

DIAGNOSTIC PROGRAM MANUAL
SIGMA 5 AND 7
CPU DIAGNOSTIC - FLOAT

March 1968

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RELATED PUBLICATIONS

The following publications contain supplementary information needed for understanding completely the Sigma 5/7 CPU Diagnostic Float Program.

<u>Publication Title</u>	<u>Publication No.</u>
Sigma 5 Computer Reference Manual	900959
Sigma 7 Computer Reference Manual	900095
Sigma 5 Computer Technical Manual *	901172
Sigma 7 Computer Technical Manual	901060
Sigma Symbol and Meta-Symbol Reference Manual	900952

* Not yet released

SECTION I
INTRODUCTION

1-1 SCOPE OF MANUAL

This manual describes the Float program designed for the Sigma 5 and 7 computers manufactured by Scientific Data Systems, Santa Monica, California.

This manual is made up of four sections. Section I is a general introduction to the Float program. Section II contains the program's operating procedures. Section III is a detailed description of the program's operation. Section IV contains the complete symbolic listing of the program, as generated by the Sigma metasymbol assembler. Also included in section IV are the listing and flow chart for the dual-purpose loader used for the Float test, and the T-charts depicting the register contents for each phase of floating multiply and divide instructions.

1-2 PROGRAM OBJECTIVES

The purpose of the Float program is to detect and diagnose malfunctions of the Sigma 5/7 floating point options.

1-3 GENERAL SPECIFICATIONS

Table 1-1 lists the general specifications for this program.

Table 1-1. General Specifications

Computer configuration	Any Sigma 5/7 computer with card reader or paper tape reader for program input
Memory size	4K (4096) words minimum

Table 1-1. General Specifications (Cont.)

Options	Keyboard printer or line printer for optional printed output
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Prerequisite tests are listed in table 1-2.

Table 1-2. Testing Prerequisites

Program	Prerequisite Program
Sense (Sigma 7 only)	None
Verify	None
Pattern	Verify
Auto	Verify, Pattern*
Suffix	Auto
Float	Auto
Interrupt	Auto
Protect	Suffix
Map (Sigma 7 only)	Suffix

*For the Auto test to run, block register 0 must be functioning correctly. Block 0 is tested by the Pattern program.

SECTION II
OPERATING INSTRUCTIONS

2-1 GENERAL

The Float diagnostic program employs a data-gathering technique for its operation. The program consists of a driver or control section followed by a number of test modules. Each module contains eight or twelve words of data prescribing a test. The driver program accesses each module in sequence, sets up the prescribed conditions, executes the specified instruction, and then tests the results for possible errors. A report of each test or error may be printed out or displayed on the control panel indicators.

2-2 LOADING PROCEDURE

Table 2-1 shows the recommended control panel switch settings. After the switches have been set as indicated, the following must be done:

- a. Clear the memory by simultaneously pressing the CPU RESET/CLEAR and SYS RESET/CLEAR pushbuttons.
- b. Set the UNIT ADDR switches to the address of the peripheral input device.
- c. Press the LOAD switch.
- d. Place the COMPUTE switch to RUN.

Table 2-1. Switch Settings for Program Loading

Switch	Setting
CONTROL MODE	LOCAL
WATCHDOG TIMER	NORMAL
INTERLEAVE SELECT	NORMAL
PARITY ERROR MODE	CONT
AUDIO	ON
CLOCK MODE	CONT
ADDR STOP	Off
SENSE	0

Upon being loaded with the switches set according to table 2-1, the program will automatically branch to the starting location and begin running.

2-3 OPERATING PROCEDURE

2-4 SUCCESS INDICATIONS

Provided that no errors occur, the program will run continuously through all test modules. After the last module has been completed, the program will start over, making another pass. A pass counter and an error counter are maintained by the program. These may be examined by setting SENSE switch 3 (SS3). After X'20' error-free passes, a message is output indicating that the real-time clocks have been implemented.

After completing each test module, the program reads SS3 and makes a report if the switch is set. Reports are normally made via the keyboard printer, device address 001. However, if no device responds to a TIO to that address and SS4 is off, the program halts at location X'1E9' with the report information contained in registers 1 through 4. The registers contain the following information:

- R1 Present list address
- R2 Error count
- R3 Pass count (bits 0-15), module count (bits 16-31)
- R4 Instruction tested

Figure 2-1 shows a typical printout from the keyboard printer resulting from setting SS3 after the program has made a number of successful passes.

2-5 ERROR INDICATIONS

When running with the sense switches off, the program will halt upon detecting an error. Before halting, however, the error will be reported via the output message device. If the device does not respond to a TIO, the program will halt at location X'1E9' with the alarm light on. See page 5 of the program listing for an explanation of the contents of registers 1 through 8.

A typical error printout is shown in figure 2-2.

The halt-on-error feature may be disabled by setting SS4. However, if operating in this mode without any output message device, the only error indication will be brief, possibly indistinguishable, flickers of the alarm light.

```

REAL TIME CLOCKS IN USE. TO DISABLE, CP INTERRUPT AND CLEAR R5

LIST      ERRORS  PASSES  FLOAT ERROR DISPLAY
          INST  IDENTIFIER  IS  SHOULD BE  DIFF
32400CE4  00000000  003200BD  1EC003E0
32400CF0  00000000  003200BE  1EC003E0
32400CF8  00000000  003200BF  3EC003E0
32400D08  00000000  003200C0  3EC003E0
    
```

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Figure 2-1. Sample of Printout Showing No Errors

```

LIST      ERRORS  PASSES  FLOAT ERROR DISPLAY
          INST  IDENTIFIER  IS  SHOULD BE  DIFF
32400408  00000001  00000000  1DC003E0  6000000C  BF555556  BF555555  00000003
    
```

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Figure 2-2. Sample of Printout Showing Errors

The above error indications occur only for faults detected during execution of the test module. Spurious traps at any other point of the executive routine will cause a wait at location X'403'. (Refer to the listing at location X'403' for the procedure to be followed.) If the wait is cleared, the program will resume with the current test module.

Memory parity errors will cause a wait at location X'EE'. Byte 3 of register 4 will hold the contents of the memory fault indicators. Clear the wait to resume with the current test module.

Table 2-2 summarizes the various wait locations in the program.

Table 2-2. Wait Locations

Location (hex)	Reason for Halting
403	Erroneous trap
EE	Memory fault
1E9	Report or error
FB	Control panel interrupt

2-6 OPTIONS

Several optional features are incorporated into the FLOAT program to give the operator a more flexible tool for

diagnosing failures while still providing a quick means of detecting faults with a minimum of operator intervention.

2-7 Sense Switches

The uses of SS3 and SS4 have already been mentioned; further control is provided through SS1 and SS2, which allow the operator to repeatedly loop on a single test. Table 2-3 summarizes the functions of all four switches.

Table 2-3. Sense Switch Functions

Switch	Function
SS1	Short loop: when SS1 is set, the program continuously repeats the same test module. A minimum of instructions are executed to set up the necessary register and memory areas. No testing of results or other sense switches takes place
SS2	Long loop: when SS2 is set and SS1 reset, the program repeats the same module. All testing of results takes place and other sense switches are read
SS3	Report: when SS3 is set, the program reports at the completion of each test not been otherwise reported as the result of an error

(Continued)

Table 2-3. Sense Switch Functions (Cont.)

Switch	Function
SS4	Suppress error halt and report halt: when SS4 is set, the program will not halt on errors. Errors will still be reported via the keyboard printer, if available. Printing may be suppressed by turning the device off

2-8 Control Panel Interrupt

The control panel INTERRUPT button may be pressed any time the program is running to change certain parameters in the program. When the INTERRUPT button is pressed, the computer comes to a wait with address X'FB' in the instruction address register. Changes may be made by entering information into any or all of the registers described in table 2-4, then reading out the instruction from the instruction address location and returning the COMPUTE switch to RUN.

Table 2-4. Register Contents at Time of Interrupt

Register	Contents
R0	The IOP/Device address of the unit used for report or error messages. The address is in bits 16-31 and is initially set to 1 when the program is loaded Device selection: the program tests bit 0 to determine whether to use the typewriter or the line printer output routines. This bit is initially set to zero, indicating that the output device is the typewriter. Setting a one in bit zero and changing the address in bits 16-31 causes all messages to be output on the line printer
R1	The memory address of the current or most recently completed test module Test selection: when the machine is returned to RUN the program will begin testing with the module addressed by R1. The first three hexadecimal characters must be 324. The last five hexadecimal characters will be the test module address. The operator may insert any valid module address he wishes and set SS1 or SS2 to loop on that module

Table 2-4. Register Contents at Time of Interrupt (Cont.)

Register	Contents
R5	Register bits 16-19, used to arm and enable the count pulse interrupts Count pulse interrupt level selection: Normally, if no errors have occurred, the program automatically arms and enables the four count pulse interrupt levels upon making the twentieth pass. The operator may suppress this feature by clearing R5 when the wait occurs for the control panel interrupt. Or he may selectively disable only some of the count pulse interrupts. He also has the option of later reenabling the levels by again interrupting and changing R5 Bits other than 16-19 of R5 have no effect on interrupt

2-9 I/O COMPATIBILITY

See page 4 of the program listing, section IV.

2-10 TEST SELECTION

The operator may select any test module to begin running by using the control panel INTERRUPT as described in paragraph 2-8 and table 2-4. He may likewise loop on a selected test by setting SENSE switch 1 or 2 before starting up again.

The operator may also loop on a particular test by setting SS1 or SS2 when that test is being reported either by the keyboard printer or by a report or error halt.

2-11 RESTART PROCEDURE

The program may be restarted from location X'100'. When loaded, the program inserts an unconditional branch to that location in address X'26' so that normally the CPU can be restarted by pressing the RESET button and setting the COMPUTE switch to RUN.

2-12 REAL-TIME CLOCK FEATURE

This feature is used to test instruction interruptibility. After X'20' error free passes, all four count pulse interrupt levels will be armed and enabled. To inhibit this feature, do either of the following:

- a. Perform a control panel interrupt and modify R5 as described in paragraph 2-8 and table 2-4.
- b. While the program is loading, place SS1 to On. The program will wait at location X'275'. Turn SS1 off and clear the wait. Normal execution of the program will occur.

SECTION III
PROGRAM DESCRIPTION

3-1 GENERAL

A simplified flow chart is given in figure 3-1 to illustrate the general philosophy of the program's operation. When loaded, the Float program automatically branches to its starting location and begins running. Initialization takes place where various parameters are set up, and a branch instruction is inserted in location X'26' to facilitate restarting, should the RESET button be depressed.

The program accesses each test module in turn and sets up all the test conditions as prescribed by the module. The instruction contained in the module is executed and then SENSE switch 1 is tested to determine whether the short loop mode is in effect. If SS1 is set, the program repeats a minimum amount of the setup procedure for the same test module and again executes the instruction. No results are examined in the short loop mode.

If not operating in the short loop (that is, if SS1 is reset), the program proceeds to compare the results of the test with the expected results. The resultant contents of all registers and memory operands are prescribed by the test module. Other items are also tested, such as the instruction location, the location following the instruction, the indirect address location, and the program status doubleword.

When an error is detected, or if SS3 is set, the program makes a report normally via the keyboard printer. The reports may be switched over to a line printer, if desired (see paragraph 2-8, Control Panel Interrupt). When no printing device is available, the program makes its reports by executing a wait with the information stored in general registers 1 through 8.

After results have been checked and reports, if any, have been completed, SENSE switch 2 is read. If SS2 is set to 1, the program goes through the entire setup, test, and report procedure for the same test module it just finished. If SS2 is reset to 0, then the module pointer is updated so that a new test is performed on the next cycle.

3-2 TEST MODULE

See the location X'3C4' (Table) in the program listing, section IV, for an identification of test module components.

Each test module is relocated to the previously-cleared table area. The listing describes the meaning of each word. Program status word 1 (PSW1) is somewhat misleading, since only bits 0-11 are used. Bits 12-31 are used as a

linkage address to allow the driver to prepare for any expected traps which may result from executing an instruction.

3-3 OUTPUT MESSAGE ANALYSIS

Refer to figure 3-2 for a sample Float error display. The headings on the error printout correspond to the register contents after error halts.

LIST	324xxxxxx Present list address: 324 is LW,4; xxxxxx is the first memory location of the test module
ERRORS	Total number of errors since initial load or last restart
PASSES	Pass count and test module count
INST	Instruction under test
IDENTIFIER	Error identifier and address (see page 4 of program listing section IV)
IS	Erroneous result
SHOULD BE	Predetermined result
DIFF	Result of an exclusive Or of the Is and Should Be columns

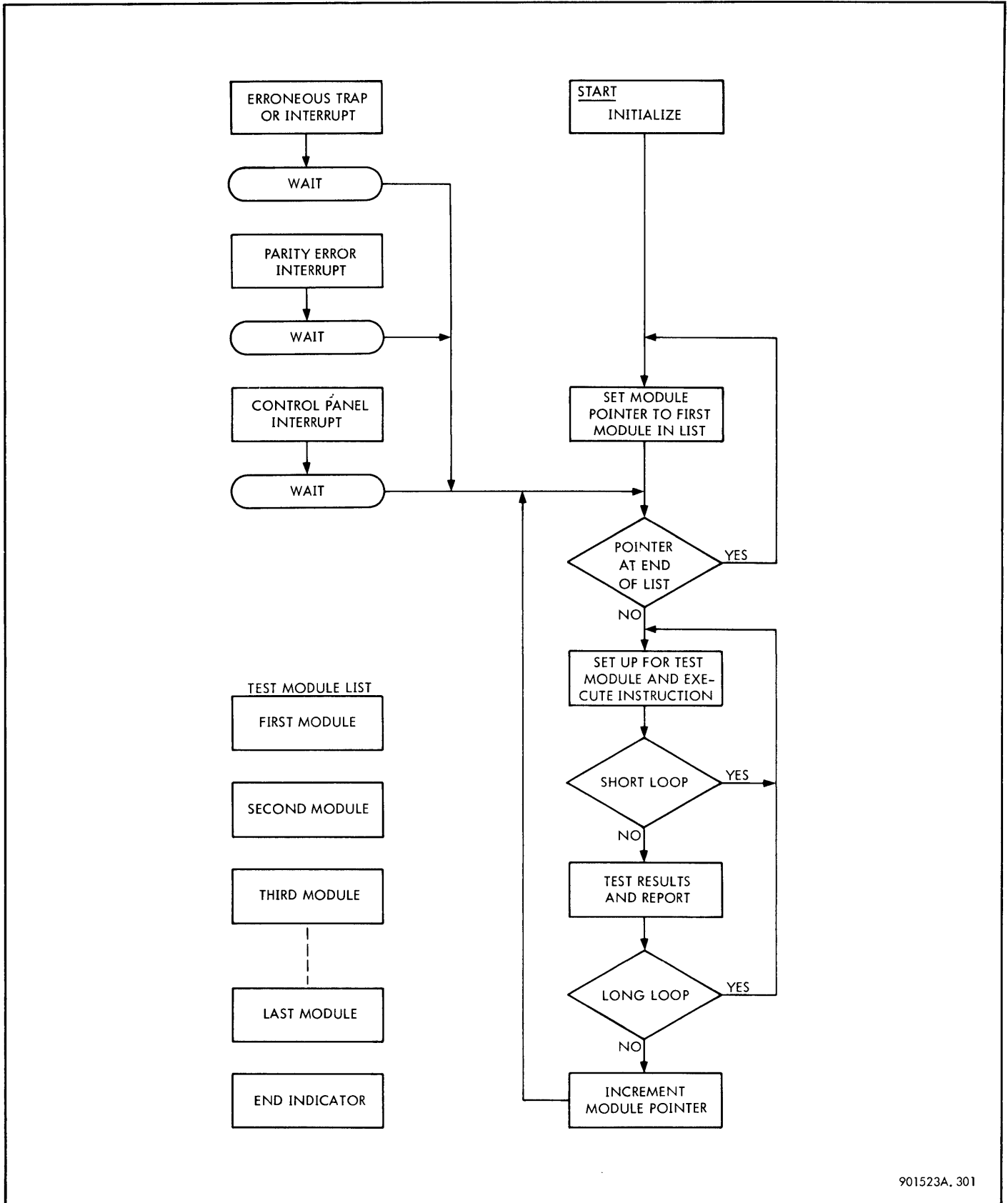
3-4 USE OF PRINTOUT FOR TROUBLESHOOTING

Figure 3-2 is needed for making the following analysis.

More failures would have been reported had the printout been allowed to continue. However, since the first seven failures were on floating add long (FAL), determined from the Inst column, and since there were no floating add short failures, there should be sufficient information to analyze the failure pattern.

The first point of interest is that only register C is failing.

Next, analysis of the Is and Should Be columns show that adding one to the Is number results in the Should Be number.



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Figure 3-1. Float Program, Simplified Flow Chart

LIST	ERRORS	PASSES	FLOAT ERROR DISPLAY		IS	SHOULD BE	DIFF
			INST	IDENTIFIER			
32400408	00000001	00000000	10C003E0	6000000C	BF555554	BF555555	00000001
32400420	00000002	00000002	10C003E0	6000000C	407FFFFFF	40800000	00FFFFFF
3240042C	00000003	00000003	10C003E0	6000000C	40FFFFFF	41100000	01FFFFFF
32400444	00000004	00000005	9DC0E284	6000000C	4000007E	4000007F	00000001
32400450	00000005	00000006	9DC003DA	6000000C	BFFFFFFCF	BFFFFFFD0	0000001F
324004A4	00000006	0000000D	1DC003E0	6000000C	C300FFFF	C2F00000	01FOFFFF
324006CC	00000007	0000003B	3CC003E0	6000000C	3EFF FF00	3F100000	01EFFF00
324006D8	00000008	0000003C	1CC003E0	6000000C	40FFFFFFE	40FFFFFFF	00000001
32400708	00000009	00000040	1FC003E0	6000000C	3FFFFFF00	40100000	7FEFFF00
32400708	0000000A	00000040	1FC003E0	6000000D	00000036	00000003	00000035
32400720	0000000B	00000042	1FC003E0	6000000C	40EFFFF0	40F00000	001FFFF0

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Figure 3-2. Sample Float Error Printout

Example:

List	Is	Is + 1	Should Be
408	BF555554	BF555555	BF555555
420	407FFFFFF	40800000	40800000
42C	40FFFFFF	41000000	41100000
		(41100000)*	

To proceed, either change the logic module for the suspected carry term or select a failing test using the control panel INTERRUPT (paragraph 2-8) and enter the list address in R1. Place SS2 to I and clear the wait. Use ADDR STOP to stop the program at location X'143'. Single-clock to the add phase of floating add long and observe the sum in the display lights. Scope to determine why the carry signal is missing.

Note that failures occur when a carry out of the least significant word is expected.

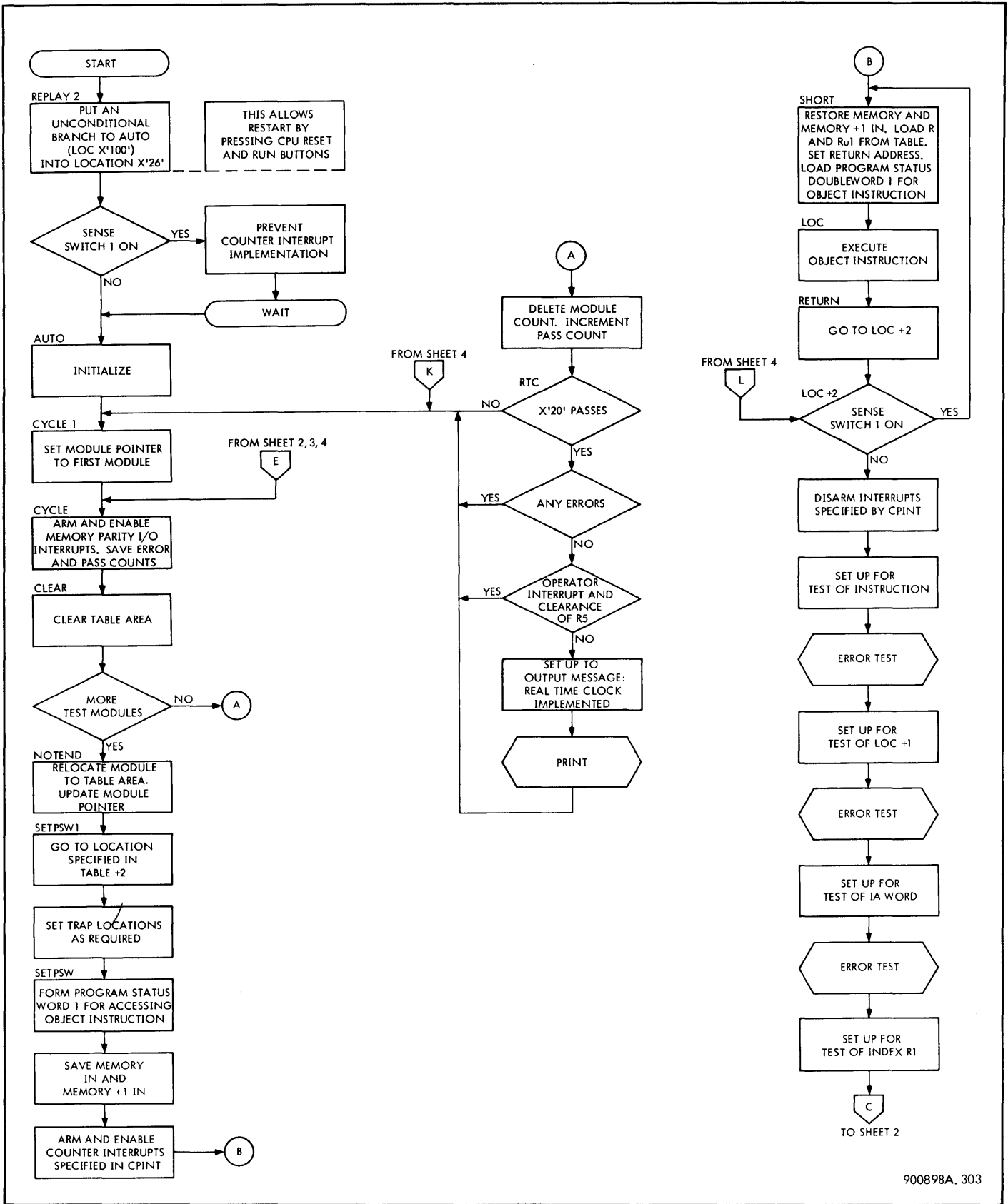
3-5 FLOWCHART

List	408	420	42C
Register D	AAAAAAAA	FFFFFFFF	00000001
Memory + 1	AAAAAAAA	00000001	FFFFFFFF
	(K) [†] 5555554	(K) 00000000	(K) 00000000

A detailed flowchart of the entire program (excluding test modules) is given in figure 3-3. Application of the flowchart to the program listing in section IV should provide the user with a clear understanding of the program operation.

*Since the characteristic changed, a one would be put in the first character of the fraction.

[†] (K) = Carry



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Figure 3-3. Float Program, Detailed Flow Chart (Sheet 1 of 4)

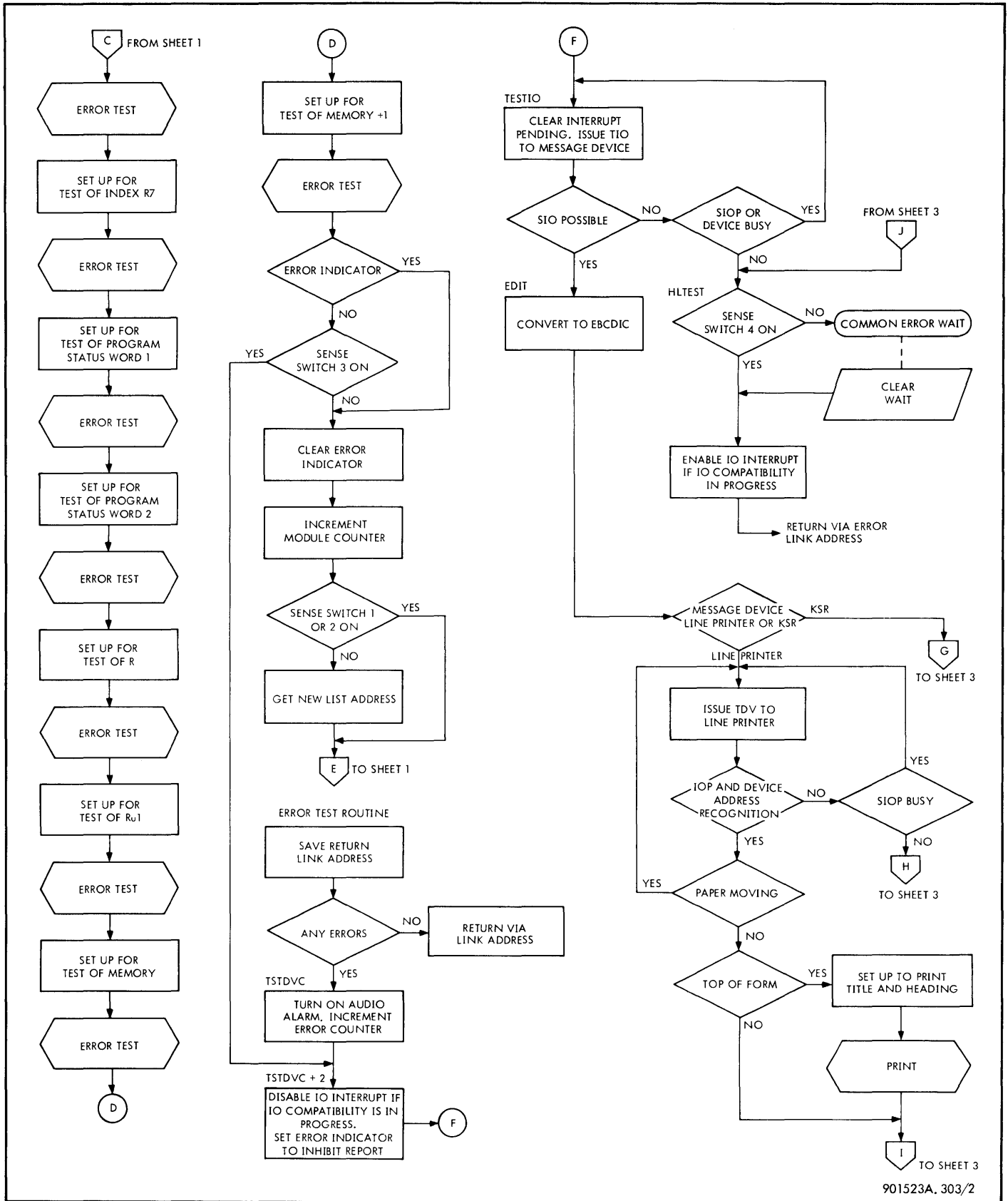


Figure 3-3. Float Program, Detailed Flow Chart (Sheet 2 of 4)

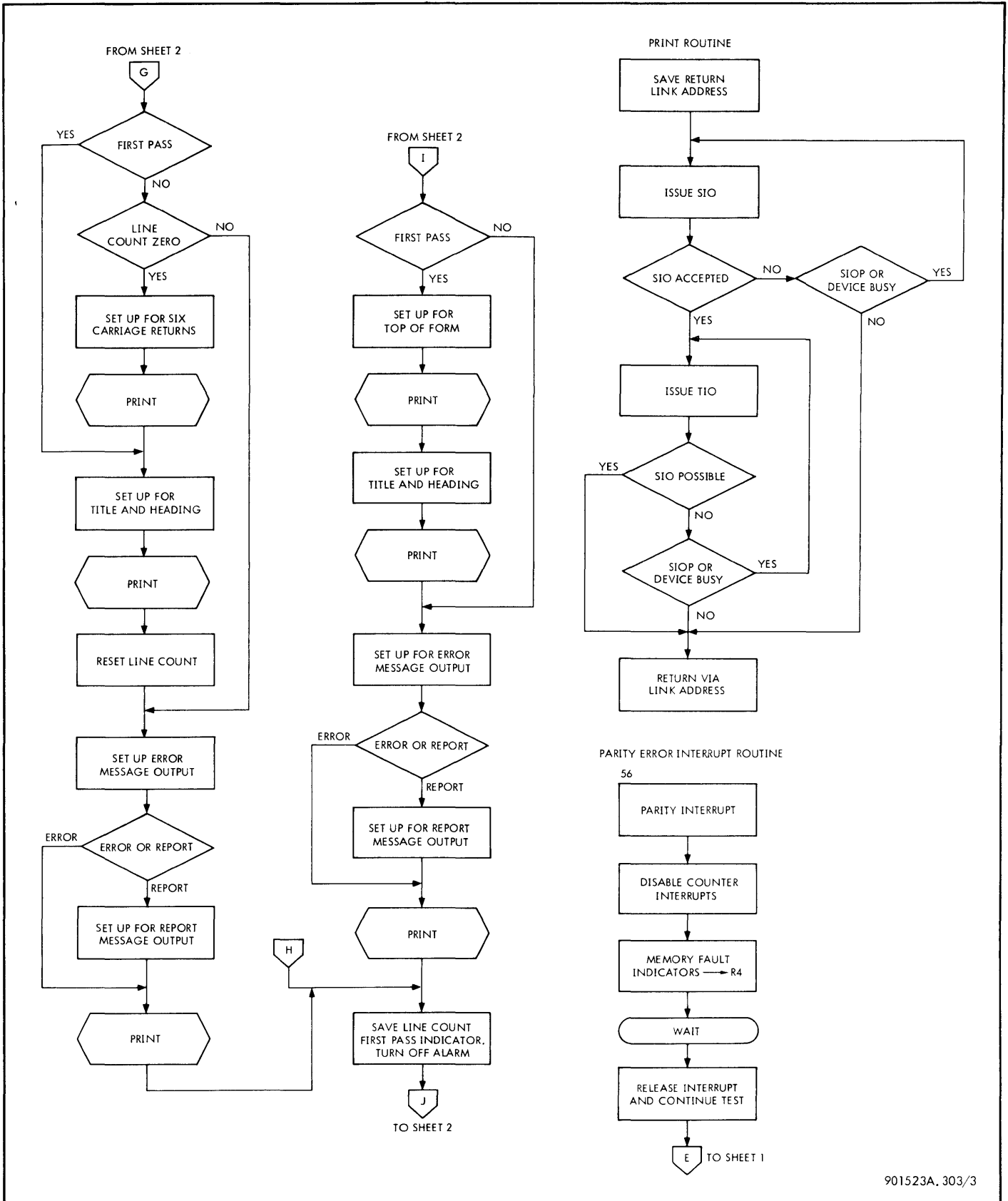
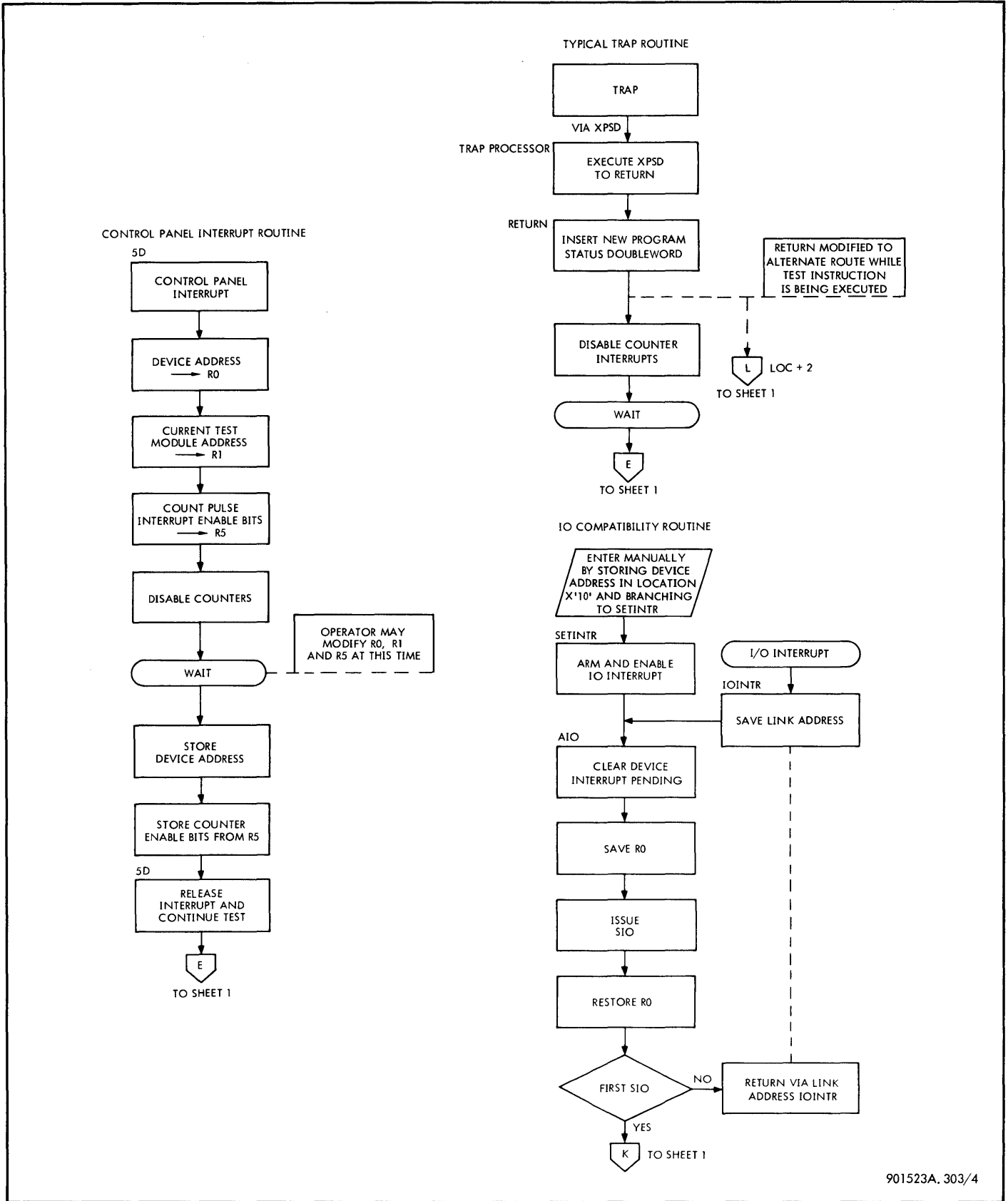


Figure 3-3. Float Diagram, Detailed Flow Chart (Sheet 3 of 4)



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Figure 3-3. Float Program, Detailed Flow Chart (Sheet 4 of 4)

SECTION IV
PROGRAM LISTING

4-1 GENERAL

The program listing that follows details the contents of this program. It contains a list of memory locations and the contents at each location.

A sample printout line from the program follows in figure 4-1, together with an explanation of what each column represents. (There may be as many as nine column entries in a line, but not every column will appear in every line.)

781	01	0029A	00000106	N	IOINTR	DATA	CYCLE-1,0,AIO,0	ENTRY TO INTERRUPT ROUTINE
a	b	c	d	e	f	g	h	i
a.	Line number						f.	Tag
b.	Indication of memory protection key						g.	Operation
c.	Memory address						h.	Operand
d.	Routine instruction and data						i.	Comments
e.	Indication whether of absolute origin or not							

Figure 4-1. Sample Line, Program Printout


```

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00
PAGE
3
46
47 *
48 *
49 00000024 SF OPEN [LCF1, AI, CI, LI, MI, SF, S, LCF, STCF
CNAME X'124'
50 00000025 S CNAME X'125'
51 00000070 LCF CNAME X'170'
52 00000074 STCF CNAME X'174'
53 G1 EQU 1,7,4,3,17
54 PRBC
55 LF GEN,G1 AFA(1),NAME,CF(2),AF(2),AF(1)
56 PEND
57 00000002 LCF1 CNAME X'12'
58 00000020 AI CNAME X'120'
59 00000021 CI CNAME X'121'
60 00000022 LI CNAME X'122'
61 00000023 MI CNAME X'123'
62 G2 EQU 1,7,4,20
63 PRBC
64 LF GEN,G2 AFA(1),NAME,CF(2),AF(1)
65 PEND
66 *

```

```

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00
PAGE
4
67
68 *
69 *
70 ***** LOADING OPTIONS
71 * SENSE SW1 SET BYPASS AUTOMATIC IMPLEMENTATION OF REAL TIME
72 * CLOCKS. PROGRAM WILL COME TO A WAIT. RESET
73 * SENSE SWITCH 1. CLEAR THE WAIT.
74 * RESET ENABLE RTC'S AFTER X'120' ERROR FREE PASSES
75 *
76 *
77 *
78 ***** I/O COMPATIBILITY
79 * THIS TEST IS DESIGNED TO TEST FOR CONFLICTS BETWEEN THE
80 * INTEGRAL IOP AND THE EXECUTION OF THE AUTO DIAGNOSTIC.
81 * TO IMPLEMENT THIS TEST :
82 * 1. CP INTERRUPT
83 * 2. ENTER DEVICE ADDRESS INTO LOCATION X'10'
84 * 3. BRANCH TO LOCATION X'296'
85 * (IF THE SELECTED DEVICE DOES NOT GENERATE AN INTERRUPT
86 * FOR ANY REASON, RESTART BY REPEATING STEP 3 )

```

```

87
88
89
90
91 ***** OPERATING OPTIONS
92
93 SS1 SET=SHORT LOOP
94 RESET=NORMAL OPERATION
95
96 SS2 SET=LONG LOOP
97 RESET=NORMAL OPERATION
98
99 SS3 SET=REPORT
100 RESET=NORMAL OPERATION
101
102 SS4 SET=NO HALT ON ERRORS
103 RESET=HALT ON ERRORS AND AFTER REPORT
104
105 REGISTER CONTENTS ON ERROR HALT,
106
107 R1 PRESENT LIST ADDRESS
108 R2 ERROR COUNTER
109 R3 PASS COUNTER (PASSES=0-15, MODULES=16-31)
110 R4 INSTRUCTION
111 R5 ERROR IDENTIFIER AND ADDRESS:
112 1000000 * INSTRUCTION
113 2000000 * LOCATION+1 OF THE EXECUTION LOCATION
114 3000000 * INDIRECT ADDRESS
115 400000X * INDEX REGISTER X: X=1(NORMAL) OR 7(ONE)
116 500000X * PROGRAM STATUS WORD X: X=1 OR 2
117 600000X * REGISTER X: X=C(12)OR D(13)
118 7000WXYZ * MEMORY WORD IN LOCATION WXYZ (WXYZ=0-FFFF)
119
120 R6 ERRONEOUS RESULT
R7 PREDETERMINED RESULT
R8 DIFFERENCE BETWEEN R6 AND R7

```

```

121 REGISTER CONTENTS ON CONTROL PANEL INTERRUPT
122
123 *****R0 AND OR R5 MAY BE MODIFIED AFTER
124 THE WAIT FROM CP INTERRUPT. R0 WILL
125 SELECT THE MSG DEVICE AND R5 THE
126 COUNT PULSE INTERRUPTS
127
128 R0 10000MSG T=0 FOR KSR MSG= DEVICE ADDR
129 T=8 FOR LINE PRINTER
130
131 R1 3240YYYY LW#4 OBJECT ADDRESS
132 R2 ERROR COUNTER
133 R3 XXXXZZZZ X=PASS COUNT 7% TEST COUNT
134 R5 0000N000 N= ACTIVE COUNTER INTERRUPTS
135 BIT POSITION ACTIVATES COUNTER
136 16 1
137 17 2
138 18 3
139 19 4

```


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			PAGE			
139						
140	01 00040		0RB	X'40'	TRAP LOCATIONS	A
141	01 00040	0F00005E	NABTR	XPSD,0	NAB	A
142	01 00041	0F000072	UIITR	XPSD,0	UII	A
143	01 00042	0F000078	SLTR	XPSD,0	SL	A
144	01 00043	0F00007E	FXPSTR	XPSD,0	FXPB	A
145	01 00044	0F000084	FLPFTR	XPSD,0	FLPF	A
146	01 00045	0F00008A	DFTR	XPSD,0	DF	A
147	01 00046	0F000090	WDTRTR	XPSD,0	WDTR	A
148	01 00047	0F8003E4	BRANCH	XPSD,8	RETURN	A
149	01 00048	0F000096	CAL1TR	XPSD,0	CAL1	A
150	01 00049	0F0000AA	CAL2TR	XPSD,0	CAL2	A
151	01 0004A	0F0000BE	CAL3TR	XPSD,0	CAL3	A
152	01 0004B	0F0000D2	CAL4TR	XPSD,0	CAL4	A
153			*		INTERRUPT LOCATIONS	A
154	01 0004C	00000000	FILL	X'52'		A
	01 0004D	00000000				A
	01 0004E	00000000				A
	01 0004F	00000000				A
	01 00050	00000000				A
	01 00051	00000000				A
155	01 00052	331003EE		MTW#1	CNT1CP	
156	01 00053	331003EF		MTW#1	CNT2CP	
157	01 00054	331003F0		MTW#1	CNT3CP	A
158	01 00055	331003F1		MTW#1	CNT4CP	A
159	01 00056	0F0000E6		XPSD,0	PARITY	A
160	01 00057	00000000	FILL	X'5C'	MEMORY PARITY	A
	01 00058	00000000				A
	01 00059	00000000				A
	01 0005A	00000000				A
	01 0005B	00000000				A
161	01 0005C	0F00029A		XPSD,0	IBINTR	A
162	01 0005D	0F0000F0		XPSD,0	RESET	A

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			PAGE			
163						
164			*		NON-ALLOWED OPERATION TRAP	A
165				BUND 8		A
166	01 0005E	00000000	NAB	PZE		A
167	01 0005F	00000000		PZE		A
168	01 00060	00000062		PZE,0	\$+2	A
169	01 00061	00000000		PZE		A
170	01 00062	0F0003E4	NABRET	XPSD,0	RETURN	A
171	01 00063	0F0003E4	MPVRET	XPSD,0	RETURN	19=A
172	01 00064	0F0003E4	MVRET	XPSD,0	RETURN	TRACC=1 19=A
173	01 00065	0F0003E4		XPSD,0	RETURN	MODE VIOLATION TRACC=2 19=A
174	01 00066	0F0003E4	NEARET	XPSD,0	RETURN	A
175	01 00067	0F0003E4		XPSD,0	RETURN	NONEXISTANT ADDRESS TRACC=4 19=A
176	01 00068	0F0003E4		XPSD,0	RETURN	A
177	01 00069	0F0003E4		XPSD,0	RETURN	A
178	01 0006A	0F0003E4	NEIRET	XPSD,0	RETURN	NONEXISTANT INSTRUCTION TRACC=8 19=A
179	01 0006B	0F0003E4		XPSD,0	RETURN	A
180	01 0006C	0F0003E4		XPSD,0	RETURN	A
181	01 0006D	0F0003E4		XPSD,0	RETURN	A
182	01 0006E	0F0003E4		XPSD,0	RETURN	A
183	01 0006F	0F0003E4		XPSD,0	RETURN	A
184	01 00070	0F0003E4		XPSD,0	RETURN	A
185	01 00071	0F0003E4		XPSD,0	RETURN	A

233 SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00 11
 234 PAGE
 235 * CALL 1 TRAP
 236 01 00096 00000000 A CAL1 BBUND 8
 237 01 00097 00000000 A PZE
 238 01 00098 0000009A PZE,0 *+2
 239 01 00099 00000000 A PZE
 240 01 0009A 0F0003E4 C1RET XPSD,0 RETURN TRACC=0
 241 01 0009B 0F0003E4 XPSD,0 RETURN TRACC=1 19.1
 242 01 0009C 0F0003E4 XPSD,0 RETURN TRACC=2 19.1
 243 01 0009D 0F0003E4 XPSD,0 RETURN TRACC=3 19.1
 244 01 0009E 0F0003E4 XPSD,0 RETURN TRACC=4 19.1
 245 01 0009F 0F0003E4 XPSD,0 RETURN TRACC=5 19.1
 246 01 000A0 0F0003E4 XPSD,0 RETURN TRACC=6 19.1
 247 01 000A1 0F0003E4 XPSD,0 RETURN TRACC=7 19.1
 248 01 000A2 0F0003E4 XPSD,0 RETURN TRACC=8 19.1
 249 01 000A3 0F0003E4 XPSD,0 RETURN TRACC=9 19.1
 250 01 000A4 0F0003E4 XPSD,0 RETURN TRACC=10 19.1
 251 01 000A5 0F0003E4 XPSD,0 RETURN TRACC=11 19.1
 252 01 000A6 0F0003E4 XPSD,0 RETURN TRACC=12 19.1
 253 01 000A7 0F0003E4 XPSD,0 RETURN TRACC=13 19.1
 254 01 000A8 0F0003E4 XPSD,0 RETURN TRACC=14 19.1
 255 01 000A9 0F0003E4 XPSD,0 RETURN TRACC=15 19.1

256 SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00 12
 257 PAGE
 258 * CALL 2 TRAP
 259 01 000AA 00000000 A CAL2 BBUND 8
 260 01 000AB 00000000 A PZE
 261 01 000AC 000000AE PZE,0 *+2
 262 01 000AD 00000000 A PZE
 263 01 000AE 0F0003E4 C2RET XPSD,0 RETURN TRACC=0
 264 01 000AF 0F0003E4 XPSD,0 RETURN TRACC=1 19.1
 265 01 000B0 0F0003E4 XPSD,0 RETURN TRACC=2 19.1
 266 01 000B1 0F0003E4 XPSD,0 RETURN TRACC=3 19.1
 267 01 000B2 0F0003E4 XPSD,0 RETURN TRACC=4 19.1
 268 01 000B3 0F0003E4 XPSD,0 RETURN TRACC=5 19.1
 269 01 000B4 0F0003E4 XPSD,0 RETURN TRACC=6 19.1
 270 01 000B5 0F0003E4 XPSD,0 RETURN TRACC=7 19.1
 271 01 000B6 0F0003E4 XPSD,0 RETURN TRACC=8 19.1
 272 01 000B7 0F0003E4 XPSD,0 RETURN TRACC=9 19.1
 273 01 000B8 0F0003E4 XPSD,0 RETURN TRACC=10 19.1
 274 01 000B9 0F0003E4 XPSD,0 RETURN TRACC=11 19.1
 275 01 000BA 0F0003E4 XPSD,0 RETURN TRACC=12 19.1
 276 01 000BB 0F0003E4 XPSD,0 RETURN TRACC=13 19.1
 277 01 000BC 0F0003E4 XPSD,0 RETURN TRACC=14 19.1
 278 01 000BD 0F0003E4 XPSD,0 RETURN TRACC=15 19.1

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00
PAGE

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279
280
281 *
282 01 0008E 00000000 A CAL3 BOUND 8
283 01 0008F 00000000 A PZE
284 01 000C0 000000C2 PZE,0 $+2
285 01 000C1 00000000 A PZE
286 01 000C2 0F0003E4 C3RET XPSD,0 RETURN TRACC=0
287 01 000C3 0F0003E4 XPSD,0 RETURN TRACC=1 19.1
288 01 000C4 0F0003E4 XPSD,0 RETURN TRACC=2 19.1
289 01 000C5 0F0003E4 XPSD,0 RETURN TRACC=3 19.1
290 01 000C6 0F0003E4 XPSD,0 RETURN TRACC=4 19.1
291 01 000C7 0F0003E4 XPSD,0 RETURN TRACC=5 19.1
292 01 000C8 0F0003E4 XPSD,0 RETURN TRACC=6 19.1
293 01 000C9 0F0003E4 XPSD,0 RETURN TRACC=7 19.1
294 01 000CA 0F0003E4 XPSD,0 RETURN TRACC=8 19.1
295 01 000CB 0F0003E4 XPSD,0 RETURN TRACC=9 19.1
296 01 000CC 0F0003E4 XPSD,0 RETURN TRACC=10 19.1
297 01 000CD 0F0003E4 XPSD,0 RETURN TRACC=11 19.1
298 01 000CE 0F0003E4 XPSD,0 RETURN TRACC=12 19.1
299 01 000CF 0F0003E4 XPSD,0 RETURN TRACC=13 19.1
300 01 000D0 0F0003E4 XPSD,0 RETURN TRACC=14 19.1
301 01 000D1 0F0003E4 XPSD,0 RETURN TRACC=15 19.1

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SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00
PAGE

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302
303 *
304 BOUND 8
305 01 000D2 00000000 A CAL4 PZE
306 01 000D3 00000000 A PZE
307 01 000D4 000000D6 PZE,0 $+2
308 01 000D5 00000000 A PZE
309 01 000D6 0F0003E4 C4RET XPSD,0 RETURN TRACC=0
310 01 000D7 0F0003E4 XPSD,0 RETURN TRACC=1 19.1
311 01 000D8 0F0003E4 XPSD,0 RETURN TRACC=2 19.1
312 01 000D9 0F0003E4 XPSD,0 RETURN TRACC=3 19.1
313 01 000DA 0F0003E4 XPSD,0 RETURN TRACC=4 19.1
314 01 000DB 0F0003E4 XPSD,0 RETURN TRACC=5 19.1
315 01 000DC 0F0003E4 XPSD,0 RETURN TRACC=6 19.1
316 01 000DD 0F0003E4 XPSD,0 RETURN TRACC=7 19.1
317 01 000DE 0F0003E4 XPSD,0 RETURN TRACC=8 19.1
318 01 000DF 0F0003E4 XPSD,0 RETURN TRACC=9 19.1
319 01 000E0 0F0003E4 XPSD,0 RETURN TRACC=10 19.1
320 01 000E1 0F0003E4 XPSD,0 RETURN TRACC=11 19.1
321 01 000E2 0F0003E4 XPSD,0 RETURN TRACC=12 19.1
322 01 000E3 0F0003E4 XPSD,0 RETURN TRACC=13 19.1
323 01 000E4 0F0003E4 XPSD,0 RETURN TRACC=14 19.1
324 01 000E5 0F0003E4 XPSD,0 RETURN TRACC=15 19.1

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325          SIGMA 5/7 CPU DIA3• FLBAT 704046-51A00          15
326          *
327          *
328 01 000E6 00000000 A PARITY BOUND 8          A
329 01 000E7 00000000 A PZE          A
330 01 000E8 000000EA A PZE          A
331 01 000E9 00000000 A PZE          A
332 01 000EA 6C400010 A RD#4 X'10' RECRD PARITY ERROR PLANS A
333 01 000E3 32500312 L#5 CPINT COUNT PULSE INTERRUPTS A
334 01 000EC 6D501300 A W#5 X'1300' ARM AND DISABLE A
335 01 000ED 2E000000 A WAIT#0 0
336 01 000EE 0E3003EA L#SD#3 REPEAT RELEASE PARITY INTERRUPT-REPEAT TEST A
337          *          INTERRUPT BUTTON SERVICE ROUTINE A

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338          *          15A
339 01 000F0 00000000 A RESET BOUND 8          A
340 01 000F1 00000000 A PZE          A
341 01 000F2 000000F4 A PZE          A
342 01 000F3 07000000 A DATA X'07000000' TURN ON INTERRUPT INHIBIT BITS A
343 01 000F4 32500312 L#5 CPINT COUNT PULSE INTERRUPTS A
344 01 000F5 6D501300 A W#5 X'1300' ARM AND DISABLE A
345 01 000F6 323003F4 L#3 PASSES RESET PASSES TO LAST SETTING A
346 01 000F7 322003F3 L#2 ERRORS RESET ERRORS TO LAST SETTING A
347 01 000F8 32100113 L#1 SAVE REINITIALIZE LOAD WITH LAST SETTING A
348 01 000F9 3200031C L#0 TYPE
349 01 000FA 2E000000 A WAIT#0 0          A
350 01 000FB 43500332 AND#5 MASK#4
351 01 000FC 35500312 STW#5 CPINT
352 01 000FD 3500031C STW#0 TYPE DEVICE ADDR IF BIT#0 KSR# =1 LP
353 01 000FE 35500313 STW#5 CPINT#M
354 01 000FF 0E3003EA L#SD#3 REPEAT RELEASE PANEL INTERRUPT-REPEAT TEST A

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SIGMA 5/7 CPU DIAG. FLOAT 704046-51A00				PAGE		16	
355							A
356							A
357				FILL	X'100'	AUTO=CONTRBL	A
358	01	00100	32200340	LW#2	ZERO	ERRORS	A
359	01	00101	32300340	LW#3	ZERO	PASSES	A
360	01	00102	32100309	LW#1	NEG51		A
361	01	00103	3510030A	STW#1	LINE	INITIALIZE LINE COUNT	A
362	01	00104	32100326	LW#1	NEG2		A
363	01	00105	35100304	STW#1	FIRST	RESET FIRST PASS COUNTER	A
364	01	00106	321002F7	LW#1	LOAD	INITIALIZE MODULE POINTER. SET C=0	A
365	01	00107	32400340	LW#4	ZERO	CLEAR TRANSFER REGISTER	A
366	01	00108	35100113	STW#1	SAVE	SAVE OLD REGISTER FOR RESET	A
367	01	00109	3250031D	LW#5	PCPINT	PARITY AND CONTROL PANEL INTERRUPTS	A
368	01	0010A	6D501200 A	WD#5	X'1200'	ARM AND ENABLE	A
369	01	0010B	352003F3	STW#2	ERRORS	SAVE ERROR COUNTER IN MEMORY	A
370	01	0010C	353003F4	STW#3	PASSES	SAVE PASS COUNTER IN MEMORY	A
371	01	0010D	325002F9	LW#5	STORE	PREPARE TO CLEAR THE TABLE. SET I=0	A
372	01	0010E	32600308	LW#6	NEG20		A
373	01	0010F	35500110	STW#5	S+1		A
374	01	00110	354003C4	STW#4	TABLE+1	STORE 0 INTO TABLE+1, I=0 TO 11	A
375	01	00111	65500112	BIR#5	S+1	I+1 INTO I	A
376	01	00112	6560010F	BIR#6	CLEAR		A

SIGMA 5/7 CPU DIAG. FLOAT 704046-51A00				PAGE		17	
377							A
378	01	00113	32400408	SAVE	LW#4	PICK UP COUNT	A
379	01	00114	69300118		BCS#3	TEST FOR MODULE END	A
380	01	00115	493002FD		AND#3	DELETE MODULE COUNT	A
381	01	00116	20310000 A		AI#3	INCREMENT PASS COUNTER	A
382	01	00117	68000278		B	DONE	A
383	01	00118	325002F9	NOTEND	LW#5	STORE	A
384	01	00119	32600004 A		LW#6	4	A
385	01	0011A	3510011C	MOVE	STW#1	FRBM	A
386	01	00113	3550011D		STW#5	T9	A
387	01	0011C	32400408	FRBM	LW#4	LIST+C	A
388	01	0011D	354003C4	T9	STW#4	TABLE+1	A
389	01	0011E	6510011F		BIR#1	S+1	A
390	01	0011F	65500120		BIR#5	S+1	A
391	01	00120	6560011A		BIR#6	MOVE	A
392	01	00121	3510011C		STW#1	FRBM	A
						SET MODULE POINTER = NEXT MODULE	A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				PAGE		18	
393							A
394			*				A
395	01	00122	321003C8	LW#1	TABLE+4	AUTO-EXECUTE	A
396	01	00123	32400047	LW#4	XPSD	PICK UP INDEX	A
397	01	00124	35400144	STW#4	L0C+1	PICK UP RETURN VEHICAL	A
398	01	00125	35400040	STW#4	NABTR	SET L0C+1 OF 'EXECUTE INSTRUCTION'	A
399	01	00126	324003C6	LW#4	TABLE+2	SET RETURN FOR SLAVE MODE CASES	A
400	01	00127	484002FB	AND#4	LINKAD	PSW11	A
401	01	00128	354003EC	STW#4	PSW1	SELECT LINK ADDRESS AND DELETE MS#MMA	A
402	01	00129	32500340	LW#5	ZER0	SET UP LINKAGE	A
403	01	0012A	484002FC	AND#4	COND	CLEAR R5	A
404	01	0012B	0E0003EC	LPSD#0	PSW1	CLEAR ADDRESS PORTION OF PSW1	A
405	01	0012C	324003C6	LW#4	TABLE+2	LINKAGE	A
406	01	0012D	484002FC	AND#4	COND	CLEAR ADDRESS	A
407	01	0012E	484002DE	EBR#4	L0CADD	SET ADDRESS TO L0C	A
408	01	0012F	354003EC	STW#4	PSW1		A
409	01	00130	324003D0	LW#4	TABLE+12		A
410	01	00131	354003ED	STW#4	PSW2		A
411	01	00132	22200001	L1#2	1		A
412	01	00133	324003CE	LW#4	TABLE+1	INSTRUCTION	A
413	01	00134	354003D9	STW#4	INST		A
414	01	00135	325002DC	LW#5	INDA	INDIRECT ADDRESS	A
415	01	00136	32700303	LW#7	ONE	SET HALF WORD (ODD MEMORY) INDEX	A
416	01	00137	355003DA	STW#5	IA		A
417	01	00138	328003CA	LW#8	TABLE+6	MW1	A
418	01	00139	329003CE	LW#9	TABLE+10	MW+11	A
419	01	0013A	3250031P	LW#5	CPINT	COUNT PULSE INTERRUPTS	A
420	01	0013B	6D501200	W#5	X'1200'	ARM AND ENAB_E	A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				PAGE		19	
421							A
422	01	0013C	358003E0	SHRT	STW#8	MEMORY	A
423	01	0013D	359003E1		STW#9	MEMORY+1	A
424	01	0013E	32C003C8		LW#12	TABLE+4	A
425	01	0013F	32D003CC		LW#13	TABLE+8	A
426	01	00140	32F002D0		LW#15	L0C2AD	A
427	01	00141	35F003E6		STW#15	RETURN+2	A
428	01	00142	0E0003EC		LPSD#0	PSW1	A
429	01	00143	670003D9	L0C	EXU	INST	A
430	01	00144	0F8003E4		XPSD#8	RETURN	A
431	01	00145	6C000000		RD#0	0	A
432	01	00146	6980013C		BCS#8	SHRT	A
433	01	00147	6D501100		W#5	X'1100'	A
434	01	00148	322003FB		LW#2	ERRORS	A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				PAGE		20	
435							A
436							A
437	01	00149	351003DB	STW#1	TEST+3	AUTO-TEST	A
438	01	0014A	32100323	LW#1	BDBALL	IX	A
439	01	0014B	351003E6	STW#1	RETURN+2	SET RETURN FOR SPURIOUS TRAPS	A
440	01	0014C	357003DF	STW#7	TEST+7	SET RETURN TO RESET+2	A
441	01	0014D	32100113	LW#1	SAVE	SAVE HALF WORD INDEX	A
442	01	0014E	35C003DC	STW#12	TEST+4	PICK UP PRESENT LIST ADDRESS	A
443	01	0014F	35D003DD	STW#13	TEST+5	R	A
444	01	00150	3250030B	LW#5	INSTID	RU1	A
445	01	00151	326003D9	LW#6	TEST+1	PICK UP INSTRUCTION IDENTIFIED	A
446	01	00152	327003C5	LW#7	TABLE+1	INST(R)	A
447	01	00153	0F0001CE	XPSD,0	ERRBR	INST(B)	A
448	01	00154	3250030C	LW#5	XPSDID	TEST INSTRUCTION	A
449	01	00155	32600144	LW#6	LOC+1	PICK LOCATION+1 IDENTIFIER	A
450	01	00156	32700047	LW#7	XPSD	LOC+1(R)	A
451	01	00157	0F0001CE	XPSD,0	ERRBR	LOC+1(B)	A
452	01	00158	3250030D	LW#5	IAID	TEST LOCATION+1	A
453	01	00159	326003DA	LW#6	IA	PICK UP INDIRECT ADDRESS IDENTIFIER	A
454	01	0015A	327002DC	LW#7	INDA	IA(R)	A
455	01	0015B	0F0001CE	XPSD,0	ERRBR	IA(B)	A
						TEST INDIRECT ADDRESS WORD	A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				PAGE		21	
456							A
457	01	0015C	3250030E	LW#5	IXID	PICK UP INDEX IDENTIFIER	A
458	01	0015D	326003DB	LW#6	TEST+3	IX(R)	A
459	01	0015E	327003C8	LW#7	TABLE+4	IX(B)	A
460	01	0015F	0F0001CE	XPSD,0	ERRBR	TEXT INDEX R1	A
461	01	00160	48500302	ERR#5	SIX	SET INDEX 7 IDENTIFIER	A
462	01	00161	326003DF	LW#6	TEST+7	IX7(R)	A
463	01	00162	32700303	LW#7	SNE	IX7(B)	A
464	01	00163	0F0001CE	XPSD,0	ERRBR	TEST INDEX R7	A
465	01	00164	3250030F	LW#5	PSD#ID	PICK UP PROGRAM STATUS IDENTIFIER	A
466	01	00165	326003E4	LW#6	TEST+12	PSW1(R)	A
467	01	00166	327003C7	LW#7	TABLE+3	PSW1(B)	A
468	01	00167	0F0001CE	XPSD,0	ERRBR	TEST PSW1	A
469	01	00168	65500169	BIR#5	#+1	INCREMENT PSW IDENTIFIER	A
470	01	00169	326003E5	LW#6	TEST+13	PSW2(R)	A
471	01	0016A	327003D1	LW#7	TABLE+13	PSW2(B)	A
472	01	0016B	0F0001CE	XPSD,0	ERRBR	TEST PSW2	A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				PAGE		22
473						
474	01	0016C	32500310	LW#5	REGID	PICK UP REGISTER IDENTIFIER
475	01	0016D	48500301	ERR#5	CEE	SET REGISTER ADDRESS #C(12)
476	01	0016E	326003DC	LW#6	TEST#4	R(R)
477	01	0016F	327003C9	LW#7	TABLE#5	R(0)
478	01	00170	0F0001CE	XPSD#0	ERR#R	TEST REGISTER
479	01	00171	65500172	BIR#5	#+1	INCREMENT REGISTER IDENTIFIER
480	01	00172	326003DD	LW#6	TEST#5	RUI(R)
481	01	00173	327003CD	LW#7	TABLE#9	RUI(0)
482	01	00174	0F0001CE	XPSD#0	ERR#R	TEST REGISTER J 1
483	01	00175	32600311	LW#5	MEMID	PICK UP MEMORY IDENTIFIER
484	01	00176	326003E0	LW#6	MEMORY	MW(R)
485	01	00177	327003CB	LW#7	TABLE#7	MW(0)
486	01	00178	0F0001CE	XPSD#0	ERR#R	TEST MEMORY WORD
487	01	00179	6550017A	BIR#5	#+1	INCREMENT MEMORY IDENTIFIER
488	01	0017A	326003E1	LW#6	MEMORY#1	MW#1(R)
489	01	0017B	327003CF	LW#7	TABLE#11	MW#1(0)
490	01	0017C	0F0001CE	XPSD#0	ERR#R	TEST MEMORY WORD + 1
491	01	0017D	32500340	LW#5	ZERO	SET IDENTIFIER FOR REPORT
492	01	0017E	3260018B	LW#6	ERRIND	
493	01	0017F	69200182	BCS#2	#+3	
494	01	00180	6C000000 A	RD#0	0	READ SENSE SWITCHES
495	01	00181	692001D9	BCS#2	ZR	SS3=REPORT
496	01	00182	32600340	LW#6	BYTE	
497	01	00183	35600183	STW#6	ERRIND	
498	01	00184	6D000040 A	WD#0	XI#01	
499	01	00185	322003F3	LW#2	ERR#RS	
500	01	00186	65300187	BIR#3	#+1	INCREMENT MODULE COUNTER
501	01	00187	6C000000 A	RD#0	0	READ SENSE SWITCHES
502	01	00188	69C00107	BCS#12	CYCLE	LOOP ON CURRENT TEST (SS1 BR 2)
503	01	00189	3210011C	LW#1	FROM	RESTORE NEW LIST ADDRESS
504	01	0018A	0E0003EA	LPSD#0	MODULE	UPDATE POINTER
505	01	0018B	00000000 A	ERRIND	DATA	0

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				PAGE		23
506						
507						
508	01	0018C	32500300	SIGNAB	LW#5	19
509	01	0018D	485002EF	RIGNAB	ERR#5	NABXD
510	01	0018E	35500040		STW#5	NABTR
511	01	0018F	484002E7		ERR#4	NABAD
512	01	00190	35400060		STW#4	NAB#2
513	01	00191	6800012C		BCR#0	SETPSW
514						
515	01	00192	484002E9	JIIISW	ERR#4	JIIAD
516	01	00193	35400074		STW#4	JII#2
517	01	00194	6800012C		BCR#0	SETPSW
518						
519	01	00195	484002E8	SLSW	ERR#4	SLAD
520	01	00196	3540007A		STW#4	SL#2
521	01	00197	6800012C		BCR#0	SETPSW
522						
523	01	00198	484002E5	FXP#SW	ERR#4	FXPAD
524	01	00199	35400080		STW#4	FXP#2
525	01	0019A	6800012C		BCR#0	SETPSW
526						
527	01	0019B	484002E4	FLP#SW	ERR#4	FLPAD
528	01	0019C	35400086		STW#4	FLP#2
529	01	0019D	68000193		BCR#0	JIIISW+1
530						
531	01	0019E	484002E3	DFSW	ERR#4	DFAD
532	01	0019F	3540008C		STW#4	DF#2
533	01	001A0	68000193		BCR#0	JIIISW+1
534						
535	01	001A1	484002EA	WDTRSW	ERR#4	WDTRAD
536	01	001A2	35400092		STW#4	WDTR#2
537	01	001A3	6800012C		BCR#0	SETPSW

			SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				24	
538					PAGE			A
539			*					A
540	01	001A4	32500300	S19CL1	LW,5	I9	SET XPSD FOR CAL1	A
541	01	001A5	485002E8	R19CL1	EBR,5	CAL1XD	SET I9=1	A
542	01	001A6	35500048		STW,5	CAL1TR	SET I9=0	A
543	01	001A7	484002DF		EBR,4	CAL1AD		A
544	01	001A8	35400098		STW,4	CAL1+2		A
545	01	001A9	6800012C		BCR,0	SETPSW		A
546				*				A
547	01	001AA	32500300	S19CL2	LW,5	I9	SET XPSD FOR CAL2	A
548	01	001A3	485002EC	R19CL2	EBR,5	CAL2XD	SET I9=1	A
549	01	001AC	35500049		STW,5	CAL2TR	SET I9=0	A
550	01	001AD	484002E0		EBR,4	CAL2AD		A
551	01	001AE	354000AC		STW,4	CAL2+2		A
552	01	001AF	6800012C		BCR,0	SETPSW		A
553				*				A
554	01	001B0	32500300	S19CL3	LW,5	I9	SET XPSD FOR CAL3	A
555	01	001B1	485002E0	R19CL3	EBR,5	CAL3XD	SET I9=1	A
556	01	001B2	3550004A		STW,5	CAL3TR	SET I9=0	A
557	01	001B3	484002E1		EBR,4	CAL3AD		A
558	01	001B4	354000C0		STW,4	CAL3+2		A
559	01	001B5	6800012C		BCR,0	SETPSW		A
560				*				A
561	01	001B6	32500300	S19CL4	LW,5	I9	SET XPSD FOR CAL4	A
562	01	001B7	485002EE	R19CL4	EBR,5	CAL4XD	SET I9=1	A
563	01	001B8	35500043		STW,5	CAL4TR	SET I9=0	A
564	01	001B9	484002E2		EBR,4	CAL4AD		A
565	01	001BA	354000D4		STW,4	CAL4+2		A
566	01	001BB	6800012C		BCR,0	SETPSW		A

			SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				25	
567					PAGE			A
568					FILL	X'1CF'		
01	001BC	00000000	A					
01	001BD	00000000	A					
01	001BE	00000000	A					
01	001BF	00000000	A					
01	001C0	00000000	A					
01	001C1	00000000	A					
01	001C2	00000000	A					
01	001C3	00000000	A					
01	001C4	00000000	A					
01	001C5	00000000	A					
01	001C6	00000000	A					
01	001C7	00000000	A					
01	001C8	00000000	A					
01	001C9	00000000	A					
01	001CA	00000000	A					
01	001CB	00000000	A					
01	001CC	00000000	A					
01	001CD	00000000	A					

SIGMA 5/7 CPU DIAG FLBAT 704046-51A00				28	
			PAGE		
637					A
638	01	0020C	35A0020E	BITS	A
639	01	0020D	35A00213	STW,10	A
640	01	0020E	3290031F	LWB	A
641	01	0020F	439003F6	LW,9	PICK UP BIT 1,2,4,8 B
642	01	00210	4390032E	AND,9	(BIT)*(WORD)
643	01	00211	69300213	ANDM	(BIT)*(WORD)*(MASK)
644	01	00212	0E0003E8	BCS,3	LWB IF WORD HAS BIT IN MASK POSITION
645	01	00213	3290031F	LPSD,0	BUMP
646	01	00214	48D00009	LWBT	PICK UP BIT
647	01	00215	65A00216	LW,9	MERGE BIT WITH CHAR BEING CONSTRUCTED
648	01	00216	65C0020C	ESR,13	INCREMENT BIT PICK UP
649	01	00217	43D00335	BIR,10	INCREMENT BIT PICK UP
650	01	00218	48D002F1	BIR,12	CONTINUE CHAR CONSTRUCTION
651	01	00219	35D0021A	AND,13	PICK OF BINARY 4 BIT CHAR
652	01	0021A	32D00340	ESR,13	CONSTRUCT BYTE PICK UP WORD
653	01	0021B	43D00336	LW,13	
654	01	0021C	48D003F5	LW,13	PICK UP CONVERTED BYTE
655	01	0021D	65B0021E	ANDF	SELECT DESIRED BYTE
656	01	0021E	65E0021F	ESR,13	MERGE BYTE INTO CONVERTED WORD
657	01	0021F	65000206	BIR,11	INCREMENT CONVERTED BYTE POSITION
658	01	00220	35D003AF	BIR,14	INCREMENT SELECTED CHAR POSITION
659	01	00221	32D00204	BIR,0	TEST FOR N CHAR'S
660	01	00222	32A00205	STW,13	STORE CONVERTED WORD
661	01	00223	32C00220	LW,0	SET NUMBER PICK UP
662	01	00224	65000225	LW,10	SET FRAME PICK UP
663	01	00225	65A00226	LW,12	PICK UP STORE WORD
664	01	00226	65C00227	BIR,0	INCREMENT NUMBER PICK UP
665	01	00227	65F00201	BIR,10	INCREMENT FRAME PICK UP
666	01	00228	329003F2	BIR,12	INCREMENT STORE LOCATION
667	01	00229	32A001F3	BIR,15	INCREMENT M - BRANCH IF M NOT ZERO
668	01	0022A	65A0022B	LW,9	SET COUNT
669	01	00223	659001F2	LW,10	SET REGISTER PICK UP
				BIR,10	INCREMENT REGISTER PICK UP
				BIR,9	BRANCH TO DREG IF COUNT NOT ZERO

SIGMA 5/7 CPU DIAG FLBAT 704046-51A00				29	
			PAGE		
670					A
671				*	A
672	01	0022C	32F0030A	LW,15	OUTPUT=LEVEL 3
673	01	0022D	32E00304	LW,14	LINE COUNT (=51)
674	01	0022E	3200031C	LW,0	==2 FIRST TIME
675	01	0022F	69100244	LW,0	TEST FOR OUTPUT DEVICE
676	01	00230	65E00234	BLZ	[P]
677	01	00231	65F00239	BIR,14	SKIP6
678	01	00232	32000350	BIR,15	LINE COUNT NOT ZERO
679	01	00233	0F00025A	LW,0	PSIXCR
680	01	00234	32000351	XPSD,0	PRINT
681	01	00235	0F00025A	XPSD,0	PRINT
682	01	00236	32000352	LW,0	PTITLE
683	01	00237	0F00025A	XPSD,0	PRINT
684	01	00238	32F00309	LW,15	NEG51
685	01	00239	32000354	LW,0	PLANGL
686	01	0023A	32A00005	LW,10	5
687	01	0023B	6930023D	BCS,3	IS
688	01	0023C	32000353	LW,0	PSHRTL
689	01	0023D	0F00025A	XPSD,0	PRINT
690	01	0023E	35F0030A	STW,15	LINE
691	01	0023F	35E00304	STW,14	FIRST
692	01	00240	6D000040	WD,0	X*40
693	01	00241	0E000242	LPSD,0	GETOUT

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00 30

694				PAGE		
695				B9UND 8		
696	01	00242	003001E6	GETOUT	PZE#3	HLTEST
697	01	00243	00000000 A		PZE	
698	01	00244	CE80031C	LPS	TD#11	*TYPE
699	01	00245	68C00248		BCR#12	*#3
700	01	00246	68400244		BCR#4	*#2
701	01	00247	6800023E		B	I#+1
702	01	00248	35800318		STW#11	TEMP
703	01	00249	49800317		AND#11	MOTION
704	01	0024A	69300244		BNEZ	LPS
705	01	0024B	32800318		LW#11	TEMP
706	01	0024C	49800319		AND#11	TOP
707	01	0024D	69300256		BNEZ	LPTOP
708	01	0024E	65E00254		BIR#14	30TOP
709	01	0024F	32000357	LPMSS	LW#0	LPERR
710	01	00250	32A00005 A		LW#10	5
711	01	00251	69300253		BCE#3	*#2
712	01	00252	32000358		LW#0	LPREPORT
713	01	00253	6800023D		B	I#
714	01	00254	32000355	GBTOP	LW#0	LPGBTOP
715	01	00255	0F00025A		XPSD#0	PRINT
716	01	00256	32000356	LPTOP	LW#0	LPFORMAT
717	01	00257	0F00025A		XPSD#0	PRINT
718	01	00258	6800024F		B	LPMSS

GO IF IOP AND DEVICE ADDR RECG
 GO IF SIOP BUSY
 IO OPERATION NOT POSSIBLE

 PAPER IS MOVING
 LOOP TILL PAPER STOPS

 CHECK FOR TOP OF FORM
 OUTPUT TITLE AND HEADING
 GO TO TOP OF FORM IF FIRST PASS
 ERROR MSG CDA
 PICK UP IDENTIFIER
 REPORT
 REPORT MSG CDA

 GO TO TOP OF FORM

 PRINT TITLE AND HEADING

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00 31

719				PAGE		
720				B9UND 8		PRINT-LEVEL 4
721				PZE		
722	01	0025A	00000000 A	PRINT	PZE	
723	01	0025B	00000000 A		PZE	
724	01	0025C	0000025E		PZE#0	*#2
725	01	0025D	00000000 A		PZE	
726	01	0025E	CC80031C	BUSY	SI#11	*TYPE
727	01	0025F	68C00267		BCR#12	DBNEMS;
728	01	00260	6840025E		BCR#4	BUSY
729	01	00261	68800263		BCR#8	*#2
730	01	00262	6800026F		B	EXITIO
731	01	00263	498002FE		AND#11	6Q3
732	01	00264	498002FE		ESR#11	6Q3
733	01	00265	6830025E		BEZ	BUSY
734	01	00266	6800026F		B	EXITIO
735	01	00267	0080031C	DBNEMSG	TI#11	*TYPE
736	01	00268	68C0026F		BCR#12	EXITIO
737	01	00269	68400267		BCR#4	DBNEMSG
738	01	0026A	6880026C		BCR#8	*#2
739	01	0026B	6800026F		B	EXITIO
740	01	0026C	498002FE		AND#11	6Q3
741	01	0026D	498002FE		ESR#11	6Q3
742	01	0026E	68300267		BEZ	DBNEMSG
743	01	0026F	0E00025A	EXITIO	LPSD#0	PRINT
744	01	00270	32200277	SETRPLY	LW#2	REPLAY
745	01	00271	35200026 A		STW#2	38
746	01	00272	6C000000 A		R#0	0
747	01	00273	68800100		BCR#8	AUTO
748				*****	PREVENT COUNTER INTERRUPT IMPLEMENTATION	*****
749	01	00274	2E000000 A		WAIT	0
750	01	00275	32200340		LW#2	ZERO
751	01	00276	35200313		STW#2	CPINTM
752	01	00277	68000100	REPLAY	3	AUTO
753					B9UND	8

OUTPUT MSG
 SI# ACCEPTED
 SIOP BUSY. REPEAT SI#
 GO IF SI# NOT ACCEPTED
 IO ADDR NOT RECOGNIZED
 SAVE OPERATIONAL STATE BITS

 DEVICE BUSY. REPEAT SI#
 DEVICE NOT OPERATIONAL OR JNAVAL

 SIOP BUSY
 ACCEPTABLE SI# NOT CURRENTLY PASS
 IO ADDR NOT RECOGNIZED
 SAVE OPERATIONAL STATE BITS

 DEVICE BUSY. REPEAT TI#
 BRANCH TO AUTO IS STORED INTO L9C#26

 READ THE SENSE SWITCHES
 GO IF SS1 IS OFF
 TURN SENSE SWITCH 1 OFF.

SIGMA 5/7 CPU DIAG• FLBAT 704046-51A00 32

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754          PAGE
755 01 00278 02000000 A DONE NBP 0 NO ACTION REQUIRED SKIP TO RTC
756          *THE FOLLOWING ROUTINE IMPLEMENTS THE COUNT PULSE INTERRUPTS AFTER X'20
757          *PASSES WITHOUT ERROR
758 01 00279 3130031A RTC CWP 3 MAXCNT
759 01 0027A 69300106 BNE CYCLE=1
760 01 0027B 21200000 A CI 2 0
761 01 0027C 69300106 BNE CYCLE=1
762 01 0027D 32000313 LW 0 CPINTM
763 01 0027E 68300106 BEZ CYCLE=1 DO NOT OUTPUT MSG
764 01 0027F 32000359 LW 0 PRCHMSG
765 01 00280 0F00025A XPSD 0 PRINT
766 01 00281 32000332 LW 0 MASK 4 BITS FOR COUNTER 1,2,3 AND 4
767 01 00282 35000312 STW 0 CPINT STORED INTO CPINT
768 01 00283 68000106 XRTC B CYCLE=1 RESUME WITH FIRST MODULE
769 01 00284 000003DF N IAP DATA MEMORY=1

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SIGMA 5/7 CPU DIAG• FLBAT 704046-51A00 33

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770          PAGE
771 01 00285 00000000 A FILL X'296'
01 00286 00000000 A
01 00287 00000000 A
01 00288 00000000 A
01 00289 00000000 A
01 0028A 00000000 A
01 0028B 00000000 A
01 0028C 00000000 A
01 0028D 00000000 A
01 0028E 00000000 A
01 0028F 00000000 A
01 00290 00000000 A
01 00291 00000000 A
01 00292 00000000 A
01 00293 00000000 A
01 00294 00000000 A
01 00295 00000000 A

772          **
773          ** ENTER AT THIS POINT TO BEGIN IO COMPATIBILITY TEST
774          ** ENTER IO DEVICE ADDRESS IN LOG X'10'
775          **
776 01 00296 22E00020 A SETINTR LI 14 X'20'
777 01 00297 35E002A4 STW 14 IBM PUT IO INTERRUPT BIT IN IBM
778 01 00298 6DE01200 A WD 14 X'1200' ARM AND ENABLE IO INTERRUPT
779 01 00299 6800029E B AIO
780          R
781 01 0029A 00000106 N IOINTR DATA CYCLE=1,0,AIO,C ENTRY TO INTERRUPT ROUTINE
01 0029B 00000000 A
01 0029C 0000029E N
01 0029D 00000000 A
782 01 0029E 6EF00000 A AIO AIO 15 0 CLEAR INTERRUPT PENDING
783 01 0029F 350002A6 STW 0 SAVEO
784 01 002A0 320002A5 LW 0 DISCOMP COMMAND DOUBLEWORD ADDRESS
785 01 002A1 CC000010 A SI 0 +16 X'10' HAS DEVICE ADDRESS
786 01 002A2 320002A6 LW 0 SAVEO RESTORE C(RO)
787 01 002A3 0E30029A LPSD 3 IOINTR RETURN TO PROGRAM
788 01 002A4 00000000 A IBM DATA 0 CHANGED TO X'20' FOR IO COMPAT.

```

789 01 002A5 SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00
 00000154 N P18C8MP P 18C8MP CDA 34
 790 01 002A6 00000000 A SAVED DATA 0

791 SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00 35
 792 PAGE
 793 01 002A8 05000AAR N 18C8MP J BRND R
 794 01 002A9 500000 A GEN#24 5,C8MP-1 CDA
 795 01 002A9 3 31154040 A COMP TEXTC IN '1500000' IB COMPATIBILITY TEST IS IN PROGRESS'
 01 002AA 3 40404040 A
 01 002A3 3 40404040 A
 01 002AC 3 4040C9D6 A
 01 002AD 3 40C3D6D4 A
 01 002AE 3 D7C1E3C9 A
 01 002AF 3 C2C9D3C9 A
 01 002B0 3 E3E840E3 A
 01 002B1 3 C5E2E340 A
 01 002B2 3 C9E240C9 A
 01 002B3 3 D540D7D9 A
 01 002B4 3 D6C7D9C5 A
 01 002B5 3 E2E24040 A

		SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				36	
		PAGE					
		ORG				X'1209'	
796							A
797	01 002D9						
	01 002D9						
798			*			CONSTANTS AND WORKING STORAGE	A
799	01 002D9	43D00336	ANFR8	AND#13	FILTER	PICK OFF CONVERTED BYTE	A
800	01 002DA	43D00338	ANFR2	AND#13	FILTER+2		A
801	01 002DB	4390032E	ANMK	AND#9	MASK	PICK OFF CHAR. TO BE CONVERTED	A
802	01 002DC	000003E0	INDA	PZE#0	MEMBRY	INDIRECT ADDRESS	A
803	01 002DD	00000145	L0C2AD	PZE#0	L0C+2		A
804	01 002DE	00000143	L0CADD	PZE#0	L0C		A
805	01 002DF	0000009A	CAL1AD	PZE#0	CAL1+4		A
806	01 002E0	000000AE	CAL2AD	PZE#0	CAL2+4		A
807	01 002E1	000000C2	CAL3AD	PZE#0	CAL3+4		A
808	01 002E2	000000D6	CAL4AD	PZE#0	CAL4+4		A
809	01 002E3	0000008E	DFAD	PZE#0	DF+4		A
810	01 002E4	00000088	FLPFAD	PZE#0	FLPF+4		A
811	01 002E5	00000082	FXP0AD	PZE#0	FXP0+4		A
812	01 002E6	000003E0	MEMAD	PZE#0	DA(MEMORY)		A
813	01 002E7	00000062	NABAD	PZE#0	NAB+4		A
814	01 002E8	0000007C	SLAD	PZE#0	SL+4		A
815	01 002E9	00000076	UIIAD	PZE#0	UII+4		A
816	01 002EA	00000094	WDTRAD	PZE#0	WDTR+4		A
817	01 002EB	0F000096	CAL1XD	XPSD#0	CAL1		A
818	01 002EC	0F0000AA	CAL2XD	XPSD#0	CAL2		A
819	01 002ED	0F0000BE	CAL3XD	XPSD#0	CAL3		A
820	01 002EE	0F0000D2	CAL4XD	XPSD#0	CAL4		A
821	01 002EF	0F00005E	NABXD	XPSD#0	NAB		A

		SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00				37	
		PAGE					
822							
823	01 002F0	3290031F	LWRIT	LW#9	BIT	PICK UP MARCHING BITS	A
824	01 002F1	32D00340	LWBYE	LW#13	BYTE	SELECT BYTE	A
825	01 002F2	32A00001 A	L0ADR	LW#10	1	PICK UP REGISTERS FOR OUTPUT	A
826	01 002F3	32000324	LWN	LW#0	NUMBER	PICK UP NUMBERS	A
827	01 002F4	32000326	LWN2	LW#0	NUMBER+2		A
828	01 002F5	32000329	LWFRM	LW#13	FRAME	PICK UP FRAMES	A
829	01 002F6	32D0032B	LWFRM2	LW#13	FRAME+2		A
830	01 002F7	32400408	L0AD	LW#4	LIST	LOAD TRANSFER VEHICAL WITH DATA M00JA	A
831	01 002F8	00000184	RETEND	PZE#0	END	RETURN TO END	A
832	01 002F9	354003C4	ST0RE	STW#4	TABLE	SET TABLE	A
833	01 002FA	350003AF	STRMGI	STW#13	IMAGE+1		A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00						40	
876				PAGE			A
877	01	00324	FFFFFFC A	NUMBER	DATA	-4	A
878	01	00325	FFFFFFC A		DATA	-4	A
879	01	00326	FFFFFFE A		DATA	-2	A
880	01	00327	FFFFFFC A		DATA	-4	A
881	01	00328	FFFFFFE A		DATA	-2	A
882	01	00329	F0F0F0F0 A	FRAME	DATA	X'F0F0F0F0'	A
883	01	0032A	F0F0F0F0 A		DATA	X'F0F0F0F0'	A
884	01	0032B	4040F0F0 A		DATA	X'4040F0F0'	A
885	01	0032C	F0F0F0F0 A		DATA	X'F0F0F0F0'	A
886	01	0032D	F0F04040 A		DATA	X'F0F04040'	A
887	01	0032E	F0000000 A	MASK	DATA	X'F0000000'	A
888	01	0032F	0F000000 A		DATA	X'F0000000'	A
889	01	00330	00F00000 A		DATA	X'F0000000'	A
890	01	00331	000F0000 A		DATA	X'F0000000'	A
891	01	00332	0000F000 A		DATA	X'F0000000'	A
892	01	00333	00000F00 A		DATA	X'F0000000'	A
893	01	00334	000000F0 A		DATA	X'F0000000'	A
894	01	00335	0000000F A		DATA	X'F0000000'	A
895	01	00336	FF000000 A	FILTER	DATA	X'FF000000'	A
896	01	00337	00FF0000 A		DATA	X'FF000000'	A
897	01	00338	0000FF00 A		DATA	X'FF000000'	A
898	01	00339	000000FF A		DATA	X'FF000000'	A
899	01	0033A	FF000000 A		DATA	X'FF000000'	A
900	01	0033B	00FF0000 A		DATA	X'FF000000'	A
901	01	0033C	0000FF00 A		DATA	X'FF000000'	A
902	01	0033D	000000FF A		DATA	X'FF000000'	A
903	01	0033E	FF000000 A		DATA	X'FF000000'	A
904	01	0033F	00FF0000 A		DATA	X'FF000000'	A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00						41	
905				PAGE			
906				FILL	X'340'		
907			**				

TO PROVIDE A 64 WORD BOUNDARY
REQUIRED FOR THE FORMAT ROUTINE

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SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00

908					PAGE			
909	01	00340	00000000	A	BYTE	DATA	0	A
910	01	00341	01010101	A		DATA	X'01010101'	A
911	01	00342	02020202	A		DATA	X'02020202'	A
912	01	00343	03030303	A		DATA	X'03030303'	A
913	01	00344	04040404	A		DATA	X'04040404'	A
914	01	00345	05050505	A		DATA	X'05050505'	A
915	01	00346	06060606	A		DATA	X'06060606'	A
916	01	00347	07070707	A		DATA	X'07070707'	A
917	01	00348	08080808	A		DATA	X'08080808'	A
918	01	00349	09090909	A		DATA	X'09090909'	A
919	01	0034A	31313131	A		DATA	X'31313131'	A
920	01	0034B	32323232	A		DATA	X'32323232'	A
921	01	0034C	33333333	A		DATA	X'33333333'	A
922	01	0034D	34343434	A		DATA	X'34343434'	A
923	01	0034E	35353535	A		DATA	X'35353535'	A
924	01	0034F	36363636	A		DATA	X'36363636'	A

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SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00

925								
926					*			COMMAND PAIRS
927	01	00350	000001AD	N	PSIXCR	P	SIXCR	A
928	01	00351	000001AE	N	PTITLE	P	TITLE	A
929	01	00352	000001AF	N	PHEAD	P	HEAD	A
930	01	00353	000001B0	N	PSHRTL	P	SHRTL	A
931	01	00354	000001B1	N	PLBNGL	P	LBNGL	A
932	01	00355	000001B2	N	LPGBTOP	P	PGBTOP	A
933	01	00356	000001B7	N	LPFORMAT	P	PFORMAT	A
934	01	00357	000001B3	N	LPERR	P	PERR	A
935	01	00358	000001B5	N	LPREPRT	P	PREPRT	A
936	01	00359	000001B8	N	PRTMSG	P	RTMSG	A
937							BOUND 8	
938	01	0035A	05000E2C	N	SIXCR	J	5,TTL	A
939	01	0035B	08000006	A		DATA	X'R000006'	A
940	01	0035C	05000E2C	N	TITLE	J	5,TTL	A
941	01	0035D	08000039	A		DATA	X'R0000039'	A
942	01	0035E	05000E68	N	HEAD	J	5,HD3	A
943	01	0035F	08000050	A		DATA	X'R0000050'	A
944	01	00360	05000E8B	N	SHRTL	J	5,IMAGE	A
945	01	00361	0800002C	A		DATA	X'R000002C'	A
946	01	00362	05000E8B	N	LBNGL	J	5,IMAGE	A
947	01	00363	08000054	A		DATA	X'R0000054'	A

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00 44

948					PAGE		
949	01	00364	03000C6C	N	P88T8P	J	3,P88
950	01	00365	08000001	A		GEN#8,24	8,1
951	01	00366	01000C50	N	PERR	J	1,SPACE
952	01	00367	80000008	A		GEN#4,28	8,8
953	01	00368	01000EBC	N		J	1,IMAGE+1
954	01	00369	08000050	A		DATA	X'8000050'
955	01	0036A	01000C50	N	PREP8RT	J	1,SPACE
956	01	0036B	80000008	A		GEN#4,28	8,8
957	01	0036C	01000EBC	N		J	1,IMAGE+1
958	01	0036D	08000028	A		DATA	X'8000028'
959	01	0036E	01000C50	N	PFORMAT	J	1,SPACE
960	01	0036F	80000008	A		GEN#4,28	8,8
961	01	00370	01000E34	N		J	1,TTL+2
962	01	00371	20000031	A		GEN#8,24	32,49
963	01	00372	01000C50	N		J	1,SPACE
964	01	00373	80000008	A		GEN#4,28	8,11
965	01	00374	01000E6C	N		J	1,H0G+1
966	01	00375	0800004C	A		GEN#8,24	X'81,X'4C'

SIGMA 5/7 CPU DIAG. FLBAT 704046-51A00 45

967					PAGE		
968	01	00376	05000DE0	N	RTMSG	J	5,MSG+1
969	01	00377	080000	A		GEN#24	X'080000'
970					MSG	TEXTC	IN
971	01	00377	3	44154040	A		REAL TIME CLOCKS IN USE. TO DISABLE, ','
	01	00378	3	40404040	A		' CP INTERRUPT AND CLEAR R5'
	01	00379	3	40404040	A		
	01	0037A	3	4040D9C5	A		
	01	0037B	3	C1D340E3	A		
	01	0037C	3	C9D4C540	A		
	01	0037D	3	C3D3D6C3	A		
	01	0037E	3	D2E240C9	A		
	01	0037F	3	D540E4E2	A		
	01	00380	3	C54340E3	A		
	01	00381	3	D640C4C9	A		
	01	00382	3	E2C1C2D3	A		
	01	00383	3	C56B40C3	A		
	01	00384	3	D740C9D5	A		
	01	00385	3	E3C5D9D9	A		
	01	00386	3	E4D7E340	A		
	01	00387	3	C1D5C440	A		
	01	00388	3	C3D3C5C1	A		
	01	00389	3	D940D9F5	A		
972					BRUND		4

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A

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				PAGE	
973					
974	01	0038B	15151515 A	TTL	DATA X'15151515'
975	01	0038C	15151540 A		DATA X'15151540'
976	01	0038D	40404040 A		DATA X'40404040'
977	01	0038E	40404040 A		DATA X'40404040'
978	01	0038F	40404040 A		DATA X'40404040'
979	01	00390	40404040 A		DATA X'40404040'
980	01	00391	40404040 A		DATA X'40404040'
981	01	00392	40404040 A		DATA X'40404040'
982	01	00393	40404040 A		DATA X'40404040'
983	01	00394	4040C6D3 A		DATA X'4040C6D3' X'D6C1E340'
	01	00395	D6C1E340 A		
984	01	00396	C5D9D9D6 A		DATA X'C5D9D9D6'
985	01	00397	D940C4C9 A		DATA X'D940C4C9'
986	01	00398	E2D7D3C1 A		DATA X'E2D7D3C1'
987	01	00399	E8404040 A		DATA X'E8404040'

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				PAGE	
988					
989	01	0039A	15404040 A	HD3	DATA X'15404040'
990	01	0039B	40D3C9E2 A		DATA X'40D3C9E2'
991	01	0039C	E3404040 A		DATA X'E3404040'
992	01	0039D	4040C5D9 A		DATA X'4040C5D9'
993	01	0039E	D9D6D9E2 A		DATA X'D9D6D9E2'
994	01	0039F	40404040 A		DATA X'40404040'
995	01	003A0	D7C1E2E2 A		DATA X'D7C1E2E2'
996	01	003A1	C5E24040 A		DATA X'C5E24040'
997	01	003A2	404040C9 A		DATA X'404040C9'
998	01	003A3	D5E2E340 A		DATA X'D5E2E340'
999	01	003A4	4040C9C4 A		DATA X'4040C9C4'
1000	01	003A5	C5D5E3C9 A		DATA X'C5D5E3C9'
1001	01	003A6	C6C9C5D9 A		DATA X'C6C9C5D9'
1002	01	003A7	40404040 A		DATA X'40404040'
1003	01	003A8	C9E24040 A		DATA X'C9E24040'
1004	01	003A9	4040E2C8 A		DATA X'4040E2C8'
1005	01	003AA	D6E4D3C4 A		DATA X'D6E4D3C4'
1006	01	003AB	40C2C540 A		DATA X'40C2C540'
1007	01	003AC	404040C4 A		DATA X'404040C4'
1008	01	003AD	C9C6C615 A		DATA X'C9C6C615'

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1009					PAGE		
1010	01	003AE	40404015	A	IMAGE	DATA	X'40404015'
1011	01	003AF	00000000	A		FILL	8+19
	01	003B0	00000000	A			
	01	003B1	00000000	A			
	01	003B2	00000000	A			
	01	003B3	00000000	A			
	01	003B4	00000000	A			
	01	003B5	00000000	A			
	01	003B6	00000000	A			
	01	003B7	00000000	A			
	01	003B8	00000000	A			
	01	003B9	00000000	A			
	01	003BA	00000000	A			
	01	003BB	00000000	A			
	01	003BC	00000000	A			
	01	003BD	00000000	A			
	01	003BE	00000000	A			
	01	003BF	00000000	A			
	01	003C0	00000000	A			
	01	003C1	00000000	A			
1012	01	003C2	40404040	A	BLANK	DATA	X'40404040'

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1013					PAGE		
1014					BOUND 8		
1015	01	003C4		A	TABLE	RES	0
1016	01	003C4	00000000	A		DATA	0
1017	01	003C5	00000000	A		DATA	0
1018	01	003C6	00000000	A		DATA	0
1019	01	003C7	00000000	A		DATA	0
1020	01	003C8	00000000	A		DATA	0
1021	01	003C9	00000000	A		DATA	0
1022	01	003CA	00000000	A		DATA	0
1023	01	003CB	00000000	A		DATA	0
1024	01	003CC	00000000	A		DATA	0
1025	01	003CD	00000000	A		DATA	0
1026	01	003CE	00000000	A		DATA	0
1027	01	003CF	00000000	A		DATA	0
1028	01	003D0	00000000	A		DATA	0
1029	01	003D1	00000000	A		DATA	0
1030	01	003D2	00000000	A		DATA	0
1031	01	003D3	00000000	A		DATA	0
1032	01	003D4	00000000	A		DATA	0
1033	01	003D5	00000000	A		DATA	0
1034	01	003D6	00000000	A		DATA	0,0
	01	003D7	00000000	A			

NEG COUNT OF WORDS IN CURRENT MODULE
 INSTRUCTION BEING TESTED
 PSW1 IN
 PSW1 BUT
 R IN
 R BUT
 MEMORY IN
 MEMORY BUT
 RUI IN
 RUI BUT
 MEMORY+1 IN
 MEMORY+1 BUT
 PSW2 IN
 PSW2 BUT
 OLD PSW1 = USED ONLY FOR XPSD TEST
 OLD PSW2 = USED ONLY FOR XPSD TEST
 NEW PSW2 = USED ONLY FOR XPSD TEST
 NEW PSW1 = USED ONLY FOR EPSD TEST

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1072				PAGE		
1073	01	003F7	0F0003F8	SPURTRAP	XPSD#0	SPUR
1074				BOUND	8	
1075	01	003F8	00000000 A	SPUR	PZE	0
1076	01	003F9	00000000 A		PZE	0
1077	01	003FA	000003FC		PZE#0	*#2
1078	01	003FB	07000000 A		DATA	X'07000000'
1079	01	003FC	32500312		LW#5	CPINT
1080	01	003FD	6D501300 A		WD#5	X'1300'
1081	01	003FE	323003F4		LW#3	PASSES
1082	01	003FF	322003F3		LW#2	ERRORS
1083	01	00400	32100113		LW#1	SAVE
1084	01	00401	3200031C		LW#0	TYPE
1085	01	00402	2E000000 A		WAIT#0	0
1086						ERROR HALT
1087						
1088						
1089						
1090	01	00403	43500332		AND#5	MASK**
1091	01	00404	35500312		STW#5	CPINT
1092	01	00405	3500031C		STW#0	TYPE
1093	01	00406	35500313		STW#5	CPINTM
1094	01	00407	0E3003EA		LPSD#3	REPEAT
1095					BOUND	8

* CHECK THE CONTENTS OF 3E4 (RETURN) TO DETERMINE THE LOCATION +1 OF
* THE XPSD THAT WAS EXECUTED AS A RESULT OF A SPURIOUS TRAP.

* SAVE ONLY BITS 16-19
* SELECTED INTERRUPTS
* SELECTED I/O ADDR
* MASK FOR SELECTED INTERRUPTS
* RELEASE PANEL INTERRUPT-REPEAT TEST

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1096				PAGE		
1097	01	00408		LIST	RES	0
1098	01	00408	FFFFFFFF A	FAL01	DATA	-12
1099	01	00409	10C003E0		FAL#12	MEMORY
1100	01	0040A	00300198 N		K	0,0,3,FLPFSW
1101	01	0040B	10300145 N		K	1,0,3,LC+2
1102	01	0040C	BFAAAAAA A		DATA	X'BFAAAAAA'
1103	01	0040D	BF555555 A		DATA	X'BF555555'
1104	01	0040E	BFAAAAAA A		DATA	X'BFAAAAAA'
1105	01	0040F	BFAAAAAA A		DATA	X'BFAAAAAA'
1106	01	00410	AAAAAAA A		DATA	X'AAAAAAA'
1107	01	00411	55555554 A		DATA	X'55555554'
1108	01	00412	AAAAAAA A		DATA	X'AAAAAAA'
1109	01	00413	AAAAAAA A		DATA	X'AAAAAAA'
1110	01	00414	FFFFFFFF A	FAL02	DATA	-12
1111	01	00415	10C003E0		FAL#12	MEMORY
1112	01	00416	00300198 N		K	0,0,3,FLPFSW
1113	01	00417	10300145 N		K	1,0,3,LC+2
1114	01	00418	C0555555 A		DATA	X'C0555555'
1115	01	00419	BFEAAAAA A		DATA	X'BFEAAAAA'
1116	01	0041A	C0555555 A		DATA	X'C0555555'
1117	01	00413	C0555555 A		DATA	X'C0555555'
1118	01	0041C	55555555 A		DATA	X'55555555'
1119	01	0041D	AAAAAAA B		DATA	X'AAAAAAA B'
1120	01	0041E	55555555 A		DATA	X'55555555'
1121	01	0041F	55555555 A		DATA	X'55555555'
1122	01	00420	FFFFFFFF A	FAL03	DATA	-12
1123	01	00421	10C003E0		FAL#12	MEMORY
1124	01	00422	00300198 N		K	0,0,3,FLPFSW
1125	01	00423	20300145 N		K	2,0,3,LC+2
1126	01	00424	407FFFFFF A		DATA	X'407FFFFFF'
1127	01	00425	40800000 A		DATA	X'40800000'
1128	01	00426	40000000 A		DATA	X'40000000'
1129	01	00427	40000000 A		DATA	X'40000000'
1130	01	00428	FFFFFFFF A		DATA	X'FFFFFFFF'
1131	01	00429	00000000 A		DATA	X'0'
1132	01	0042A	00000001 A		DATA	X'1'
1133	01	0042B	00000001 A		DATA	X'1'

CARRY INTO PRIME ADDE

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1134				PAGE			
1135	01	0042C	FFFFFFFF A	FAL04	DATA	-12	FAL CARRY INTS PRIME ADDE
1136	01	0042D	10C003E0		FAL#12	MEMORY	
1137	01	0042E	0030019B N		K	0,0,3,FLPFSW	
1138	01	0042F	20300145 N		K	2,0,3,LBC+2	
1139	01	00430	40000000 A		DATA	X'40000000'	
1140	01	00431	41100000 A		DATA	X'41100000'	
1141	01	00432	40FFFFFF A		DATA	X'40FFFFFF'	
1142	01	00433	40FFFFFF A		DATA	X'40FFFFFF'	
1143	01	00434	00000001 A		DATA	X'11'	
1144	01	00435	00000000 A		DATA	X'10'	
1145	01	00436	FFFFFFFF A		DATA	X'FFFFFFFF'	
1146	01	00437	FFFFFFFF A		DATA	X'FFFFFFFF'	
1147	01	00438	FFFFFFFF A	FAL05	DATA	-12	FAL FN=1 ZERO RESULT UNNORM
1148	01	00439	10C003E0		FAL#12	MEMORY	
1149	01	0043A	0730019B N		K	0,7,3,FLPFSW	
1150	01	0043B	07300145 N		K	0,7,3,LBC+2	
1151	01	0043C	00000000 A		DATA	X'10'	
1152	01	0043D	00000000 A		DATA	X'10'	
1153	01	0043E	00000000 A		DATA	X'10'	
1154	01	0043F	00000000 A		DATA	X'10'	
1155	01	00440	00000000 A		DATA	X'10'	
1156	01	00441	00000000 A		DATA	X'10'	
1157	01	00442	00000000 A		DATA	X'10'	
1158	01	00443	00000000 A		DATA	X'10'	
1159	01	00444	FFFFFFFF A	FAL06	DATA	-12	FAL FN=1 PBS RESULT UNNORM
1160	01	00445	9DC0284		FAL#12	+IAP,7	
1161	01	00446	0730019B N		K	0,7,3,FLPFSW	
1162	01	00447	27300145 N		K	2,7,3,LBC+2	
1163	01	00448	4000003F A		DATA	X'4000003F'	
1164	01	00449	4000007F A		DATA	X'4000007F'	
1165	01	0044A	4000003F A		DATA	X'4000003F'	
1166	01	0044B	4000003F A		DATA	X'4000003F'	
1167	01	0044C	FFFFFFFF A		DATA	X'FFFFFFFF'	
1168	01	0044D	FFFFFFFF A		DATA	X'FFFFFFFF'	
1169	01	0044E	FFFFFFFF A		DATA	X'FFFFFFFF'	
1170	01	0044F	FFFFFFFF A		DATA	X'FFFFFFFF'	

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1171				PAGE			
1172	01	00450	FFFFFFFF A	FAL07	DATA	-12	FAL FN=1 NEG RESULT UNNORM
1173	01	00451	9DC003DA		FAL#12	+IA	
1174	01	00452	0730019B N		K	0,7,3,FLPFSW	
1175	01	00453	17300145 N		K	1,7,3,LBC+2	
1176	01	00454	4000003F A		DATA	X'4000003F'	
1177	01	00455	8FFFFFFD A		DATA	X'8FFFFFFD'	
1178	01	00456	8FFFFFF9 A		DATA	X'8FFFFFF9'	
1179	01	00457	8FFFFFF9 A		DATA	X'8FFFFFF9'	
1180	01	00458	FFFFFFFF A		DATA	X'FFFFFFFF'	
1181	01	00459	00000000 A		DATA	X'10'	
1182	01	0045A	00000001 A		DATA	X'11'	
1183	01	0045B	00000001 A		DATA	X'11'	
1184	01	0045C	FFFFFFFF A	FAL08	DATA	-12	FAL FN=0,FZ=0,UNDERFLOW
1185	01	0045D	10C003E0		FAL#12	MEMORY	
1186	01	0045E	0430019B N		K	0,4,3,FLPFSW	
1187	01	0045F	C4300145 N		K	12,4,3,LBC+2	
1188	01	00460	00010000 A		DATA	X'100010000'	
1189	01	00461	00000000 A		DATA	X'10'	
1190	01	00462	00010000 A		DATA	X'100010000'	
1191	01	00463	00010000 A		DATA	X'100010000'	
1192	01	00464	FFFFFFFF A		DATA	X'FFFFFFFF'	
1193	01	00465	00000000 A		DATA	X'10'	
1194	01	00466	00000001 A		DATA	X'11'	
1195	01	00467	00000001 A		DATA	X'11'	
1196	01	00468	FFFFFFFF A	FAL09	DATA	-12	FAL FN=0,FZ=1,JFLB, RES,TRAP
1197	01	00469	10C003E0		FAL#12	MEMORY	
1198	01	0046A	0230019B N		K	0,2,3,FLPFSW	
1199	01	0046B	E230008A N		K	14,2,3,FPFRET+1	
1200	01	0046C	00010000 A		DATA	X'100010000'	
1201	01	0046D	00010000 A		DATA	X'100010000'	
1202	01	0046E	00010000 A		DATA	X'100010000'	
1203	01	0046F	00010000 A		DATA	X'100010000'	
1204	01	00470	00000000 A		DATA	X'10'	
1205	01	00471	00000000 A		DATA	X'10'	
1206	01	00472	00000000 A		DATA	X'10'	
1207	01	00473	00000000 A		DATA	X'10'	

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1208					PAGE					
1209	01	00474	FFFFFFFF4	A	FAL10	DATA	-12	FAL	FN=0,FZ=1,UFLB,-RES,TRAP	F
1210	01	00475	10C003E0			FAL,12	MEMBRY			F
1211	01	00476	0630019B	N		K	0,6,3,FLPFSW			F
1212	01	00477	8630008A	N		K	8,6,3,FPFRET+1			F
1213	01	00478	FFFFFF0000	A		DATA	X'FFFFFF0000'			F
1214	01	00479	FFFFFF0000	A		DATA	X'FFFFFF0000'			F
1215	01	0047A	00010000	A		DATA	X'00010000'			F
1216	01	0047B	00010000	A		DATA	X'00010000'			F
1217	01	0047C	00000000	A		DATA	X'0'			F
1218	01	0047D	00000000	A		DATA	X'0'			F
1219	01	0047E	00000000	A		DATA	X'0'			F
1220	01	0047F	00000000	A		DATA	X'0'			F
1221	01	00480	FFFFFFFF4	A	FAL11	DATA	-12	FAL	FN=0,FS=0,RES=0	F
1222	01	00481	10C003E0			FAL,12	MEMBRY			F
1223	01	00482	0030019B	N		K	0,0,3,FLPFSW			F
1224	01	00483	80300145	N		K	8,0,3,L9C+2			F
1225	01	00484	00000000	A		DATA	X'0'			F
1226	01	00485	00000000	A		DATA	X'0'			F
1227	01	00486	00000000	A		DATA	X'0'			F
1228	01	00487	00000000	A		DATA	X'0'			F
1229	01	00488	00000000	A		DATA	X'0'			F
1230	01	00489	00000000	A		DATA	X'0'			F
1231	01	0048A	00000000	A		DATA	X'0'			F
1232	01	0048B	00000000	A		DATA	X'0'			F
1233	01	0048C	FFFFFFFF4	A	FAL12	DATA	-12	FAL	FN=0,FS=1,RES=0,TRAP	F
1234	01	0048D	10C003E0			FAL,12	MEMBRY			F
1235	01	0048E	0430019B	N		K	0,4,3,FLPFSW			F
1236	01	0048F	8430008A	N		K	8,4,3,FPFRET+1			F
1237	01	00490	00000000	A		DATA	X'0'			F
1238	01	00491	00000000	A		DATA	X'0'			F
1239	01	00492	00000000	A		DATA	X'0'			F
1240	01	00493	00000000	A		DATA	X'0'			F
1241	01	00494	00000000	A		DATA	X'0'			F
1242	01	00495	00000000	A		DATA	X'0'			F
1243	01	00496	00000000	A		DATA	X'0'			F
1244	01	00497	00000000	A		DATA	X'0'			F

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1245					PAGE					F
1246	01	00498	FFFFFFFF4	A	FAL13	DATA	-12	FAL	FN=0,FS=0,+RES,>2 SHIFTS	F
1247	01	00499	10C003E0			FAL,12	MEMBRY			F
1248	01	0049A	0230019B	N		K	0,2,3,FLPFSW			F
1249	01	0049B	A2300145	N		K	10,2,3,L9C+2			F
1250	01	0049C	40000100	A		DATA	X'40000100'			F
1251	01	0049D	30200000	A		DATA	X'30200000'			F
1252	01	0049E	40000100	A		DATA	X'40000100'			F
1253	01	0049F	40000100	A		DATA	X'40000100'			F
1254	01	004A0	00000000	A		DATA	X'0'			F
1255	01	004A1	00000000	A		DATA	X'0'			F
1256	01	004A2	00000000	A		DATA	X'0'			F
1257	01	004A3	00000000	A		DATA	X'0'			F
1258	01	004A4	FFFFFFFF4	A	FAL14	DATA	-12	FAL	FN=0,FS=0,-RES,>2 SHIFTS	F
1259	01	004A5	10C003E0			FAL,12	MEMBRY			F
1260	01	004A6	0230019B	N		K	0,2,3,FLPFSW			F
1261	01	004A7	92300145	N		K	9,2,3,L9C+2			F
1262	01	004A8	40000100	A		DATA	X'40000100'			F
1263	01	004A9	C2F00000	A		DATA	X'C2F00000'			F
1264	01	004AA	BFFFFFFE00	A		DATA	X'BFFFFFFE00'			F
1265	01	004AB	BFFFFFFE00	A		DATA	X'BFFFFFFE00'			F
1266	01	004AC	00000000	A		DATA	X'0'			F
1267	01	004AD	00000000	A		DATA	X'0'			F
1268	01	004AE	00000000	A		DATA	X'0'			F
1269	01	004AF	00000000	A		DATA	X'0'			F
1270	01	004B0	FFFFFFFF4	A	FAL15	DATA	-12	FAL	FN=0,FS=0,UFLB,FZ=0,>2 SHIFTS	F
1271	01	004B1	10C003E0			FAL,12	MEMBRY			F
1272	01	004B2	0030019B	N		K	0,0,3,FLPFSW			F
1273	01	004B3	C0300145	N		K	12,0,3,L9C+2			F
1274	01	004B4	00001000	A		DATA	X'00001000'			F
1275	01	004B5	00000000	A		DATA	X'0'			F
1276	01	004B6	00001000	A		DATA	X'00001000'			F
1277	01	004B7	00001000	A		DATA	X'00001000'			F
1278	01	004B8	00000000	A		DATA	X'0'			F
1279	01	004B9	00000000	A		DATA	X'0'			F
1280	01	004BA	00000000	A		DATA	X'0'			F
1281	01	004BB	00000000	A		DATA	X'0'			F

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1282					PAGE					
1283	01	0048C	FFFFFFF4	A	FAL16	DATA	=12	FAL	FN=0,FS=0,JFL0,FZ=1,+RES,	
1284	01	0048D	1DC003E0			FAL,12	MEMBRY		>2 SHIFTS, TRAP	
1285	01	0048E	0230019B	N		K	0,2,3,FLPFSW			
1286	01	0048F	E230008A	N		K	14,2,3,FPFRET+1			
1287	01	004C0	00001000	A		DATA	X'00001000'			
1288	01	004C1	00001000	A		DATA	X'1000'			
1289	01	004C2	00001000	A		DATA	X'00001000'			
1290	01	004C3	00001000	A		DATA	X'1000'			
1291	01	004C4	00000000	A		DATA	X'0'			
1292	01	004C5	00000000	A		DATA	X'0'			
1293	01	004C6	00000000	A		DATA	X'0'			
1294	01	004C7	00000000	A		DATA	X'0'			
1295	01	004C8	FFFFFFF4	A	FAL17	DATA	=12	FAL	FN=0,FS=0,JFL0,FZ=1,-RES,	
1296	01	004C9	1DC003E0			FAL,12	MEMBRY		>2 SHIFTS, TRAP	
1297	01	004CA	0230019B	N		K	0,2,3,FLPFSW			
1298	01	004CB	0230008A	N		K	13,2,3,FPFRET+1			
1299	01	004CC	00000100	A		DATA	X'00000100'			
1300	01	004CD	00000100	A		DATA	X'100'			
1301	01	004CE	FFFFFFE0	A		DATA	X'FFFFFFE00'			
1302	01	004CF	FFFFFFE0	A		DATA	X'FFFFFFE00'			
1303	01	004D0	00000000	A		DATA	X'0'			
1304	01	004D1	00000000	A		DATA	X'0'			
1305	01	004D2	00000000	A		DATA	X'0'			
1306	01	004D3	00000000	A		DATA	X'0'			
1307	01	004D4	FFFFFFF4	A	FAL18	DATA	=12	FAL	FN=0,FS=1,+RES,>2 SHIFTS,	
1308	01	004D5	1DC003E0			FAL,12	MEMBRY			
1309	01	004D6	0630019B	N		K	0,6,3,FLPFSW			
1310	01	004D7	A630008A	N		K	10,6,3,FPFRET+1			
1311	01	004D8	40000100	A		DATA	X'40000100'			
1312	01	004D9	40000100	A		DATA	X'40000100'			
1313	01	004DA	40000100	A		DATA	X'40000100'			
1314	01	004DB	40000100	A		DATA	X'40000100'			
1315	01	004DC	00000000	A		DATA	X'0'			
1316	01	004DD	00000000	A		DATA	X'0'			
1317	01	004DE	00000000	A		DATA	X'0'			
1318	01	004DF	00000000	A		DATA	X'0'			

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1319						PAGE				
1320	01	004E0	FFFFFFF4	A	FAL19	DATA	=12	FAL	FN=0,FS=1,-RES,>2 SHIFTS,	
1321	01	004E1	1DC003E0			FAL,12	MEMBRY		TRAP	
1322	01	004E2	0430019B	N		K	0,4,3,FLPFSW			
1323	01	004E3	9430008A	N		K	9,4,3,FPFRET+1			
1324	01	004E4	40000100	A		DATA	X'40000100'			
1325	01	004E5	40000100	A		DATA	X'40000100'			
1326	01	004E6	BFFFFFFE	A		DATA	X'BFFFFFFE00'			
1327	01	004E7	BFFFFFFE	A		DATA	X'BFFFFFFE00'			
1328	01	004E8	00000000	A		DATA	X'0'			
1329	01	004E9	00000000	A		DATA	X'0'			
1330	01	004EA	00000000	A		DATA	X'0'			
1331	01	004EB	00000000	A		DATA	X'0'			

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1332					PAGE		
1333	01	004EC	FFFFFFFF A	FAS01	DATA	-12	FAS
1334	01	004ED	30C003E0		FAS:12	MEMBRY	
1335	01	004EE	00300198 N		K	0,0,3,FLPFSW	
1336	01	004EF	80300145 N		K	8,0,3,L8C+2	
1337	01	004F0	00000000 A		DATA	X'0'	
1338	01	004F1	00000000 A		DATA	X'0'	
1339	01	004F2	00000000 A		DATA	X'0'	
1340	01	004F3	00000000 A		DATA	X'0'	
1341	01	004F4	00000000 A		DATA	X'0'	
1342	01	004F5	00000000 A		DATA	X'0'	
1343	01	004F6	00000000 A		DATA	X'0'	
1344	01	004F7	00000000 A		DATA	X'0'	
1345	01	004F8	FFFFFFFF A	FAS02	DATA	-12	FAS
1346	01	004F9	30C003E0		FAS:12	MEMBRY	
1347	01	004FA	00300198 N		K	0,0,3,FLPFSW	
1348	01	004FB	20300145 N		K	2,0,3,L8C+2	
1349	01	004FC	00FFFFFF A		DATA	X'00FFFFFF'	
1350	01	004FD	00FFFFFF A		DATA	X'00FFFFFF'	
1351	01	004FE	00000000 A		DATA	X'0'	
1352	01	004FF	00000000 A		DATA	X'0'	
1353	01	00500	00000000 A		DATA	X'0'	
1354	01	00501	00000000 A		DATA	X'0'	
1355	01	00502	00000000 A		DATA	X'0'	
1356	01	00503	00000000 A		DATA	X'0'	
1357	01	00504	FFFFFFFF A	FAS03	DATA	-12	FAS
1358	01	00505	30C003E0		FAS:12	MEMBRY	
1359	01	00506	00300198 N		K	0,0,3,FLPFSW	
1360	01	00507	20300145 N		K	2,0,3,L8C+2	
1361	01	00508	00000000 A		DATA	X'0'	
1362	01	00509	00FFFFFF A		DATA	X'00FFFFFF'	
1363	01	0050A	00FFFFFF A		DATA	X'00FFFFFF'	
1364	01	0050B	00FFFFFF A		DATA	X'00FFFFFF'	
1365	01	0050C	00000000 A		DATA	X'0'	
1366	01	0050D	00000000 A		DATA	X'0'	
1367	01	0050E	00000000 A		DATA	X'0'	
1368	01	0050F	00000000 A		DATA	X'0'	

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1369					PAGE		
1370	01	00510	FFFFFFFF A	FAS04	DATA	-12	FAS
1371	01	00511	30C003E0		FAS:12	MEMBRY	
1372	01	00512	00300198 N		K	0,0,3,FLPFSW	
1373	01	00513	20300145 N		K	2,0,3,L8C+2	
1374	01	00514	40555555 A		DATA	X'40555555'	
1375	01	00515	40AAAAAA A		DATA	X'40AAAAAA'	
1376	01	00516	40555555 A		DATA	X'40555555'	
1377	01	00517	40555555 A		DATA	X'40555555'	
1378	01	00518	00000000 A		DATA	X'0'	
1379	01	00519	00000000 A		DATA	X'0'	
1380	01	0051A	00000000 A		DATA	X'0'	
1381	01	0051B	00000000 A		DATA	X'0'	
1382	01	0051C	FFFFFFFF A	FAS05	DATA	-12	FAS
1383	01	0051D	30C003E0		FAS:12	MEMBRY	
1384	01	0051E	00300198 N		K	0,0,3,FLPFSW	
1385	01	0051F	20300145 N		K	2,0,3,L8C+2	
1386	01	00520	40AAAAAA A		DATA	X'40AAAAAA'	
1387	01	00521	41155555 A		DATA	X'41155555'	
1388	01	00522	40AAAAAA A		DATA	X'40AAAAAA'	
1389	01	00523	40AAAAAA A		DATA	X'40AAAAAA'	
1390	01	00524	00000000 A		DATA	X'0'	
1391	01	00525	00000000 A		DATA	X'0'	
1392	01	00526	00000000 A		DATA	X'0'	
1393	01	00527	00000000 A		DATA	X'0'	
1394	01	00528	FFFFFFFF A	FAS06	DATA	-12	FAS
1395	01	00529	30C003E0		FAS:12	MEMBRY	
1396	01	0052A	00300198 N		K	0,0,3,FLPFSW	
1397	01	0052B	20300145 N		K	2,0,3,L8C+2	
1398	01	0052C	00FFFFFF A		DATA	X'00FFFFFF'	
1399	01	0052D	01100000 A		DATA	X'01100000'	
1400	01	0052E	00000001 A		DATA	X'1'	
1401	01	0052F	00000001 A		DATA	X'1'	
1402	01	00530	00000000 A		DATA	X'0'	
1403	01	00531	00000000 A		DATA	X'0'	
1404	01	00532	00000000 A		DATA	X'0'	
1405	01	00533	00000000 A		DATA	X'0'	

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1406					PAGE			
1407	01	00534	FFFFFFFF A	FAS07	DATA	-12		
1408	01	00535	3DC003E0		FAS,12	MEMORY		
1409	01	00536	00300198 N		K	0,0,3,ELPFSW		
1410	01	00537	20300145 N		K	2,0,3,LBC+2		
1411	01	00538	00000001 A		DATA	X'1'		
1412	01	00539	01100000 A		DATA	X'01100000'		
1413	01	0053A	00FFFFFF A		DATA	X'00FFFFFF'		
1414	01	00533	00FFFFFF A		DATA	X'00FFFFFF'		
1415	01	0053C	00000000 A		DATA	X'0'		
1416	01	0053D	00000000 A		DATA	X'0'		
1417	01	0053E	00000000 A		DATA	X'0'		
1418	01	0053F	00000000 A		DATA	X'0'		
1419	01	00540	FFFFFFFF A	FAS08	DATA	-12	FAS	
1420	01	00541	3DC003E0		FAS,12	MEMORY		
1421	01	00542	00300198 N		K	0,0,3,ELPFSW		
1422	01	00543	20300145 N		K	2,0,3,LBC+2		
1423	01	00544	40FFFFFF A		DATA	X'40FFFFFF'		
1424	01	00545	41FFFFFF A		DATA	X'41FFFFFF'		
1425	01	00546	40FFFFFF A		DATA	X'40FFFFFF'		
1426	01	00547	40FFFFFF A		DATA	X'40FFFFFF'		
1427	01	00548	00000000 A		DATA	X'0'		
1428	01	00549	00000000 A		DATA	X'0'		
1429	01	0054A	00000000 A		DATA	X'0'		
1430	01	0054B	00000000 A		DATA	X'0'		
1431	01	0054C	FFFFFFFF A	FAS09	DATA	-12	FAS	
1432	01	0054D	3DC003E0		FAS,12	MEMORY		
1433	01	0054E	00300198 N		K	0,0,3,ELPFSW		
1434	01	0054F	20300145 N		K	2,0,3,LBC+2		
1435	01	00550	40AAAAAA A		DATA	X'40AAAAAA'		
1436	01	00551	40FFFFFF A		DATA	X'40FFFFFF'		
1437	01	00552	40555555 A		DATA	X'40555555'		
1438	01	00553	40555555 A		DATA	X'40555555'		
1439	01	00554	00000000 A		DATA	X'0'		
1440	01	00555	00000000 A		DATA	X'0'		
1441	01	00556	00000000 A		DATA	X'0'		
1442	01	00557	00000000 A		DATA	X'0'		

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1443					PAGE			
1444	01	00558	FFFFFFFF A	FAS10	DATA	-12	FAS	
1445	01	00559	3DC003E0		FAS,12	MEMORY		
1446	01	0055A	00300198 N		K	0,0,3,ELPFSW		
1447	01	0055B	20300145 N		K	2,0,3,LBC+2		
1448	01	0055C	40222222 A		DATA	X'40222222'		
1449	01	0055D	40444444 A		DATA	X'40444444'		
1450	01	0055E	40222222 A		DATA	X'40222222'		
1451	01	0055F	40222222 A		DATA	X'40222222'		
1452	01	00560	00000000 A		DATA	X'0'		
1453	01	00561	00000000 A		DATA	X'0'		
1454	01	00562	00000000 A		DATA	X'0'		
1455	01	00563	00000000 A		DATA	X'0'		
1456	01	00564	FFFFFFFF A	FAS11	DATA	-12	FAS	
1457	01	00565	3DC003E0		FAS,12	MEMORY		
1458	01	00566	00300198 N		K	0,0,3,ELPFSW		
1459	01	00567	20300145 N		K	2,0,3,LBC+2		
1460	01	00568	40888888 A		DATA	X'40888888'		
1461	01	00569	41144444 A		DATA	X'41144444'		
1462	01	0056A	40888888 A		DATA	X'40888888'		
1463	01	0056B	40888888 A		DATA	X'40888888'		
1464	01	0056C	00000000 A		DATA	X'0'		
1465	01	0056D	00000000 A		DATA	X'0'		
1466	01	0056E	00000000 A		DATA	X'0'		
1467	01	0056F	00000000 A		DATA	X'0'		
1468	01	00570	FFFFFFFF A	FAS12	DATA	-12	FAS	
1469	01	00571	3DC003E0		FAS,12	MEMORY		
1470	01	00572	00300198 N		K	0,0,3,ELPFSW		
1471	01	00573	20300145 N		K	2,0,3,LBC+2		
1472	01	00574	40DDDDDD A		DATA	X'40DDDDDD'		
1473	01	00575	41166666 A		DATA	X'41166666'		
1474	01	00576	40888888 A		DATA	X'40888888'		
1475	01	00577	40888888 A		DATA	X'40888888'		
1476	01	00578	00000000 A		DATA	X'0'		
1477	01	00579	00000000 A		DATA	X'0'		
1478	01	0057A	00000000 A		DATA	X'0'		
1479	01	0057B	00000000 A		DATA	X'0'		

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1480					PAGE		
1481	01	0057C	FFFFFFFF A	FAS13	DATA	-12	FAS
1482	01	0057D	3DC003E0		FAS,12	MEMORY	
1483	01	0057E	0030019B N		K	0,0,3,FLPFSW	
1484	01	0057F	20300145 N		K	2,0,3,LBC+2	
1485	01	00580	40CCCCC A		DATA	X'40CCCCC'	
1486	01	00581	4117777 A		DATA	X'4117777'	
1487	01	00582	40AAAAA A		DATA	X'40AAAAA'	
1488	01	00583	40AAAAA A		DATA	X'40AAAAA'	
1489	01	00584	0000000 A		DATA	X'0'	
1490	01	00585	0000000 A		DATA	X'0'	
1491	01	00586	0000000 A		DATA	X'0'	
1492	01	00587	0000000 A		DATA	X'0'	
1493	01	00588	FFFFFFFF A	FAS14	DATA	-12	FAS
1494	01	00589	3DC003E0		FAS,12	MEMORY	
1495	01	0058A	0030019B N		K	0,0,3,FLPFSW	
1496	01	0058B	20300145 N		K	2,0,3,LBC+2	
1497	01	0058C	4022222 A		DATA	X'4022222'	
1498	01	0058D	4077777 A		DATA	X'4077777'	
1499	01	0058E	4055555 A		DATA	X'4055555'	
1500	01	0058F	4055555 A		DATA	X'4055555'	
1501	01	00590	0000000 A		DATA	X'0'	
1502	01	00591	0000000 A		DATA	X'0'	
1503	01	00592	0000000 A		DATA	X'0'	
1504	01	00593	0000000 A		DATA	X'0'	
1505	01	00594	FFFFFFFF A	FAS15	DATA	-12	FAS
1506	01	00595	3DC003E0		FAS,12	MEMORY	
1507	01	00596	0030019B N		K	0,0,3,FLPFSW	
1508	01	00597	20300145 N		K	2,0,3,LBC+2	
1509	01	00598	4033333 A		DATA	X'4033333'	
1510	01	00599	4044444 A		DATA	X'4044444'	
1511	01	0059A	4011111 A		DATA	X'4011111'	
1512	01	0059B	4011111 A		DATA	X'4011111'	
1513	01	0059C	0000000 A		DATA	X'0'	
1514	01	0059D	0000000 A		DATA	X'0'	
1515	01	0059E	0000000 A		DATA	X'0'	
1516	01	0059F	0000000 A		DATA	X'0'	

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1517					PAGE		
1518	01	005A0	FFFFFFFF A	FAS16	DATA	-12	FAS
1519	01	005A1	3DC003E0		FAS,12	MEMORY	
1520	01	005A2	0030019B N		K	0,0,3,FLPFSW	
1521	01	005A3	20300145 N		K	2,0,3,LBC+2	
1522	01	005A4	4011111 A		DATA	X'4011111'	
1523	01	005A5	4066666 A		DATA	X'4066666'	
1524	01	005A6	4055555 A		DATA	X'4055555'	
1525	01	005A7	4055555 A		DATA	X'4055555'	
1526	01	005A8	0000000 A		DATA	X'0'	
1527	01	005A9	0000000 A		DATA	X'0'	
1528	01	005AA	0000000 A		DATA	X'0'	
1529	01	005AB	0000000 A		DATA	X'0'	
1530	01	005AC	FFFFFFFF A	FAS17	DATA	-12	FAS
1531	01	005AD	3DC003E0		FAS,12	MEMORY	
1532	01	005AE	0030019B N		K	0,0,3,FLPFSW	
1533	01	005AF	20300145 N		K	2,0,3,LBC+2	
1534	01	005B0	40DDDDDD A		DATA	X'40DDDDDD'	
1535	01	005B1	41188888 A		DATA	X'41188888'	
1536	01	005B2	40AAAAA A		DATA	X'40AAAAA'	
1537	01	005B3	40AAAAA A		DATA	X'40AAAAA'	
1538	01	005B4	0000000 A		DATA	X'0'	
1539	01	005B5	0000000 A		DATA	X'0'	
1540	01	005B6	0000000 A		DATA	X'0'	
1541	01	005B7	0000000 A		DATA	X'0'	
1542	01	005B8	FFFFFFFF A	FAS18	DATA	-12	FAS
1543	01	005B9	3DC003E0		FAS,12	MEMORY	
1544	01	005BA	0030019B N		K	0,0,3,FLPFSW	
1545	01	005BB	20300145 N		K	2,0,3,LBC+2	
1546	01	005BC	4055555 A		DATA	X'4055555'	
1547	01	005BD	40888888 A		DATA	X'40888888'	
1548	01	005BE	40333333 A		DATA	X'40333333'	
1549	01	005BF	40333333 A		DATA	X'40333333'	
1550	01	005C0	0000000 A		DATA	X'0'	
1551	01	005C1	0000000 A		DATA	X'0'	
1552	01	005C2	0000000 A		DATA	X'0'	
1553	01	005C3	0000000 A		DATA	X'0'	

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1554				PAGE			
1555	01	005C4	FFFFFFFF4 A	FAS19	DATA	-12	FAS
1556	01	005C5	3DC003E0		FAS#12	MEMBRY	
1557	01	005C6	0030019B N		K	0,0,3,FLPFSW	
1558	01	005C7	20300145 N		K	2,0,3,LBC+2	
1559	01	005C8	40666666 A		DATA	X'40666666'	
1560	01	005C9	40888888 A		DATA	X'40888888'	
1561	01	005CA	40222222 A		DATA	X'40222222'	
1562	01	005CB	40222222 A		DATA	X'40222222'	
1563	01	005CC	00000000 A		DATA	X'0'	
1564	01	005CD	00000000 A		DATA	X'0'	
1565	01	005CE	00000000 A		DATA	X'0'	
1566	01	005CF	00000000 A		DATA	X'0'	
1567	01	005D0	FFFFFFFF4 A	FAS20	DATA	-12	FAS
1568	01	005D1	3DC003E0		FAS#12	MEMBRY	
1569	01	005D2	0030019B N		K	0,0,3,FLPFSW	
1570	01	005D3	20300145 N		K	2,0,3,LBC+2	
1571	01	005D4	40444444 A		DATA	X'40444444'	
1572	01	005D5	40888888 A		DATA	X'40888888'	
1573	01	005D6	40444444 A		DATA	X'40444444'	
1574	01	005D7	40444444 A		DATA	X'40444444'	
1575	01	005D8	00000000 A		DATA	X'0'	
1576	01	005D9	00000000 A		DATA	X'0'	
1577	01	005DA	00000000 A		DATA	X'0'	
1578	01	005DB	00000000 A		DATA	X'0'	
1579	01	005DC	FFFFFFFF4 A	FAS21	DATA	-12	FAS
1580	01	005DD	3DC003E0		FAS#12	MEMBRY	
1581	01	005DE	0030019B N		K	0,0,3,FLPFSW	
1582	01	005DF	20300145 N		K	2,0,3,LBC+2	
1583	01	005E0	40888888 A		DATA	X'40888888'	
1584	01	005E1	40CCCCC A		DATA	X'40CCCCC'	
1585	01	005E2	40111111 A		DATA	X'40111111'	
1586	01	005E3	40111111 A		DATA	X'40111111'	
1587	01	005E4	00000000 A		DATA	X'0'	
1588	01	005E5	00000000 A		DATA	X'0'	
1589	01	005E6	00000000 A		DATA	X'0'	
1590	01	005E7	00000000 A		DATA	X'0'	

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1591				PAGE			
1592	01	005E8	FFFFFFFF4 A	FAS22	DATA	-12	FAS
1593	01	005E9	3DC003E0		FAS#12	MEMBRY	
1594	01	005EA	0030019B N		K	0,0,3,FLPFSW	
1595	01	005EB	20300145 N		K	2,0,3,LBC+2	
1596	01	005EC	40DDDDDD A		DATA	X'40DDDDDD'	
1597	01	005ED	40EEEEEE A		DATA	X'40EEEEEE'	
1598	01	005EE	40111111 A		DATA	X'40111111'	
1599	01	005EF	40111111 A		DATA	X'40111111'	
1600	01	005F0	00000000 A		DATA	X'0'	
1601	01	005F1	00000000 A		DATA	X'0'	
1602	01	005F2	00000000 A		DATA	X'0'	
1603	01	005F3	00000000 A		DATA	X'0'	
1604	01	005F4	FFFFFFFF4 A	FAS23	DATA	-12	FAS
1605	01	005F5	3DC003E0		FAS#12	MEMBRY	
1606	01	005F6	0030019B N		K	0,0,3,FLPFSW	
1607	01	005F7	20300145 N		K	2,0,3,LBC+2	
1608	01	005F8	40888888 A		DATA	X'40888888'	
1609	01	005F9	40EEEEEE A		DATA	X'40EEEEEE'	
1610	01	005FA	40666666 A		DATA	X'40666666'	
1611	01	005FB	40666666 A		DATA	X'40666666'	
1612	01	005FC	00000000 A		DATA	X'0'	
1613	01	005FD	00000000 A		DATA	X'0'	
1614	01	005FE	00000000 A		DATA	X'0'	
1615	01	005FF	00000000 A		DATA	X'0'	
1616	01	00600	FFFFFFFF4 A	FAS24	DATA	-12	FAS
1617	01	00601	3DC003E0		FAS#12	MEMBRY	
1618	01	00602	0030019B N		K	0,0,3,FLPFSW	
1619	01	00603	20300145 N		K	2,0,3,LBC+2	
1620	01	00604	40AAAAAA A		DATA	X'40AAAAAA'	
1621	01	00605	40CCCCC A		DATA	X'40CCCCC'	
1622	01	00606	40222222 A		DATA	X'40222222'	
1623	01	00607	40222222 A		DATA	X'40222222'	
1624	01	00608	00000000 A		DATA	X'0'	
1625	01	00609	00000000 A		DATA	X'0'	
1626	01	0060A	00000000 A		DATA	X'0'	
1627	01	0060B	00000000 A		DATA	X'0'	

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1628				PAGE		
1629	01	0060C	FFFFFFFF A	DATA	-12	FAS
1630	01	0060D	3DC003E0	FAS#12	MEMBRY	
1631	01	0060E	0030019B N	K	0,0,3,FLPFSW	
1632	01	0060F	20300145 N	K	2,0,3,LBC+2	
1633	01	00610	40888888 A	DATA	X'40888888'	
1634	01	00611	40CCCCC A	DATA	X'40CCCCC'	
1635	01	00612	4044444 A	DATA	X'4044444'	
1636	01	00613	4044444 A	DATA	X'4044444'	
1637	01	00614	0000000 A	DATA	X'0'	
1638	01	00615	0000000 A	DATA	X'0'	
1639	01	00616	0000000 A	DATA	X'0'	
1640	01	00617	0000000 A	DATA	X'0'	
1641	01	00618	FFFFFFFF A	FAS26	DATA	-12
1642	01	00619	3DC003E0	FAS#12	MEMBRY	
1643	01	0061A	0030019B N	K	0,0,3,FLPFSW	
1644	01	0061B	20300145 N	K	2,0,3,LBC+2	
1645	01	0061C	40FEFFFE A	DATA	X'40FEFFFE'	
1646	01	0061D	41101000 A	DATA	X'41101000'	
1647	01	0061E	40020002 A	DATA	X'40020002'	
1648	01	0061F	40020002 A	DATA	X'40020002'	
1649	01	00620	0000000 A	DATA	X'0'	
1650	01	00621	0000000 A	DATA	X'0'	
1651	01	00622	0000000 A	DATA	X'0'	
1652	01	00623	0000000 A	DATA	X'0'	
1653	01	00624	FFFFFFFF A	FAS27	DATA	-12
1654	01	00625	3DC003E0	FAS#12	MEMBRY	
1655	01	00626	0030019B N	K	0,0,3,FLPFSW	
1656	01	00627	20300145 N	K	2,0,3,LBC+2	
1657	01	00628	40FDFFFC A	DATA	X'40FDFFFC'	
1658	01	00629	41102000 A	DATA	X'41102000'	
1659	01	0062A	40040004 A	DATA	X'40040004'	
1660	01	0062B	40040004 A	DATA	X'40040004'	
1661	01	0062C	0000000 A	DATA	X'0'	
1662	01	0062D	0000000 A	DATA	X'0'	
1663	01	0062E	0000000 A	DATA	X'0'	
1664	01	0062F	0000000 A	DATA	X'0'	

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1665				PAGE		
1666	01	00630	FFFFFFFF A	FAS28	DATA	-12
1667	01	00631	3DC003E0	FAS#12	MEMBRY	
1668	01	00632	0030019B N	K	0,0,3,FLPFSW	
1669	01	00633	20300145 N	K	2,0,3,LBC+2	
1670	01	00634	40FBFFF8 A	DATA	X'40FBFFF8'	
1671	01	00635	41104000 A	DATA	X'41104000'	
1672	01	00636	40080008 A	DATA	X'40080008'	
1673	01	00637	40080008 A	DATA	X'40080008'	
1674	01	00638	0000000 A	DATA	X'0'	
1675	01	00639	0000000 A	DATA	X'0'	
1676	01	0063A	0000000 A	DATA	X'0'	
1677	01	0063B	0000000 A	DATA	X'0'	
1678	01	0063C	FFFFFFFF A	FAS29	DATA	-12
1679	01	0063D	3DC003E0	FAS#12	MEMBRY	
1680	01	0063E	0030019B N	K	0,0,3,FLPFSW	
1681	01	0063F	20300145 N	K	2,0,3,LBC+2	
1682	01	00640	40F7FFF0 A	DATA	X'40F7FFF0'	
1683	01	00641	41108000 A	DATA	X'41108000'	
1684	01	00642	40100010 A	DATA	X'40100010'	
1685	01	00643	40100010 A	DATA	X'40100010'	
1686	01	00644	0000000 A	DATA	X'0'	
1687	01	00645	0000000 A	DATA	X'0'	
1688	01	00646	0000000 A	DATA	X'0'	
1689	01	00647	0000000 A	DATA	X'0'	
1690	01	00648	FFFFFFFF A	FAS30	DATA	-12
1691	01	00649	3DC003E0	FAS#12	MEMBRY	
1692	01	0064A	0030019B N	K	0,0,3,FLPFSW	
1693	01	0064B	20300145 N	K	2,0,3,LBC+2	
1694	01	0064C	40EFFF0 A	DATA	X'40EFFF0'	
1695	01	0064D	41110000 A	DATA	X'41110000'	
1696	01	0064E	40200020 A	DATA	X'40200020'	
1697	01	0064F	40200020 A	DATA	X'40200020'	
1698	01	00650	0000000 A	DATA	X'0'	
1699	01	00651	0000000 A	DATA	X'0'	
1700	01	00652	0000000 A	DATA	X'0'	
1701	01	00653	0000000 A	DATA	X'0'	

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1702				PAGE			
1703	01	00654	FFFFFFFF A	FAS31	DATA	-12	FAS
1704	01	00655	30C003E0		FAS#12	MEMORY	
1705	01	00656	0030019B N		K	0,0,3,ELPFSW	
1706	01	00657	20300145 N		K	2,0,3,LBC+2	
1707	01	00658	40FFFFC0 A		DATA	X'40FFFFC0'	
1708	01	00659	41120000 A		DATA	X'41120000'	
1709	01	0065A	40400040 A		DATA	X'40400040'	
1710	01	0065B	40400040 A		DATA	X'40400040'	
1711	01	0065C	00000000 A		DATA	X'0'	
1712	01	0065D	00000000 A		DATA	X'0'	
1713	01	0065E	00000000 A		DATA	X'0'	
1714	01	0065F	00000000 A		DATA	X'0'	
1715	01	00660	FFFFFFFF A	FAS32	DATA	-12	FAS
1716	01	00661	30C003E0		FAS#12	MEMORY	
1717	01	00662	0030019B N		K	0,0,3,ELPFSW	
1718	01	00663	20300145 N		K	2,0,3,LBC+2	
1719	01	00664	40BFFFF0 A		DATA	X'40BFFFF0'	
1720	01	00665	41140000 A		DATA	X'41140000'	
1721	01	00666	40800080 A		DATA	X'40800080'	
1722	01	00667	40800080 A		DATA	X'40800080'	
1723	01	00668	00000000 A		DATA	X'0'	
1724	01	00669	00000000 A		DATA	X'0'	
1725	01	0066A	00000000 A		DATA	X'0'	
1726	01	0066B	00000000 A		DATA	X'0'	
1727	01	0066C	FFFFFFFF A	FAS33	DATA	-12	FAS
1728	01	0066D	30C003E0		FAS#12	MEMORY	
1729	01	0066E	0030019B N		K	0,0,3,ELPFSW	
1730	01	0066F	20300145 N		K	2,0,3,LBC+2	
1731	01	00670	407FFFF0 A		DATA	X'407FFFF0'	
1732	01	00671	40800000 A		DATA	X'40800000'	
1733	01	00672	40000100 A		DATA	X'40000100'	
1734	01	00673	40000100 A		DATA	X'40000100'	
1735	01	00674	00000000 A		DATA	X'0'	
1736	01	00675	00000000 A		DATA	X'0'	
1737	01	00676	00000000 A		DATA	X'0'	
1738	01	00677	00000000 A		DATA	X'0'	

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1739				PAGE			
1740	01	00678	FFFFFFFF A	FAS34	DATA	-12	FAS
1741	01	00679	30C003E0		FAS#12	MEMORY	
1742	01	0067A	0030019B N		K	0,0,3,ELPFSW	
1743	01	0067B	20300145 N		K	2,0,3,LBC+2	
1744	01	0067C	40FFFFE0 A		DATA	X'40FFFFE0'	
1745	01	0067D	41100000 A		DATA	X'41100000'	
1746	01	0067E	40000200 A		DATA	X'40000200'	
1747	01	0067F	40000200 A		DATA	X'40000200'	
1748	01	00680	00000000 A		DATA	X'0'	
1749	01	00681	00000000 A		DATA	X'0'	
1750	01	00682	00000000 A		DATA	X'0'	
1751	01	00683	00000000 A		DATA	X'0'	
1752	01	00684	FFFFFFFF A	FAS35	DATA	-12	FAS
1753	01	00685	30C003E0		FAS#12	MEMORY	
1754	01	00686	0030019B N		K	0,0,3,ELPFSW	
1755	01	00687	20300145 N		K	2,0,3,LBC+2	
1756	01	00688	40FFFC00 A		DATA	X'40FFFC00'	
1757	01	00689	41100000 A		DATA	X'41100000'	
1758	01	0068A	40000400 A		DATA	X'40000400'	
1759	01	0068B	40000400 A		DATA	X'40000400'	
1760	01	0068C	00000000 A		DATA	X'0'	
1761	01	0068D	00000000 A		DATA	X'0'	
1762	01	0068E	00000000 A		DATA	X'0'	
1763	01	0068F	00000000 A		DATA	X'0'	
1764	01	00690	FFFFFFFF A	FAS36	DATA	-12	FAS
1765	01	00691	30C003E0		FAS#12	MEMORY	
1766	01	00692	0030019B N		K	0,0,3,ELPFSW	
1767	01	00693	20300145 N		K	2,0,3,LBC+2	
1768	01	00694	40FFF800 A		DATA	X'40FFF800'	
1769	01	00695	41100000 A		DATA	X'41100000'	
1770	01	00696	40000800 A		DATA	X'40000800'	
1771	01	00697	40000800 A		DATA	X'40000800'	
1772	01	00698	00000000 A		DATA	X'0'	
1773	01	00699	00000000 A		DATA	X'0'	
1774	01	0069A	00000000 A		DATA	X'0'	
1775	01	0069B	00000000 A		DATA	X'0'	

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1776				PAGE		
1777	01	0069C	FFFFFFFF A	FAS37	DATA	-12
1778	01	0069D	3DC003E0	FAS/12	MEMORY	
1779	01	0069E	00300198 N	K	0,0,3,FLPFSW	
1780	01	0069F	20300145 N	K	2,0,3,LBC+2	
1781	01	006A0	4000F000 A	DATA	X'4000F000'	
1782	01	006A1	3F100000 A	DATA	X'3F100000'	
1783	01	006A2	40001000 A	DATA	X'40001000'	
1784	01	006A3	40001000 A	DATA	X'40001000'	
1785	01	006A4	00000000 A	DATA	X'0'	
1786	01	006A5	00000000 A	DATA	X'0'	
1787	01	006A6	00000000 A	DATA	X'0'	
1788	01	006A7	00000000 A	DATA	X'0'	
1789	01	006A8	FFFFFFFF A	FAS38	DATA	-12
1790	01	006A9	3DC003E0	FAS/12	MEMORY	
1791	01	006AA	00300198 N	K	0,0,3,FLPFSW	
1792	01	006AB	20300145 N	K	2,0,3,LBC+2	
1793	01	006AC	4000E000 A	DATA	X'4000E000'	
1794	01	006AD	3F100000 A	DATA	X'3F100000'	
1795	01	006AE	40002000 A	DATA	X'40002000'	
1796	01	006AF	40002000 A	DATA	X'40002000'	
1797	01	006B0	00000000 A	DATA	X'0'	
1798	01	006B1	00000000 A	DATA	X'0'	
1799	01	006B2	00000000 A	DATA	X'0'	
1800	01	006B3	00000000 A	DATA	X'0'	
1801	01	006B4	FFFFFFFF A	FAS39	DATA	-12
1802	01	006B5	3DC003E0	FAS/12	MEMORY	
1803	01	006B6	00300198 N	K	0,0,3,FLPFSW	
1804	01	006B7	20300145 N	K	2,0,3,LBC+2	
1805	01	006B8	4000C000 A	DATA	X'4000C000'	
1806	01	006B9	3F100000 A	DATA	X'3F100000'	
1807	01	006BA	40004000 A	DATA	X'40004000'	
1808	01	006BB	40004000 A	DATA	X'40004000'	
1809	01	006BC	00000000 A	DATA	X'0'	
1810	01	006BD	00000000 A	DATA	X'0'	
1811	01	006BE	00000000 A	DATA	X'0'	
1812	01	006BF	00000000 A	DATA	X'0'	

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1813				PAGE		
1814	01	006C0	FFFFFFFF A	FAS40	DATA	-12
1815	01	006C1	3DC003E0	FAS/12	MEMORY	
1816	01	006C2	00300198 N	K	0,0,3,FLPFSW	
1817	01	006C3	20300145 N	K	2,0,3,LBC+2	
1818	01	006C4	40FF0000 A	DATA	X'40FF0000'	
1819	01	006C5	41100000 A	DATA	X'41100000'	
1820	01	006C6	40010000 A	DATA	X'40010000'	
1821	01	006C7	40010000 A	DATA	X'40010000'	
1822	01	006C8	00000000 A	DATA	X'0'	
1823	01	006C9	00000000 A	DATA	X'0'	
1824	01	006CA	00000000 A	DATA	X'0'	
1825	01	006CB	00000000 A	DATA	X'0'	
1826	01	006CC	FFFFFFFF A	FAS41	DATA	-12
1827	01	006CD	3DC003E0	FAS/12	MEMORY	
1828	01	006CE	00300198 N	K	0,0,3,FLPFSW	
1829	01	006CF	20300145 N	K	2,0,3,LBC+2	
1830	01	006D0	00000000 A	DATA	X'00000000'	
1831	01	006D1	3F123456 A	DATA	X'3F123456'	BITS 00207 TO F0207 TRANSFER
1832	01	006D2	3F123456 A	DATA	X'3F123456'	B
1833	01	006D3	3F123456 A	DATA	X'3F123456'	B
1834	01	006D4	00000000 A	DATA	0,0,0,0	
	01	006D5	00000000 A			
	01	006D6	00000000 A			
	01	006D7	00000000 A			
1835	01	006D8	FFFFFFFF A	FAS42	DATA	-12
1836	01	006D9	3DC003E0	FAS/12	MEMORY	
1837	01	006DA	00300198 N	K	0,0,3,FLPFSW	
1838	01	006DB	10300145 N	K	1,0,3,LBC+2	BITS 00005 TO F0005 TRANSFER
1839	01	006DC	00000000 A	DATA	0	
1840	01	006DD	FCEFFFFFF A	DATA	X'FCEFFFFFF'	
1841	01	006DE	FCEFFFFFF A	DATA	X'FCEFFFFFF'	
1842	01	006DF	FCEFFFFFF A	DATA	X'FCEFFFFFF'	
1843	01	006E0	00000000 A	DATA	0,0,0,0	
	01	006E1	00000000 A			
	01	006E2	00000000 A			
	01	006E3	00000000 A			

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1844					PAGE		
1845	01	006E4	FFFFFF4 A	FAS43	DATA	-12	FAS
1846	01	006E5	3CC003E0		FAS*12	MEMBRY	
1847	01	006E6	0030019B N		K	0,0,3,FLPFSW	
1848	01	006E7	20300145 N		K	2,0,3,LBC+2	
1849	01	006E8	00000000 A		DATA	0	CHECKS FOR 0 TRANSFER FR9M
1850	01	006E9	01888888 A		DATA	X'01888888'	
1851	01	006EA	01888888 A		DATA	X'01888888'	00006 TO F0006
1852	01	006EB	01888888 A		DATA	X'01888888'	
1853	01	006EC	00000000 A		DATA	0,0,0,0	
		01	006ED				
		01	006EE				
		01	006EF				

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1854					PAGE		
1855	01	006F0	FFFFFF4 A	FSS01	DATA	-1P	FSS
1856	01	006F1	3CC003E0		FSS*12	MEMBRY	
1857	01	006F2	0030019B N		K	0,0,3,FLPFSW	
1858	01	006F3	20300145 N		K	2,0,3,LBC+2	
1859	01	006F4	4000FFFF A		DATA	X'4000FFFF'	
1860	01	006F5	3F100000 A		DATA	X'3F100000'	
1861	01	006F6	BFFFFFFF A		DATA	X'BFFFFFFF'	
1862	01	006F7	BFFFFFFF A		DATA	X'BFFFFFFF'	
1863	01	006F8	00000000 A		DATA	X'0'	
1864	01	006F9	00000000 A		DATA	X'0'	
1865	01	006FA	00000000 A		DATA	X'0'	
1866	01	006FB	00000000 A		DATA	X'0'	

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1867				PAGE		
1868	01	006FC	FFFFFFFF A	DATA	-12	FSL
1869	01	006FD	1CC003E0	FSL#12	MEMBRY	
1870	01	006FE	0030019B N	K	0,0,3,FLPFSW	
1871	01	006FF	20300145 N	K	2,0,3,L9C+2	
1872	01	00700	40FFFFFF A	DATA	X'40FFFFFF'	
1873	01	00701	40FFFFFF A	DATA	X'40FFFFFF'	
1874	01	00702	40000000 A	DATA	X'40000000'	
1875	01	00703	40000000 A	DATA	X'40000000'	
1876	01	00704	FFFFFFFF A	DATA	X'FFFFFFFF'	
1877	01	00705	FFFFFFFFE A	DATA	X'FFFFFFFFE'	
1878	01	00706	00000001 A	DATA	X'1'	
1879	01	00707	00000001 A	DATA	X'1'	
1880	01	00708	FFFFFFFF4 A	FSL02	DATA	-12
1881	01	00709	1CC003E0	FSL#12	MEMBRY	FSL
1882	01	0070A	0030019B N	K	0,0,3,FLPFSW	
1883	01	0070B	A0300145 N	K	10,0,3,L9C+2	
1884	01	0070C	40000000 A	DATA	X'40000000'	
1885	01	0070D	33200000 A	DATA	X'33200000'	
1886	01	0070E	8FFFFFFF A	DATA	X'8FFFFFFF'	
1887	01	0070F	8FFFFFFF A	DATA	X'8FFFFFFF'	
1888	01	00710	00000001 A	DATA	X'1'	
1889	01	00711	00000000 A	DATA	X'0'	
1890	01	00712	FFFFFFFF A	DATA	X'FFFFFFFF'	
1891	01	00713	FFFFFFFF A	DATA	X'FFFFFFFF'	

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1892				PAGE		
1893				** FML 41 THROUGH 49 ARE SHOWN FIRST BECAUSE THEY ARE		
1894				** BASIC NUMBER PATTERNS THAT SHOULD BE EASILY TRACED		
1895				** VIA THE FLBATING POINT T-CHARTS		
1896	01	00714	FFFFFFFF4 A	FML#1	DATA	-12
1897	01	00715	1FC003E0	FML#12	MEMBRY	
1898	01	00716	0000012C N	DATA	SETPSW	
1899	01	00717	20000145 N	GEN#4,28	2,L9C+2	
1900	01	00718	40100000 A	DATA	X'40100000',X'40100000'	
	01	00719	40100000 A			
1901	01	0071A	41100000 A	DATA	X'41100000',X'41100000'	
	01	0071B	41100000 A			
1902	01	0071C	00000001 A	DATA	1,1,0,0	
	01	0071D	00000001 A			
	01	0071E	00000000 A			
	01	0071F	00000000 A			
1903	01	00720	FFFFFFFF4 A	FML#2	DATA	-12
1904	01	00721	1FC003E0	FML#12	MEMBRY	
1905	01	00722	0000012C N	DATA	SETPSW	
1906	01	00723	20000145 N	GEN#4,28	2,L9C+2	
1907	01	00724	40100000 A	DATA	X'40100000',X'40100000'	
	01	00725	40100000 A			
1908	01	00726	41100000 A	DATA	X'41100000',X'41100000'	
	01	00727	41100000 A			
1909	01	00728	00000002 A	DATA	2,2,0,0	
	01	00729	00000002 A			
	01	0072A	00000000 A			
	01	0072B	00000000 A			

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1910				PAGE	
1911	01	0072C	FFFFFFF4 A	FML43	DATA -12
1912	01	0072D	1FC003E0		FML#12 MEMORY
1913	01	0072E	0000012C N		DATA SETPSW
1914	01	0072F	20000145 N		GEN#4,28 2,L8C+2
1915	01	00730	40I00000 A		DATA X'40100000',X'40100000'
	01	00731	40I00000 A		
1916	01	00732	41I00000 A		DATA X'41100000',X'41100000'
	01	00733	41I00000 A		
1917	01	00734	00000003 A		DATA 3,3,0,0
	01	00735	00000003 A		
	01	00736	00000000 A		
	01	00737	00000000 A		
1918	01	00738	FFFFFFF4 A	FML44	DATA -12
1919	01	00739	1FC003E0		FML#12 MEMORY
1920	01	0073A	0000012C N		DATA SETPSW
1921	01	0073B	20000145 N		GEN#4,28 2,L8C+2
1922	01	0073C	40I00000 A		DATA X'40100000',X'40100000'
	01	0073D	40I00000 A		
1923	01	0073E	41I00000 A		DATA X'41100000',X'41100000'
	01	0073F	41I00000 A		
1924	01	00740	00000006 A		DATA 6,6,0,0
	01	00741	00000006 A		
	01	00742	00000000 A		
	01	00743	00000000 A		

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1925				PAGE	
1926	01	00744	FFFFFFF4 A	FML45	DATA -12
1927	01	00745	1FC003E0		FML#12 MEMORY
1928	01	00746	0000012C N		DATA SETPSW
1929	01	00747	20000145 N		GEN#4,28 2,L8C+2
1930	01	00748	40I00000 A		DATA X'40100000',X'40F00000'
	01	00749	40F00000 A		
1931	01	0074A	41EFFFFFF A		DATA X'41EFFFFFF',X'41EFFFFFF'
	01	0074B	41EFFFFFF A		
1932	01	0074C	00000001 A		DATA 1,13,-1,-1
	01	0074D	0000000D A		
	01	0074E	FFFFFFF4 A		
	01	0074F	FFFFFFF4 A		
1933	01	00750	FFFFFFF4 A	FML46	DATA -12
1934	01	00751	1FC003E0		FML#12 MEMORY
1935	01	00752	0000012C N		DATA SETPSW
1936	01	00753	20000145 N		GEN#4,28 2,L8C+2
1937	01	00754	40I00000 A		DATA X'40100000',X'40F00000'
	01	00755	40F00000 A		
1938	01	00756	41EFFFFFF A		DATA X'41EFFFFFF',X'41EFFFFFF'
	01	00757	41EFFFFFF A		
1939	01	00758	00000002 A		DATA 2,28,-1,-1
	01	00759	0000001C A		
	01	0075A	FFFFFFF4 A		
	01	0075B	FFFFFFF4 A		

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1940				PAGE		
1941	01	0075C	FFFFFFFF A	DATA	-12	
1942	01	0075D	1FC003E0	FML#12	MEMORY	
1943	01	0075E	0000012C N	DATA	SETPSW	
1944	01	0075F	20000145 N	GEN#4,28	2,L8C+2	
1945	01	00760	40100000 A	DATA	X'40100000',X'40F00000'	
	01	00761	40F00000 A			
1946	01	00762	41EFFFFFF A	DATA	X'41EFFFFFF',X'41EFFFFFF'	
	01	00763	41EFFFFFF A			
1947	01	00764	00000003 A	DATA	3,43,-1,-1	
	01	00765	0000002B A			
	01	00766	FFFFFFFF A			
	01	00767	FFFFFFFF A			
1948	01	00768	FFFFFFFF A	FML48	DATA	-12
1949	01	00769	1FC003E0	FML#12	MEMORY	
1950	01	0076A	0000012C N	DATA	SETPSW	
1951	01	0076B	20000145 N	GEN#4,28	2,L8C+2	
1952	01	0076C	40100000 A	DATA	X'40100000',X'40F00000'	
	01	0076D	40F00000 A			
1953	01	0076E	41EFFFFFF A	DATA	X'41EFFFFFF',X'41EFFFFFF'	
	01	0076F	41EFFFFFF A			
1954	01	00770	00000006 A	DATA	6,88,-1,-1	
	01	00771	00000058 A			
	01	00772	FFFFFFFF A			
	01	00773	FFFFFFFF A			
1955	01	00774	FFFFFFFF A	FML49	DATA	-12
1956	01	00775	1FC003E0	FML#12	MEMORY	
1957	01	00776	0000012C N	DATA	SETPSW	
1958	01	00777	20000145 N	GEN#4,28	2,L8C+2	
1959	01	00778	8FF00000 A	DATA	X'8FF00000',X'3F100000'	
	01	00779	3F100000 A			
1960	01	0077A	8FF00000 A	DATA	X'8FF00000',X'8FF00000'	
	01	0077B	8FF00000 A			
1961	01	0077C	00000000 A	DATA	X'00000000',X'00000000'	
	01	0077D	00000000 A			
1962	01	0077E	00000000 A	DATA	X'00000000',X'00000000'	
	01	0077F	00000000 A			

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1963				PAGE			
1964	01	00780	FFFFFFFF A	FML01	DATA	-12	F
1965	01	00781	1FC003E0	FML#12	MEMORY		F
1966	01	00782	05300198 N	K	0,5,3,FLPFSW		F
1967	01	00783	25300145 N	K	2,5,3,L8C+2		F
1968	01	00784	30555555 A	DATA	X'30555555'		F
1969	01	00785	201C71C7 A	DATA	X'201C71C7'		F
1970	01	00786	30555555 A	DATA	X'30555555'		F
1971	01	00787	30555555 A	DATA	X'30555555'		F
1972	01	00788	55555555 A	DATA	X'55555555'		F
1973	01	00789	1C71C71C A	DATA	X'1C71C71C'		F
1974	01	0078A	55555555 A	DATA	X'55555555'		F
1975	01	0078B	55555555 A	DATA	X'55555555'		F
1976	01	0078C	FFFFFFFF A	FML02	DATA	-12	F
1977	01	0078D	1FC003E0	FML#12	MEMORY		F
1978	01	0078E	05300198 N	K	0,5,3,FLPFSW		F
1979	01	0078F	25300145 N	K	2,5,3,L8C+2		F
1980	01	00790	40AAAAAAAA A	DATA	X'40AAAAAAAA'		F
1981	01	00791	4071C71C A	DATA	X'4071C71C'		F
1982	01	00792	40AAAAAAAA A	DATA	X'40AAAAAAAA'		F
1983	01	00793	40AAAAAAAA A	DATA	X'40AAAAAAAA'		F
1984	01	00794	AAAAAAAAAA A	DATA	X'AAAAAAAAAA'		F
1985	01	00795	71C71C70 A	DATA	X'71C71C70'		F
1986	01	00796	AAAAAAAAAA A	DATA	X'AAAAAAAAAA'		F
1987	01	00797	AAAAAAAAAA A	DATA	X'AAAAAAAAAA'		F
1988	01	00798	FFFFFFFF A	FML03	DATA	-12	F
1989	01	00799	1FC003E0	FML#12	MEMORY		F
1990	01	0079A	05300198 N	K	0,5,3,FLPFSW		F
1991	01	0079B	15300145 N	K	1,5,3,L8C+2		F
1992	01	0079C	80FFFDAB A	DATA	X'80FFFDAB'		F
1993	01	0079D	C4D2A542 A	DATA	X'C4D2A542'		F
1994	01	0079E	0013732A A	DATA	X'0013732A'		F
1995	01	0079F	0013732A A	DATA	X'0013732A'		F
1996	01	007A0	FFFFFFFF A	DATA	X'FFFFFFFF'		F
1997	01	007A1	2AE8FC1 A	DATA	X'2AE8FC1'		F
1998	01	007A2	059CEF26 A	DATA	X'059CEF26'		F
1999	01	007A3	059CEF26 A	DATA	X'059CEF26'		F

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2000				PAGE		
2001	01	007A4	FFFFFFFF A	FMLO4	DATA	-12
2002	01	007A5	1FC003E0		FMLO4	MEMORY
2003	01	007A6	0530019B N		K	0,5,3,FLPFSW
2004	01	007A7	15300145 N		K	1,5,3,LBC+2
2005	01	007A8	7FFFFFFD8 A		DATA	X'7FFFFFFD8'
2006	01	007A9	C0CF37C5 A		DATA	X'C0CF37C5'
2007	01	007AA	FFCF37BE A		DATA	X'FFCF37BE'
2008	01	007A3	FFCF37BE A		DATA	X'FFCF37BE'
2009	01	007AC	00000000 A		DATA	X'00000000'
2010	01	007AD	C5F88F7E A		DATA	X'C5F88F7E'
2011	01	007AE	26AE4589 A		DATA	X'26AE4589'
2012	01	007AF	26AE4589 A		DATA	X'26AE4589'
2013	01	007B0	FFFFFFFF A	FMLO5	DATA	-12
2014	01	007B1	1FC003E0		FMLO5	MEMORY
2015	01	007B2	0530019B N		K	0,5,3,FLPFSW
2016	01	007B3	25300145 N		K	2,5,3,LBC+2
2017	01	007B4	250007BE A		DATA	X'250007BE'
2018	01	007B5	08128785 A		DATA	X'08128785'
2019	01	007B6	26264A8E A		DATA	X'26264A8E'
2020	01	007B7	26264A8E A		DATA	X'26264A8E'
2021	01	007B8	148F26A0 A		DATA	X'148F26A0'
2022	01	007B9	07E34362 A		DATA	X'07E34362'
2023	01	007BA	C1F4286C A		DATA	X'C1F4286C'
2024	01	007BB	C1F4286C A		DATA	X'C1F4286C'
2025	01	007BC	FFFFFFFF A	FMLO6	DATA	-12
2026	01	007BD	1FC003E0		FMLO6	MEMORY
2027	01	007BE	0530019B N		K	0,5,3,FLPFSW
2028	01	007BF	05300145 N		K	0,5,3,LBC+2
2029	01	007C0	7F000000 A		DATA	X'7F000000'
2030	01	007C1	00000000 A		DATA	X'0'
2031	01	007C2	7FFFFFFF A		DATA	X'7FFFFFFF'
2032	01	007C3	7FFFFFFF A		DATA	X'7FFFFFFF'
2033	01	007C4	00000000 A		DATA	X'00000000'
2034	01	007C5	00000000 A		DATA	X'0'
2035	01	007C6	FFFFFFFF A		DATA	X'FFFFFFFF'
2036	01	007C7	FFFFFFFF A		DATA	X'FFFFFFFF'

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2037				PAGE		
2038	01	007C8	FFFFFFFF A	FMLO7	DATA	-12
2039	01	007C9	1FC003E0		FMLO7	MEMORY
2040	01	007CA	0530019B N		K	0,5,3,FLPFSW
2041	01	007CB	15300145 N		K	1,5,3,LBC+2
2042	01	007CC	35027BF3 A		DATA	X'35027BF3'
2043	01	007CD	CC782A03 A		DATA	X'CC782A03'
2044	01	007CE	BFC951DA A		DATA	X'BFC951DA'
2045	01	007CF	BFC951DA A		DATA	X'BFC951DA'
2046	01	007D0	8C16DE45 A		DATA	X'8C16DE45'
2047	01	007D1	798B132F A		DATA	X'798B132F'
2048	01	007D2	62E3840A A		DATA	X'62E3840A'
2049	01	007D3	62E3840A A		DATA	X'62E3840A'
2050	01	007D4	FFFFFFFF A	FMLO8	DATA	-12
2051	01	007D5	1FC003E0		FMLO8	MEMORY
2052	01	007D6	0530019B N		K	0,5,3,FLPFSW
2053	01	007D7	25300145 N		K	2,5,3,LBC+2
2054	01	007D8	BFFFFFFFF A		DATA	X'BFFFFFFFF'
2055	01	007D9	25100000 A		DATA	X'25100000'
2056	01	007DA	BFFFFFFFF A		DATA	X'BFFFFFFFF'
2057	01	007DB	BFFFFFFFF A		DATA	X'BFFFFFFFF'
2058	01	007DC	FFFFFFFF A		DATA	X'FFFFFFFF'
2059	01	007DD	00000000 A		DATA	X'0'
2060	01	007DE	FFFFFFFF A		DATA	X'FFFFFFFF'
2061	01	007DF	FFFFFFFF A		DATA	X'FFFFFFFF'
2062	01	007E0	FFFFFFFF A	FMLO9	DATA	-12
2063	01	007E1	1FC003E0		FMLO9	MEMORY
2064	01	007E2	0530019B N		K	0,5,3,FLPFSW
2065	01	007E3	25300145 N		K	2,5,3,LBC+2
2066	01	007E4	40000000 A		DATA	X'40000000'
2067	01	007E5	25100000 A		DATA	X'25100000'
2068	01	007E6	40000000 A		DATA	X'40000000'
2069	01	007E7	40000000 A		DATA	X'40000000'
2070	01	007E8	00000001 A		DATA	X'00000001'
2071	01	007E9	00000000 A		DATA	X'0'
2072	01	007EA	00000001 A		DATA	X'00000001'
2073	01	007EB	00000001 A		DATA	X'1'

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2074				PAGE		
2075	01	007EC	FFFFFFFF A	FML10	DATA	-12
2076	01	007ED	1FC003E0		FML#12	MEMORY
2077	01	007EE	0530019B N		K	0,5,3,FLPFSW
2078	01	007EF	15300145 N		K	1,5,3,L8C+2
2079	01	007F0	FC7CF1CC A		DATA	X'FC7CF1CC'
2080	01	007F1	C5D399C0 A		DATA	X'C5D399C0'
2081	01	007F2	7756BA80 A		DATA	X'7756BA80'
2082	01	007F3	7756BA80 A		DATA	X'7756BA80'
2083	01	007F4	80AA9FD4 A		DATA	X'80AA9FD4'
2084	01	007F5	ACBFB2BA A		DATA	X'ACBFB2BA'
2085	01	007F6	59C61C18 A		DATA	X'59C61C18'
2086	01	007F7	59C61C18 A		DATA	X'59C61C18'
2087	01	007F8	FFFFFFFF A	FML11	DATA	-12
2088	01	007F9	1FC003E0		FML#12	MEMORY
2089	01	007FA	0530019B N		K	0,5,3,FLPFSW
2090	01	007FB	15300145 N		K	1,5,3,L8C+2
2091	01	007FC	F1C3C731 A		DATA	X'F1C3C731'
2092	01	007FD	F4887E77 A		DATA	X'F4887E77'
2093	01	007FE	3F01FC03 A		DATA	X'3F01FC03'
2094	01	007FF	3F01FC03 A		DATA	X'3F01FC03'
2095	01	00800	7F56BA80 A		DATA	X'7F56BA80'
2096	01	00801	356A3FD1 A		DATA	X'356A3FD1'
2097	01	00802	70000000 A		DATA	X'70000000'
2098	01	00803	70000000 A		DATA	X'70000000'
2099	01	00804	FFFFFFFF A	FML12	DATA	-12
2100	01	00805	1FC003E0		FML#12	MEMORY
2101	01	00806	0530019B N		K	0,5,3,FLPFSW
2102	01	00807	15300145 N		K	1,5,3,L8C+2
2103	01	00808	C0B53C70 A		DATA	X'C0B53C70'
2104	01	00809	DCC6D465 A		DATA	X'DCC6D465'
2105	01	0080A	31C3C1F0 A		DATA	X'31C3C1F0'
2106	01	0080B	31C3C1F0 A		DATA	X'31C3C1F0'
2107	01	0080C	3DF91CF8 A		DATA	X'3DF91CF8'
2108	01	0080D	B74535C0 A		DATA	X'B74535C0'
2109	01	0080E	DF4F3C70 A		DATA	X'DF4F3C70'
2110	01	0080F	DF4F3C70 A		DATA	X'DF4F3C70'

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2111				PAGE		
2112	01	00810	FFFFFFFF A	FML13	DATA	-12
2113	01	00811	1FC003E0		FML#12	MEMORY
2114	01	00812	0530019B N		K	0,5,3,FLPFSW
2115	01	00813	25300145 N		K	2,5,3,L8C+2
2116	01	00814	60B6D36D A		DATA	X'60B6D36D'
2117	01	00815	3E8D81C7 A		DATA	X'3E8D81C7'
2118	01	00816	11C61C18 A		DATA	X'11C61C18'
2119	01	00817	11C61C18 A		DATA	X'11C61C18'
2120	01	00818	5B080E1D A		DATA	X'5B080E1D'
2121	01	00819	BB1093F1 A		DATA	X'BB1093F1'
2122	01	0081A	021871E7 A		DATA	X'021871E7'
2123	01	0081B	021871E7 A		DATA	X'021871E7'
2124	01	0081C	FFFFFFFF A	FML14	DATA	-12
2125	01	0081D	1FC003E0		FML#12	MEMORY
2126	01	0081E	0530019B N		K	0,5,3,FLPFSW
2127	01	0081F	25300145 N		K	2,5,3,L8C+2
2128	01	00820	C05B3C70 A		DATA	X'C05B3C70'
2129	01	00821	10261D9E A		DATA	X'10261D9E'
2130	01	00822	E1C4C737 A		DATA	X'E1C4C737'
2131	01	00823	E1C4C737 A		DATA	X'E1C4C737'
2132	01	00824	7CF5C8E1 A		DATA	X'7CF5C8E1'
2133	01	00825	0D7BE104 A		DATA	X'0D7BE104'
2134	01	00826	42468ACE A		DATA	X'42468ACE'
2135	01	00827	42468ACE A		DATA	X'42468ACE'
2136	01	00828	FFFFFFFF A	FML15	DATA	-12
2137	01	00829	1FC003E0		FML#12	MEMORY
2138	01	0082A	0530019B N		K	0,5,3,FLPFSW
2139	01	0082B	25300145 N		K	2,5,3,L8C+2
2140	01	0082C	50012345 A		DATA	X'50012345'
2141	01	0082D	1389389C A		DATA	X'1389389C'
2142	01	0082E	060789AB A		DATA	X'060789AB'
2143	01	0082F	060789AB A		DATA	X'060789AB'
2144	01	00830	8C178F32 A		DATA	X'8C178F32'
2145	01	00831	6CA380D7 A		DATA	X'6CA380D7'
2146	01	00832	258BCDEF A		DATA	X'258BCDEF'
2147	01	00833	258BCDEF A		DATA	X'258BCDEF'

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2148					PAGE		
2149	01	00834	FFFFFFFF A	FML16	DATA	-12	FML
2150	01	00835	1FC003E0		FML*12	MEMORY	
2151	01	00836	0530019B N		K	0,5,3,FLPFSW	
2152	01	00837	15300145 N		K	1,5,3,L8C+2	
2153	01	00838	89ABCDEF A		DATA	X'89ABCDEF'	
2154	01	00839	C9E37DE2 A		DATA	X'C9E37DE2'	
2155	01	0083A	0056AE37 A		DATA	X'0056AE37'	
2156	01	0083B	0056AE37 A		DATA	X'0056AE37'	
2157	01	0083C	634AC271 A		DATA	X'634AC271'	
2158	01	0083D	0E7154D5 A		DATA	X'0E7154D5'	
2159	01	0083E	8F258BE1 A		DATA	X'8F258BE1'	
2160	01	0083F	8F258BE1 A		DATA	X'8F258BE1'	
2161	01	00840	FFFFFFFF4 A	FML17	DATA	-12	FML
2162	01	00841	1FC003E0		FML*12	MEMORY	
2163	01	00842	0530019B N		K	0,5,3,FLPFSW	
2164	01	00843	25300145 N		K	2,5,3,L8C+2	
2165	01	00844	BF1357BD A		DATA	X'BF1357BD'	
2166	01	00845	02E98078 A		DATA	X'02E98078'	
2167	01	00846	F00369CF A		DATA	X'F00369CF'	
2168	01	00847	F00369CF A		DATA	X'F00369CF'	
2169	01	00848	E486C66P A		DATA	X'E486C66P'	
2170	01	00849	16EF6C2A A		DATA	X'16EF6C2A'	
2171	01	0084A	F147AD03 A		DATA	X'F147AD03'	
2172	01	0084B	F147AD03 A		DATA	X'F147AD03'	
2173	01	0084C	FFFFFFFF4 A	FML18	DATA	-12	FML
2174	01	0084D	1FC003E0		FML*12	MEMORY	
2175	01	0084E	0530019B N		K	0,5,3,FLPFSW	
2176	01	0084F	15300145 N		K	1,5,3,L8C+2	
2177	01	00850	E2006AE3 A		DATA	X'E2006AE3'	
2178	01	00851	C37446F3 A		DATA	X'C37446F3'	
2179	01	00852	61008BF3 A		DATA	X'61008BF3'	
2180	01	00853	61008BF3 A		DATA	X'61008BF3'	
2181	01	00854	5A5ACF3B A		DATA	X'5A5ACF3B'	
2182	01	00855	F3887D87 A		DATA	X'F3887D87'	
2183	01	00856	7327C16B A		DATA	X'7327C16B'	
2184	01	00857	7327C16B A		DATA	X'7327C16B'	

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2185					PAGE		
2186	01	00858	FFFFFFFF4 A	FML19	DATA	-12	FML
2187	01	00859	1FC003E0		FML*12	MEMORY	
2188	01	0085A	0530019B N		K	0,5,3,FLPFSW	
2189	01	0085B	25300145 N		K	2,5,3,L8C+2	
2190	01	0085C	AF00049E A		DATA	X'AF00049E'	
2191	01	0085D	29FFF6C1 A		DATA	X'29FFF6C1'	
2192	01	0085E	E200049F A		DATA	X'E200049F'	
2193	01	0085F	E200049F A		DATA	X'E200049F'	
2194	01	00860	F0259E49 A		DATA	X'F0259E49'	
2195	01	00861	351390DA A		DATA	X'351390DA'	
2196	01	00862	F0259E49 A		DATA	X'F0259E49'	
2197	01	00863	F0259E49 A		DATA	X'F0259E49'	
2198	01	00864	FFFFFFFF4 A	FML20	DATA	-12	FML
2199	01	00865	1FC003E0		FML*12	MEMORY	
2200	01	00866	0530019B N		K	0,5,3,FLPFSW	
2201	01	00867	15300145 N		K	1,5,3,L8C+2	
2202	01	00868	670000B2 A		DATA	X'670000B2'	
2203	01	00869	C84D293B A		DATA	X'C84D293B'	
2204	01	0086A	E80000AB A		DATA	X'E80000AB'	
2205	01	0086B	E80000AB A		DATA	X'E80000AB'	
2206	01	0086C	D73C2826 A		DATA	X'D73C2826'	
2207	01	0086D	E80D2F6D A		DATA	X'E80D2F6D'	
2208	01	0086E	E159F059 A		DATA	X'E159F059'	
2209	01	0086F	E159F059 A		DATA	X'E159F059'	
2210	01	00870	FFFFFFFF4 A	FML21	DATA	-12	FML
2211	01	00871	1FC003E0		FML*12	MEMORY	
2212	01	00872	0530019B N		K	0,5,3,FLPFSW	
2213	01	00873	25300145 N		K	2,5,3,L8C+2	
2214	01	00874	10000006 A		DATA	X'10000006'	
2215	01	00875	1D1A6590 A		DATA	X'1D1A6590'	
2216	01	00876	57000003 A		DATA	X'57000003'	
2217	01	00877	57000003 A		DATA	X'57000003'	
2218	01	00878	F1A3C842 A		DATA	X'F1A3C842'	
2219	01	00879	C8B4C10E A		DATA	X'C8B4C10E'	
2220	01	0087A	C02A3C71 A		DATA	X'C02A3C71'	
2221	01	0087B	C02A3C71 A		DATA	X'C02A3C71'	

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2223	01	0087C	FFFFFFFF4 A	FML22	DATA	-12	FML	
2224	01	0087D	1FC003E0		FML*12	MEMORY		
2225	01	0087E	0530019B N		K	0,5,3,FLPFSW		
2226	01	0087F	25300145 N		K	2,5,3,LC+2		
2227	01	00880	42000000 A		DATA	x'42000000'		
2228	01	00881	3A10AF2B A		DATA	x'3A10AF2B'		
2229	01	00882	3E3AF92C A		DATA	x'3E3AF92C'		
2230	01	00883	3E3AF92C A		DATA	x'3E3AF92C'		
2231	01	00884	486CEA47 A		DATA	x'486CEA47'		
2232	01	00885	9841B130 A		DATA	x'9841B130'		
2233	01	00886	76B15038 A		DATA	x'76B15038'		
2234	01	00887	76B15038 A		DATA	x'76B15038'		
2235	01	00888	FFFFFFFF4 A	FML23	DATA	-12	FML	
2236	01	00889	1FC003E0		FML*12	MEMORY		
2237	01	0088A	0530019B N		K	0,5,3,FLPFSW		
2238	01	0088B	15300145 N		K	1,5,3,LC+2		
2239	01	0088C	D2000000 A		DATA	x'D2000000'		
2240	01	0088D	E2A247F9 A		DATA	x'E2A247F9'		
2241	01	0088E	37000000 A		DATA	x'37000000'		
2242	01	0088F	37000000 A		DATA	x'37000000'		
2243	01	00890	07C16D1F A		DATA	x'07C16D1F'		
2244	01	00891	92D6D7DD A		DATA	x'92D6D7DD'		
2245	01	00892	05D38067 A		DATA	x'05D38067'		
2246	01	00893	05D38067 A		DATA	x'05D38067'		
2247	01	00894	FFFFFFFF4 A	FML24	DATA	-12	FML	
2248	01	00895	1FC003E0		FML*12	MEMORY		
2249	01	00896	0530019B N		K	0,5,3,FLPFSW		
2250	01	00897	25300145 N		K	2,5,3,LC+2		
2251	01	00898	C8000000 A		DATA	x'C8000000'		
2252	01	00899	53FFFFFFFF A		DATA	x'53FFFFFFFF'		
2253	01	0089A	A0000000 A		DATA	x'A0000000'		
2254	01	0089B	A0000000 A		DATA	x'A0000000'		
2255	01	0089C	009191B8 A		DATA	x'009191B8'		
2256	01	0089D	FE89075C A		DATA	x'FE89075C'		
2257	01	0089E	00E566E9 A		DATA	x'00E566E9'		
2258	01	0089F	00E566E9 A		DATA	x'00E566E9'		

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2259					PAGE			
2260	01	008A0	FFFFFFFF4 A	FML25	DATA	-12	FML	
2261	01	008A1	1FC003E0		FML*12	MEMORY		
2262	01	008A2	0530019B N		K	0,5,3,FLPFSW		
2263	01	008A3	15300145 N		K	1,5,3,LC+2		
2264	01	008A4	1F000000 A		DATA	x'1F000000'		
2265	01	008A5	CC01B200 A		DATA	x'CC01B200'		
2266	01	008A6	A2000000 A		DATA	x'A2000000'		
2267	01	008A7	A2000000 A		DATA	x'A2000000'		
2268	01	008A8	0002E4E0 A		DATA	x'0002E4E0'		
2269	01	008A9	000253B4 A		DATA	x'000253B4'		
2270	01	008AA	000D099D A		DATA	x'000D099D'		
2271	01	008AB	000D099D A		DATA	x'000D099D'		
2272	01	008AC	FFFFFFFF4 A	FML26	DATA	-12	FML	
2273	01	008AD	1FC003E0		FML*12	MEMORY		
2274	01	008AE	0530019B N		K	0,5,3,FLPFSW		
2275	01	008AF	15300145 N		K	1,5,3,LC+2		
2276	01	008B0	89000000 A		DATA	x'89000000'		
2277	01	008B1	8FC73000 A		DATA	x'8FC73000'		
2278	01	008B2	14000000 A		DATA	x'14000000'		
2279	01	008B3	14000000 A		DATA	x'14000000'		
2280	01	008B4	0000438D A		DATA	x'0000438D'		
2281	01	008B5	00000EFE A		DATA	x'00000EFE'		
2282	01	008B6	000038D0 A		DATA	x'000038D0'		
2283	01	008B7	000038D0 A		DATA	x'000038D0'		
2284	01	008B8	FFFFFFFF4 A	FML27	DATA	-12	FML	
2285	01	008B9	1FC003E0		FML*12	MEMORY		
2286	01	008BA	0530019B N		K	0,5,3,FLPFSW		
2287	01	008BB	25300145 N		K	2,5,3,LC+2		
2288	01	008BC	6D000000 A		DATA	x'6D000000'		
2289	01	008BD	2D435D2C A		DATA	x'2D435D2C'		
2290	01	008BE	16000000 A		DATA	x'16000000'		
2291	01	008BF	16000000 A		DATA	x'16000000'		
2292	01	008C0	000009F2 A		DATA	x'000009F2'		
2293	01	008C1	00000000 A		DATA	x'0'		
2294	01	008C2	000006C6 A		DATA	x'000006C6'		
2295	01	008C3	000006C6 A		DATA	x'000006C6'		

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2296						
2297	01	008C4	FFFFFFFF A	FML28	DATA	-12 FML
2298	01	008C5	1FC003E0		FML,12	MEMORY
2299	01	008C6	0530019B N		K	0,5,3,FLPFSW
2300	01	008C7	25300145 N		K	2,5,3,L8C+2
2301	01	008C8	C6000000 A		DATA	X'C6000000'
2302	01	008C9	11FFFFFF A		DATA	X'11FFFFFF'
2303	01	008CA	E7000000 A		DATA	X'E7000000'
2304	01	008CB	E7000000 A		DATA	X'E7000000'
2305	01	008CC	00000084 A		DATA	X'00000084'
2306	01	008CD	FFFFFFF37 A		DATA	X'FFFFFFF37'
2307	01	008CE	00000045 A		DATA	X'00000045'
2308	01	008CF	00000045 A		DATA	X'00000045'
2309	01	008D0	FFFFFFF4 A	FML29	DATA	-12 FML
2310	01	008D1	1FC003E0		FML,12	MEMORY
2311	01	008D2	0530019B N		K	0,5,3,FLPFSW
2312	01	008D3	25300145 N		K	2,5,3,L8C+2
2313	01	008D4	CC1FC7CF A		DATA	X'CC1FC7CF'
2314	01	008D5	2E2EFCB9 A		DATA	X'2E2EFCB9'
2315	01	008D6	C3FCA5A5 A		DATA	X'C3FCA5A5'
2316	01	008D7	C3FCA5A5 A		DATA	X'C3FCA5A5'
2317	01	008D8	85631AF2 A		DATA	X'85631AF2'
2318	01	008D9	5B724390 A		DATA	X'5B724390'
2319	01	008DA	7FFFFFFF A		DATA	X'7FFFFFFF'
2320	01	008DB	7FFFFFFF A		DATA	X'7FFFFFFF'
2321	01	008DC	FFFFFFF4 A	FML30	DATA	-12 FML
2322	01	008DD	1FC003E0		FML,12	MEMORY
2323	01	008DE	0530019B N		K	0,5,3,FLPFSW
2324	01	008DF	25300145 N		K	2,5,3,L8C+2
2325	01	008E0	DAC269A5 A		DATA	X'DAC269A5'
2326	01	008E1	1D120522 A		DATA	X'1D120522'
2327	01	008E2	C7B51894 A		DATA	X'C7B51894'
2328	01	008E3	C7B51894 A		DATA	X'C7B51894'
2329	01	008E4	E9D73A96 A		DATA	X'E9D73A96'
2330	01	008E5	973A7874 A		DATA	X'973A7874'
2331	01	008E6	63A40763 A		DATA	X'63A40763'
2332	01	008E7	63A40763 A		DATA	X'63A40763'

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2333						
2334	01	008E8	FFFFFFF4 A	FML31	DATA	-12 FML
2335	01	008E9	1FC003E0		FML,12	MEMORY
2336	01	008EA	0530019B N		K	0,5,3,FLPFSW
2337	01	008EB	25300145 N		K	2,5,3,L8C+2
2338	01	008EC	160A59C9 A		DATA	X'160A59C9'
2339	01	008ED	19A08D59 A		DATA	X'19A08D59'
2340	01	008EE	44F82DDE A		DATA	X'44F82DDE'
2341	01	008EF	44F82DDE A		DATA	X'44F82DDE'
2342	01	008F0	136AF5B2 A		DATA	X'136AF5B2'
2343	01	008F1	40E7DACC A		DATA	X'40E7DACC'
2344	01	008F2	AE1A4FE0 A		DATA	X'AE1A4FE0'
2345	01	008F3	AE1A4FE0 A		DATA	X'AE1A4FE0'
2346	01	008F4	FFFFFFF4 A	FML32	DATA	-12 FML
2347	01	008F5	1FC003E0		FML,12	MEMORY
2348	01	008F6	0530019B N		K	0,5,3,FLPFSW
2349	01	008F7	25300145 N		K	2,5,3,L8C+2
2350	01	008F8	26C9AA05 A		DATA	X'26C9AA05'
2351	01	008F9	1C916A57 A		DATA	X'1C916A57'
2352	01	008FA	36B897C4 A		DATA	X'36B897C4'
2353	01	008FB	36B897C4 A		DATA	X'36B897C4'
2354	01	008FC	37DA99E6 A		DATA	X'37DA99E6'
2355	01	008FD	6E5E09FE A		DATA	X'6E5E09FE'
2356	01	008FE	04A766B3 A		DATA	X'04A766B3'
2357	01	008FF	04A766B3 A		DATA	X'04A766B3'
2358	01	00900	FFFFFFF4 A	FML33	DATA	-12 FML
2359	01	00901	1FC003E0		FML,12	MEMORY
2360	01	00902	0530019B N		K	0,5,3,FLPFSW
2361	01	00903	25300145 N		K	2,5,3,L8C+2
2362	01	00904	5A0DC619 A		DATA	X'5A0DC619'
2363	01	00905	3995A829 A		DATA	X'3995A829'
2364	01	00906	20ADD84E A		DATA	X'20ADD84E'
2365	01	00907	20ADD84E A		DATA	X'20ADD84E'
2366	01	00908	8508753F A		DATA	X'8508753F'
2367	01	00909	AC737E0D A		DATA	X'AC737E0D'
2368	01	0090A	4A1FEA60 A		DATA	X'4A1FEA60'
2369	01	0090B	4A1FEA60 A		DATA	X'4A1FEA60'

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2370				PAGE			
2371	01	0090C	FFFFFFFF4 A	FML34	DATA	-12	FML
2372	01	0090D	1FC003E0		FML*12	MEMORY	
2373	01	0090E	05300198 N		K	0,5,3,FLPFSW	
2374	01	0090F	25300145 N		K	2,5,3,L8C+2	
2375	01	00910	43043218 A		DATA	X'43043218'	
2376	01	00911	2D191504 A		DATA	X'2D191504'	
2377	01	00912	2B5FA631 A		DATA	X'2B5FA631'	
2378	01	00913	2B5FA631 A		DATA	X'2B5FA631'	
2379	01	00914	4C798B51 A		DATA	X'4C798B51'	
2380	01	00915	F425B00C A		DATA	X'F425B00C'	
2381	01	00916	5DAB9C62 A		DATA	X'5DAB9C62'	
2382	01	00917	5DAB9C62 A		DATA	X'5DAB9C62'	
2383	01	00918	FFFFFFFF4 A	FML35	DATA	-12	FML
2384	01	00919	1FC003E0		FML*12	MEMORY	
2385	01	0091A	05300198 N		K	0,5,3,FLPFSW	
2386	01	0091B	15300145 N		K	1,5,3,L8C+2	
2387	01	0091C	3B667A40 A		DATA	X'3B667A40'	
2388	01	0091D	E8D70A3E A		DATA	X'E8D70A3E'	
2389	01	0091E	E699AD73 A		DATA	X'E699AD73'	
2390	01	0091F	E699AD73 A		DATA	X'E699AD73'	
2391	01	00920	E48DDF82 A		DATA	X'E48DDF82'	
2392	01	00921	C5075379 A		DATA	X'C5075379'	
2393	01	00922	916CD0A5 A		DATA	X'916CD0A5'	
2394	01	00923	916CD0A5 A		DATA	X'916CD0A5'	
2395	01	00924	FFFFFFFF4 A	FML36	DATA	-12	FML
2396	01	00925	1FC003E0		FML*12	MEMORY	
2397	01	00926	05300198 N		K	0,5,3,FLPFSW	
2398	01	00927	15300145 N		K	1,5,3,L8C+2	
2399	01	00928	53AEF1A4 A		DATA	X'53AEF1A4'	
2400	01	00929	E08CDA2F A		DATA	X'E08CDA2F'	
2401	01	0092A	F3578058 A		DATA	X'F3578058'	
2402	01	0092B	F3578058 A		DATA	X'F3578058'	
2403	01	0092C	BF6125A3 A		DATA	X'BF6125A3'	
2404	01	0092D	B8590872 A		DATA	X'B8590872'	
2405	01	0092E	81234034 A		DATA	X'81234034'	
2406	01	0092F	81234034 A		DATA	X'81234034'	

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2407				PAGE			
2408	01	00930	FFFFFFFF4 A	FML37	DATA	-12	FML
2409	01	00931	1FC003E0		FML*12	MEMORY	
2410	01	00932	05300198 N		K	0,5,3,FLPFSW	
2411	01	00933	25300145 N		K	2,5,3,L8C+2	
2412	01	00934	D3C25A96 A		DATA	X'D3C25A96'	
2413	01	00935	1A12F4D2 A		DATA	X'1A12F4D2'	
2414	01	00936	C9B14785 A		DATA	X'C9B14785'	
2415	01	00937	C9B14785 A		DATA	X'C9B14785'	
2416	01	00938	E9D369A7 A		DATA	X'E9D369A7'	
2417	01	00939	5AC8D64E A		DATA	X'5AC8D64E'	
2418	01	0093A	B6A03674 A		DATA	X'B6A03674'	
2419	01	0093B	B6A03674 A		DATA	X'B6A03674'	
2420	01	0093C	FFFFFFFF4 A	FML38	DATA	-12	FML
2421	01	0093D	1FC003E0		FML*12	MEMORY	
2422	01	0093E	05300198 N		K	0,5,3,FLPFSW	
2423	01	0093F	25300145 N		K	2,5,3,L8C+2	
2424	01	00940	1C0596DA A		DATA	X'1C0596DA'	
2425	01	00941	2B54DAFB A		DATA	X'2B54DAFB'	
2426	01	00942	4DF2E8D8 A		DATA	X'4DF2E8D8'	
2427	01	00943	4DF2E8D8 A		DATA	X'4DF2E8D8'	
2428	01	00944	3708F585 A		DATA	X'3708F585'	
2429	01	00945	777B86FD A		DATA	X'777B86FD'	
2430	01	00946	6E140AFA A		DATA	X'6E140AFA'	
2431	01	00947	6E140AFA A		DATA	X'6E140AFA'	
2432	01	00948	FFFFFFFF4 A	FML39	DATA	-12	FML
2433	01	00949	1FC003E0		FML*12	MEMORY	
2434	01	0094A	05300198 N		K	0,5,3,FLPFSW	
2435	01	0094B	15300145 N		K	1,5,3,L8C+2	
2436	01	0094C	13048243 A		DATA	X'13048243'	
2437	01	0094D	D3D73197 A		DATA	X'D3D73197'	
2438	01	0094E	A56F321B A		DATA	X'A56F321B'	
2439	01	0094F	A56F321B A		DATA	X'A56F321B'	
2440	01	00950	DFA08A94 A		DATA	X'DFA08A94'	
2441	01	00951	C0ED95BC A		DATA	X'C0ED95BC'	
2442	01	00952	9ACB652D A		DATA	X'9ACB652D'	
2443	01	00953	9ACB652D A		DATA	X'9ACB652D'	

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2444				PAGE		
2445	01	00954	FFFFFFF4 A	FML40	DATA	-12 FML
2446	01	00955	1FC003E0		FMS#12	MEMBRY
2447	01	00956	05300198 N		K	0,5,3,FLPFSW
2448	01	00957	25300145 N		K	2,5,3,LBC+2
2449	01	00958	1CC7FCFC A		DATA	X'1CC7FCFC'
2450	01	00959	364A9399 A		DATA	X'364A9399'
2451	01	0095A	5A5F7680 A		DATA	X'5A5F7680'
2452	01	0095B	5A5F7680 A		DATA	X'5A5F7680'
2453	01	0095C	37C1F3C1 A		DATA	X'37C1F3C1'
2454	01	0095D	C95D07AA A		DATA	X'C95D07AA'
2455	01	0095E	1CC95618 A		DATA	X'1CC95618'
2456	01	0095F	1CC95618 A		DATA	X'1CC95618'

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2457				PAGE		
2458	01	00960	FFFFFFF4 A	FMS01	DATA	-12 FMS R EVEN
2459	01	00961	3FC003E0		FMS#12	MEMBRY
2460	01	00962	05300198 N		K	0,5,3,FLPFSW
2461	01	00963	15300145 N		K	1,5,3,LBC+2
2462	01	00964	46555555 A		DATA	X'46555555'
2463	01	00965	F5C71C71 A		DATA	X'F5C71C71'
2464	01	00966	F3555555 A		DATA	X'F3555555'
2465	01	00967	F3555555 A		DATA	X'F3555555'
2466	01	00968	00000000 A		DATA	X'0'
2467	01	00969	E38E3900 A		DATA	X'E38E3900'
2468	01	0096A	00000000 A		DATA	X'0'
2469	01	0096B	00000000 A		DATA	X'0'
2470	01	0096C	FFFFFFF4 A	FMS02	DATA	-12 FMS
2471	01	0096D	3FC003E0		FMS#12	MEMBRY
2472	01	0096E	05300198 N		K	0,5,3,FLPFSW
2473	01	0096F	15300145 N		K	1,5,3,LBC+2
2474	01	00970	08AAAAAA A		DATA	X'08AAAAAA'
2475	01	00971	F2C71C71 A		DATA	X'F2C71C71'
2476	01	00972	BAAAAAAA A		DATA	X'BAAAAAAA'
2477	01	00973	BAAAAAAA A		DATA	X'BAAAAAAA'
2478	01	00974	00000000 A		DATA	X'0'
2479	01	00975	8E38E400 A		DATA	X'8E38E400'
2480	01	00976	00000000 A		DATA	X'0'
2481	01	00977	00000000 A		DATA	X'0'
2482	01	00978	FFFFFFF4 A	FMS03	DATA	-12 FMS
2483	01	00979	3FC003E0		FMS#12	MEMBRY
2484	01	0097A	05300198 N		K	0,5,3,FLPFSW
2485	01	0097B	05300145 N		K	0,5,3,LBC+2
2486	01	0097C	80000000 A		DATA	X'80000000'
2487	01	0097D	00000000 A		DATA	X'0'
2488	01	0097E	7F000000 A		DATA	X'7F000000'
2489	01	0097F	7F000000 A		DATA	X'7F000000'
2490	01	00980	00000000 A		DATA	X'0'
2491	01	00981	00000000 A		DATA	X'0'
2492	01	00982	00000000 A		DATA	X'0'
2493	01	00983	00000000 A		DATA	X'0'

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2494					PAGE			
2495	01	00984	FFFFFFFF4 A	FMS04	DATA	-12	FMS	FEJF,FZ=0
2496	01	00985	3FC003E0		FMS,12	MEMORY		
2497	01	00986	05300198 N		K	0,5,3,FLPFSW		
2498	01	00987	C5300145 N		K	2,5,3,L8C+2		
2499	01	00988	01100000 A		DATA	X'01100000'		
2500	01	00989	00000000 A		DATA	X'0'		
2501	01	0098A	3F100000 A		DATA	X'3F100000'		
2502	01	0098B	3F100000 A		DATA	X'3F100000'		
2503	01	0098C	00000000 A		DATA	X'0'		
2504	01	0098D	00000000 A		DATA	X'0'		
2505	01	0098E	00000000 A		DATA	X'0'		
2506	01	0098F	00000000 A		DATA	X'0'		
2507	01	00990	FFFFFFFF4 A	FMS05	DATA	-12	FMS	
2508	01	00991	3FC003E0		FMS,12	MEMORY		
2509	01	00992	05300198 N		K	0,5,3,FLPFSW		
2510	01	00993	25300145 N		K	2,5,3,L8C+2		
2511	01	00994	CF000000 A		DATA	X'CF000000'		
2512	01	00995	1F100000 A		DATA	X'1F100000'		
2513	01	00996	CF000000 A		DATA	X'CF000000'		
2514	01	00997	CF000000 A		DATA	X'CF000000'		
2515	01	00998	00000000 A		DATA	X'0'		
2516	01	00999	00000000 A		DATA	X'0'		
2517	01	0099A	00000000 A		DATA	X'0'		
2518	01	0099B	00000000 A		DATA	X'0'		
2519	01	0099C	FFFFFFFF4 A	FMS06	DATA	-12	FMS	FEJF,FZ=1
2520	01	0099D	3FC003E0		FMS,12	MEMORY		
2521	01	0099E	07300198 N		K	0,7,3,FLPFSW		
2522	01	0099F	E730008A N		K	1,7,3,FPFRET+1		
2523	01	009A0	3F100000 A		DATA	X'3F100000'		
2524	01	009A1	3F100000 A		DATA	X'3F100000'		
2525	01	009A2	01100000 A		DATA	X'01100000'		
2526	01	009A3	01100000 A		DATA	X'01100000'		
2527	01	009A4	00000000 A		DATA	X'0'		
2528	01	009A5	00000000 A		DATA	X'0'		
2529	01	009A6	00000000 A		DATA	X'0'		
2530	01	009A7	00000000 A		DATA	X'0'		

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2531					PAGE			
2532	01	009A8	FFFFFFFF4 A	FMS07	DATA	-12	FMS	FE8F
2533	01	009A9	3FC003E0		FMS,12	MEMORY		
2534	01	009AA	05300198 N		K	0,5,3,FLPFSW		
2535	01	009AB	6530008A N		K	6,5,3,FPFRET+1		
2536	01	009AC	61369AD0 A		DATA	X'61369AD0'		
2537	01	009AD	61369AD0 A		DATA	X'61369AD0'		
2538	01	009AE	60159027 A		DATA	X'60159027'		
2539	01	009AF	60159027 A		DATA	X'60159027'		
2540	01	009B0	00000000 A		DATA	X'0'		
2541	01	009B1	00000000 A		DATA	X'0'		
2542	01	009B2	00000000 A		DATA	X'0'		
2543	01	009B3	00000000 A		DATA	X'0'		
2544	01	009B4	FFFFFFFF4 A	FMS08	DATA	-12	FMS	
2545	01	009B5	3FC003E0		FMS,12	MEMORY		
2546	01	009B6	05300198 N		K	0,5,3,FLPFSW		
2547	01	009B7	25300145 N		K	2,5,3,L8C+2		
2548	01	009B8	61659CC1 A		DATA	X'61659CC1'		
2549	01	009B9	2D144963 A		DATA	X'2D144963'		
2550	01	009BA	0C331C1F A		DATA	X'0C331C1F'		
2551	01	009BB	0C331C1F A		DATA	X'0C331C1F'		
2552	01	009BC	00000000 A		DATA	X'0'		
2553	01	009BD	E6175F00 A		DATA	X'E6175F00'		
2554	01	009BE	00000000 A		DATA	X'0'		
2555	01	009BF	00000000 A		DATA	X'0'		
2556	01	009C0	FFFFFFFF4 A	FMS09	DATA	-12	FMS	
2557	01	009C1	3FC003E0		FMS,12	MEMORY		
2558	01	009C2	05300198 N		K	0,5,3,FLPFSW		
2559	01	009C3	25300145 N		K	2,5,3,L8C+2		
2560	01	009C4	C624A394 A		DATA	X'C624A394'		
2561	01	009C5	352360E1 A		DATA	X'352360E1'		
2562	01	009C6	C3D6B663 A		DATA	X'C3D6B663'		
2563	01	009C7	C3D6B663 A		DATA	X'C3D6B663'		
2564	01	009C8	00000000 A		DATA	X'0'		
2565	01	009C9	2E7A3C00 A		DATA	X'2E7A3C00'		
2566	01	009CA	00000000 A		DATA	X'0'		
2567	01	009CB	00000000 A		DATA	X'0'		

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Address	Op	OpCode	Operand	Page	Content	Label
2568						
2569	01	009CC	FFFFFFF4 A	FMS10	DATA -12	FMS
2570	01	009CD	3FC003E0		MEMBRY	
2571	01	009CE	05300198 N		K 0,5,3,FLPFSW	
2572	01	009CF	15300145 N		K 1,5,3,LBC+2	
2573	01	009D0	BCA5A5F3 A		DATA X'BCA5A5F3'	
2574	01	009D1	F9A698D9 A		DATA X'F9A698D9'	
2575	01	009D2	03FD4FC7 A		DATA X'03FD4FC7'	
2576	01	009D3	03FD4FC7 A		DATA X'03FD4FC7'	
2577	01	009D4	00000000 A		DATA X'0'	
2578	01	009D5	20FCE500 A		DATA X'20FCE500'	
2579	01	009D6	00000000 A		DATA X'0'	
2580	01	009D7	00000000 A		DATA X'0'	
2581	01	009D8	FFFFFFF4 A	FMS11	DATA -12	FMS
2582	01	009D9	3FC003E0		MEMBRY	
2583	01	009DA	05300198 N		K 0,5,3,FLPFSW	
2584	01	009DB	25300145 N		K 2,5,3,LBC+2	
2585	01	009DC	2C6E4866 A		DATA X'2C6E4866'	
2586	01	009DD	2D160489 A		DATA X'2D160489'	
2587	01	009DE	41331C1F A		DATA X'41331C1F'	
2588	01	009DF	41331C1F A		DATA X'41331C1F'	
2589	01	009E0	00000000 A		DATA X'0'	
2590	01	009E1	97EC5A00 A		DATA X'97EC5A00'	
2591	01	009E2	00000000 A		DATA X'0'	
2592	01	009E3	00000000 A		DATA X'0'	
2593	01	009E4	FFFFFFF4 A	FMS12	DATA -12	FMS
2594	01	009E5	3FC003E0		MEMBRY	
2595	01	009E6	05300198 N		K 0,5,3,FLPFSW	
2596	01	009E7	25300145 N		K 2,5,3,LBC+2	
2597	01	009E8	57A63427 A		DATA X'57A63427'	
2598	01	009E9	1A3C496D A		DATA X'1A3C496D'	
2599	01	009EA	035CD3C7 A		DATA X'035CD3C7'	
2600	01	009EB	035CD3C7 A		DATA X'035CD3C7'	
2601	01	009EC	00000000 A		DATA X'0'	
2602	01	009ED	D3E75100 A		DATA X'D3E75100'	
2603	01	009EE	00000000 A		DATA X'0'	
2604	01	009EF	00000000 A		DATA X'0'	

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Address	Op	OpCode	Operand	Page	Content	Label
2605						
2606	01	009F0	FFFFFFF4 A	FMS13	DATA -12	FMS
2607	01	009F1	3FC003E0		MEMBRY	
2608	01	009F2	05300198 N		K 0,5,3,FLPFSW	
2609	01	009F3	25300145 N		K 2,5,3,LBC+2	
2610	01	009F4	2878C1F3 A		DATA X'2878C1F3'	
2611	01	009F5	042963D1 A		DATA X'042963D1'	
2612	01	009F6	1C57CF8E A		DATA X'1C57CF8E'	
2613	01	009F7	1C57CF8E A		DATA X'1C57CF8E'	
2614	01	009F8	00000000 A		DATA X'0'	
2615	01	009F9	6411CA00 A		DATA X'6411CA00'	
2616	01	009FA	00000000 A		DATA X'0'	
2617	01	009FB	00000000 A		DATA X'0'	
2618	01	009FC	FFFFFFF4 A	FMS14	DATA -12	FMS
2619	01	009FD	3FC003E0		MEMBRY	
2620	01	009FE	05300198 N		K 0,5,3,FLPFSW	
2621	01	009FF	15300145 N		K 1,5,3,LBC+2	
2622	01	00A00	3F1301C0 A		DATA X'3F1301C0'	
2623	01	00A01	D26EC41B A		DATA X'D26EC41B'	
2624	01	00A02	D085BDE1 A		DATA X'D085BDE1'	
2625	01	00A03	D085BDE1 A		DATA X'D085BDE1'	
2626	01	00A04	00000000 A		DATA X'0'	
2627	01	00A05	F49C0000 A		DATA X'F49C0000'	
2628	01	00A06	00000000 A		DATA X'0'	
2629	01	00A07	00000000 A		DATA X'0'	
2630	01	00A08	FFFFFFF4 A	FMS15	DATA -12	FMS
2631	01	00A09	3FC003E0		MEMBRY	
2632	01	00A0A	05300198 N		K 0,5,3,FLPFSW	
2633	01	00A0B	15300145 N		K 1,5,3,LBC+2	
2634	01	00A0C	1C3F1C73 A		DATA X'1C3F1C73'	
2635	01	00A0D	F5E5580F A		DATA X'F5E5580F'	
2636	01	00A0E	D193DFCF A		DATA X'D193DFCF'	
2637	01	00A0F	D193DFCF A		DATA X'D193DFCF'	
2638	01	00A10	00000000 A		DATA X'0'	
2639	01	00A11	D92DFD00 A		DATA X'D92DFD00'	
2640	01	00A12	00000000 A		DATA X'0'	
2641	01	00A13	00000000 A		DATA X'0'	

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2642				PAGE		
2643	01	00A14	FFFFFFFF A	DATA	-12	FMS
2644	01	00A15	3FC003E0	FMS#12	MEMORY	
2645	01	00A16	0530019B N	K	0,5,3,FLPFSW	
2646	01	00A17	25300145 N	K	2,5,3,LBC+2	
2647	01	00A18	41659CC1 A	DATA	X'41659CC1'	
2648	01	00A19	0C294393 A	DATA	X'0C294393'	
2649	01	00A1A	0B67F5A8 A	DATA	X'0B67F5A8'	
2650	01	00A1B	0B67F5A8 A	DATA	X'0B67F5A8'	
2651	01	00A1C	00000000 A	DATA	X'0'	
2652	01	00A1D	5A93A800 A	DATA	X'5A93A800'	
2653	01	00A1E	00000000 A	DATA	X'0'	
2654	01	00A1F	00000000 A	DATA	X'0'	
2655	01	00A20	FFFFFFFF A	FMS17	DATA	-12
2656	01	00A21	3FC003E0	FMS#12	MEMORY	
2657	01	00A22	0530019B N	K	0,5,3,FLPFSW	
2658	01	00A23	15300145 N	K	1,5,3,LBC+2	
2659	01	00A24	CF7C7C1C A	DATA	X'CF7C7C1C'	
2660	01	00A25	CE0275D A	DATA	X'CE0275D'	
2661	01	00A26	41A80AFD A	DATA	X'41A80AFD'	
2662	01	00A27	41A80AFD A	DATA	X'41A80AFD'	
2663	01	00A28	00000000 A	DATA	X'0'	
2664	01	00A29	46BFAC00 A	DATA	X'46BFAC00'	
2665	01	00A2A	00000000 A	DATA	X'0'	
2666	01	00A2B	00000000 A	DATA	X'0'	
2667	01	00A2C	FFFFFFFF A	FMS18	DATA	-12
2668	01	00A2D	3FC003E0	FMS#12	MEMORY	
2669	01	00A2E	0530019B N	K	0,5,3,FLPFSW	
2670	01	00A2F	25300145 N	K	2,5,3,LBC+2	
2671	01	00A30	D256BCA9 A	DATA	X'D256BCA9'	
2672	01	00A31	3B917C3F A	DATA	X'3B917C3F'	
2673	01	00A32	B123F65A A	DATA	X'B123F65A'	
2674	01	00A33	B123F65A A	DATA	X'B123F65A'	
2675	01	00A34	00000000 A	DATA	X'0'	
2676	01	00A35	E3B96A00 A	DATA	X'E3B96A00'	
2677	01	00A36	00000000 A	DATA	X'0'	
2678	01	00A37	00000000 A	DATA	X'0'	

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2679				PAGE		
2680	01	00A38	FFFFFFFF A	FMS19	DATA	-12
2681	01	00A39	3FC003E0	FMS#12	MEMORY	
2682	01	00A3A	0530019B N	K	0,5,3,FLPFSW	
2683	01	00A3B	25300145 N	K	2,5,3,LBC+2	
2684	01	00A3C	34284031 A	DATA	X'34284031'	
2685	01	00A3D	23F04045 A	DATA	X'23F04045'	
2686	01	00A3E	385F8073 A	DATA	X'385F8073'	
2687	01	00A3F	385F8073 A	DATA	X'385F8073'	
2688	01	00A40	00000000 A	DATA	X'0'	
2689	01	00A41	C5603000 A	DATA	X'C5603000'	
2690	01	00A42	00000000 A	DATA	X'0'	
2691	01	00A43	00000000 A	DATA	X'0'	
2692	01	00A44	FFFFFFFF A	FMS20	DATA	-12
2693	01	00A45	3FC003E0	FMS#12	MEMORY	
2694	01	00A46	0530019B N	K	0,5,3,FLPFSW	
2695	01	00A47	15300145 N	K	1,5,3,LBC+2	
2696	01	00A48	AFA041E6 A	DATA	X'AFA041E6'	
2697	01	00A49	C2CAD2AA A	DATA	X'C2CAD2AA'	
2698	01	00A4A	2D8E2FD4 A	DATA	X'2D8E2FD4'	
2699	01	00A4B	2D8E2FD4 A	DATA	X'2D8E2FD4'	
2700	01	00A4C	00000000 A	DATA	X'0'	
2701	01	00A4D	63CC7800 A	DATA	X'63CC7800'	
2702	01	00A4E	00000000 A	DATA	X'0'	
2703	01	00A4F	00000000 A	DATA	X'0'	
2704	01	00A50	FFFFFFFF A	FMS21	DATA	-12
2705	01	00A51	3FD003E0	FMS#13	MEMORY	
2706	01	00A52	0530019B N	K	0,5,3,FLPFSW	
2707	01	00A53	15300145 N	K	1,5,3,LBC+2	
2708	01	00A54	00000000 A	DATA	X'0'	
2709	01	00A55	00000000 A	DATA	X'0'	
2710	01	00A56	A6950C1 A	DATA	X'A6950C1'	
2711	01	00A57	A6950C1 A	DATA	X'A6950C1'	
2712	01	00A58	1A963D9E A	DATA	X'1A963D9E'	
2713	01	00A59	D3A7910D A	DATA	X'D3A7910D'	
2714	01	00A5A	00000000 A	DATA	X'0'	
2715	01	00A5B	00000000 A	DATA	X'0'	

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2790				PAGE		
2791	01	00AA4	FFFFFFFF4 A	FMS28	DATA	-12
2792	01	00AA5	3F0003E0		FMS,13	MEMORY
2793	01	00AA6	0530019B N		K	0,5,3,FLPFSW
2794	01	00AA7	C5300145 N		K	1,5,3,L8C+2
2795	01	00AA8	00000000 A		DATA	X'0'
2796	01	00AA9	00000000 A		DATA	X'0'
2797	01	00AAA	26C9BAD5 A		DATA	X'26C9BAD5'
2798	01	00AAB	26C9BAD5 A		DATA	X'26C9BAD5'
2799	01	00AAC	136AF5B2 A		DATA	X'136AF5B2'
2800	01	00AAD	00000000 A		DATA	X'0'
2801	01	00AAE	00000000 A		DATA	X'0'
2802	01	00AAF	00000000 A		DATA	X'0'
2803	01	00AB0	FFFFFFFF4 A	FMS29	DATA	-12
2804	01	00AB1	3F0003E0		FMS,13	MEMORY
2805	01	00AB2	0530019B N		K	0,5,3,FLPFSW
2806	01	00AB3	15300145 N		K	1,5,3,L8C+2
2807	01	00AB4	00000000 A		DATA	X'0'
2808	01	00AB5	00000000 A		DATA	X'0'
2809	01	00AB6	51234034 A		DATA	X'51234034'
2810	01	00AB7	51234034 A		DATA	X'51234034'
2811	01	00AB8	F3578058 A		DATA	X'F3578058'
2812	01	00AB9	E2E8CC4A A		DATA	X'E2E8CC4A'
2813	01	00ABA	00000000 A		DATA	X'0'
2814	01	00ABB	00000000 A		DATA	X'0'
2815	01	00ABC	FFFFFFFF4 A	FMS30	DATA	-12
2816	01	00ABD	3F0003E0		FMS,13	MEMORY
2817	01	00ABE	0530019B N		K	0,5,3,FLPFSW
2818	01	00ABF	15300145 N		K	1,5,3,L8C+2
2819	01	00AC0	00000000 A		DATA	X'0'
2820	01	00AC1	00000000 A		DATA	X'0'
2821	01	00AC2	06AEF1A4 A		DATA	X'06AEF1A4'
2822	01	00AC3	06AEF1A4 A		DATA	X'06AEF1A4'
2823	01	00AC4	C080DF82 A		DATA	X'C080DF82'
2824	01	00AC5	FA820231 A		DATA	X'FA820231'
2825	01	00AC6	00000000 A		DATA	X'0'
2826	01	00AC7	00000000 A		DATA	X'0'

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2827				PAGE		
2828	01	00AC8	FFFFFFFF4 A	FMS31	DATA	-12
2829	01	00AC9	3F0003E0		FMS,13	MEMORY
2830	01	00ACA	0530019B N		K	0,5,3,FLPFSW
2831	01	00ACB	15300145 N		K	1,5,3,L8C+2
2832	01	00ACC	00000000 A		DATA	X'0'
2833	01	00ACD	00000000 A		DATA	X'0'
2834	01	00ACE	3D60D0A5 A		DATA	X'3D60D0A5'
2835	01	00ACF	3D60D0A5 A		DATA	X'3D60D0A5'
2836	01	00AD0	E699AD73 A		DATA	X'E699AD73'
2837	01	00AD1	E9D94DA7 A		DATA	X'E9D94DA7'
2838	01	00AD2	00000000 A		DATA	X'0'
2839	01	00AD3	00000000 A		DATA	X'0'
2840	01	00AD4	FFFFFFFF4 A	FMS32	DATA	-12
2841	01	00AD5	3F0003E0		FMS,13	MEMORY
2842	01	00AD6	0530019B N		K	0,5,3,FLPFSW
2843	01	00AD7	25300145 N		K	2,5,3,L8C+2
2844	01	00AD8	00000000 A		DATA	X'0'
2845	01	00AD9	00000000 A		DATA	X'0'
2846	01	00ADA	3B667A40 A		DATA	X'3B667A40'
2847	01	00ADB	3B667A40 A		DATA	X'3B667A40'
2848	01	00ADC	2C798351 A		DATA	X'2C798351'
2849	01	00ADD	2730A78D A		DATA	X'2730A78D'
2850	01	00ADE	00000000 A		DATA	X'0'
2851	01	00ADF	00000000 A		DATA	X'0'
2852	01	00AE0	FFFFFFFF4 A	FMS33	DATA	-12
2853	01	00AE1	3F0003E0		FMS,13	MEMORY
2854	01	00AE2	0530019B N		K	0,5,3,FLPFSW
2855	01	00AE3	25300145 N		K	2,5,3,L8C+2
2856	01	00AE4	00000000 A		DATA	X'0'
2857	01	00AE5	00000000 A		DATA	X'0'
2858	01	00AE6	5DA9C62 A		DATA	X'5DA9C62'
2859	01	00AE7	5DA9C62 A		DATA	X'5DA9C62'
2860	01	00AE8	2B5FA631 A		DATA	X'2B5FA631'
2861	01	00AE9	483FBECA A		DATA	X'483FBECA'
2862	01	00AEA	00000000 A		DATA	X'0'
2863	01	00AEB	00000000 A		DATA	X'0'

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2864			PAGE	
2865	01 00AEC	FFFFFFF4 A	FMS34 DATA	-12 FMS
2866	01 00AED	3FD003E0	FMS,13 MEMORY	
2867	01 00AEE	0530019B N	K	0,5,3,ELPFSW
2868	01 00AEF	15300145 N	K	1,5,3,L0C+2
2869	01 00AF0	00000000 A	DATA	X'0'
2870	01 00AF1	00000000 A	DATA	X'0'
2871	01 00AF2	67F4A1EA A	DATA	X'67F4A1EA'
2872	01 00AF3	67F4A1EA A	DATA	X'67F4A1EA'
2873	01 00AF4	EDD28F48 A	DATA	X'EDD28F48'
2874	01 00AF5	C6D493D4 A	DATA	X'C6D493D4'
2875	01 00AF6	00000000 A	DATA	X'0'
2876	01 00AF7	00000000 A	DATA	X'0'
2877	01 00AF8	FFFFFFF4 A	FMS35 DATA	-12 FMS
2878	01 00AF9	3FD003E0	FMS,13 MEMORY	
2879	01 00AFA	0530019B N	K	0,5,3,ELPFSW
2880	01 00AFB	15300145 N	K	1,5,3,L0C+2
2881	01 00AFC	00000000 A	DATA	X'0'
2882	01 00AFD	00000000 A	DATA	X'0'
2883	01 00AFE	9CD5A061 A	DATA	X'9CD5A061'
2884	01 00AFF	9CD5A061 A	DATA	X'9CD5A061'
2885	01 00B00	09A37D9E A	DATA	X'09A37D9E'
2886	01 00B01	D3E4F053 A	DATA	X'D3E4F053'
2887	01 00B02	00000000 A	DATA	X'0'
2888	01 00B03	00000000 A	DATA	X'0'
2889	01 00B04	FFFFFFF4 A	FMS36 DATA	-12 FMS
2890	01 00B05	3FD003E0	FMS,13 MEMORY	
2891	01 00B06	0530019B N	K	0,5,3,ELPFSW
2892	01 00B07	25300145 N	K	2,5,3,L0C+2
2893	01 00B08	00000000 A	DATA	X'0'
2894	01 00B09	00000000 A	DATA	X'0'
2895	01 00B0A	36704AB6 A	DATA	X'36704AB6'
2896	01 00B0B	36704AB6 A	DATA	X'36704AB6'
2897	01 00B0C	2981537C A	DATA	X'2981537C'
2898	01 00B0D	1F38BDC6 A	DATA	X'1F38BDC6'
2899	01 00B0E	00000000 A	DATA	X'0'
2900	01 00B0F	00000000 A	DATA	X'0'

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2901			PAGE	
2902	01 00B10	FFFFFFF4 A	FMS37 DATA	-12 FMS
2903	01 00B11	3FD003E0	FMS,13 MEMORY	
2904	01 00B12	0530019B N	K	0,5,3,ELPFSW
2905	01 00B13	25300145 N	K	2,5,3,L0C+2
2906	01 00B14	00000000 A	DATA	X'0'
2907	01 00B15	00000000 A	DATA	X'0'
2908	01 00B16	5A962CAD A	DATA	X'5A962CAD'
2909	01 00B17	5A962CAD A	DATA	X'5A962CAD'
2910	01 00B18	1FA1365B A	DATA	X'1FA1365B'
2911	01 00B19	395E91FB A	DATA	X'395E91FB'
2912	01 00B1A	00000000 A	DATA	X'0'
2913	01 00B1B	00000000 A	DATA	X'0'
2914	01 00B1C	FFFFFFF4 A	FMS38 DATA	-12 FMS
2915	01 00B1D	3FD003E0	FMS,13 MEMORY	
2916	01 00B1E	0530019B N	K	0,5,3,ELPFSW
2917	01 00B1F	15300145 N	K	1,5,3,L0C+2
2918	01 00B20	00000000 A	DATA	X'0'
2919	01 00B21	00000000 A	DATA	X'0'
2920	01 00B22	5A5ACF3B A	DATA	X'5A5ACF3B'
2921	01 00B23	5A5ACF3B A	DATA	X'5A5ACF3B'
2922	01 00B24	FC7CF1CC A	DATA	X'FC7CF1CC'
2923	01 00B25	E2D182EC A	DATA	X'E2D182EC'
2924	01 00B26	00000000 A	DATA	X'0'
2925	01 00B27	00000000 A	DATA	X'0'
2926	01 00B28	FFFFFFF4 A	FMS39 DATA	-12 FMS
2927	01 00B29	3FD003E0	FMS,13 MEMORY	
2928	01 00B2A	0530019B N	K	0,5,3,ELPFSW
2929	01 00B2B	15300145 N	K	1,5,3,L0C+2
2930	01 00B2C	00000000 A	DATA	X'0'
2931	01 00B2D	00000000 A	DATA	X'0'
2932	01 00B2E	283DB547 A	DATA	X'283DB547'
2933	01 00B2F	283DB547 A	DATA	X'283DB547'
2934	01 00B30	E486C662 A	DATA	X'E486C662'
2935	01 00B31	FCE2C76E A	DATA	X'FCE2C76E'
2936	01 00B32	00000000 A	DATA	X'0'
2937	01 00B33	00000000 A	DATA	X'0'

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2938				PAGE		
2939	01	00B34	FFFFFFF4 A	FMS40	DATA	-12
2940	01	00B35	3FD003E0		FMS	
2941	01	00B36	0530019B N	FMS#13	MEMBRY	
2942	01	00B37	25300145 N	K	0,5,3,FLPFSW	
2943	01	00B38	00000000 A		2,5,3,LBC+2	
2944	01	00B39	00000000 A	DATA	X'0'	
2945	01	00B3A	2F9D60D8 A	DATA	X'2F9D60D8'	
2946	01	00B3B	2F9D60D8 A	DATA	X'2F9D60D8'	
2947	01	00B3C	340982D9 A	DATA	X'340982D9'	
2948	01	00B3D	225D8D82 A	DATA	X'225D8D82'	
2949	01	00B3E	00000000 A	DATA	X'0'	
2950	01	00B3F	00000000 A	DATA	X'0'	

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2951				PAGE		
2952	01	00B40	FFFFFFF4 A	FDL01	DATA	-12
2953	01	00B41	1EC003E0		FDL#12	MEMBRY
2954	01	00B42	0530019B N		K	0,5,3,FLPFSW
2955	01	00B43	25300145 N		K	2,5,3,LBC+2
2956	01	00B44	BBAAAAAA A		DATA	X'BBAAAAAA'
2957	01	00B45	62800000 A		DATA	X'62800000'
2958	01	00B46	DD555555 A		DATA	X'DD555555'
2959	01	00B47	DD555555 A		DATA	X'DD555555'
2960	01	00B48	AAAAAAAA A		DATA	X'AAAAAAAA'
2961	01	00B49	00000000 A		DATA	X'0'
2962	01	00B4A	55555555 A		DATA	X'55555555'
2963	01	00B4B	55555555 A		DATA	X'55555555'
2964	01	00B4C	FFFFFFF4 A	FDL02	DATA	-12
2965	01	00B4D	1EC003E0		FDL#12	MEMBRY
2966	01	00B4E	0530019B N		K	0,5,3,FLPFSW
2967	01	00B4F	25300145 N		K	2,5,3,LBC+2
2968	01	00B50	10555555 A		DATA	X'10555555'
2969	01	00B51	4D800000 A		DATA	X'4D800000'
2970	01	00B52	03AAAAAA A		DATA	X'03AAAAAA'
2971	01	00B53	03AAAAAA A		DATA	X'03AAAAAA'
2972	01	00B54	55555555 A		DATA	X'55555555'
2973	01	00B55	00000000 A		DATA	X'0'
2974	01	00B56	AAAAAAAA A		DATA	X'AAAAAAAA'
2975	01	00B57	AAAAAAAA A		DATA	X'AAAAAAAA'
2976	01	00B58	FFFFFFF4 A	FDL03	DATA	-12
2977	01	00B59	1EC003E0		FDL#12	MEMBRY
2978	01	00B5A	0530019B N		K	0,5,3,FLPFSW
2979	01	00B5B	25300145 N		K	2,5,3,LBC+2
2980	01	00B5C	66AAAAAA A		DATA	X'66AAAAAA'
2981	01	00B5D	74200000 A		DATA	X'74200000'
2982	01	00B5E	33555555 A		DATA	X'33555555'
2983	01	00B5F	33555555 A		DATA	X'33555555'
2984	01	00B60	AAAAAAAA A		DATA	X'AAAAAAAA'
2985	01	00B61	00000000 A		DATA	X'0'
2986	01	00B62	55555555 A		DATA	X'55555555'
2987	01	00B63	55555555 A		DATA	X'55555555'

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2988					PAGE		
2989	01	00864	FFFFFFFF A	FDL04	DATA	-12	FDL
2990	01	00865	1EC003E0		FDL*12	MEMORY	
2991	01	00866	05300198 N		K	0,5,3,FLPFSW	
2992	01	00867	25300145 N		K	2,5,3,LBC*2	
2993	01	00868	EE555555 A		DATA	X'EE555555'	
2994	01	00869	2E1FFFFFF A		DATA	X'2E1FFFFFF'	
2995	01	0086A	D8AAAAAA A		DATA	X'D8AAAAAA'	
2996	01	0086B	D3AAAAAA A		DATA	X'D3AAAAAA'	
2997	01	0086C	55555555 A		DATA	X'55555555'	
2998	01	0086D	FFFFFFFF A		DATA	X'FFFFFFFF'	
2999	01	0086E	AAAAAAA A		DATA	X'AAAAAAA'	
3000	01	0086F	AAAAAAA A		DATA	X'AAAAAAA'	
3001	01	00870	FFFFFFFF A	FDL05	DATA	-12	FDL
3002	01	00871	1EC003E0		FDL*12	MEMORY	
3003	01	00872	05300198 N		K	0,5,3,FLPFSW	
3004	01	00873	05300145 N		K	0,5,3,LBC*2	
3005	01	00874	20000000 A		DATA	X'20000000'	
3006	01	00875	00000000 A		DATA	X'0'	
3007	01	00876	436B238 A		DATA	X'436B238'	
3008	01	00877	436B238 A		DATA	X'436B238'	
3009	01	00878	00000000 A		DATA	X'00000000'	
3010	01	00879	00000000 A		DATA	X'0'	
3011	01	0087A	6869210F A		DATA	X'6869210F'	
3012	01	0087B	6869210F A		DATA	X'6869210F'	
3013	01	0087C	FFFFFFFF A	FDL06	DATA	-12	FDL
3014	01	0087D	1EC003E0		FDL*12	MEMORY	
3015	01	0087E	05300198 N		K	0,5,3,FLPFSW	
3016	01	0087F	4300008A N		K	4,5,3,PPRET*1	
3017	01	00880	1F501355 A		DATA	X'1F501355'	
3018	01	00881	1F501355 A		DATA	X'1F501355'	
3019	01	00882	10000000 A		DATA	X'10000000'	
3020	01	00883	10000000 A		DATA	X'10000000'	
3021	01	00884	9960101A A		DATA	X'9960101A'	
3022	01	00885	9960101A A		DATA	X'9960101A'	
3023	01	00886	00000000 A		DATA	X'00000000'	
3024	01	00887	00000000 A		DATA	X'0'	

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3025					PAGE		
3026	01	00888	FFFFFFFF A	FDL07	DATA	-12	FDL
3027	01	00889	1EC003E0		FDL*12	MEMORY	
3028	01	0088A	05300198 N		K	0,5,3,FLPFSW	
3029	01	0088B	15300145 N		K	1,5,3,LBC*2	
3030	01	0088C	30100000 A		DATA	X'30100000'	
3031	01	0088D	AFB50001 A		DATA	X'AFB50001'	
3032	01	0088E	DFC962FB A		DATA	X'DFC962FB'	
3033	01	0088F	DFC962FB A		DATA	X'DFC962FB'	
3034	01	00890	00000000 A		DATA	X'00000000'	
3035	01	00891	8A99A95E A		DATA	X'8A99A95E'	
3036	01	00892	76D8F280 A		DATA	X'76D8F280'	
3037	01	00893	76D8F280 A		DATA	X'76D8F280'	
3038	01	00894	FFFFFFFF A	FDL08	DATA	-12	FDL
3039	01	00895	1EC003E0		FDL*12	MEMORY	
3040	01	00896	05300198 N		K	0,5,3,FLPFSW	
3041	01	00897	25300145 N		K	2,5,3,LBC*2	
3042	01	00898	36361BA7 A		DATA	X'36361BA7'	
3043	01	00899	6F361BA7 A		DATA	X'6F361BA7'	
3044	01	0089A	08100000 A		DATA	X'08100000'	
3045	01	0089B	08100000 A		DATA	X'08100000'	
3046	01	0089C	6568A665 A		DATA	X'6568A665'	
3047	01	0089D	6568A665 A		DATA	X'6568A665'	
3048	01	0089E	00000000 A		DATA	X'00000000'	
3049	01	0089F	00000000 A		DATA	X'0'	
3050	01	008A0	FFFFFFFF A	FDL09	DATA	-12	FDL
3051	01	008A1	1EC003E0		FDL*12	MEMORY	
3052	01	008A2	05300198 N		K	0,5,3,FLPFSW	
3053	01	008A3	C5300145 N		K	12,5,3,LBC*2	
3054	01	008A4	1059AE26 A		DATA	X'1059AE26'	
3055	01	008A5	00000000 A		DATA	X'0'	
3056	01	008A6	5527C16B A		DATA	X'5527C16B'	
3057	01	008A7	5527C16B A		DATA	X'5527C16B'	
3058	01	008A8	C16B05AF A		DATA	X'C16B05AF'	
3059	01	008A9	00000000 A		DATA	X'0'	
3060	01	008AA	05B16C28 A		DATA	X'05B16C28'	
3061	01	008AB	05B16C28 A		DATA	X'05B16C28'	

FDL = FEJF = FZ#0

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3062					PAGE		
3063	01	00BAC	FFFFFFF4 A	FDL10	DATA	-12	FDL - FEJF - FZ=1
3064	01	00BAD	1EC003E0		FDL*12	MEMORY	
3065	01	00BAE	0730019B N		K	0,5,3,FLPFSW	
3066	01	00BAF	E730008A N		K	1,4,7,3,FPFRET+1	
3067	01	00BB0	1059AE26 A		DATA	X'1059AE26'	
3068	01	00BB1	1059AE26 A		DATA	X'1059AE26'	
3069	01	00BB2	5527C16B A		DATA	X'5527C16B'	
3070	01	00BB3	5527C16B A		DATA	X'5527C16B'	
3071	01	00BB4	C16B05AF A		DATA	X'C16B05AF'	
3072	01	00BB5	C16B05AF A		DATA	X'C16B05AF'	
3073	01	00BB6	05B16C2B A		DATA	X'05B16C2B'	
3074	01	00BB7	05B16C2B A		DATA	X'05B16C2B'	
3075	01	00BB8	FFFFFFF4 A	FDL11	DATA	-12	FDL - FEBF
3076	01	00BB9	1EC003E0		FDL*12	MEMORY	
3077	01	00BBA	0530019B N		K	0,5,3,FLPFSW	
3078	01	00BBB	6530008A N		K	6,5,3,FPFRET+1	
3079	01	00BBC	7FA22676 A		DATA	X'7FA22676'	
3080	01	00BBD	7FA22676 A		DATA	X'7FA22676'	
3081	01	00BBE	3F212707 A		DATA	X'3F212707'	
3082	01	00BBF	3F212707 A		DATA	X'3F212707'	
3083	01	00BC0	C6C5116B A		DATA	X'C6C5116B'	
3084	01	00BC1	C6C5116B A		DATA	X'C6C5116B'	
3085	01	00BC2	92B682F0 A		DATA	X'92B682F0'	
3086	01	00BC3	92B682F0 A		DATA	X'92B682F0'	
3087	01	00BC4	FFFFFFF4 A	FDL12	DATA	-12	FDL
3088	01	00BC5	1EC003E0		FDL*12	MEMORY	
3089	01	00BC6	0530019B N		K	0,5,3,FLPFSW	
3090	01	00BC7	25300145 N		K	2,5,3,LBC+2	
3091	01	00BC8	BFF00000 A		DATA	X'BFF00000'	
3092	01	00BC9	61100000 A		DATA	X'61100000'	
3093	01	00BCA	DF000000 A		DATA	X'DFF00000'	
3094	01	00BCB	DF000000 A		DATA	X'DFF00000'	
3095	01	00BCC	00000000 A		DATA	X'00000000'	
3096	01	00BCD	00000000 A		DATA	X'0'	
3097	01	00BCE	00000000 A		DATA	X'0'	
3098	01	00BCF	00000000 A		DATA	X'0'	

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3099					PAGE		
3100	01	00BD0	FFFFFFF4 A	FDL13	DATA	-12	FDL
3101	01	00BD1	1EC003E0		FDL*12	MEMORY	
3102	01	00BD2	0530019B N		K	0,5,3,FLPFSW	
3103	01	00BD3	15300145 N		K	1,5,3,LBC+2	
3104	01	00BD4	258BE147 A		DATA	X'258BE147'	
3105	01	00BD5	AC723AD0 A		DATA	X'AC723AD0'	
3106	01	00BD6	E00369CF A		DATA	X'E00369CF'	
3107	01	00BD7	E00369CF A		DATA	X'E00369CF'	
3108	01	00BD8	56AE37BF A		DATA	X'56AE37BF'	
3109	01	00BD9	1302AF4F A		DATA	X'1802AF4F'	
3110	01	00BDA	DF1357BD A		DATA	X'DF1357BD'	
3111	01	00BDB	DF1357BD A		DATA	X'DF1357BD'	
3112	01	00BDC	FFFFFFF4 A	FDL14	DATA	-12	FDL
3113	01	00BDD	1EC003E0		FDL*12	MEMORY	
3114	01	00BDE	0530019B N		K	0,5,3,FLPFSW	
3115	01	00BDF	25300145 N		K	2,5,3,LBC+2	
3116	01	00BE0	E13579BD A		DATA	X'E13579BD'	
3117	01	00BE1	521178EE A		DATA	X'521178EE'	
3118	01	00BE2	F2468ACE A		DATA	X'F2468ACE'	
3119	01	00BE3	F2468ACE A		DATA	X'F2468ACE'	
3120	01	00BE4	8147AD03 A		DATA	X'8147AD03'	
3121	01	00BE5	BFD83D40 A		DATA	X'BFD83D40'	
3122	01	00BE6	E26AE38D A		DATA	X'E26AE38D'	
3123	01	00BE7	E26AE38D A		DATA	X'E26AE38D'	
3124	01	00BE8	FFFFFFF4 A	FDL15	DATA	-12	FDL
3125	01	00BE9	1EC003E0		FDL*12	MEMORY	
3126	01	00BEA	0530019B N		K	0,5,3,FLPFSW	
3127	01	00BEB	25300145 N		K	2,5,3,LBC+2	
3128	01	00BEC	27C16B05 A		DATA	X'27C16B05'	
3129	01	00BED	54161CD6 A		DATA	X'54161CD6'	
3130	01	00BEE	148BF37B A		DATA	X'148BF37B'	
3131	01	00BEF	148BF37B A		DATA	X'148BF37B'	
3132	01	00BF0	F37BF49E A		DATA	X'F37BF49E'	
3133	01	00BF1	30CA4568 A		DATA	X'30CA4568'	
3134	01	00BF2	E26AF49F A		DATA	X'E26AF49F'	
3135	01	00BF3	E26AF49F A		DATA	X'E26AF49F'	

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3136					PAGE					
3137	01	00BF4	FFFFFFFF4	A	FDL16	DATA	-12		FDL	
3138	01	00BF5	1EC003E0			FDL*12	MEMORY			
3139	01	00BF6	0530019B	N		K	0,5,3,FLPFSW			
3140	01	00BF7	25300145	N		K	1,5,3,LOC+2			
3141	01	00BF8	F0259E49	A		DATA	X'F0259E49'			
3142	01	00BF9	4C720151	A		DATA	X'4C720151'			
3143	01	00BFA	FBE159F0	A		DATA	X'FBE159F0'			
3144	01	00BFB	FBE159F0	A		DATA	X'FBE159F0'			
3145	01	00BFC	45AE739F	A		DATA	X'45AE739F'			
3146	01	00BFD	288790D3	A		DATA	X'288790D3'			
3147	01	00BFE	28CE5BDF	A		DATA	X'28CE5BDF'			
3148	01	00BFF	28CE5BDF	A		DATA	X'28CE5BDF'			
3149	01	00C00	FFFFFFFF4	A	FDL17	DATA	-12		FDL	
3150	01	00C01	1EC003E0			FDL*12	MEMORY			
3151	01	00C02	0530019B	N		K	0,5,3,FLPFSW			
3152	01	00C03	15300145	N		K	1,5,3,LOC+2			
3153	01	00C04	8ACE9FBD	A		DATA	X'8ACE9FBD'			
3154	01	00C05	A43588CC	A		DATA	X'A43588CC'			
3155	01	00C06	5A3E6E7F	A		DATA	X'5A3E6E7F'			
3156	01	00C07	5A3E6E7F	A		DATA	X'5A3E6E7F'			
3157	01	00C08	A13BF37D	A		DATA	X'A13BF37D'			
3158	01	00C09	0C867B1A	A		DATA	X'0C867B1A'			
3159	01	00C0A	28E45B17	A		DATA	X'28E45B17'			
3160	01	00C0B	28E45B17	A		DATA	X'28E45B17'			
3161	01	00C0C	FFFFFFFF4	A	FDL18	DATA	-12		FDL	
3162	01	00C0D	1EC003E0			FDL*12	MEMORY			
3163	01	00C0E	0530019B	N		K	0,5,3,FLPFSW			
3164	01	00C0F	25300145	N		K	1,5,3,LOC+2			
3165	01	00C10	A09CD39F	A		DATA	X'A09CD39F'			
3166	01	00C11	6ED3268E	A		DATA	X'6ED3268E'			
3167	01	00C12	CE8C26A8	A		DATA	X'CE8C26A8'			
3168	01	00C13	CE8C26A8	A		DATA	X'CE8C26A8'			
3169	01	00C14	F4A017D3	A		DATA	X'F4A017D3'			
3170	01	00C15	2506D884	A		DATA	X'2506D884'			
3171	01	00C16	F67B159D	A		DATA	X'F67B159D'			
3172	01	00C17	F67B159D	A		DATA	X'F67B159D'			

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3173					PAGE					
3174	01	00C18	FFFFFFFF4	A	FDL19	DATA	-12		FDL	
3175	01	00C19	1EC003E0			FDL*12	MEMORY			
3176	01	00C1A	0530019B	N		K	0,5,3,FLPFSW			
3177	01	00C1B	15300145	N		K	1,5,3,LOC+2			
3178	01	00C1C	E6E28A3D	A		DATA	X'E6E28A3D'			
3179	01	00C1D	AEE180BA	A		DATA	X'AEE180BA'			
3180	01	00C1E	08F74B3B	A		DATA	X'08F74B3B'			
3181	01	00C1F	08F74B3B	A		DATA	X'08F74B3B'			
3182	01	00C20	F7F93B4E	A		DATA	X'F7F93B4E'			
3183	01	00C21	DFB55D0A	A		DATA	X'DFB55D0A'			
3184	01	00C22	2C6071B5	A		DATA	X'2C6071B5'			
3185	01	00C23	2C6071B5	A		DATA	X'2C6071B5'			
3186	01	00C24	FFFFFFFF4	A	FDL20	DATA	-12		FDL	
3187	01	00C25	1EC003E0			FDL*12	MEMORY			
3188	01	00C26	0530019B	N		K	0,5,3,FLPFSW			
3189	01	00C27	15300145	N		K	1,5,3,LOC+2			
3190	01	00C28	47E95A3F	A		DATA	X'47E95A3F'			
3191	01	00C29	8FEF2201	A		DATA	X'8FEF2201'			
3192	01	00C2A	E6F22A4F	A		DATA	X'E6F22A4F'			
3193	01	00C2B	E6F22A4F	A		DATA	X'E6F22A4F'			
3194	01	00C2C	690B7C52	A		DATA	X'690B7C52'			
3195	01	00C2D	29E60A24	A		DATA	X'29E60A24'			
3196	01	00C2E	F29405E9	A		DATA	X'F29405E9'			
3197	01	00C2F	F29405E9	A		DATA	X'F29405E9'			
3198	01	00C30	FFFFFFFF4	A	FDL21	DATA	-12		FDL	
3199	01	00C31	1EC003E0			FDL*12	MEMORY			
3200	01	00C32	0530019B	N		K	0,5,3,FLPFSW			
3201	01	00C33	15300145	N		K	1,5,3,LOC+2			
3202	01	00C34	AE58B190	A		DATA	X'AE58B190'			
3203	01	00C35	9AC316E1	A		DATA	X'9AC316E1'			
3204	01	00C36	2D3297C8	A		DATA	X'2D3297C8'			
3205	01	00C37	2D3297C8	A		DATA	X'2D3297C8'			
3206	01	00C38	C237DAC1	A		DATA	X'C237DAC1'			
3207	01	00C39	33AC21AA	A		DATA	X'33AC21AA'			
3208	01	00C3A	77532167	A		DATA	X'77532167'			
3209	01	00C3B	77532167	A		DATA	X'77532167'			

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3210				PAGE		
3211	01	00C3C	FFFFFFFF4 A	DATA	-12	FDL
3212	01	00C3D	1EC003E0	FDL*12	MEMORY	
3213	01	00C3E	0530019B N	K	0,5,3,FLPFSW	
3214	01	00C3F	25300145 N	K	2,5,3,L0C+2	
3215	01	00C40	E0FC7F1C A	DATA	X'E0FC7F1C'	
3216	01	00C41	59EF798F A	DATA	X'59EF798F'	
3217	01	00C42	FAC41382 A	DATA	X'FAC41382'	
3218	01	00C43	FAC41382 A	DATA	X'FAC41382'	
3219	01	00C44	253F7EA9 A	DATA	X'253F7EA9'	
3220	01	00C45	281A009F A	DATA	X'281A009F'	
3221	01	00C46	446E28CA A	DATA	X'446E28CA'	
3222	01	00C47	446E28CA A	DATA	X'446E28CA'	
3223	01	00C48	FFFFFFFF4 A	FDL23	DATA	FDL
3224	01	00C49	1EC003E0	FDL*12	MEMORY	
3225	01	00C4A	0530019B N	K	0,5,3,FLPFSW	
3226	01	00C4B	25300145 N	K	2,5,3,L0C+2	
3227	01	00C4C	67B5C610 A	DATA	X'67B5C610'	
3228	01	00C4D	6B199F3D A	DATA	X'6B199F3D'	
3229	01	00C4E	3D7182C6 A	DATA	X'3D7182C6'	
3230	01	00C4F	3D7182C6 A	DATA	X'3D7182C6'	
3231	01	00C50	67B980C1 A	DATA	X'67B980C1'	
3232	01	00C51	EDB9AF2A A	DATA	X'EDB9AF2A'	
3233	01	00C52	135BDF7D A	DATA	X'135BDF7D'	
3234	01	00C53	135BDF7D A	DATA	X'135BDF7D'	
3235	01	00C54	FFFFFFFF4 A	FDL24	DATA	FDL
3236	01	00C55	1EC003E0	FDL*12	MEMORY	
3237	01	00C56	0530019B N	K	0,5,3,FLPFSW	
3238	01	00C57	15300145 N	K	1,5,3,L0C+2	
3239	01	00C58	9BAE1805 A	DATA	X'9BAE1805'	
3240	01	00C59	80B015BC A	DATA	X'80B015BC'	
3241	01	00C5A	26106573 A	DATA	X'26106573'	
3242	01	00C5B	26106573 A	DATA	X'26106573'	
3243	01	00C5C	F1A3C842 A	DATA	X'F1A3C842'	
3244	01	00C5D	DDE7A4DB A	DATA	X'DDE7A4DB'	
3245	01	00C5E	59D73C28 A	DATA	X'59D73C28'	
3246	01	00C5F	59D73C28 A	DATA	X'59D73C28'	

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3247				PAGE		
3248	01	00C60	FFFFFFFF4 A	FDL25	DATA	FDL
3249	01	00C61	1EC003E0	FDL*12	MEMORY	
3250	01	00C62	0530019B N	K	0,5,3,FLPFSW	
3251	01	00C63	15300145 N	K	1,5,3,L0C+2	
3252	01	00C64	42486CEA A	DATA	X'42486CEA'	
3253	01	00C65	AFA943B7 A	DATA	X'AFA943B7'	
3254	01	00C66	CD2A3C71 A	DATA	X'CD2A3C71'	
3255	01	00C67	CD2A3C71 A	DATA	X'CD2A3C71'	
3256	01	00C68	2C76B150 A	DATA	X'2C76B150'	
3257	01	00C69	1EDCF1EC A	DATA	X'1EDCF1EC'	
3258	01	00C6A	FC7CF1CC A	DATA	X'FC7CF1CC'	
3259	01	00C6B	FC7CF1CC A	DATA	X'FC7CF1CC'	
3260	01	00C6C	FFFFFFFF4 A	FDL26	DATA	FDL
3261	01	00C6D	1EC003E0	FDL*12	MEMORY	
3262	01	00C6E	0530019B N	K	0,5,3,FLPFSW	
3263	01	00C6F	15300145 N	K	1,5,3,L0C+2	
3264	01	00C70	475E3AF9 A	DATA	X'475E3AF9'	
3265	01	00C71	A587C421 A	DATA	X'A587C421'	
3266	01	00C72	D1F375DB A	DATA	X'D1F375DB'	
3267	01	00C73	D1F375DB A	DATA	X'D1F375DB'	
3268	01	00C74	FEDCBA98 A	DATA	X'FEDCBA98'	
3269	01	00C75	F09C1D54 A	DATA	X'F09C1D54'	
3270	01	00C76	ECA86424 A	DATA	X'ECA86424'	
3271	01	00C77	ECA86424 A	DATA	X'ECA86424'	
3272	01	00C78	FFFFFFFF4 A	FDL27	DATA	FDL
3273	01	00C79	1EC003E0	FDL*12	MEMORY	
3274	01	00C7A	0530019B N	K	0,5,3,FLPFSW	
3275	01	00C7B	25300145 N	K	2,5,3,L0C+2	
3276	01	00C7C	741E8852 A	DATA	X'741E8852'	
3277	01	00C7D	5943D862 A	DATA	X'5943D862'	
3278	01	00C7E	5B73EA65 A	DATA	X'5B73EA65'	
3279	01	00C7F	5B73EA65 A	DATA	X'5B73EA65'	
3280	01	00C80	D37531FD A	DATA	X'D37531FD'	
3281	01	00C81	0A1757C5 A	DATA	X'0A1757C5'	
3282	01	00C82	FC9630DA A	DATA	X'FC9630DA'	
3283	01	00C83	FC9630DA A	DATA	X'FC9630DA'	

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3358				PAGE		
3359	01	00CCC	FFFFFFFF4 A	DATA	-12	FDL
3360	01	00CCD	1EC003E0	FDL*12	MEMORY	
3361	01	00CCE	0530019B N	K	0,5,3,FLPFSW	
3362	01	00CCF	15300145 N	K	1,5,3,L0C+2	
3363	01	00CD0	9E50492F A	DATA	X'9E50492F'	
3364	01	00CD1	831EBC8D A	DATA	X'831EBC8D'	
3365	01	00CD2	25C7B096 A	DATA	X'25C7B096'	
3366	01	00CD3	25C7B096 A	DATA	X'25C7B096'	
3367	01	00CD4	8C7923D2 A	DATA	X'8C7923D2'	
3368	01	00CD5	6E577A38 A	DATA	X'6E577A38'	
3369	01	00CD6	091B85EA A	DATA	X'091B85EA'	
3370	01	00CD7	091B85EA A	DATA	X'091B85EA'	
3371	01	00CD8	FFFFFFFF4 A	FDL35	DATA	FDL
3372	01	00CD9	1EC003E0	FDL*12	MEMORY	
3373	01	00CDA	0530019B N	K	0,5,3,FLPFSW	
3374	01	00CDB	25300145 N	K	2,5,3,L0C+2	
3375	01	00CDC	43123577 A	DATA	X'43123577'	
3376	01	00CDD	671AE000 A	DATA	X'671AE000'	
3377	01	00CDE	1CAD732C A	DATA	X'1CAD732C'	
3378	01	00CDF	1CAD732C A	DATA	X'1CAD732C'	
3379	01	00CE0	C1F7CF0E A	DATA	X'C1F7CF0E'	
3380	01	00CE1	B8CF5F8F A	DATA	X'B8CF5F8F'	
3381	01	00CE2	28314CAF A	DATA	X'28314CAF'	
3382	01	00CE3	28314CAF A	DATA	X'28314CAF'	
3383	01	00CE4	FFFFFFFF4 A	FDL36	DATA	FDL
3384	01	00CE5	1EC003E0	FDL*12	MEMORY	
3385	01	00CE6	0530019B N	K	0,5,3,FLPFSW	
3386	01	00CE7	25300145 N	K	2,5,3,L0C+2	
3387	01	00CE8	ACB2E644 A	DATA	X'ACB2E644'	
3388	01	00CE9	6F53A84 A	DATA	X'6F53A84'	
3389	01	00CEA	DAE7F352 A	DATA	X'DAE7F352'	
3390	01	00CEB	DAE7F352 A	DATA	X'DAE7F352'	
3391	01	00CEC	6C2817D3 A	DATA	X'6C2817D3'	
3392	01	00CED	67B7912D A	DATA	X'67B7912D'	
3393	01	00CEE	016CB576 A	DATA	X'016CB576'	
3394	01	00CEF	016CB576 A	DATA	X'016CB576'	

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3395				PAGE		
3396	01	00CF0	FFFFFFFF4 A	FDL37	DATA	FDL
3397	01	00CF1	1EC003E0	FDL*12	MEMORY	
3398	01	00CF2	0530019B N	K	0,5,3,FLPFSW	
3399	01	00CF3	15300145 N	K	1,5,3,L0C+2	
3400	01	00CF4	D7FDB531 A	DATA	X'D7FDB531'	
3401	01	00CF5	B3BBD2FF A	DATA	X'B3BBD2FF'	
3402	01	00CF6	1C089B76 A	DATA	X'1C089B76'	
3403	01	00CF7	1C089B76 A	DATA	X'1C089B76'	
3404	01	00CF8	37560162 A	DATA	X'37560162'	
3405	01	00CF9	22F5CAF0 A	DATA	X'22F5CAF0'	
3406	01	00CFA	50B1EAB9 A	DATA	X'50B1EAB9'	
3407	01	00CFB	50B1EAB9 A	DATA	X'50B1EAB9'	
3408	01	00CFC	FFFFFFFF4 A	FDL38	DATA	FDL
3409	01	00CFD	1EC003E0	FDL*12	MEMORY	
3410	01	00CFE	0530019B N	K	0,5,3,FLPFSW	
3411	01	00CFF	15300145 N	K	1,5,3,L0C+2	
3412	01	00D00	B2C379D5 A	DATA	X'B2C379D5'	
3413	01	00D01	969181AF A	DATA	X'969181AF'	
3414	01	00D02	248C3A1F A	DATA	X'248C3A1F'	
3415	01	00D03	248C3A1F A	DATA	X'248C3A1F'	
3416	01	00D04	AEC68424 A	DATA	X'AEC68424'	
3417	01	00D05	0820E9D3 A	DATA	X'0820E9D3'	
3418	01	00D06	173CA2DC A	DATA	X'173CA2DC'	
3419	01	00D07	173CA2DC A	DATA	X'173CA2DC'	
3420	01	00D08	FFFFFFFF4 A	FDL39	DATA	FDL
3421	01	00D09	1EC003E0	FDL*12	MEMORY	
3422	01	00D0A	0530019B N	K	0,5,3,FLPFSW	
3423	01	00D0B	15300145 N	K	1,5,3,L0C+2	
3424	01	00D0C	9FA3E574 A	DATA	X'9FA3E574'	
3425	01	00D0D	B9CA3A2D A	DATA	X'B9CA3A2D'	
3426	01	00D0E	5B1B67C2 A	DATA	X'5B1B67C2'	
3427	01	00D0F	5B1B67C2 A	DATA	X'5B1B67C2'	
3428	01	00D10	239CD278 A	DATA	X'239CD278'	
3429	01	00D11	1A33BA89 A	DATA	X'1A33BA89'	
3430	01	00D12	BD573F1D A	DATA	X'BD573F1D'	
3431	01	00D13	BD573F1D A	DATA	X'BD573F1D'	

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3482				PAGE		
3483	01	00D44	FFFFFFFF4 A	FDS04	DATA	-12
3484	01	00D45	3EC003E0		FDS/12	MEMORY
3485	01	00D46	05300198 N		K	0,5,3,FLPFSW
3486	01	00D47	25300145 N		K	2,5,3,LBC+2
3487	01	00D48	F1324034 A		DATA	X'F1324034'
3488	01	00D49	341CD84F A		DATA	X'341CD84F'
3489	01	00D4A	E48DDFB2 A		DATA	X'E48DDFB2'
3490	01	00D43	E48DDFB2 A		DATA	X'E48DDFB2'
3491	01	00D4C	00000000 A		DATA	X'0'
3492	01	00D4D	00000000 A		DATA	X'0'
3493	01	00D4E	00000000 A		DATA	X'0'
3494	01	00D4F	00000000 A		DATA	X'0'
3495	01	00D50	FFFFFFFF4 A	FDS05	DATA	-12
3496	01	00D51	3EC003E0		FDS/12	MEMORY
3497	01	00D52	05300198 N		K	0,5,3,FLPFSW
3498	01	00D53	15300145 N		K	1,5,3,LBC+2
3499	01	00D54	136AF5B2 A		DATA	X'136AF5B2'
3500	01	00D55	B891CFBF A		DATA	X'B891CFBF'
3501	01	00D56	F3078058 A		DATA	X'F3078058'
3502	01	00D57	F3078058 A		DATA	X'F3078058'
3503	01	00D58	00000000 A		DATA	X'0'
3504	01	00D59	00000000 A		DATA	X'0'
3505	01	00D5A	00000000 A		DATA	X'0'
3506	01	00D5B	00000000 A		DATA	X'0'
3507	01	00D5C	FFFFFFFF4 A	FDS06	DATA	-12
3508	01	00D5D	3EC003E0		FDS/12	MEMORY
3509	01	00D5E	05300198 N		K	0,5,3,FLPFSW
3510	01	00D5F	25300145 N		K	2,5,3,LBC+2
3511	01	00D60	158897C4 A		DATA	X'158897C4'
3512	01	00D61	5211A4A6 A		DATA	X'5211A4A6'
3513	01	00D62	04A766B3 A		DATA	X'04A766B3'
3514	01	00D63	04A766B3 A		DATA	X'04A766B3'
3515	01	00D64	00000000 A		DATA	X'0'
3516	01	00D65	00000000 A		DATA	X'0'
3517	01	00D66	00000000 A		DATA	X'0'
3518	01	00D67	00000000 A		DATA	X'0'

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3519				PAGE		
3520	01	00D68	FFFFFFFF4 A	FDS07	DATA	-12
3521	01	00D69	3EC003E0		FDS/12	MEMORY
3522	01	00D6A	05300198 N		K	0,5,3,FLPFSW
3523	01	00D6B	25300145 N		K	2,5,3,LBC+2
3524	01	00D6C	37DA99E6 A		DATA	X'37DA99E6'
3525	01	00D6D	1EFDEEB0 A		DATA	X'1EFDEEB0'
3526	01	00D6E	5A0DC619 A		DATA	X'5A0DC619'
3527	01	00D6F	5A0DC619 A		DATA	X'5A0DC619'
3528	01	00D70	00000000 A		DATA	X'0'
3529	01	00D71	00000000 A		DATA	X'0'
3530	01	00D72	00000000 A		DATA	X'0'
3531	01	00D73	00000000 A		DATA	X'0'
3532	01	00D74	FFFFFFFF4 A	FDS08	DATA	-12
3533	01	00D75	3EC003E0		FDS/12	MEMORY
3534	01	00D76	05300198 N		K	0,5,3,FLPFSW
3535	01	00D77	25300145 N		K	2,5,3,LBC+2
3536	01	00D78	28FDD84E A		DATA	X'28FDD84E'
3537	01	00D79	4F7F4226 A		DATA	X'4F7F4226'
3538	01	00D7A	1A1FEA60 A		DATA	X'1A1FEA60'
3539	01	00D73	1A1FEA60 A		DATA	X'1A1FEA60'
3540	01	00D7C	00000000 A		DATA	X'0'
3541	01	00D7D	00000000 A		DATA	X'0'
3542	01	00D7E	00000000 A		DATA	X'0'
3543	01	00D7F	00000000 A		DATA	X'0'
3544	01	00D80	FFFFFFFF4 A	FDS09	DATA	-12
3545	01	00D81	3EC003E0		FDS/12	MEMORY
3546	01	00D82	05300198 N		K	0,5,3,FLPFSW
3547	01	00D83	15300145 N		K	1,5,3,LBC+2
3548	01	00D84	8508753F A		DATA	X'8508753F'
3549	01	00D85	86E514A4 A		DATA	X'86E514A4'
3550	01	00D86	43093218 A		DATA	X'43093218'
3551	01	00D87	43093218 A		DATA	X'43093218'
3552	01	00D88	00000000 A		DATA	X'0'
3553	01	00D89	00000000 A		DATA	X'0'
3554	01	00D8A	00000000 A		DATA	X'0'
3555	01	00D83	00000000 A		DATA	X'0'

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3556				PAGE		
3557	01	00D8C	FFFFFFFF4 A	FDS10	DATA	-12
3558	01	00D8D	3E0003E0		FDS#12	MEMORY
3559	01	00D8E	0530019B N		K	0,5,3,FLPFSW
3560	01	00D8F	25300145 N		K	2,5,3,LBC+2
3561	01	00D90	585FB073 A		DATA	X'585FB073'
3562	01	00D91	6525F675 A		DATA	X'6525F675'
3563	01	00D92	34284031 A		DATA	X'34284031'
3564	01	00D93	34284031 A		DATA	X'34284031'
3565	01	00D94	00000000 A		DATA	X'0'
3566	01	00D95	00000000 A		DATA	X'0'
3567	01	00D96	00000000 A		DATA	X'0'
3568	01	00D97	00000000 A		DATA	X'0'
3569	01	00D98	FFFFFFFF4 A	FDS11	DATA	-12
3570	01	00D99	3E0003E1		FDS#13	MEMORY+1
3571	01	00D9A	0530019B N		K	0,5,3,FLPFSW
3572	01	00D9B	15300145 N		K	1,5,3,LBC+2
3573	01	00D9C	00000000 A		DATA	X'0'
3574	01	00D9D	00000000 A		DATA	X'0'
3575	01	00D9E	00000000 A		DATA	X'0'
3576	01	00D9F	00000000 A		DATA	X'0'
3577	01	00DA0	4906BCAB A		DATA	X'4906BCAB'
3578	01	00DA1	C470B88B A		DATA	X'C470B88B'
3579	01	00DA2	B1F3F65A A		DATA	X'B1F3F65A'
3580	01	00DA3	B1F3F65A A		DATA	X'B1F3F65A'
3581	01	00DA4	FFFFFFFF4 A	FDS12	DATA	-12
3582	01	00DA5	3E0003E1		FDS#13	MEMORY+1
3583	01	00DA6	0530019B N		K	0,5,3,FLPFSW
3584	01	00DA7	15300145 N		K	1,5,3,LBC+2
3585	01	00DA8	00000000 A		DATA	X'0'
3586	01	00DA9	00000000 A		DATA	X'0'
3587	01	00DAA	00000000 A		DATA	X'0'
3588	01	00DAB	00000000 A		DATA	X'0'
3589	01	00DAC	9CFFF53F A		DATA	X'9CFFF53F'
3590	01	00DAD	A50575DB A		DATA	X'A50575DB'
3591	01	00DAE	49000AFD A		DATA	X'49000AFD'
3592	01	00DAF	49000AFD A		DATA	X'49000AFD'

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3593				PAGE		
3594	01	00DB0	FFFFFFFF4 A	FDS13	DATA	-12
3595	01	00DB1	3E0003E1		FDS#13	MEMORY+1
3596	01	00DB2	0530019B N		K	0,5,3,FLPFSW
3597	01	00DB3	25300145 N		K	2,5,3,LBC+2
3598	01	00DB4	00000000 A		DATA	X'0'
3599	01	00DB5	00000000 A		DATA	X'0'
3600	01	00DB6	00000000 A		DATA	X'0'
3601	01	00DB7	00000000 A		DATA	X'0'
3602	01	00DB8	80FFFFFF5 A		DATA	X'80FFFFFF5'
3603	01	00DB9	54160000 A		DATA	X'54160000'
3604	01	00DBA	93FFFFFF8 A		DATA	X'93FFFFFF8'
3605	01	00DBB	93FFFFFF8 A		DATA	X'93FFFFFF8'
3606	01	00DBC	FFFFFFFF4 A	FDS14	DATA	-12
3607	01	00DBD	3E0003E1		FDS#13	MEMORY+1
3608	01	00DBE	0530019B N		K	0,5,3,FLPFSW
3609	01	00DBF	15300145 N		K	1,5,3,LBC+2
3610	01	00DC0	00000000 A		DATA	X'0'
3611	01	00DC1	00000000 A		DATA	X'0'
3612	01	00DC2	00000000 A		DATA	X'0'
3613	01	00DC3	00000000 A		DATA	X'0'
3614	01	00DC4	AC67F6AB A		DATA	X'AC67F6AB'
3615	01	00DC5	83DCFE0F A		DATA	X'83DCFE0F'
3616	01	00DC6	18457CC1 A		DATA	X'18457CC1'
3617	01	00DC7	18457CC1 A		DATA	X'18457CC1'
3618	01	00DC8	FFFFFFFF4 A	FDS15	DATA	-12
3619	01	00DC9	3E0003E1		FDS#13	MEMORY+1
3620	01	00DCA	0530019B N		K	0,5,3,FLPFSW
3621	01	00DCB	25300145 N		K	2,5,3,LBC+2
3622	01	00DCC	00000000 A		DATA	X'0'
3623	01	00DCD	00000000 A		DATA	X'0'
3624	01	00DCE	00000000 A		DATA	X'0'
3625	01	00DCF	00000000 A		DATA	X'0'
3626	01	00DD0	72963D9E A		DATA	X'72963D9E'
3627	01	00DD1	522C3ED1 A		DATA	X'522C3ED1'
3628	01	00DD2	6136547A A		DATA	X'6136547A'
3629	01	00DD3	6136547A A		DATA	X'6136547A'

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Address	Op	OpCode	Operand	Label	Page	Comment
3630					PAGE	
3631	01	00DD4	FFFFFFFF4 A	FDS16	DATA	-12 FDS
3632	01	00DD5	3ED003E1		FDS,13	MEMORY+1
3633	01	00DD6	0530019B N		K	0,5,3,FLPFSW
3634	01	00DD7	25300145 N		K	2,5,3,L0C+2
3635	01	00DD8	00000000 A		DATA	x'0'
3636	01	00DD9	00000000 A		DATA	x'0'
3637	01	00DDA	00000000 A		DATA	x'0'
3638	01	00DDB	00000000 A		DATA	x'0'
3639	01	00DDC	8DBE2FD4 A		DATA	x'8DBE2FD4'
3640	01	00DDD	63130515 A		DATA	x'63130515'
3641	01	00DDE	AFA041E6 A		DATA	x'AFA041E6'
3642	01	00DDF	AFA041E6 A		DATA	x'AFA041E6'
3643	01	00DE0	FFFFFFFF4 A	FDS17	DATA	-12 FDS
3644	01	00DE1	3ED003E1		FDS,13	MEMORY+1
3645	01	00DE2	0530019B N		K	0,5,3,FLPFSW
3646	01	00DE3	25300145 N		K	2,5,3,L0C+2
3647	01	00DE4	00000000 A		DATA	x'0'
3648	01	00DE5	00000000 A		DATA	x'0'
3649	01	00DE6	00000000 A		DATA	x'0'
3650	01	00DE7	00000000 A		DATA	x'0'
3651	01	00DE8	67284031 A		DATA	x'67284031'
3652	01	00DE9	4F29F8D2 A		DATA	x'4F29F8D2'
3653	01	00DEA	58F58073 A		DATA	x'58F58073'
3654	01	00DEB	58F58073 A		DATA	x'58F58073'
3655	01	00DEC	FFFFFFFF4 A	FDS18	DATA	-12 FDS
3656	01	00DED	3ED003E1		FDS,13	MEMORY+1
3657	01	00DEE	0530019B N		K	0,5,3,FLPFSW
3658	01	00DEF	25300145 N		K	2,5,3,L0C+2
3659	01	00DF0	00000000 A		DATA	x'0'
3660	01	00DF1	00000000 A		DATA	x'0'
3661	01	00DF2	00000000 A		DATA	x'0'
3662	01	00DF3	00000000 A		DATA	x'0'
3663	01	00DF4	8132F65A A		DATA	x'8132F65A'
3664	01	00DF5	6215442B A		DATA	x'6215442B'
3665	01	00DF6	D265BCA9 A		DATA	x'D265BCA9'
3666	01	00DF7	D265BCA9 A		DATA	x'D265BCA9'

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Address	Op	OpCode	Operand	Label	Page	Comment
3667					PAGE	
3668	01	00DF8	FFFFFFFF4 A	FDS19	DATA	-12 FDS
3669	01	00DF9	3ED003E1		FDS,13	MEMORY+1
3670	01	00DFA	0530019B N		K	0,5,3,FLPFSW
3671	01	00DFB	15300145 N		K	1,5,3,L0C+2
3672	01	00DFC	00000000 A		DATA	x'0'
3673	01	00DFD	00000000 A		DATA	x'0'
3674	01	00DFE	00000000 A		DATA	x'0'
3675	01	00DFE	00000000 A		DATA	x'0'
3676	01	00E00	49A80AFD A		DATA	x'49A80AFD'
3677	01	00E01	A5C8949E A		DATA	x'A5C8949E'
3678	01	00E02	CFCF7C1C A		DATA	x'CFCF7C1C'
3679	01	00E03	CFCF7C1C A		DATA	x'CFCF7C1C'
3680	01	00E04	FFFFFFFF4 A	FDS20	DATA	-12 FDS
3681	01	00E05	3ED003E1		FDS,13	MEMORY+1
3682	01	00E06	0530019B N		K	0,5,3,FLPFSW
3683	01	00E07	15300145 N		K	1,5,3,L0C+2
3684	01	00E08	00000000 A		DATA	x'0'
3685	01	00E09	00000000 A		DATA	x'0'
3686	01	00E0A	00000000 A		DATA	x'0'
3687	01	00E0B	00000000 A		DATA	x'0'
3688	01	00E0C	81659CC1 A		DATA	x'81659CC1'
3689	01	00E0D	8BE83D24 A		DATA	x'8BE83D24'
3690	01	00E0E	4367F5A8 A		DATA	x'4367F5A8'
3691	01	00E0F	4367F5A8 A		DATA	x'4367F5A8'
3692	01	00E10	00000000 A		DATA	x'0'
3693		01 00270			END	SETRPLY

SDS 900898

APPENDIX A

This appendix contains a detailed flow chart and listing of the dual-purpose loader.

SIGMA 5/7 CPU DIAGNOSTIC LOADER
PAGE
SYSTEM SIG7P

1

1
2
3
4
5
6
7
8
9
10

- * THIS FOUR CARD LOADER HAS A DUAL PURPOSE.
- * NORMALLY IT WILL LOAD A PROGRAM BY USING DATA CHAINING TO POSITION
- * THE DATA ON EACH CARD INTO THE PROPER MEMORY LOCATIONS. CARDS 2,3 AND
- * 4 OF THE LOADER ARE IGNORED.
- * IF THE FIRST CARD IS BYPASSED, THE FOLLOWING THREE LOADER CARDS WILL
- * READ EACH DATA CARD INTO A COMMON AREA, PERFORM A CHECKSUM AND THEN
- * RELOCATE THE DATA TO THE SPECIFIED MEMORY LOCATIONS

SIGMA 5/7 CPU DIAGNOSTIC LOADER
PAGE

2

11
12
13
14
15
16
17
18
19

- * THE FOLLOWING DETAILS OPERATOR ACTION AND PROGRAM FLOW FOR EACH MODE.
- *
* NORMAL LOAD:
 1. CPU RESET
 2. SET THE UNIT ADDRESS SWITCHES TO SELECT THE INPUT
 - DEVICE ADDRESS.
 3. DEPRESS LOAD.
 4. PLACE THE COMPUTE SWITCH TO RUN.

SIGMA 5/7 CPU DIAGNOSTIC LOADER
PAGE

3

```

20 *
21 *
22 *
23 *
24 *
25 *
26 *
27 *
28 *
29 *
30 *
31 *
32 *
33 *
34 *
35 *
36 *
37 *
38 *
39 *
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41 *
42 *
43 *
44 *
45 *
46 *
47 *
48 *
49 *
50 *
51 *
52 *

```

```

I
V
I-----I
I THE FIRST CARD READS INTO LBCS I
I 2A THRU 3F I
I-----I
I
I<<-----I
V
I-----I
I LOAD RO WITH THE CDA FOR DBLWR1 I
I BRANCH TO THE SIB IN L9C 27 I
I-----I
I CDA= COMMAND DOUBLEWORD ADDRESS I
I DBLWD1= DOUBLEWORD 1 I
I
V
I-----I
I READ THE FIRST THREE BYTES FROM I
I THE NEXT CARD INTO THE BYTE ADDR I
I POSITION OF DBLWD3 I
I-----I
I
I
V
I-----I
I DATA CHAIN TO READ THE NEXT I
I BYTE INTO THE BYTE COUNT AREA I
I OF DBLWD3 I
I-----I
I

```

SIGMA 5/7 CPU DIAGNOSTIC LOADER
PAGE

4

```

53 *
54 *
55 *
56 *
57 *
58 *
59 *
60 *
61 *
62 *
63 *
64 *
65 *
66 *
67 *
68 *
69 *
70 *
71 *
72 *
73 *
74 *
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76 *
77 *
78 *
79 *
80 *
81 *
82 *
83 *
84 *
85 *
86 *
87 *

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```

I
V
I-----I
I DATA CHAIN TO DBLWD3 WHICH WILL I
I READ ALL BUT 'C' BYTES I
I-----I
I
I
V
I-----I
I DATA CHAIN TO DBLWD4 WHICH WILL I
I IGNORE THE REMAINING 'C' BYTES I
I BY LOADING THEM INTO L9CS 0-2. I
I (THIS ACTION IS NECESSARY FOR I
I PROPER POSITIONING OF PAPER TAPE I
I LOADING) I
I-----I
I
I
V
AAAAAAAAAAAAAAAA
A DID THE CARD A (N9)
A MODIFY L9C 2A A-----I
A
AAAAAAAAAAAAAAAA
I
I (YES)
I
V
I-----I
I THE BRANCH INSTRUCTION LOADED I
I INTO 2A TRANSFERS CONTROL TO I
I THE DIAGNOSTIC PROGRAM I
I-----I

```

SIGMA 5/7 CPU DIAGNOSTIC LOADER

5

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88
89
90
91
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97
98
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100
101
102
103
104
105
106
107

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PAGE

* CHECKSUM LOAD:

1. CPU RESET
2. SET UNIT ADDRESS SWITCHES
3. DEPRESS LOAD
4. SINGLE STEP THREE TIMES CAUSING THE FIRST CARD TO BE READ.
5. CPU RESET
6. COMPUTE SWITCH TO RUN.

V

```

-----I
I THE SECOND LOADER CARD WAS READ I
I INTO LACS 2A-3F. IT IN TURN I
I LOADS THE THIRD AND FOURTH CARDS I
I INTO THE LAST PART OF THE FIRST I
I 8K OF MEMORY. I
I USE THE COMMENTS ON THE LISTING I
I FOR CARDS 3 AND 4 TO DETERMINE I
I THE FLOW OF OPERATION I
-----I

```

SIGMA 5/7 CPU DIAGNOSTIC LOADER

6

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108
109
110
111
112
113
114
115
116
117
118
119
120
121
122

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PAGE

*** CARD 1 ***

110	01	0002A		999	X'2A'	
	01	0002A				
111	01	0002A	3F00020C	BEGIN	LW0	ADDR
112	01	0002B	6800027		B	X'27'
113	01	0002C	0000017	N	ADDR	GEN#32 DA(DBLD1)
114	01	0002D	0000000	A		DATA 0
115	01	0002E	0000000	N	DBLWD1	GEN#8,24 X'02',BA(DBLWD3)+1 COMMAND DBJ3_EW9RD
116	01	0002F	8000003	A		DATA X'8000003'
117	01	00030	020000CF	N	DBLWD2	GEN#8,24 X'02',BA(DBLWD3)+7 COMMAND DBJ3_EW9RD
118	01	00031	8000001	A		DATA X'8000001'
119	01	00032	0000000	A	DBLWD3	DATA X'02000000'
120	01	00033	8000000	A		DATA X'80000000'
121	01	00034	0000000	A	DBLWD4	DATA X'02000000'
122	01	00035	0000000	A		DATA X'0A000000'

SIGMA 5/7 CPU DIAGNOSTIC LOADER					7
			PAGE		
123					
124	01 0002A		ORG	X'2A'	CARD 2 *****
125	01 0002A	20010068 A		A1,0 X'10068'	DUMMY INSTRUCTION ALLBWS THIS CARD TO START LOADING INTO LOC 40 WHEN USING NORMAL LOAD.
126					
127					
128	01 0002B	2200001A A		LI,0 X'1A'	
129	01 0002C	CC000025 A		SI,0 **X'25'	READ CARD 3
130	01 0002D	CC000025 A		TI,0 **X'25'	
131	01 0002E	69C0002D		BCS,12 \$=1	
132	01 0002F	2200001B A		LI,0 X'1B'	
133	01 00030	CC000025 A		SI,0 **X'25'	READ CARD 4
134	01 00031	CC000025 A		TI,0 **X'25'	
135	01 00032	69C00031		BCS,12 \$=1	
136	01 00033	69C01FC5 A		B X'1FC5'	BRANCH TO CARD 3
137	01 00034	02007F10 A		DATA X'02007F10'	CDW FOR CARD 3
138	01 00035	0C0C0078 A		DATA X'0C0C0078'	
139	01 00036	02007F88 A		DATA X'02007F88'	CDW FOR CARD 4
140	01 00037	0C0C0078 A		DATA X'0C0C0078'	

SIGMA 5/7 CPU DIAGNOSTIC LOADER					8
			PAGE		
141					
142	01 01FC4		ORG	X'1FC4'	CARD 3 *****
143	01 01FC4	8701006F A		DATA X'8701006F'	ALLBWS NORMAL LOADER TO BYPASS THIS CARD.
144					
145	01 01FC5	2F000000 A		LI,0 0	
146	01 01FC6	3F001FFA		STW,0 TBTALSJM	INITIALIZE DECK CHECK SUM
147	01 01FC7	3F000025 A		LW,0 X'25'	
148	01 01FC8	3F000011 A		STW,0 X'11'	MOVE DEVICE ADDR OUT OF BUFFER AREA
149	01 01FC9	2F000FFF A	READ	LI,0 0A(READBRD)	
150	01 01FCA	CC000011 A		SI,0 **X'11'	READ INTO X'22' THRU X'3F'
151	01 01FCB	CC000011 A		TI,0 **X'11'	
152	01 01FCC	69C01FC9		BCS,12 \$=1	
153	01 01FCD	3F100022 A		LW,1 X'22'	
154	01 01FCE	4F101FFB		AND,1 000103	
155	01 01FCF	31101FFC		CM,1 C9DE1	LOOK AT CODE IN 1ST HEX CHAR OF CARD NOT CODE FOR DATA CARD
156	01 01FD0	69C01FEC		BNE ENDFEST	
157	01 01FD1	221FFFE3 A		LI,1 =29	
158	01 01FD2	222FFFE3 A		LI,2 -1	
159	01 01FD3	3120003F A		CM,2 X'3F'	
160	01 01FD4	69C01FDD		BE %BVEFEST	IGNORE CHECKSUM IF ALL ONES ON CARD
161	01 01FD5	22200000 A		LI,2 0	
162	01 01FD6	30E2003F A		AND,0 X'3F',1	COMPUTE CHECKSUM
163	01 01FD7	69C01FDE		BIR,1 \$=1	
164	01 01FD8	31F0003F A		CM,2 X'3F'	COMPARE WITH CHECKSUM ON CARD
165	01 01FD9	69C01FDF		BNE \$	HANG UP IF CHECKSUM ERROR
166	01 01FDA	3F001FFA		LW,3 TBTALSJM	
167	01 01FDB	3F000022 A		AND,3 2	ADD TO CHECKSUM FOR WHOLE DECK
168	01 01FDC	3F001FFA		STW,3 TBTALSJM	
169	01 01FDD	3210013E A	%BVEFEST	LW,1 X'3E'	PICK UP LOAD ADDRESS
170	01 01FDE	3A20003D A		LCW,2 X'3D'	PICK UP WORD COUNT
171	01 01FDF	21100040 A		CI,1 X'40'	
172	01 01FDE	69C01FEE		B \$	HANG UP IF LOADING OVER BUFFER AREA
173	01 01FE1	69C01FEB		B CARD3	

SIGMA 5/7 CPU DIAGNOSTIC LOADER
PAGE

9

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174
175
176
177 C1 01FE2 80010068 A * DATA X'80010068'
178 *
179 01 01FE3 3010003D A * CARDS A#1 X'3D'
180 01 01FE4 21101FC5 A CI#1 X'1FC5'
181 01 01FE5 691C1FE5 A BGE $
182 01 01FE6 22300023 A LI#3 X'23'
183 01 01FE7 3030C03D A A#3 X'3D'
184 01 01FE8 82440003 A LI#4 *3#2
185 C1 01FE9 85440001 A STW#4 *1#2
186 01 01FEA 452C1FE8 A BIR#2 $=2
187 01 01FE3 680C1FC9 B READ
188 01 01FEC 31101FFD ENDTEST C#1 CBDE2
189 01 01FED 69301FE0 BNE $
190 01 01FEE 32100022 A LI#1 X'22'
191 01 01FEF 30100023 A A#1 X'23'
192 01 01FF0 301C1FFA A A#1 TBOTALSUM
193 C1 01FF1 3110003F A C#1 X'3F'
194 01 01FF2 69301FF2 BNE $
195 01 01FF3 68000022 A B X'23'
196 01 01FF4 00000000 A DATA 0,0,0,0,0,0
    01 01FF5 00000000 A
    01 01FF6 00000000 A
    01 01FF7 00000000 A
    01 01FF8 00000000 A
    01 01FF9 00000000 A
197 01 01FFA 00000000 A TBOTALSUM PZE
198 C1 01FFB F0000000 A J00T03 DATA X'F0000000'
199 01 01FFC 00000000 A CBDE1 DATA X'00000000'
200 01 01FFD 40000000 A CBDE2 DATA X'40000000'
201 01 01FFE 02000088 A READGRD DATA X'02000088'
202 C1 01FFF 00000078 A DATA X'00000078'
203

```

CARD 4 *****
 ALLOWS NORMAL LOADER TO BYPASS THIS CARD
 HANG UP IF LOADING OVER LOADER
 RELSCATE DATA
 TEST FOR END CARD CODE
 HANG UP IF INVALID CODE
 VERIFY CHECKSUM FOR ENTIRE DECK
 HANG UP IF CHECKSUM ERROR
 ENTER PROGRAM

APPENDIX B

This appendix contains the T-charts for the Sigma 5 floating-point multiply and divide instructions. T-charts, essentially, are snapshots of various registers at specific phase and clock times.

TEST FML	NB	FC	R	EW	RU1	EWU1								
	43	0	40100000	41100000	00000003	00000000								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	00100000	40000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	40100000	6		
PH 02	00100000	41000000	00100000	40000000	00000008	00000000	00000000	00000000	00	05	41100000	0		
PH 03	00200001	01000000	00100000	C0000000	00000008	00000000	00100000	41000000	00	05	00000003	0		
PH 04	00200001	00000000	00100000	00000003	00000000	00000008	00100000	41000000	01	0D	00000000	0		
PH 07	00000000	00000000	00100000	00000003	00C00000	00000008	00100000	00000000	01	0D	00000000	0		
CLK 02	FFF00000	00000000	00000000	00000000	00000000	00000020	00100000	00000000	01	0D	00000000	5		
CLK 03	000C0000	00000000	FFF00000	00000000	00000000	00000080	00100000	00000000	01	0C	00000000	0		
CLK 04	00030000	00000000	00030000	00000000	00000000	00000200	00200000	00000000	01	0C	00000000	6		
CLK 05	0000C000	00000000	0000C000	00000000	00000000	00000500	00200000	00000000	01	0B	00000000	2		
CLK 06	00003000	00000000	00003000	00000000	00000000	00002000	00200000	00000000	01	0B	00000000	6		
CLK 07	00000C00	00000000	00000C00	00000000	00000000	00008000	00200000	00000000	01	0A	00000000	2		
CLK 08	00000300	00000000	00000300	00000000	00000000	00020000	00200000	00000000	01	0A	00000000	6		
CLK 09	000000C0	00000000	000000C0	00000000	00000000	00080000	00200000	00000000	01	09	00000000	2		
CLK 10	00000030	00000000	00000030	00000000	00000000	00020000	00200000	00000000	01	09	00000000	6		
CLK 11	0000000C	00000000	0000000C	00000000	00000000	00800000	00200000	00000000	01	08	00000000	2		
CLK 12	00000003	00000000	00000003	00000000	00000000	02000000	00200000	00000000	01	08	00000000	6		
CLK 13	00000000	C0000000	00000000	C0000000	00000000	08000000	00200000	00000000	01	07	00000000	2		
CLK 14	00000000	30000000	00000000	30000000	00000000	20000000	00200000	00000000	01	07	00000000	6		
CLK 15	00000000	0C000000	00000000	0C000000	00000000	80000000	00200000	00000000	01	06	00000000	2		
CLK 16	00000000	03000000	00000000	03000000	00000002	00000000	00200000	00000000	01	06	00000000	6		
CLK 17	00000000	00C00000	00000000	00C00000	00000008	00000000	00200000	00000000	01	05	00000000	2		
CLK 18	00000000	00300000	00000000	00300000	00000020	00000000	00200000	00000000	01	05	00000000	6		
CLK 19	00000000	000C0000	00000000	000C0000	00000080	00000000	00200000	00000000	01	04	00000000	2		
CLK 20	00000000	00030000	00000000	00030000	00000200	00000000	00200000	00000000	01	04	00000000	6		
CLK 21	00000000	0000C000	00000000	0000C000	00000800	00000000	00200000	00000000	01	03	00000000	2		
CLK 22	00000000	00003000	00000000	00003000	00002000	00000000	00200000	00000000	01	03	00000000	6		
CLK 23	00000000	00000C00	00000000	00000C00	00008000	00000000	00200000	00000000	01	02	00000000	2		
CLK 24	00000000	00000300	00000000	00000300	00020000	00000000	00200000	00000000	01	02	00000000	6		
CLK 25	00000000	000000C0	00000000	000000C0	00080000	00000000	00200000	00000000	01	01	00000000	2		
CLK 26	00000000	00000030	00000000	00000030	00200000	00000000	00200000	00000000	01	01	00000000	6		
CLK 27	00000000	0000000C	00000000	0000000C	00800000	00000000	00200000	00000000	01	00	00000000	2		
CLK 28	00100000	00000003	00000000	00000003	00000000	00000000	00100000	00000000	01	00	00000000	4		
CLK 29	00040000	00000000	00040000	00000000	00000000	00000003	00200000	00000000	01	FF	00000000	2		
CLK 30	00010000	00000000	00010000	00000000	00000000	0000000C	00200000	00000000	01	FF	00000000	6		
PH 08	00010000	00000000	00010000	00000000	00000000	0000000C	00200000	00000000	01	FF	00000000	6		
PH 09	00100000	00000003	00100000	00000003	00000000	0000000C	00200000	00000000	00	FF	00000003	6		
PH 10	00100000	00000003	00100000	00000003	00000000	0000000C	00200000	00000000	00	FF	40100000	6		

TEST FML	NB	FC	R	EW	RU1	EWU1								
	44	0	40100000	41100000	00000006	00000000								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	00100000	40000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	40100000	6		
PH 02	00100000	41000000	00100000	40000000	00000008	00000000	00C00000	00000000	00	05	41100000	0		
PH 03	00200001	01000000	00100000	C0000000	00000008	00000000	00100000	41000000	00	05	00000006	0		
PH 04	00200001	00000000	00100000	00000006	00600000	00000008	00100000	41000000	01	0D	00000000	0		
PH 07	00000000	00000000	00100000	00000006	00000000	00000008	00100000	00000000	01	0D	00000000	0		
CLK 02	00200000	00000000	00000000	00000000	0080000C	00000020	00200000	00000000	01	0D	00000000	6		
CLK 03	00180000	00000000	00080000	00000000	00000000	00000080	00100000	00000000	01	0C	00000000	0		
CLK 04	00060000	00000000	00060000	00000000	00000000	00002000	00200000	00000000	01	0C	00000000	6		
CLK 05	00018000	00000000	00018000	00000000	00000000	00000800	00200000	00000000	01	0B	00000000	2		
CLK 06	00006000	00000000	00006000	00000000	00000000	00002000	00200000	00000000	01	0B	00000000	6		
CLK 07	00001800	00000000	00001800	00000000	00000000	00008000	00200000	00000000	01	0A	00000000	2		
CLK 08	00000600	00000000	00000600	00000000	00000000	00020000	00200000	00000000	01	0A	00000000	6		
CLK 09	00000180	00000000	00000180	00000000	00000000	00080000	00200000	00000000	01	09	00000000	2		
CLK 10	00000060	00000000	00000060	00000000	00000000	00000000	00200000	00000000	01	09	00000000	6		
CLK 11	00000018	00000000	00000018	00000000	00000000	00000000	00200000	00000000	01	08	00000000	2		
CLK 12	00000006	00000000	00000006	00000000	00000000	02000000	00200000	00000000	01	08	00000000	6		
CLK 13	00000001	80000000	00000001	80000000	00000000	08000000	00200000	00000000	01	07	00000000	2		
CLK 14	00000000	60000000	00000000	60000000	00000000	20000000	00200000	00000000	01	07	00000000	6		
CLK 15	00000000	18000000	00000000	18000000	00000000	80000000	00200000	00000000	01	06	00000000	2		
CLK 16	00000000	06000000	00000000	06000000	00000002	00000000	00200000	00000000	01	06	00000000	6		
CLK 17	00000000	01800000	00000000	01800000	00000000	00000000	00200000	00000000	01	05	00000000	2		
CLK 18	00000000	00600000	00000000	00600000	00000020	00000000	00200000	00000000	01	05	00000000	6		
CLK 19	00000000	00180000	00000000	00180000	00000008	00000000	00200000	00000000	01	04	00000000	2		
CLK 20	00000000	00060000	00000000	00060000	00000200	00000000	00200000	00000000	01	04	00000000	6		
CLK 21	00000000	00018000	00000000	00018000	00000800	00000000	00200000	00000000	01	03	00000000	2		
CLK 22	00000000	00006000	00000000	00006000	00002000	00000000	00200000	00000000	01	03	00000000	6		
CLK 23	00000000	00001800	00000000	00001800	00008000	00000000	00200000	00000000	01	02	00000000	2		
CLK 24	00000000	00000600	00000000	00000600	00020000	00000000	00200000	0						

TEST	NB	FC	R	EW	RU1	EWU1																
FML	45	0	40100000	41EFFFFF	00000001	FFFFFFF																
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW										
PH 01	00100000	40000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	40100000	6										
PH 02	00EFFFFFF	41000000	00100000	40000000	00000008	00000000	00000000	00000000	00	05	41EFFFFF	0										
PH 03	01000000	01000000	00100000	C0000000	00000008	00000000	00EFFFFFF	41000000	00	05	00000001	0										
PH 04	01000000	FFFFFFF	00100000	00000001	00800000	00000008	00EFFFFFF	41000000	01	0D	FFFFFFF	0										
PH 07	00000000	00000000	00100000	00000001	00800000	00000008	00EFFFFFF	FFFFFFF	01	0D	FFFFFFF	0										
CLK 02	00EFFFFFF	FFFFFFF	00000000	00000000	00000000	00000020	00EFFFFFF	FFFFFFF	01	0D	FFFFFFF	4										
CLK 03	003BFFFF	FFFFFFF	003BFFFF	FFFFFFF	00000000	00000083	01DFFFFF	FFFFFFF	01	0C	FFFFFFF	2										
CLK 04	00EFFFFFF	FFFFFFF	00EFFFF	FFFFFFF	00000000	0000020F	01DFFFFF	FFFFFFF	01	0C	FFFFFFF	6										
CLK 05	0003BFFF	FFFFFFF	0003BFFF	FFFFFFF	00000000	0000083F	01DFFFFF	FFFFFFF	01	0B	FFFFFFF	2										
CLK 06	0000EFFF	FFFFFFF	0000EFFF	FFFFFFF	00000000	000020FF	01DFFFFF	FFFFFFF	01	0A	FFFFFFF	6										
CLK 07	00003BFF	FFFFFFF	00003BFF	FFFFFFF	00000000	000083FF	01DFFFFF	FFFFFFF	01	0A	FFFFFFF	2										
CLK 08	0000EFFF	FFFFFFF	0000EFFF	FFFFFFF	00000000	00020FFF	01DFFFFF	FFFFFFF	01	0A	FFFFFFF	6										
CLK 09	00003BF	FFFFFFF	00003BF	FFFFFFF	00000000	00083FFF	01DFFFFF	FFFFFFF	01	09	FFFFFFF	2										
CLK 10	000000EF	FFFFFFF	000000EF	FFFFFFF	00000000	0020FFFF	01DFFFFF	FFFFFFF	01	09	FFFFFFF	6										
CLK 11	0000003B	FFFFFFF	0000003B	FFFFFFF	00000000	0083FFFF	01DFFFFF	FFFFFFF	01	08	FFFFFFF	2										
CLK 12	0000000E	FFFFFFF	0000000E	FFFFFFF	00000000	020FFFFF	01DFFFFF	FFFFFFF	01	08	FFFFFFF	6										
CLK 13	00000003	BFFFFFFF	00000003	BFFFFFFF	00000000	083FFFFF	01DFFFFF	FFFFFFF	01	07	FFFFFFF	2										
CLK 14	00000000	EFFFFFFF	00000000	EFFFFFFF	00000000	20FFFFF	01DFFFFF	FFFFFFF	01	07	FFFFFFF	6										
CLK 15	00000000	3BFFFFFF	00000000	3BFFFFFF	00000000	83FFFFF	01DFFFFF	FFFFFFF	01	06	FFFFFFF	2										
CLK 16	00000000	0EFFFFFF	00000000	0EFFFFFF	00000002	0FFFFFFF	01DFFFFF	FFFFFFF	01	06	FFFFFFF	6										
CLK 17	00000000	03BFFFFF	00000000	03BFFFFF	00000008	3FFFFFFF	01DFFFFF	FFFFFFF	01	05	FFFFFFF	2										
CLK 18	00000000	00EFFFFFF	00000000	00EFFFFFF	00000020	FFFFFFF	01DFFFFF	FFFFFFF	01	05	FFFFFFF	6										
CLK 19	00000000	003BFFFF	00000000	003BFFFF	00000083	FFFFFFF	01DFFFFF	FFFFFFF	01	04	FFFFFFF	2										
CLK 20	00000000	00EFFFF	00000000	00EFFFF	0000020F	FFFFFFF	01DFFFFF	FFFFFFF	01	04	FFFFFFF	6										
CLK 21	00000000	0003BFFF	00000000	0003BFFF	0000083F	FFFFFFF	01DFFFFF	FFFFFFF	01	03	FFFFFFF	2										
CLK 22	00000000	0000EFFF	00000000	0000EFFF	000020FF	FFFFFFF	01DFFFFF	FFFFFFF	01	03	FFFFFFF	6										
CLK 23	00000000	00003BFF	00000000	00003BFF	000083FF	FFFFFFF	01DFFFFF	FFFFFFF	01	02	FFFFFFF	2										
CLK 24	00000000	000000EF	00000000	000000EF	000000FF	FFFFFFF	01DFFFFF	FFFFFFF	01	02	FFFFFFF	6										
CLK 25	00000000	000003BF	00000000	000003BF	000083FF	FFFFFFF	01DFFFFF	FFFFFFF	01	01	FFFFFFF	2										
CLK 26	00000000	000000EF	00000000	000000EF	0020FFFF	FFFFFFF	01DFFFFF	FFFFFFF	01	01	FFFFFFF	6										
CLK 27	00000000	000003B	00000000	000003B	0083FFFF	FFFFFFF	01DFFFFF	FFFFFFF	01	00	FFFFFFF	2										
CLK 28	00F00000	00000000	00000000	00000000	0000000E	00EFFFF	00EFFFF	00EFFFF	01	00	FFFFFFF	4										
CLK 29	003C0000	00000003	003C0000	00000003	003FFFFF	FFFFFFF	01DFFFFF	FFFFFFF	01	FF	FFFFFFF	2										
CLK 30	000F0000	00000000	000F0000	00000000	00FFFFFF	FFFFFFFB	01DFFFFF	FFFFFFF	01	FF	FFFFFFF	6										
PH 08	000F0000	00000000	000F0000	00000000	00FFFFFF	FFFFFFFB	01DFFFFF	FFFFFFF	01	FF	FFFFFFF	6										
PH 09	00F00000	00000000	00F00000	00000000	00FFFFFF	FFFFFFFB	01DFFFFF	FFFFFFF	00	FF	0000000D	6										
PH 10	00F00000	00000000	00F00000	00000000	00FFFFFF	FFFFFFFB	01DFFFFF	FFFFFFF	00	FF	40F00000	6										

TEST	NB	FC	R	EW	RU1	EWU1																
FML	46	0	40100000	41EFFFFF	00000002	FFFFFFF																
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW										
PH 01	00100000	40000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	40100000	6										
PH 02	00EFFFFFF	41000000	00100000	40000000	00000008	00000000	00000000	00000000	00	05	41EFFFFF	0										
PH 03	01000000	01000000	00100000	C0000000	00000008	00000000	00EFFFFFF	41000000	00	05	00000002	0										
PH 04	01000000	FFFFFFF	00100000	00000002	00400000	00000008	00EFFFFFF	41000000	01	0D	FFFFFFF	0										
PH 07	00000000	00000000	00100000	00000002	00400000	00000008	00EFFFFFF	FFFFFFF	01	0D	FFFFFFF	0										
CLK 02	010FFFFFF	FFFFFFF	00000000	00000000	00000000	00000020	01DFFFFF	FFFFFFF	01	0D	FFFFFFF	6										
CLK 03	0077FFFF	FFFFFFF	0077FFFF	FFFFFFF	00000000	00000081	01DFFFFF	FFFFFFF	01	0C	FFFFFFF	2										
CLK 04	001DFFFF	FFFFFFF	001DFFFF	FFFFFFF	00000000	0000020F	01DFFFFF	FFFFFFF	01	0C	FFFFFFF	6										
CLK 05	00077FFF	FFFFFFF	00077FFF	FFFFFFF	00000000	0000081F	01DFFFFF	FFFFFFF	01	0B	FFFFFFF	2										
CLK 06	0001DFFF	FFFFFFF	0001DFFF	FFFFFFF	00000000	0000207F	01DFFFFF	FFFFFFF	01	0B	FFFFFFF	6										
CLK 07	000077FF	FFFFFFF	000077FF	FFFFFFF	00000000	000081FF	01DFFFFF	FFFFFFF	01	0A	FFFFFFF	2										
CLK 08	00001DFF	FFFFFFF	00001DFF	FFFFFFF	00000000	000207FF	01DFFFFF	FFFFFFF	01	0A	FFFFFFF	6										
CLK 09	0000077F	FFFFFFF	0000077F	FFFFFFF	00000000	00081FFF	01DFFFFF	FFFFFFF	01	09	FFFFFFF	2										
CLK 10	0000010F	FFFFFFF	0000010F	FFFFFFF	00000000	00207FFF	01DFFFFF	FFFFFFF	01	09	FFFFFFF	6										
CLK 11	00000077	FFFFFFF	00000077	FFFFFFF	00000000	0081FFFF	01DFFFFF	FFFFFFF	01	08	FFFFFFF	2										
CLK 12	0000001D	FFFFFFF	0000001D	FFFFFFF	00000000	0207FFFF	01DFFFFF	FFFFFFF	01	08	FFFFFFF	6										
CLK 13	00000007	7FFFFFFF	00000007	7FFFFFFF	00000000	081FFFFF	01DFFFFF	FFFFFFF	01	07	FFFFFFF	2										
CLK 14	00000001	DFFFFFFF	00000001	DFFFFFFF	00000000	207FFFFF	01DFFFFF	FFFFFFF	01	07	FFFFFFF	6										
CLK 15	00000000	77FFFFFF	00000000	77FFFFFF	00000000	81FFFFF	01DFFFFF	FFFFFFF	01	06	FFFFFFF	2										
CLK 16	00000000	1DFFFFFF	00000000	1DFFFFFF	00000002	07FFFFFF	01DFFFFF	FFFFFFF	01	06	FFFFFFF	6										
CLK 17	00000000	077FFFF	00000000	077FFFF	00000008	1FFFFFFF	01DFFFFF	FFFFFFF	01	05	FFFFFFF	2										
CLK 18	00000000	01DFFFF	00000000	01DFFFF	00000020	7FFFFFFF	01DFFFFF	FFFFFFF	01	05	FFFFFFF	6										
CLK 19	00000000	0077FFF	00000000	0077FFF	00000081	FFFFFFF	01DFFFFF	FFFFFFF	01	04	FFFFFFF	2										
CLK 20	00000000	001DFFF	00000000	001DFFF	00000207	FFFFFFF	01DFFFFF	FFFFFFF	01	04	FFFFFFF	6										
CLK 21	00000000	00077FFF	00000000	00077FFF	0000081F	FFFFFFF	01DFFFFF	FFFFFFF	01	03	FFFFFFF	2										
CLK 22	00000000	0001DFFF	00000000	0001DFFF	0000207F	FFFFFFF	01DFFFFF	FFFFFFF	01	03	FFFFFFF	6										
CLK 23	00000000	000077FF	00000000	000077FF	000081FF	FFFFFFF	01DFFFFF	FFFFFFF	01	02	FFFFFFF	2										
CLK 24	00000000	00001DFF	00000000	00001DFF	000207FF	FFFFFFF	01DFFFFF	FFFFFFF	01	02	FFFFFFF	6										
CLK 25	00000000	0000077F	00000000	0000077F	000081FF	FFFFFFF	01DFFFFF	FFFFFFF	01	01	FFFFFFF	2										
CLK 26	00000000	0000010F	00000000	0000010F	00207FFF	FFFFFFF	01DFFFFF	FFFFFFF	01	01	FFFFFFF	6										
CLK 27	00000000	00000077	00000000	00000077	0081FFFF	FFFFFFF	01DFFFFF	FFFFFFF	01	00	FFFFFFF	2										
CLK 28	00F00000	0000001C	00000000	0000001D	0007FFFF	FFFFFFF	00EFFFFF	FFFFFFF	01	00	FFFFFFF	4										
CLK 29	003C0000	00000007	003C0000	00000007	001FFFFF	FFFFFFFC	01DFFFFF	FFFFFFF	01	FF	FFFFFFF	2										
CLK 30	000F0000	00000001	000F0000	00000001	007FFFFF	FFFFFFF3	01DFFFFF	FFFFFFF	01	FF	FFFFFFF	6										
PH 08	000F0000	00000001	000F0000	00000001	007FFFFF	FFFFFFF3	01DFFFFF	FFFFFFF	01	FF	FFFFFFF	6										
PH 09	00F00000	0000001C	00F00000	0000001C	007FFFFF	FFFFFFF3	01DFFFFF	FFFFFFF	00	FF	0000001C	6										
PH 10	00F00000	0000001C	00F00000	0000001C	007FFFFF	FFFFFFF3	01DFFFFF	FFFFFFF	00	FF	40F00000	6										

TEST N#	FC	R	EW	RU1	EWU1								
FML 47	0	40100000	41EFFFFF	00000003	FFFFFFF								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00100000	40000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	40100000	6	
PH 02	00EFFFFFF	41000000	00100000	40000000	00000008	00000000	00000000	00000000	00	05	41EFFFFFF	0	
PH 03	01000000	01000000	00100000	00000000	00000008	00000000	00EFFFFFF	41000000	00	05	00000003	0	
PH 04	01000000	FFFFFFF	00100000	00000003	00000000	00000008	00EFFFFFF	41000000	01	0D	FFFFFFF	0	
PH 07	00000000	00000000	00100000	00000003	00000000	00000008	00EFFFFFF	FFFFFFF	01	0D	FFFFFFF	0	
CLK 02	FF100000	00000001	00000000	00000000	00000000	00000020	00EFFFFFF	FFFFFFF	01	0D	FFFFFFF	5	
CLK 03	00B3FFFF	FFFFFFF	FFC40000	00000000	00000000	00000082	00EFFFFFF	FFFFFFF	01	0C	FFFFFFF	0	
CLK 04	002CFFFF	FFFFFFF	002CFFFF	FFFFFFF	00000000	0000020B	01DFFFFFF	FFFFFFF	01	0C	FFFFFFF	6	
CLK 05	000B3FFF	FFFFFFF	000B3FFF	FFFFFFF	00000000	0000082F	01DFFFFFF	FFFFFFF	01	0B	FFFFFFF	2	
CLK 06	0002CFFF	FFFFFFF	0002CFFF	FFFFFFF	00000000	000020BF	01DFFFFFF	FFFFFFF	01	0B	FFFFFFF	6	
CLK 07	0000B3FF	FFFFFFF	0000B3FF	FFFFFFF	00000000	000082FF	01DFFFFFF	FFFFFFF	01	0A	FFFFFFF	2	
CLK 08	00002CFF	FFFFFFF	00002CFF	FFFFFFF	00000000	00020BFF	01DFFFFFF	FFFFFFF	01	0A	FFFFFFF	6	
CLK 09	00000B3F	FFFFFFF	00000B3F	FFFFFFF	00000000	00082FFF	01DFFFFFF	FFFFFFF	01	09	FFFFFFF	2	
CLK 10	000002CF	FFFFFFF	000002CF	FFFFFFF	00000000	0020BFFF	01DFFFFFF	FFFFFFF	01	09	FFFFFFF	6	
CLK 11	000000B3	FFFFFFF	000000B3	FFFFFFF	00000000	0082FFFF	01DFFFFFF	FFFFFFF	01	08	FFFFFFF	2	
CLK 12	0000002C	FFFFFFF	0000002C	FFFFFFF	00000000	020BFFFF	01DFFFFFF	FFFFFFF	01	08	FFFFFFF	6	
CLK 13	0000000B	3FFFFFFF	0000000B	3FFFFFFF	00000000	082FFFFF	01DFFFFFF	FFFFFFF	01	07	FFFFFFF	2	
CLK 14	00000002	CFFFFFFF	00000002	CFFFFFFF	00000000	20BFFFFF	01DFFFFFF	FFFFFFF	01	07	FFFFFFF	6	
CLK 15	00000000	B3FFFFFF	00000000	B3FFFFFF	00000000	82FFFFF	01DFFFFFF	FFFFFFF	01	06	FFFFFFF	2	
CLK 16	00000000	2CFFFFFF	00000000	2CFFFFFF	00000002	0BFFFFF	01DFFFFFF	FFFFFFF	01	06	FFFFFFF	6	
CLK 17	00000000	0B3FFFFF	00000000	0B3FFFFF	00000008	2FFFFF	01DFFFFFF	FFFFFFF	01	05	FFFFFFF	2	
CLK 18	00000000	02CFFFFF	00000000	02CFFFFF	00000020	BFFFFF	01DFFFFFF	FFFFFFF	01	05	FFFFFFF	6	
CLK 19	00000000	00B3FFFF	00000000	00B3FFFF	00000008	FFFFFFF	01DFFFFFF	FFFFFFF	01	04	FFFFFFF	2	
CLK 20	00000000	002CFFFF	00000000	002CFFFF	0000020B	FFFFFFF	01DFFFFFF	FFFFFFF	01	04	FFFFFFF	6	
CLK 21	00000000	000B3FFF	00000000	000B3FFF	000082FF	FFFFFFF	01DFFFFFF	FFFFFFF	01	03	FFFFFFF	2	
CLK 22	00000000	0002CFFF	00000000	0002CFFF	000020BF	FFFFFFF	01DFFFFFF	FFFFFFF	01	03	FFFFFFF	6	
CLK 23	00000000	0000B3FF	00000000	0000B3FF	000082FF	FFFFFFF	01DFFFFFF	FFFFFFF	01	02	FFFFFFF	2	
CLK 24	00000000	00002CFF	00000000	00002CFF	FFFFFFF	FFFFFFF	01DFFFFFF	FFFFFFF	01	02	FFFFFFF	6	
CLK 25	00000000	00000B3F	00000000	00000B3F	00082FFF	FFFFFFF	01DFFFFFF	FFFFFFF	01	01	FFFFFFF	2	
CLK 26	00000000	000002CF	00000000	000002CF	0020BFFF	FFFFFFF	01DFFFFFF	FFFFFFF	01	01	FFFFFFF	6	
CLK 27	00000000	000000B3	00000000	000000B3	0082FFFF	FFFFFFF	01DFFFFFF	FFFFFFF	01	00	FFFFFFF	2	
CLK 28	00000000	0000002C	00000000	0000002C	000BFFFF	FFFFFFF	00EFFFFFF	FFFFFFF	01	00	FFFFFFF	6	
CLK 29	003C0000	0000000A	003C0000	0000000A	002FFFFF	FFFFFFF	01DFFFFFF	FFFFFFF	01	FF	FFFFFFF	2	
CLK 30	000F0000	00000002	000F0000	00000002	00BFFFFF	FFFFFFFD	01DFFFFFF	FFFFFFF	01	FF	FFFFFFF	6	
PH 08	000F0000	00000002	000F0000	00000002	00BFFFFF	FFFFFFFD	01DFFFFFF	FFFFFFF	01	FF	FFFFFFF	6	
PH 09	00F00000	0000002B	00F00000	0000002B	00BFFFFF	FFFFFFFD	01DFFFFFF	FFFFFFF	00	FF	0000002B	6	
PH 10	00F00000	0000002B	00F00000	0000002B	00BFFFFF	FFFFFFFD	01DFFFFFF	FFFFFFF	00	FF	40F00000	6	

TEST N#	FC	R	EW	RU1	EWU1								
FML 48	0	40100000	41EFFFFF	00000006	FFFFFFF								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00100000	40000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	40100000	6	
PH 02	00EFFFFFF	41000000	00100000	40000000	00000008	00000000	00000000	00000000	00	05	41EFFFFFF	0	
PH 03	01000000	01000000	00100000	00000000	00000008	00000000	00EFFFFFF	41000000	00	05	00000006	0	
PH 04	01000000	FFFFFFF	00100000	00000006	00000000	00000008	00EFFFFFF	41000000	01	0D	FFFFFFF	0	
PH 07	00000000	00000000	00100000	00000006	00000000	00000008	00EFFFFFF	FFFFFFF	01	0D	FFFFFFF	0	
CLK 02	01DFFFFFF	FFFFFFF	00000000	00000000	00800000	00000020	01DFFFFFF	FFFFFFF	01	0D	FFFFFFF	6	
CLK 03	0167FFFF	FFFFFFF	0077FFFF	FFFFFFF	00000000	00000081	00EFFFFFF	FFFFFFF	01	0C	FFFFFFF	0	
CLK 04	0059FFFF	FFFFFFF	0059FFFF	FFFFFFF	00000000	00000205	01DFFFFFF	FFFFFFF	01	0C	FFFFFFF	6	
CLK 05	00167FFF	FFFFFFF	00167FFF	FFFFFFF	00000000	00000817	01DFFFFFF	FFFFFFF	01	0B	FFFFFFF	2	
CLK 06	00059FFF	FFFFFFF	00059FFF	FFFFFFF	00000000	0000205F	01DFFFFFF	FFFFFFF	01	0B	FFFFFFF	6	
CLK 07	000167FF	FFFFFFF	000167FF	FFFFFFF	00000000	0000817F	01DFFFFFF	FFFFFFF	01	0A	FFFFFFF	2	
CLK 08	000059FF	FFFFFFF	000059FF	FFFFFFF	00000000	000205FF	01DFFFFFF	FFFFFFF	01	0A	FFFFFFF	6	
CLK 09	0000167F	FFFFFFF	0000167F	FFFFFFF	00000000	000817FF	01DFFFFFF	FFFFFFF	01	09	FFFFFFF	2	
CLK 10	0000059F	FFFFFFF	0000059F	FFFFFFF	00000000	00205FFF	01DFFFFFF	FFFFFFF	01	09	FFFFFFF	6	
CLK 11	00000167	FFFFFFF	00000167	FFFFFFF	00000000	00817FFF	01DFFFFFF	FFFFFFF	01	08	FFFFFFF	2	
CLK 12	00000059	FFFFFFF	00000059	FFFFFFF	00000000	0205FFFF	01DFFFFFF	FFFFFFF	01	08	FFFFFFF	6	
CLK 13	00000016	7FFFFFFF	00000016	7FFFFFFF	00000000	0817FFFF	01DFFFFFF	FFFFFFF	01	07	FFFFFFF	2	
CLK 14	00000005	9FFFFFFF	00000005	9FFFFFFF	00000000	205FFFFF	01DFFFFFF	FFFFFFF	01	07	FFFFFFF	6	
CLK 15	00000001	67FFFFFF	00000001	67FFFFFF	00000000	817FFFFF	01DFFFFFF	FFFFFFF	01	06	FFFFFFF	2	
CLK 16	00000000	59FFFFFF	00000000	59FFFFFF	00000002	05FFFFF	01DFFFFFF	FFFFFFF	01	06	FFFFFFF	6	
CLK 17	00000000	167FFFFF	00000000	167FFFFF	00000008	17FFFFF	01DFFFFFF	FFFFFFF	01	05	FFFFFFF	2	
CLK 18	00000000	059FFFFF	00000000	059FFFFF	00000020	5FFFFF	01DFFFFFF	FFFFFFF	01	05	FFFFFFF	6	
CLK 19	00000000	0167FFFF	00000000	0167FFFF	00000081	7FFFFF	01DFFFFFF	FFFFFFF	01	04	FFFFFFF	2	
CLK 20	00000000	0059FFFF	00000000	0059FFFF	00000205	FFFFFFF	01DFFFFFF	FFFFFFF	01	04	FFFFFFF	6	
CLK 21	00000000	00167FFF	00000000	00167FFF	0000817F	FFFFFFF	01DFFFFFF	FFFFFFF	01	03	FFFFFFF	2	
CLK 22	00000000	00059FFF	00000000	00059FFF	0000205F	FFFFFFF	01DFFFFFF	FFFFFFF	01	03	FFFFFFF	6	
CLK 23	00000000	000167FF	00000000	000167FF	0000817F	FFFFFFF	01DFFFFFF	FFFFFFF	01	02	FFFFFFF	2	
CLK 24	00000000	000059FF	00000000	000059FF	000205FF	FFFFFFF	01DFFFFFF	FFFFFFF	01	02	FFFFFFF	6	
CLK 25	00000000	0000167F	00000000	0000167F	000817FF	FFFFFFF	01DFFFFFF	FFFFFFF	01	01	FFFFFFF	2	
CLK 26	00000000	0000059F	00000000	0000059F	00205FFF	FFFFFFF	01DFFFFFF	FFFFFFF	01	01	FFFFFFF	6	
CLK 27	00000000	00000016	00000000	00000016	00817FFF	FFFFFFF	01DFFFFFF	FFFFFFF	01	00	FFFFFFF	2	
CLK 28	00F00000	00000058	00000000	00000059	005FFFFF	FFFFFFF	00EFFFFFF	FFFFFFF	01	00	FFFFFFF	6	
CLK 29	003C0000	00000016	003C0000	00000016	0017FFFF	FFFFFFFC	01DFFFFFF	FFFFFFF	01	FF	FFFFFFF	2	
CLK 30	000F0000	00000005	000F0000	00000005	005FFFFF	FFFFFFF1	01DFFFFFF	FFFFFFF	01	FF	FFFFFFF	6	
PH 08	000F0000	00000005	000F0000	00000005	005FFFFF	FFFFFFF1	01DFFFFFF	FFFFFFF	01	FF	FFFFFFF	6	
PH 09	00F00000	00000058	00F00000	00000058	005FFFFF	FFFFFFF1	01DFFFFFF	FFFFFFF	00	FF	00000058	6	
PH 10	00F00000	00000058	00F00000	00000058	005FFFFF	FFFFFFF1	01DFFFFFF	FFFFFFF	00	FF	40F00000	6	

TEST	NB	FC	R	EW	RU1	EWU1							
FML	49	5	BFF00000	BFF00000	00000000	00000000							
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)	E	F	FP	SW	
PH 01	03F00000	BFF00000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	BFF00000	6	
PH 02	03F00000	BFF00000	FFF00000	BFF00000	0000000F	00000000	00000000	00000000	00	05	BFF00000	0	
PH 03	00000000	00800000	FFF00000	C0000000	0000000F	00000000	FFF00000	BF800000	00	05	00000000	0	
PH 04	00000000	00000000	FFF00000	00000000	00000000	0000000F	FFF00000	BF800000	00	0D	00000000	1	
PH 05	FFF00000	00000000	FFF00000	00000000	00000000	0000000F	FFF00000	00000000	00	0D	00000000	0	
CLK 02	FF000000	00000000	FF000000	00000000	00000000	0000000F	FFF00000	00000000	FF	0D	00000000	1	
PH 06	00100000	00000000	FF000000	00000000	00000000	0000000F	FFF00000	00000000	FF	0D	00000000	0	
CLK 02	01000000	00000000	01000000	00000000	00000000	0000000F	FF000000	00000000	FE	0C	00000000	0	
PH 07	00000000	00000000	01000000	00000000	00000000	0000000F	FF000000	00000000	FE	0C	00000000	0	
CLK 02	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	0C	00000000	6	
CLK 03	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	0B	00000000	2	
CLK 04	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	0B	00000000	6	
CLK 05	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	0A	00000000	2	
CLK 06	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	0A	00000000	6	
CLK 07	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	09	00000000	2	
CLK 08	00000000	00000000	00000000	00000000	00000000	0003C000	FE000000	00000000	FE	09	00000000	6	
CLK 09	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	08	00000000	2	
CLK 10	00000000	00000000	00000000	00000000	00000000	003C0000	FE000000	00000000	FE	08	00000000	6	
CLK 11	00000000	00000000	00000000	00000000	00000000	00F00000	FE000000	00000000	FE	07	00000000	2	
CLK 12	00000000	00000000	00000000	00000000	00000000	003C0000	FE000000	00000000	FE	07	00000000	6	
CLK 13	00000000	00000000	00000000	00000000	00000000	0F000000	FE000000	00000000	FE	06	00000000	2	
CLK 14	00000000	00000000	00000000	00000000	00000000	3C000000	FE000000	00000000	FE	06	00000000	6	
CLK 15	00000000	00000000	00000000	00000000	00000000	F0000000	FE000000	00000000	FE	05	00000000	2	
CLK 16	00000000	00000000	00000000	00000000	00000000	C0000000	FE000000	00000000	FE	05	00000000	6	
CLK 17	00000000	00000000	00000000	00000000	00000000	0000000F	FE000000	00000000	FE	04	00000000	2	
CLK 18	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	04	00000000	6	
CLK 19	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	03	00000000	2	
CLK 20	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	03	00000000	6	
CLK 21	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	FE	02	00000000	2	
CLK 22	00000000	00000000	00000000	00000000	00000000	00003C00	FE000000	00000000	FE	02	00000000	6	
CLK 23	00000000	00000000	00000000	00000000	00000000	0000F000	FE000000	00000000	FE	01	00000000	2	
CLK 24	00000000	00000000	00000000	00000000	00000000	0003C000	FE000000	00000000	FE	01	00000000	6	
CLK 25	00000000	00000000	00000000	00000000	00000000	000F0000	FE000000	00000000	FE	00	00000000	2	
CLK 26	00000000	00000000	00000000	00000000	00000000	003C0000	FE000000	00000000	FE	00	00000000	6	
CLK 27	00000000	00000000	00000000	00000000	00000000	00F00000	FE000000	00000000	FE	FF	00000000	2	
CLK 28	01000000	00000000	00000000	00000000	00000000	00C00000	FF000000	00000000	FE	FF	00000000	5	
PH 08	01000000	00000000	01000000	00000000	00000000	00C00000	FF000000	00000000	FE	FF	00000000	5	

TEST	NB	FC	R	EW	RU1	EWU1							
FML	49	5	BFF00000	BFF00000	00000000	00000000							
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)	E	F	FP	SW	
PH 09	00100000	00000000	00100000	00000000	00C00000	00000000	FF000000	00000000	FF	FF	00000000	5	
PH 10	00100000	00000000	00100000	00000000	00C00000	00000000	FF000000	00000000	FF	FF	3F100000	5	

TEST FML	NB 01	FC 5	R 30555555	EW 30555555	RU1 55555555	EWU1 55555555														
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW								
PH 01	00555555	30000000	00000000	00000000	00000000	00000000	00000000	00000000	FF	FF	30555555	5								
PH 02	00555555	30000000	00555555	30000000	00AAAAAA	00000000	00000000	00000000	00	05	30555555	0								
PH 03	00AAAAAA	00000000	00555555	00000000	00AAAAAA	00000000	00555555	30000000	00	05	55555555	0								
PH 04	00AAAAAA	55555555	00555555	55555555	00AAAAAA	AAAAAA8A	00555555	30000000	00	0D	55555555	0								
PH 07	00000000	00000000	00555555	55555555	00AAAAAA	AAAAAA8A	00555555	55555555	00	0D	55555555	0								
CLK 02	00555555	55555555	00000000	00000000	00AAAAAA	AAAAAA8A	00555555	55555555	00	0D	55555555	4								
CLK 03	006AAAAA	AAAAAA8A	00155555	55555555	00AAAAAA	AAAAAA8A	00555555	55555555	00	0C	55555555	0								
CLK 04	006FFFFF	FFFFFFF8	001AAAAA	AAAAAA8A	00AAAAAA	AAAAAA89	00555555	55555555	00	0C	55555555	4								
CLK 05	00715555	55555554	0018FFFF	FFFFFFF8	00AAAAAA	AAAAAA27	00555555	55555555	00	0B	55555555	0								
CLK 06	0071AAAA	AAAAAA8A	001C5555	55555555	00AAAAAA	AAAAAA89C	00555555	55555555	00	0B	55555555	4								
CLK 07	0071BFFF	FFFFFFF8	001C6AAA	AAAAAA27	00AAAAAA	AAAAAA27	00555555	55555555	00	0A	55555555	0								
CLK 08	0071C555	55555554	001C6FFF	FFFFFFF8	00AAAAAA	AAAA89C7	00555555	55555555	00	0A	55555555	4								
CLK 09	0071C6AA	AAAAAA8A	001C7155	55555555	00AAAAAA	AAAA271C	00555555	55555555	00	09	55555555	0								
CLK 10	0071C6FF	FFFFFFF8	001C71AA	AAAAAA8A	00AAAAAA	AAA89C71	00555555	55555555	00	09	55555555	4								
CLK 11	0071C71A	55555554	001C719F	FFFFFFF8	00AAAAAA	AAA271C7	00555555	55555555	00	08	55555555	0								
CLK 12	0071C715	AAAAAA8A	001C71C5	55555555	00AAAAAA	AA89C71C	00555555	55555555	00	08	55555555	4								
CLK 13	0071C718	FFFFFFF8	001C71C6	AAAAAA8A	00AAAAAA	AA271C71	00555555	55555555	00	07	55555555	0								
CLK 14	0071C71C	55555554	001C71C6	FFFFFFF8	00AAAAAA	A89C71C7	00555555	55555555	00	07	55555555	4								
CLK 15	0071C71C	6AAAAA8A	001C71C7	15555555	00AAAAAA	A271C71C	00555555	55555555	00	06	55555555	0								
CLK 16	0071C71C	6FFFFF8A	001C71C7	1AAAAA8A	00AAAAAA	89C71C71	00555555	55555555	00	06	55555555	4								
CLK 17	0071C71C	71555554	001C71C7	1BFFFFF8	00AAAAAA	271C71C7	00555555	55555555	00	05	55555555	0								
CLK 18	0071C71C	71AAAA8A	001C71C7	1C555555	00AAAAAA	9C71C71C	00555555	55555555	00	05	55555555	4								
CLK 19	0071C71C	71BFFFF8	001C71C7	1C6AAAAA	00AAAAAA	271C71C7	00555555	55555555	00	04	55555555	0								
CLK 20	0071C71C	71C55554	001C71C7	1C6FFFFF	00AAAA89	C71C71C7	00555555	55555555	00	04	55555555	4								
CLK 21	0071C71C	71C6AAAA	001C71C7	1C715555	00AAAAA2	1C71C71C	00555555	55555555	00	03	55555555	0								
CLK 22	0071C71C	71C6FFFF	001C71C7	1C71AAAA	00AAAA89	71C71C71	00555555	55555555	00	03	55555555	4								
CLK 23	0071C71C	71C71554	001C71C7	1C71BFFF	00AAAA27	C71C71C7	00555555	55555555	00	02	55555555	0								
CLK 24	0071C71C	71C71AAA	001C71C7	1C71C555	00AA89C7	1C71C71C	00555555	55555555	00	02	55555555	4								
CLK 25	0071C71C	71C71BFF	001C71C7	1C71C6AA	00AA271C	71C71C71	00555555	55555555	00	01	55555555	0								
CLK 26	0071C71C	71C71C54	001C71C7	1C71C6FF	00A89C71	C71C71C7	00555555	55555555	00	01	55555555	4								
CLK 27	0071C71C	71C71C6A	001C71C7	1C71C715	00A271C7	1C71C71C	00555555	55555555	00	00	55555555	0								
CLK 28	0071C71C	71C71C6F	001C71C7	1C71C71A	0089C71C	71C71C71	00555555	55555555	00	00	55555555	4								
CLK 29	0071C71C	71C71C70	001C71C7	1C71C71B	00271C71	C71C71C7	00555555	55555555	00	FF	55555555	0								
CLK 30	001C71C7	1C71C71C	001C71C7	1C71C71C	009C71C7	1C71C71C	00AAAAAA	AAAAAA8A	00	FF	55555555	6								
PH 08	001C71C7	1C71C71C	001C71C7	1C71C71C	009C71C7	1C71C71C	00AAAAAA	AAAAAA8A	00	FF	55555555	6								
PH 09	001C71C7	1C71C71C	001C71C7	1C71C71C	009C71C7	1C71C71C	00AAAAAA	AAAAAA8A	00	FF	1C71C71C	6								
PH 10	001C71C7	1C71C71C	001C71C7	1C71C71C	009C71C7	1C71C71C	00AAAAAA	AAAAAA8A	00	FF	201C71C7	6								

TEST FML	NB 02	FC 5	R 40AAAAAA	EW 40AAAAAA	RU1 AAAAAAAA	EWU1 AAAAAAAA														
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW								
PH 01	00AAAAAA	40000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	40AAAAAA	6								
PH 02	00AAAAAA	40000000	00AAAAAA	40000000	00555555	00000000	00000000	00000000	00	05	40AAAAAA	0								
PH 03	01555555	00000000	00AAAAAA	00000000	00555555	00000000	00AAAAAA	40000000	00	05	AAAAAA8A	0								
PH 04	01555555	AAAAAA8A	00AAAAAA	AAAAAA8A	00555555	55555555	00AAAAAA	40000000	00	0D	AAAAAA8A	0								
PH 07	00000000	00000000	00AAAAAA	AAAAAA8A	00555555	55555555	00AAAAAA	AAAAAA8A	00	0D	AAAAAA8A	0								
CLK 02	01555555	55555554	00000000	00000000	00555555	55555554	01555555	55555554	00	0D	AAAAAA8A	6								
CLK 03	01AAAAAA	AAAAAA89	00555555	55555555	00555555	55555550	01555555	55555554	00	0C	AAAAAA8A	2								
CLK 04	01BFFFFF	FFFFFFF8	006AAAAA	AAAAAA8A	00555555	55555542	01555555	55555554	00	0C	AAAAAA8A	6								
CLK 05	01C55555	55555553	006FFFFF	FFFFFFF8	00555555	55555509	01555555	55555554	00	0B	AAAAAA8A	2								
CLK 06	01C6AAAA	AAAAAA8A	00715555	55555554	00555555	55555427	01555555	55555554	00	0B	AAAAAA8A	6								
CLK 07	01C6FFFF	FFFFFFF8	0071AAAA	AAAAAA8A	00555555	5555509C	01555555	55555554	00	0A	AAAAAA8A	2								
CLK 08	01C71555	55555553	0071BFFF	FFFFFFF8	00555555	55554271	01555555	55555554	00	0A	AAAAAA8A	6								
CLK 09	01C71AAA	AAAAAA8A	0071C555	55555554	00555555	555509C7	01555555	55555554	00	09	AAAAAA8A	2								
CLK 10	01C71BFF	FFFFFFF8	0071C6AA	AAAAAA8A	00555555	5554271C	01555555	55555554	00	09	AAAAAA8A	6								
CLK 11	01C71C55	55555553	0071C6FF	FFFFFFF8	00555555	55509C71	01555555	55555554	00	08	AAAAAA8A	2								
CLK 12	01C71C6A	AAAAAA8A	0071C715	55555554	00555555	554271C7	01555555	55555554	00	08	AAAAAA8A	6								
CLK 13	01C71C6F	FFFFFFF8	0071C71A	AAAAAA8A	00555555	5509C71C	01555555	55555554	00	07	AAAAAA8A	2								
CLK 14	01C71C71	55555553	0071C718	FFFFFFF8	00555555	54271C71	01555555	55555554	00	07	AAAAAA8A	6								
CLK 15	01C71C71	AAAAAA8A	0071C71C	55555554	00555555	509C71C7	01555555	55555554	00	06	AAAAAA8A	2								
CLK 16	01C71C71	9FFFFFF8	0071C71C	6AAAAA8A	00555555	4271C71C	01555555	55555554	00	06	AAAAAA8A	6								
CLK 17	01C71C71	C5555553	0071C71C	6FFFFF8A	00555555	09C71C71	01555555	55555554	00	05	AAAAAA8A	2								
CLK 18	01C71C71	C6AAAAA8	0071C71C	71555554																

TEST NB	FC	R	EW	RU1	EWU1						SW	
FML	05	5	250007BE	26264ABE	148F26A0	C1F4286C						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	000007BE	25000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	250007BE	5
PH 02	00264A8E	26000000	000007BE	25000000	007DE000	00000000	00000000	00000000	00	05	26264A8E	0
PH 03	0026524C	C3000000	000007BE	A5000000	007DE000	00000000	00264A8E	26000000	00	05	148F26A0	0
PH 04	0026524C	C1F4286C	000007BE	148F26A0	000564F1	287DE000	00264A8E	26000000	CB	0D	C1F4286C	0
PH 06	000007BE	148F26A0	000007BE	148F26A0	000564F1	287DE000	00264A8E	C1F4286C	CB	0D	C1F4286C	0
CLK 02	00007BE1	48F26A00	00007BE1	48F26A00	000564F1	287DE000	00264A8E	C1F4286C	CA	0C	C1F4286C	0
CLK 03	0007BE14	8F26A000	0007BE14	8F26A000	000564F1	287DE000	00264A8E	C1F4286C	C9	0B	C1F4286C	0
CLK 04	007BE148	F26A0000	007BE148	F26A0000	000564F1	287DE000	00264A8E	C1F4286C	C8	0A	C1F4286C	0
PH 07	00000000	00000000	007BE148	F26A0000	000564F1	287DE000	00264A8E	C1F4286C	C8	0A	C1F4286C	0
CLK 02	00000000	00000000	00000000	00000000	001593C4	A1F78000	004C951D	83E850D8	C8	0A	C1F4286C	6
CLK 03	00000000	00000000	00000000	00000000	00564F12	87DE0000	004C951D	83E850D8	C8	09	C1F4286C	2
CLK 04	004C951D	83E850D8	00000000	00000000	00593C4A	1F780000	004C951D	83E850D8	C8	09	C1F4286C	6
CLK 05	005FBA64	E4E2650E	00132547	60FA1436	0064F128	7DE00000	004C951D	83E850D8	C8	08	C1F4286C	2
CLK 06	006483B6	BD20EA1B	0017EE99	39389943	0093C4A1	F7800001	004C951D	83E850D8	C8	08	C1F4286C	6
CLK 07	003F6B7C	713C62F2	001920ED	AF483A86	004F1287	DE000007	00264A8E	C1F4286C	C8	07	C1F4286C	0
CLK 08	005C6FFC	A0376994	000FDADF	1C4F18BC	003C4A1F	78000010	004C951D	83E850D8	C8	07	C1F4286C	6
CLK 09	001718FF	280DDA65	001719FF	280DDA65	00F1287D	E0000074	004C951D	83E850D8	C8	06	C1F4286C	2
CLK 10	FFDF7C71	080F4E2D	0005C6FF	CA037699	00C4A1F7	800001D2	00264A8E	C1F4286C	C8	06	C1F4286C	5
CLK 11	FFF7DF1C	4203D38B	FFF7DF1C	4203D38B	001287DE	0000074A	004C951D	83E850D8	C8	05	C1F4286C	3
CLK 12	00244255	D2751D4E	FFFDF7C7	1080F4E2	004A1F78	00001D2B	00264A8E	C1F4286C	C8	05	C1F4286C	4
CLK 13	0055A5B2	F885982B	00091095	749D4753	00287DE0	000074AD	004C951D	83E850D8	C8	04	C1F4286C	2
CLK 14	0015696C	BE21660A	0015696C	BE21660A	00A1F780	0001D2B7	004C951D	83E850D8	C8	04	C1F4286C	6
CLK 15	0023A4E9	F17C81EE	00055A5B	2F885982	0087DE00	00074ADD	00264A8E	C1F4286C	C8	03	C1F4286C	0
CLK 16	003133C9	3E5348E7	000AE93A	7C5F207B	001F7800	001D2B75	00264A8E	C1F4286C	C8	03	C1F4286C	4
CLK 17	000C4CF2	4F94D239	000C4CF2	4F94D239	007DE000	0074ADD7	004C951D	83E850D8	C8	02	C1F4286C	2
CLK 18	004FA85A	17CD8566	0003133C	93E5348E	00F78000	01D2B75E	004C951D	83E850D8	C8	02	C1F4286C	6
CLK 19	FFF09F7E	C3FF38ED	0013EA16	85F36159	00DE0000	074ADD79	00264A8E	C1F4286C	C8	01	C1F4286C	7
CLK 20	FFF8B7E1	F0FCE3B8	FFF8B7E1	F0FCE3B8	00780000	1D2B75E6	004C951D	83E850D8	C8	01	C1F4286C	1
CLK 21	FFD88F69	8A43C922	FFFED9F8	7C3FF38E	00E00000	74ADD79B	00264A8E	C1F4286C	C8	00	C1F4286C	1
CLK 22	FFF623D4	6E92F2C8	FFF623D4	6E92F2C8	00800001	D2B75E6D	004C951D	83E850D8	C8	00	C1F4286C	7
CLK 23	004A1E14	1F8D0D8A	FFF088F6	9BA48CB2	00000007	4ADD79B4	004C951D	83E850D8	C8	FF	C1F4286C	2
CLK 24	00128785	07E34362	00128785	07E34362	0000001D	2B75E6D1	004C951D	83E850D8	C8	FF	C1F4286C	6
PH 08	00128785	07E34362	00128785	07E34362	0000001D	2B75E6D1	004C951D	83E850D8	C8	FF	C1F4286C	6
PH 09	00128785	07E34362	00128785	07E34362	0000001D	2B75E6D1	004C951D	83E850D8	C8	FF	07E34362	6
PH 10	00128785	07E34362	00128785	07E34362	0000001D	2B75E6D1	004C951D	83E850D8	C8	FF	08128785	6

TEST NB	FC	R	EW	RU1	EWU1						SW	
FML	06	5	7F000000	7FFFFFFF	00000000	FFFFFFF						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	00000000	7F000000	00000000	00000000	00000000	00000000	00000000	00000000	C8	FF	7F000000	6
PH 02	00FFFFFF	7F000000	00000000	7F000000	00000000	00000000	00000000	00000000	00	05	7FFFFFFF	0
PH 03	01000000	7E000000	00000000	F0000000	00000000	00000000	00FFFFFF	7F000000	00	05	0J000000	0
PH 04	01000000	FFFFFFF	00000000	00000000	00000000	00000000	00FFFFFF	7F000000	7E	0D	FFFFFFF	0
PH 06	00000000	00000000	00000000	00000000	00000000	00000000	00FFFFFF	FFFFFFF	7E	0D	FFFFFFF	0
CLK 02	00000000	00000000	00000000	00000000	00000000	00000000	00FFFFFF	FFFFFFF	7D	0C	FFFFFFF	0
PH 09	00000000	00000000	00000000	00000000	00000000	00000000	00FFFFFF	FFFFFFF	7D	0C	0J000000	0
PH 10	00000000	00000000	00000000	00000000	00000000	00000000	00FFFFFF	FFFFFFF	7D	0C	0J000000	0

TEST NO	FC	R	EW	RU1	EWU1								
FML	08	5	BFFFFFFF	BFFFFFFF	FFFFFFF	FFFFFFF							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 08	00100000	00000000	00100000	00000000	00FFFFFF	FFFFFFC0	FE000000	00000000	E5	FF	FFFFFFF	7	
PH 09	00100000	00000000	00100000	00000000	00FFFFFF	FFFFFFC0	FE000000	00000000	E5	FF	0000000	7	
PH 10	00100000	00000000	00100000	00000000	00FFFFFF	FFFFFFC0	FE000000	00000000	E5	FF	2510000	7	

TEST NO	FC	R	EW	RU1	EWU1								
FML	09	5	4C000000	40000000	00000001	00000001							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00000000	40000000	00000000	00000000	00000000	00000000	00000000	00000000	E5	FF	4000000	7	
PH 02	00000000	40000000	00000000	40000000	00000000	00000000	00000000	00000000	03	05	4000000	0	
PH 03	00000001	00000000	00000000	C0000000	00000000	00000000	00000000	40000000	00	05	0000001	0	
PH 04	00000001	00000001	00000000	00000001	00800000	00000000	00000000	40000000	00	0D	0000001	1	
PH 05	00000000	00000001	00000000	00000001	00800000	00000000	00000000	00000001	00	0D	0000001	0	
CLK 02	00000000	00000010	00000000	00000010	00800000	00000000	00000000	00000001	FF	0D	0000001	C	
CLK 03	00000000	00000010	00000000	00000100	00800000	00000000	00000000	00000001	FE	0D	0000001	0	
CLK 04	00000000	00001000	00000000	00001000	00800000	00000000	00000000	00000001	FD	0D	0000001	C	
CLK 05	00000000	00010000	00000000	00010000	00800000	00000000	00000000	00000001	FC	0D	0000001	C	
CLK 06	00000000	00100000	00000000	00100000	00800000	00000000	00000000	00000001	FB	0D	0000001	0	
CLK 07	00000000	01000000	00000000	01000000	00800000	00000000	00000000	00000001	FA	0D	0000001	C	
CLK 08	00000000	10000000	00000000	10000000	00800000	00000000	00000000	00000001	F9	0D	0000001	0	
CLK 09	00000001	00000000	00000001	00000000	00800000	00000000	00000000	00000001	F8	0D	0000001	0	
CLK 10	00000010	00000000	00000010	00000000	00800000	00000000	00000000	00000001	F7	0D	0000001	0	
CLK 11	00000100	00000000	00000100	00000000	00800000	00000000	00000000	00000001	F6	0D	0000001	0	
CLK 12	00001000	00000000	00001000	00000000	00800000	00000000	00000000	00000001	F5	0D	0000001	0	
CLK 13	00010000	00000000	00010000	00000000	00800000	00000000	00000000	00000001	F4	0D	0000001	0	
CLK 14	00100000	00000000	00100000	00000000	00800000	00000000	00000000	00000001	F3	0D	0000001	1	
PH 06	00000000	00000001	00100000	00000000	00800000	00000000	00000000	00000001	F3	0D	0000001	0	
CLK 02	00000000	00000010	00000000	00000010	00800000	00000000	00100000	00000001	F2	0C	0000001	0	
CLK 03	00000000	00000100	00000000	00000100	00800000	00000000	00100000	00000001	F1	0B	0000001	0	
CLK 04	00000000	00001000	00000000	00001000	00800000	00000000	00100000	00000001	F0	0A	0000001	0	
CLK 05	00000000	00010000	00000000	00010000	00800000	00000000	00100000	00000001	EF	09	0000001	0	
CLK 06	00000000	00100000	00000000	00100000	00800000	00000000	00100000	00000001	EE	08	0000001	0	
CLK 07	00000000	01000000	00000000	01000000	00800000	00000000	00100000	00000001	ED	07	0000001	0	
CLK 08	00000000	10000000	00000000	10000000	00800000	00000000	00100000	00000001	EC	06	0000001	0	
CLK 09	00000001	00000000	00000001	00000000	00800000	00000000	00100000	00000001	EB	05	0000001	0	
CLK 10	00000010	00000000	00000010	00000000	00800000	00000000	00100000	00000001	EA	04	0000001	0	
CLK 11	00000100	00000000	00000100	00000000	00800000	00000000	00100000	00000001	E9	03	0000001	0	
CLK 12	00001000	00000000	00001000	00000000	00800000	00000000	00100000	00000001	E8	02	0000001	0	
CLK 13	00010000	00000000	00010000	00000000	00800000	00000000	00100000	00000001	E7	01	0000001	0	
CLK 14	00100000	00000000	00100000	00000000	00800000	00000000	00100000	00000001	E6	00	0000001	0	
PH 07	00000000	00000000	00100000	00000000	00800000	00000000	00100000	00000001	E6	00	0000001	0	
CLK 02	00100000	00000000	00000000	00000000	00800000	00000000	00100000	00000001	E6	00	0000001	4	
CLK 03	00040000	00000000	00040000	00000000	00000000	00000000	00200000	00000001	E6	FF	0000001	2	
CLK 04	00010000	00000000	00010000	00000000	00000000	00000000	00200000	00000001	E6	FF	0000001	6	
PH 08	00010000	00000000	00010000	00000000	00000000	00000000	00200000	00000001	E6	FF	0000001	6	

TEST N#	FC	R	EW	RU1	EWU1								
FML 09	5	40000000	40000000	00000001	00000001								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 09	00100000	00000000	00100000	00000000	00000000	00000000	00200000	00000000	E5	FF	00000000	6	
PH 10	00100000	00000000	00100000	00000000	00000000	00000000	00200000	00000000	E5	FF	25100000	6	

TEST N#	FC	R	EW	RU1	EWU1								
FML 10	5	FC7CF1CC	7756BA80	80AA9FD4	59C61C18								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	037CF1CC	FC000000	00000000	00000000	00000000	00000000	00000000	00000000	E5	FF	FC7CF1CC	6	
PH 02	0056BA80	77000000	FF7CF1CC	FC000000	00338F3E	00000000	00000000	00000000	00	05	7756BA80	0	
PH 03	FFD3AC4C	FA000000	FF7CF1CC	83000000	00338F3E	00000000	0056BA80	77000000	00	05	80AA9FD4	0	
PH 04	FFD3AC4C	59C61C18	FF7CF1CC	80AA9FD4	002BF955	01338F3E	0056BA80	77000000	FA	0D	59C61C18	1	
PH 07	00000000	00000000	FF7CF1CC	87AA9FD4	002BF955	01338F3E	0056BA80	59C61C18	FA	0D	59C61C18	1	
CLK 02	00000000	00000000	00000000	00000000	00AFE554	04CE3CF8	00AD7500	838C3830	FA	0D	59C61C18	7	
CLK 03	FFA9457F	A639E3E8	00000000	00000000	00BF9550	1338F3E0	0056BA80	59C61C18	FA	0C	59C61C18	1	
CLK 04	FF93960F	8FC85CE2	FFE4515F	E98E78FA	00FE5540	4CE3CF80	0056BA80	59C61C18	FA	0C	59C61C18	5	
CLK 05	003BA038	3DB83350	FFE4E5B7	E3F21738	00F95501	338F3E01	0056BA80	59C61C18	FA	0B	59C61C18	0	
CLK 06	000EE80E	0F6E0CD4	000EE80E	0F6E0CD4	00E55404	CE3CF804	00AD7500	838C3830	FA	08	59C61C18	6	
CLK 07	0003BA03	83DB8335	0003BA03	83DB8335	00955013	38F3E010	00AD7500	838C3830	FA	0A	59C61C18	2	
CLK 08	00AE6381	948318FD	0000EE80	E0F6E0CD	0055404C	E3CF8042	00AD7500	838C3830	FA	0A	59C61C18	6	
CLK 09	00825360	8EE6E257	002B98E0	6520C63F	00550133	8F3E010A	0056BA80	59C61C18	FA	09	59C61C18	0	
CLK 10	00774F58	897FD4AD	002094D8	2FB98895	005404CE	3CF8042B	0056BA80	59C61C18	FA	09	59C61C18	4	
CLK 11	00748E56	7C261143	001DD3D6	225FF52B	00501338	F3E010AE	0056BA80	59C61C18	FA	08	59C61C18	0	
CLK 12	0073DE15	F8CFA068	001D2395	9F098450	0040ACE3	CF8042B9	0056BA80	59C61C18	FA	08	59C61C18	4	
CLK 13	0073R205	D7FA0432	001CF785	7E33E81A	0001338F	3E010AEC	0056BA80	59C61C18	FA	07	59C61C18	0	
CLK 14	FFC63201	1C3864F4	001CEC81	75FE810C	0004CE3C	F8042BB1	0056BA80	59C61C18	FA	07	59C61C18	5	
CLK 15	FFF18C80	470E1930	FFF18C80	470E1930	001338F3	E010AEC4	00AD7500	838C3830	FA	06	59C61C18	3	
CLK 16	FFFC6320	11C3864F	FFFC6320	11C3864F	004CE3CF	8042BB12	00AD7500	838C3830	FA	06	59C61C18	7	
CLK 17	00AC8DC8	B7FD19C3	FFFF18C8	0470E193	00338F3E	010AEC4B	00AD7500	838C3830	FA	05	59C61C18	2	
CLK 18	FFD468F1	D4392A58	002B2372	2HFF4670	00CE3CF8	042BB12F	0056BA80	59C61C18	FA	05	59C61C18	5	
CLK 19	004B049C	CE0466AE	FFF51A3C	750E4A96	0038F3E0	10AEC4BC	0056BA80	59C61C18	FA	04	59C61C18	0	
CLK 20	FFBC3AAE	D9EFF093	0012F52F	338519A8	00E3CF80	42BB12F1	0056BA80	59C61C18	FA	04	59C61C18	5	
CLK 21	0045C92C	1041D47C	FFFE0EAB	H67B9F64	008F3E01	0AEC4BC7	0056BA80	59C61C18	FA	03	59C61C18	0	
CLK 22	008EE74B	B79CAF0F	0011724B	0410760F	003CF804	2BB12F1C	00AD7500	838C3830	FA	03	59C61C18	6	
CLK 23	FFD8FF52	94210FAB	002FB9D2	ED728C3	00F3E010	AEC4BC73	0056BA80	59C61C18	FA	02	59C61C18	1	
CLK 24	004CF454	FECE6002	FFF63FD4	A50843EA	00CF8042	BB12F1CF	0056BA80	59C61C18	FA	02	59C61C18	4	
CLK 25	00133E95	3FB39800	00133E95	3FB39800	003E010A	EC4BC73D	00AD7500	838C3830	FA	01	59C61C18	2	
CLK 26	FFAE1524	F626C9E8	0004CF45	4FECE600	00F8042B	B12F1CF4	0056BA80	59C61C18	FA	01	59C61C18	5	
CLK 27	00423FC9	974FCE92	FFEB8549	3089827A	00E010AE	C4BC73D0	0056BA80	59C61C18	FA	00	59C61C18	0	
CLK 28	00108FF2	65D3F3A4	00108FF2	65D3F3A4	008042BB	12F1CF41	00AD7500	838C3830	FA	00	59C61C18	6	
CLK 29	008198FD	4D013519	000423FC	9974FCE9	00010AEC	4BC73D04	00AD7500	838C3830	FA	FF	59C61C18	2	
CLK 30	002C663F	53404D46	002C663F	53404D46	00042BB1	2F1CF412	00AD7500	838C3830	FA	FF	59C61C18	6	
PH 08	002C663F	53404D46	002C663F	53404D46	00042BB1	2F1CF412	00AD7500	838C3830	FA	FF	59C61C18	6	
PH 09	FFD399C0	ACBFB2BA	002C663F	53404D46	00042BB1	2F1CF412	00AD7500	838C3830	FA	FF	ACBFB2BA	6	
PH 10	FFD399C0	ACBFB2BA	002C663F	53404D46	00042BB1	2F1CF412	00AD7500	838C3830	05	FF	C5D399C0	6	

TEST N#	FC	R	EW	RU1	EWU1							
FML 11	5	F1C3C731	3F01FC03	7F56BA80	70000000							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	03C3C731	F1000000	00000000	00000000	00000000	00000000	00000000	00000000	05	FF	F1C3C731	6
PH 02	0001FC03	3F000000	FFC3C731	F1000000	008CE3C3	00000000	00000000	00000000	00	05	3F01FC03	0
PH 03	FFC5C334	CD000000	FFC3C731	8E000000	008CE3C3	00000000	0001FC03	3F000000	00	05	7F56BA80	0
PH 04	FFC5C334	70000000	FFC3C731	7F56BA80	00015D6A	FE8CE3C3	0001FC03	3F000000	CD	0D	70000000	1
PH 05	0001FC03	70000000	FFC3C731	7F56BA80	00015D6A	FE8CE3C3	0001FC03	70000000	CD	0D	70000000	0
CLK 02	001FC037	00000000	001FC037	00000000	00015D6A	FE8CE3C3	FFC3C731	7F56BA80	CC	0D	70000000	1
PH 06	003C38CE	80A94580	001FC037	00000000	00015D6A	FE8CE3C3	FFC3C731	7F56BA80	CC	0D	70000000	0
PH 07	00000000	00000000	003C38CE	80A94580	00015D6A	FE8CE3C3	001FC037	00000000	CC	0D	70000000	1
CLK 02	00000000	00000000	00000000	00000000	000575AB	FA338F0C	003F806E	00000000	CC	0D	70000000	7
CLK 03	00000000	00000000	00000000	00000000	0015D6AF	E8CE3C30	003F806E	00000000	CC	0C	70000000	3
CLK 04	00000000	00000000	00000000	00000000	00575ABF	A338F0C0	003F806E	00000000	CC	0C	70000000	7
CLK 05	003F806E	00000000	00000000	00000000	005D6AFE	8CE3C300	003F806E	00000000	CC	0B	70000000	2
CLK 06	002FA052	80000000	00FE01B	80000000	0075ABFA	338F0C00	001FC037	00000000	CC	0B	70000000	4
CLK 07	002BA84B	A0000000	000BE814	A0000000	00D6AFEB	CE3C3000	001FC037	00000000	CC	0A	70000000	0
CLK 08	000AE12	E8000000	000AE12	E8000000	005ABFA3	38F0C000	003F806E	00000000	CC	0A	70000000	6
CLK 09	00227AB8	BA000000	0002BA84	BA000000	006AFE8C	E3C30000	001FC037	00000000	CC	09	70000000	0
CLK 10	00285E55	EE800000	00089EAE	EE800000	00ABFA33	8F0C0000	001FC037	00000000	CC	09	70000000	4
CLK 11	00499827	7BA00000	000A1789	7BA00000	00AFE8CE	3C300000	003F806E	00000000	CC	08	70000000	2
CLK 12	0051E677	DEE80000	00126609	DEE80000	008FA338	F0C00000	003F806E	00000000	CC	08	70000000	6
CLK 13	0053FA0B	F7BA0000	0014799D	F7BA0000	00FE8CE3	C3000000	003F806E	00000000	CC	07	70000000	2
CLK 14	0014FE82	FDEE8000	0014FE82	FDEE8000	00FA338F	0C000000	003F806E	00000000	CC	07	70000000	6
CLK 15	00053FA0	BF7BA000	00053FA0	BF7BA000	00E8CE3C	30000000	003F806E	00000000	CC	06	70000000	2
CLK 16	00014FE8	2FDEE800	00014FE8	2FDEE800	00A338F0	C0000000	003F806E	00000000	CC	06	70000000	6
CLK 17	003FD468	0BF7BA00	000053FA	0BF7BA00	008CE3C3	00000000	003F806E	00000000	CC	05	70000000	2
CLK 18	004F7588	02FDEE80	000FF51A	02FDEE80	00338F0C	00000000	003F806E	00000000	CC	05	70000000	6
CLK 19	FFF41D2B	00BF7BA0	0013DD62	00BF7BA0	00CE3C30	00000000	001FC037	00000000	CC	04	70000000	1
CLK 20	001CC781	C02FDEE8	FFF0074A	C02FDEE8	0038F0C0	00000000	001FC037	00000000	CC	04	70000000	4
CLK 21	FFE771A9	700BF7BA	000731E0	700BF7BA	00E3C300	00000000	001FC037	00000000	CC	03	70000000	1
CLK 22	00199CA1	5C02FDEE	FFF9DC6A	5C02FDEE	008F0C00	00000001	001FC037	00000000	CC	03	70000000	4
CLK 23	0045E796	5700BF7B	00066728	5700BF7B	003C3000	00000005	003F806E	00000000	CC	02	70000000	2
CLK 24	FFF189AE	95C02FDE	001179E5	95C02FDE	00F0C000	00000017	001FC037	00000000	CC	02	70000000	5
CLK 25	001C2EA2	A5700BF7	FFF66E6B	A5700BF7	00C30000	0000005D	001FC037	00000000	CC	01	70000000	0
CLK 26	00070BA8	A95C02FD	00070BA8	A95C02FD	000C0000	00000177	003F806E	00000000	CC	01	70000000	6
CLK 27	FFE20283	2A5700BF	0001C2EA	2A5700BF	00300000	000005DE	001FC037	00000000	CC	00	70000000	1
CLK 28	FFF880AC	CA95C02F	FFF880AC	CA95C02F	00C00000	0000177B	003F806E	00000000	CC	00	70000000	7
CLK 29	0013E062	32A5700B	FFF20283	32A5700B	00000000	00005DEF	001FC037	00000000	CC	FF	70000000	0
CLK 30	00077818	8CA95C02	00077818	8CA95C02	00000000	000177BF	003F806E	00000000	CC	FF	70000000	6

TEST N#	FC	R	EW	RU1	EWU1							
FML 11	5	F1C3C731	3F01FC03	7F56BA80	70000000							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 08	00077818	8CA95C02	00077818	8CA95C02	00000000	000177BF	003F806E	00000000	CC	FF	70000000	6
PH 09	FF887E77	356A3FD1	00778188	CA95C02F	00000000	000177BF	003F806E	00000000	CB	FF	356A3FD1	6
PH 10	FF887E77	356A3FD1	00778188	CA95C02F	00000000	000177BF	003F806E	00000000	34	FF	F4887E77	6

TEST	NB	FC	R	EW	RU1	EWU1								
FML	14	5	C05B3C70	E1C4C737	7CF5C8E1	42468ACE								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	035B3C70	C0000000	00000000	00000000	00000000	00000000	00000000	00000000	FE	FF	C05B3C70	4		
PH 02	03C4C737	E1000000	FF5B3C70	C0000000	000E3CDA	00000000	00000000	00000000	00	05	E1C4C737	0		
PH 03	FF967538	D0800000	FF5B3C70	B2000000	000E3CDA	00000000	FFC4C737	E1800000	00	05	7CF5C8E1	0		
PH 04	FF967538	42468ACE	FF5B3C70	7CF5C8E1	008713AF	3E0E3CDA	FFC4C737	E1800000	00	00	42468ACE	0		
PH 07	00000000	00000000	FF5B3C70	7CF5C8E1	008713AF	3E0E3CDA	FFC4C737	42468ACE	00	00	42468ACE	0		
CLK 02	FFC4C737	42468ACE	00000000	00000000	001C4EBC	F838F368	FFC4C737	42468ACE	00	00	42468ACE	4		
CLK 03	FFF131CD	D091A2B3	FFF131CD	D091A2B3	00713AF3	E0E3CDA1	FF898E6E	848D159C	00	0C	42468ACE	2		
CLK 04	FF85DAE1	F8B17E48	FFFC4C73	742468AC	00C4EBCF	838F3687	FF898E6E	848D159C	00	0C	42468ACE	6		
CLK 05	001CAF81	3BE5D4C4	FFE17698	7E2C5F92	0013AF3E	0E3CDA1C	FFC4C737	42468ACE	00	0B	42468ACE	1		
CLK 06	FFCBF317	913FFFFF	00072BE0	4EF97531	004EBCF8	38F36870	FFC4C737	42468ACE	00	0B	42468ACE	4		
CLK 07	FFC78834	68DD1598	FF2FC0C5	E44FFFFF	003AF3E0	E3CDA1C3	FF898E6E	848D159C	00	0A	42468ACE	2		
CLK 08	FFDF22CD	1A374566	FFDF22CD	1A374566	00EBCF83	8F36870F	FF898E6E	848D159C	00	0A	42468ACE	6		
CLK 09	00303170	0447468B	FFF7C8B3	468DD159	00AF3E0E	3CDA1C3D	FFC4C737	42468ACE	00	09	42468ACE	1		
CLK 10	FF964ECD	859EE73E	000CC05F	0111D1A2	00CF838F	F36870F7	FF898E6E	848D159C	00	09	42468ACE	6		
CLK 11	FFA5A5EA	A3AE449D	FFE593B3	6167B9CF	00F3E0E3	CD1C3DD0	FFC4C737	42468ACE	00	08	42468ACE	0		
CLK 12	0025CF83	66A50659	FFE9698A	A8E89127	00CF838F	36870F76	FFC4C737	42468ACE	00	08	42468ACE	5		
CLK 13	000973E0	D9A94196	000973E0	D9A94196	003E0E3C	DA1C3DDA	FF898E6E	848D159C	00	07	42468ACE	3		
CLK 14	FFC7242F	78B0DB33	00025CF8	366A5065	00F838F3	6870F769	FFC4C737	42468ACE	00	07	42468ACE	4		
CLK 15	002001D4	93E5ARFE	FFF1C90B	DE2C36CC	00E0E3C0	A1C3DDA7	FFC4C737	42468ACE	00	06	42468ACE	1		
CLK 16	00084075	26F96AFF	00084075	26F96AFF	00838F36	870F769D	FF898E6E	848D159C	00	06	42468ACE	7		
CLK 17	FF8C5E8B	CE4R7058	0002D01D	49BE5ABF	00E3CDA1	1C3DDA77	FF898E6E	848D159C	00	05	42468ACE	2		
CLK 18	FFE317A2	F392DC16	FFE317A2	F392DC16	0038F368	70F769DF	FF898E6E	848D159C	00	05	42468ACE	6		
CLK 19	FFF8C5E8	BCE4B705	FFF8C5E8	BCE4B705	00E3CDA1	C3DDA77D	FF898E6E	848D159C	00	04	42468ACE	2		
CLK 20	00396A42	ECF2A2F3	FFF3E17A	2F392DC1	008F3687	0F769DF6	FFC4C737	42468ACE	00	04	42468ACE	5		
CLK 21	FF97E8FF	3FC98E58	000E5A90	8B3CA88C	003CDA1C	3DDA77DB	FF898E6E	848D159C	00	03	42468ACE	2		
CLK 22	FF5F5A3F	CFE26F96	FFE5FA3F	CFE26F96	00F36870	F769DF6C	FF898E6E	848D159C	00	03	42468ACE	6		
CLK 23	0034B758	B1B61117	FFF97E8F	F3FC98E5	00CDA1C3	DDA77DB1	FFC4C737	42468ACE	00	02	42468ACE	1		
CLK 24	00002D06	7C608445	00002D06	7C608445	0036870F	769DF6C7	FF898E6E	848D159C	00	02	42468ACE	7		
CLK 25	FFC812AC	CD61E8DF	00034375	8B1B6111	00DA1C3D	DA77DB1E	FFC4C737	42468ACE	00	01	42468ACE	0		
CLK 26	002D3D73	F111F029	FFF204AB	33587AF7	006870F7	69DF6C7B	FFC4C737	42468ACE	00	01	42468ACE	5		
CLK 27	00468825	B9FDF13C	000B4F5C	FC447C0A	00A1C3DD	A77DB1EE	FFC4C737	42468ACE	00	00	42468ACE	1		
CLK 28	FF983077	3FC091E8	0011A209	6E7F7C4F	00870F76	9DF6C7B8	FF898E6E	848D159C	00	00	42468ACE	6		
CLK 29	FFA89355	F309AF4B	FFE6CC1D	FC3247A	001C3DDA	77DB1E33	FFC4C737	42468ACE	00	FF	42468ACE	0		
CLK 30	00261D9E	0D7BE104	FFEAE4D5	4FC26B02	0070F769	DF6C7B8C	FFC4C737	42468ACE	00	FF	42468ACE	5		
PH 08	00261D9E	0D7BE104	00261D9E	0D7BE104	0070F769	DF6C7B8C	FFC4C737	42468ACE	00	FF	42468ACE	5		
PH 09	00261D9E	0D7BE104	00261D9E	0D7BE104	0070F769	DF6C7B8C	FFC4C737	42468ACE	00	FF	0D7BE104	5		
PH 10	00261D9E	0D7BE104	00261D9E	0D7BE104	0070F769	DF6C7B8C	FFC4C737	42468ACE	00	FF	10261D9E	5		

TEST	NB	FC	R	EW	RU1	EWU1								
FML	15	5	50012345	060789AB	8C178F32	258BCDEF								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	00012345	50000000	00000000	00000000	00000000	00000000	00000000	00000000	00	FF	50012345	5		
PH 02	000789AB	06000000	00012345	50000000	00A2C480	00000000	00000000	00000000	00	05	060789AB	0		
PH 03	0008ACF0	D6000000	00012345	00000000	00A2C480	00000000	000789AB	06000000	00	05	8C178F32	0		
PH 04	0008ACF0	258BCDEF	00012345	8C178F32	004CF1E8	31A2C480	000789AB	06000000	06	0D	258BCDEF	1		
PH 05	000789AB	258BCDEF	00012345	8C178F32	004CF1E8	31A2C480	000789AB	258BCDEF	06	0D	258BCDEF	0		
CLK 02	00789AB2	58BCDEF0	00789AB2	58BCDEF0	004CF1E8	31A2C480	00012345	8C178F32	05	0D	258BCDEF	1		
PH 06	00012345	8C178F32	00789AB2	58BCDEF0	004CF1E8	31A2C480	00012345	8C178F32	05	0D	258BCDEF	0		
CLK 02	00123458	C178F320	00123458	C178F320	004CF1E8	31A2C480	00789AB2	58BCDEF0	04	0C	258BCDEF	0		
PH 07	00000000	00000000	00123458	C178F320	004CF1E8	31A2C480	00789AB2	58BCDEF0	04	0C	258BCDEF	0		
CLK 02	00F13564	B179BDE0	00000000	00000000	0033C7A0	C6831200	00F13564	B179BDE0	04	0C	258BCDEF	6		
CLK 03	003C4059	2C5E6F78	003C4059	2C5E6F78	00CF1E83	1A2C4800	00F13564	B179BDE0	04	0B	258BCDEF	2		
CLK 04	FF9678A3	F25A8CEE	000F1356	4B179BDE	003C7A0C	68B12000	00789AB2	58BCDEF0	04	0B	258BCDEF	5		
CLK 05	005E38D3	55538E2B	FFE59E28	FC96AF38	00F1E831	A2C48001	00789AB2	58BCDEF0	04	0A	258BCDEF	0		
CLK 06	FF9EF384	7C93049A	00178E36	D554E38A	007A0C6	8B120007	00789AB2	58BCDEF0	04	0A	258BCDEF	5		
CLK 07	FFE7BCE1	1F260126	FFE7BCE1	1F260126	001E831A	2C48001D	00F13564	B179BDE0	04	09	258BCDEF	3		
CLK 08	007289EA	A0865F39	FFF9EF38	47C98049	007A0C68	B1200075	00789AB2	58BCDEF0	04	09	258BCDEF	4		
CLK 09	010DD7DF	599355AE	001CA27A	A82197CE	00E831A2	C48001D6	00F13564	B179BDE0	04	08	258BCDEF	2		
CLK 10	FFC0DBA5	7DA9F67B	004375F7	D666056B	00A0C648	12000759	00789AB2	58BCDEF0	04	08	258BCDEF	5		
CLK 11	00E3EC36	10E43B7E	FFF286D1	5F6A7D9E	00831A2C	48001D67	00F13564	B179BDE0	04	07	258BCDEF	2		
CLK 12	0081959F	DCF5EDCF	0038FB0D	84390EDF	000C68B1	2000759D	00789AB2	58BCDEF0	04	07	258BCDEF	4		
CLK 13	002C656F	F73D7B73	002C656F	F73D7B73	0031A2C4	8001D677	00F13564	B179BDE0	04	06	258BCDEF	2		
CLK 14	000B1953	FDCF5EDC	000B1953	FDCF5EDC	00C68B12	000759DF	00F13564	B179BDE0	04	06	258BCDEF	6		
CLK 15	FF8A2BA4	A686F8C7	0002C656	FF73D7B7	001A2C48	001D677C	00789AB2	58BCDEF0	04	05	258BCDEF	1		
CLK 16	00532598	826A9D21	FFE28AE9	29A0B3E1	0068B120	00759DF3	00789AB2	58BCDEF0	04	05	258BCDEF	4		
CLK 17	0107FFC8	92146528	0016C966	F09AA748	00A2C480	010677CE	00F13564	B179BDE0	04	04	258BCDEF	2		
CLK 18	00A9A465	3D41F83A	0041FF32	E485194A	00831200	0759DF38	00789AB2	58BCDEF0	04	04	258BCDEF	4		
CLK 19	00A7414B	A80D5CFE	002EA699	4F507E0E	002C4800	1D677CE1	00789AB2	58BCDEF0	04	03	258BCDEF	0		
CLK 20	0029D052	EA03573F	0029D052	EA03573F	00312000	759DF385	00F13564	B179BDE0	04	03	258BCDEF	6		
CLK 21	00830CE7	133D848F	000A7414	BA80D5CF	00C48001	D677CE17	00789AB2	58BCDEF0	04	02	258BCDEF	0		
CLK 22	FFA828FF	6C128E3F	0020C3B1	C4CF6D2F	00120007	59DF385F	00789AB2	58BCDEF0	04	02	258BCDEF	5		
CLK 23	0062A442	F3C1827F	FFEAD0A3	DR04A38F	0048001D	677CE17F	00789AB2	58BCDEF0	04	01	258BCDEF	0		
CLK 24	0109DEA1	3E6A1E7F	0018A93C	8CF0609F	00200075	9DF385FF	00F13564							

TEST	NO	FC	R	EW	RU1	EWU1						
FML	15	5	50012345	060789AB	8C178F32	258BCDEF						
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 09	0089389C	6CA380D7	0089389C	6CA380D7	0000759D	F385FFFE	00F13564	B179BDE0	D3	FF	6CA380D7	6
PH 10	0089389C	6CA380D7	0089389C	6CA380D7	0000759D	F385FFFE	00F13564	B179BDE0	D3	FF	1389389C	6

TEST	NO	FC	R	EW	RU1	EWU1						
FML	16	5	89ABCDEF	0056AE37	634AC271	BF258BE1						
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	03ABCDEF	89000000	00000000	00000000	00000000	00000000	00000000	00000000	D3	FF	89ABCDEF	6
PH 02	0056AE37	00000000	FFABCDEF	89000000	00F7B3D5	00000000	00000000	00000000	00	05	0056AE37	0
PH 03	00027C26	F6000000	FFABCDEF	F6000000	00F7B3D5	00000000	0056AE37	00000000	00	05	634AC271	0
PH 04	00027C26	BF258BE1	FFABCDEF	634AC271	008E4352	C6F7B3D5	0056AE37	00000000	F6	0D	BF258BE1	1
PH 07	00000000	00000000	FFABCDEF	634AC271	008E4352	C6F7B3D5	0056AE37	BF258BE1	F6	0D	BF258BE1	1
CLK 02	FFA951C8	40DA741F	00000000	00000000	00390D43	18DECF54	0056AE37	BF258BE1	F6	0D	BF258BE1	5
CLK 03	FFFA5472	10369D07	FFFA5472	10369D07	00E4352C	6F7B3D53	00AD5C6F	7E4B17C2	F6	0C	BF258BE1	3
CLK 04	00514354	43333322	FFFA951C	840DA741	0090DA81	BDECF54F	0056AE37	BF258BE1	F6	0C	BF258BE1	4
CLK 05	00C1AD44	8F17E48A	001450D5	10CCCCC8	004352C6	F7B3D53D	00AD5C6F	7E4B17C2	F6	0B	BF258BE1	2
CLK 06	00871988	E2E38503	00306951	23C5F922	000DA81B	DECF54F5	0056AE37	BF258BE1	F6	0B	BF258BE1	4
CLK 07	FFCB182A	7995555F	0021C662	388AE140	00352C6F	783D53D7	0056AE37	BF258BE1	F6	0A	BF258BE1	1
CLK 08	FFF2C60A	9E655557	FFF2C60A	9E655557	00DA81BD	ECF54F5F	00AD5C6F	7E4B17C2	F6	0A	BF258BE1	7
CLK 09	00535F8A	668EE136	FFFCB182	A7995555	0052C6F7	B3D53D7F	0056AE37	BF258BE1	F6	09	BF258BE1	0
CLK 10	006B8626	58D5442E	0014D7EE	99AF884D	004B1BDE	CF54F5FD	0056AE37	BF258BE1	F6	09	BF258BE1	4
CLK 11	00718FC1	555ADCEC	001AE189	96355108	002C6F7B	3D53D7F5	0056AE37	BF258BE1	F6	08	BF258BE1	0
CLK 12	FFC5A588	9631295A	001C63F0	5556B73B	00B1BDEC	54F5FD4	0056AE37	BF258BE1	F6	08	BF258BE1	5
CLK 13	FF9ABF36	666BE8F5	FFF16D6E	258C4AD6	00C6F7B3	D53D7F51	0056AE37	BF258BE1	F6	07	BF258BE1	1
CLK 14	003D5E05	588F389E	FFE6AFC0	9999AFBD	0013DCEC	54F5FD46	0056AE37	BF258BE1	F6	07	BF258BE1	4
CLK 15	FFB8A949	970A4306	000F5781	562FCEE7	006F7B3D	53D7F519	0056AE37	BF258BE1	F6	06	BF258BE1	1
CLK 16	009826C1	E40DA883	FFEE2A52	65C290C1	009DECF5	4F5FD465	00AD5C6F	7E4B17C2	F6	06	BF258BE1	6
CLK 17	00D43E1F	F74E81E2	0026E180	79036A20	00F7B3D5	3D7F5197	00AD5C6F	7E4B17C2	F6	05	BF258BE1	2
CLK 18	00350F87	FDD3A078	00350F87	FDD3A078	00DECF54	F5FD465D	00AD5C6F	7E4B17C2	F6	05	BF258BE1	6
CLK 19	000D43E1	FF74E81E	000D43E1	FF74E81E	00733D53	D7F51974	00AD5C6F	7E4B17C2	F6	04	BF258BE1	2
CLK 20	0059FF30	3F02C5E8	000350F8	7FD03A07	00ECF54F	5FD465D1	0056AE37	BF258BE1	F6	04	BF258BE1	4
CLK 21	00167FCC	0FC0B17A	00167FCC	0FC0B17A	00B3D53D	7F519744	00AD5C6F	7E4B17C2	F6	03	BF258BE1	2
CLK 22	00B2FC62	8238442D	00059FF3	03F02C5E	00CF54F5	FD465D11	00AD5C6F	7E4B17C2	F6	03	BF258BE1	6
CLK 23	002CBF18	A08ED108	002CBF18	A08ED108	003D53D7	F5197444	00AD5C6F	7E4B17C2	F6	02	BF258BE1	2
CLK 24	FFB4818E	68FE2861	00082FC6	28238442	00F54F5F	D465D110	0056AE37	BF258BE1	F6	02	BF258BE1	5
CLK 25	0043CE9B	596515F9	FFED2063	9A3F8A18	00D53D7F	51974442	0056AE37	BF258BE1	F6	01	BF258BE1	0
CLK 26	0010F3A6	D659457E	0010F3A6	D659457E	0054F5FD	465D110A	00AD5C6F	7E4B17C2	F6	01	BF258BE1	6
CLK 27	005AE821	748D0740	00043CE9	8596515F	0053D7F5	19744429	0056AE37	BF258BE1	F6	00	BF258BE1	0
CLK 28	006D6900	C548331	0016RAC8	5D2EF750	004F5FD4	65D110A4	0056AE37	BF258BE1	F6	00	BF258BE1	4
CLK 29	00729877	1C3AACAD	001B5A40	071520CC	003D7F51	97444292	0056AE37	BF258BE1	F6	FF	BF258BE1	0
CLK 30	001C821D	F18EAB2B	001C821D	F18EAB2B	00F5FD46	5D110A4A	00AD5C6F	7E4B17C2	F6	FF	BF258BE1	6
PH 08	001C821D	F18EAB2B	001C821D	F18EAB2B	00F5FD46	5D110A4A	00AD5C6F	7E4B17C2	F6	FF	BF258BE1	6
PH 09	FFE37DE2	0E7154D5	001C821D	F18EAB2B	00F5FD46	5D110A4A	00AD5C6F	7E4B17C2	F6	FF	0E7154D5	6
PH 10	FFE37DE2	0E7154D5	001C821D	F18EAB2B	00F5FD46	5D110A4A	00AD5C6F	7E4B17C2	09	FF	C9E37DE2	6

TEST NO	FC	R	EW	RU1	EWU1							
FML 17	5	BF1357BD	FD0369CF	E486C662	F147AD03							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	031357BD	BF000000	00000000	00000000	00000000	00000000	00000000	00000000	09	FF	BF1357BD	6
PH 02	030369CF	FD000000	FF1357BD	BF000000	003DEAC8	00000000	00000000	00000000	00	05	FD0369CF	0
PH 03	000FEDED	C2800000	FF1357BD	C0000000	00BDEAC8	00000000	FF0369CF	FD800000	00	05	E486C662	0
PH 04	000FEDED	F147AD03	FF1357BD	E486C662	00466361	27BDEAC8	FF0369CF	FD800000	C2	0D	F147AD03	0
PH 07	00000000	00000000	FF1357BD	E486C662	00466361	27BDEAC8	FF0369CF	F147AD03	C2	0D	F147AD03	0
CLK 02	FE06D39F	E28F5A06	00000000	00000000	00198D84	9EF7AB20	FE06D39F	E28F5A06	C2	0D	F147AD03	6
CLK 03	FF81B4E7	F8A3D681	FF81B4E7	F8A3D681	00663612	7BDEAC81	FE06D39F	E28F5A06	C2	0C	F147AD03	2
CLK 04	FDE740D9	E0884FA6	FFE06D39	FE28F5A0	0098D849	EF7AB206	FE06D39F	E28F5A06	C2	0C	F147AD03	6
CLK 05	FE7D3A06	6975C0EC	FF79D036	782E13E9	00636127	BDEAC819	FF0369CF	F147AD03	C2	0B	F147AD03	0
CLK 06	FE462221	7CECC4A1	FF9F4E81	9A5D703B	008D849E	F7AB2064	FE06D39F	E28F5A06	C2	0B	F147AD03	6
CLK 07	FE46CF28	5082DF93	FF698888	5F3B3290	0036127B	DEAC8192	FF0369CF	F147AD03	C2	0A	F147AD03	0
CLK 08	FF9B3C96	1420B7E4	FF9B3C96	1420B7E4	00D849EF	7AB20643	FE06D39F	E28F5A06	C2	0A	F147AD03	6
CLK 09	00E36555	93C080F6	FFE6CF25	85082DF9	006127BD	EAC8192C	FF0369CF	F147AD03	C2	09	F147AD03	1
CLK 10	01356F85	73A8733A	0038D955	64F0203D	00849EF7	AB206481	FF0369CF	F147AD03	C2	09	F147AD03	5
CLK 11	FE542F81	3F7976D4	004D58E1	5CEA1CCE	00127BDE	AC8192C5	FE06D39F	E28F5A06	C2	08	F147AD03	2
CLK 12	FF9508E0	4FDE50B5	FF9508E0	4FDE50B5	0049EF7A	82064814	FE06D39F	E28F5A06	C2	08	F147AD03	6
CLK 13	FDEC1697	F686F173	FFE542F8	13F7976D	0027BDEA	C8192C52	FE06D39F	E28F5A06	C2	07	F147AD03	2
CLK 14	FF7B05A5	FDA1BC5C	FF7B05A5	FDA1BC5C	009EF7AB	20648143	FE06D39F	E28F5A06	C2	07	F147AD03	6
CLK 15	FE22B399	70B01C1A	FFDEC169	7F866F17	0073DEAC	8192C52C	FF0369CF	F147AD03	C2	06	F147AD03	0
CLK 16	FDBF5E6E	3EBB610C	FFB88AEC	5C2C0706	00EF7AB2	064814B1	FE06D39F	E28F5A06	C2	06	F147AD03	6
CLK 17	006C60CB	9E672940	FF6FD79B	8FAED843	00BDEAC8	192C52C4	FF0369CF	F147AD03	C2	05	F147AD03	1
CLK 18	FE21EF12	CA2924D6	00181B72	E799CAD0	00F7AB20	64814B10	FE06D39F	E28F5A06	C2	05	F147AD03	6
CLK 19	008511F4	C1429C32	FF8878C4	828A4935	00DEAC81	92C52C41	FF0369CF	F147AD03	C2	04	F147AD03	1
CLK 20	0021447D	3050A70C	0021447D	3050A70C	007AB206	48148105	FE06D39F	E28F5A06	C2	04	F147AD03	7
CLK 21	0104E74F	5ACC7CC0	0008511F	4C1429C3	00EAC819	2C52C414	FF0369CF	F147AD03	C2	03	F147AD03	1
CLK 22	004139D3	D6B31F30	004139D3	D6B31F30	00AB2064	B1481050	FE06D39F	E28F5A06	C2	03	F147AD03	7
CLK 23	FE172214	D83C21D2	00104E74	F5ACC7CC	00AC8192	C52C4140	FE06D39F	E28F5A06	C2	02	F147AD03	2
CLK 24	FE893255	27868577	FF85C885	360F0874	00B20643	14810501	FF0369CF	F147AD03	C2	02	F147AD03	4
CLK 25	FEA5B665	381D5A60	FFA24C95	49D5AD5D	00C8192C	52C41407	FF0369CF	F147AD03	C2	01	F147AD03	0
CLK 26	00A603C9	5D7FA995	FFA96D99	4EC75698	00206481	4810501C	FF0369CF	F147AD03	C2	01	F147AD03	5
CLK 27	FF2CEAC2	48A79768	002980F2	575FEA65	008192C5	2C414072	FF0369CF	F147AD03	C2	00	F147AD03	0
CLK 28	FFCEA480	837192D0	FFCB3A90	9229E5DA	00064314	B10501C8	FF0369CF	F147AD03	C2	00	F147AD03	4
CLK 29	FFA3A920	20DC64B7	FFB3A920	20DC64B7	00192C52	C4140722	FE06D39F	E28F5A06	C2	FF	F147AD03	2
CLK 30	00E98078	16EF6C2A	FFECEA48	0837192D	0064814B	10501C8B	FF0369CF	F147AD03	C2	FF	F147AD03	5
PH 08	00E98078	16EF6C2A	00E98078	16EF6C2A	0064814B	10501C8B	FF0369CF	F147AD03	C2	FF	F147AD03	5
PH 09	00E98078	16EF6C2A	00E98078	16EF6C2A	0064814B	10501C8B	FF0369CF	F147AD03	C2	FF	16EF6C2A	5
PH 10	00E98078	16EF6C2A	00E98078	16EF6C2A	0064814B	10501C8B	FF0369CF	F147AD03	C2	FF	02E98078	5

TEST NO	FC	R	EW	RU1	EWU1							
FML 18	5	E2006AE3	61008BF3	5A5ACF3B	7B27C16B							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	03008BF3	E2006AE3	00000000	00000000	00000000	00000000	00000000	00000000	C2	FF	E2006AE3	5
PH 02	00008BF3	61000000	FF006AE3	E2000000	00C75600	00000000	00000000	00000000	00	05	61008BF3	0
PH 03	FF00F6D6	FE000000	FF006AE3	9D000000	00C75600	00000000	00008BF3	61000000	00	05	5A5ACF3B	0
PH 04	FF00F6D6	7B27C16B	FF006AE3	5A5ACF3B	00DCF35A	5AC75600	00008BF3	61000000	FE	0D	7B27C16B	1
PH 05	00008BF3	7B27C16B	FF006AE3	5A5ACF3B	00DCF35A	5AC75600	00008BF3	7B27C16B	FE	0D	7B27C16B	0
CLK 02	0008BF37	827C1680	0008BF37	827C1680	00DCF35A	5AC75600	FF006AE3	5A5ACF3B	FD	0D	7B27C16B	0
CLK 03	008BF37B	27C16800	008BF37B	27C16800	00DCF35A	5AC75600	FF006AE3	5A5ACF3B	FC	0D	7B27C16B	1
CLK 04	00FF951C	A5A530C5	008BF37B	27C16800	00DCF35A	5AC75600	FF006AE3	5A5ACF3B	FC	0D	7B27C16B	0
PH 07	00000000	00000000	00FF951C	A5A530C5	00DCF35A	5AC75600	008BF37B	27C16800	FC	0D	7B27C16B	1
CLK 02	008BF37B	27C16800	00000000	00000000	0073C069	6B1D5800	008BF37B	27C16800	FC	0D	7B27C16B	4
CLK 03	00AEF059	F181C5C0	0022FCDE	C9F05A0C	00CF35A5	AC756000	008BF37B	27C16800	FC	0C	7B27C16B	0
CLK 04	002B8C16	7C6C7170	002B8C16	7C6C7170	003CD696	B1D58000	0117E6F6	4F82D600	FC	0C	7B27C16B	6
CLK 05	FF7EFB8A	7759815C	000AEF05	9F181C5C	00F35A5A	C7560000	008BF37B	27C16800	FC	0B	7B27C16B	1
CLK 06	006BB25D	C597D757	FFDFBE2E	9DD66C57	00CD696B	1D580000	008BF37B	27C16800	FC	0B	7B27C16B	4
CLK 07	001AEC97	7165F9D5	001AEC97	7165F9D5	0035A5AC	75600003	0117E6F6	4F82D600	FC	0A	7B27C16B	2
CLK 08	FF7AC7AA	B4981275	00068825	DC597D75	00D69681	0580000E	008BF37B	27C16800	FC	0A	7B27C16B	0
CLK 09	006AA565	D4E76F9D	FFDEB1EA	AD26049D	005A5AC7	0000003A	008BF37B	27C16800	FC	09	7B27C16B	5
CLK 10	00A69CD4	9CF846F7	001AA959	7539D8E7	00A6963D	580000EA	008BF37B	27C16800	FC	09	7B27C16B	4
CLK 11	00859A80	4F003CB9	0029A735	273ED1B9	00A5AC75	600003AB	008BF37B	27C16800	FC	08	7B27C16B	0
CLK 12	014540A2	6342E52E	002D66AC	13C00F2E	009681D5	80000EAE	0117E6F6	4F82D600	FC	08	7B27C16B	6
CLK 13	01693A5E	E8538F4B	00515368	98D08948	005AC756	00003AB9	0117E6F6	4F82D600	FC	07	7B27C16B	4
CLK 14	00E64212	E1D64ED2	005A4E97	B414E3D2	00681D58	0000EAE7	008BF37B	27C16800	FC	07	7B27C16B	2
CLK 15	00C583FF	E036FEB4	00399084	887593B4	00AC7560	0003A99D	008BF37B	27C16800	FC	06	7B27C16B	0
CLK 16	014947F6	479D95AD	003160FF	F80DBFAD	00B1D580	000EAE74	0117E6F6	4F82D600	FC	06	7B27C16B	6
CLK 17	016A38F3	E166FB68	005251FD	91E42568	00C75600	003AB9D2	0117E6F6	4F82D600	FC	05	7B27C16B	2
CLK 18	005A8E3C	F8598EDA	005A8E3C	F8598EDA	001D5800	00EAE743	0117E6F6	4F82D600	FC	05	7B27C16B	1
CLK 19	FFRAB014	16550486	0016A38F	3F166FB6	00756000	03A99D2D	008BF37B	27C16800	FC	04	7B27C16B	1
CLK 20	00FA92FB	5518172D	FFE2AC05	0595412D	00058000	0EAE7485	0117E6F6	4F82D600	FC	04	7B27C16B	6
CLK 21	003EA48E	D54605CB	003EA48E	D54605CB	00560000	3AB9D2D6	0117E6F6	4F82D600	FC	03	7B27C16B	2
CLK 22	00939CAA	DD12FC72	000FA92F	85518172	00580000	EAE74858	008BF37B	27C16800	FC	03	7B27C16B	4
CLK 23	00B2DA45	DF02661C	0026E72A	B7448B1C	00600003	AB9D2D6D	008BF37B	27C16800	FC	02	7B27C16B	0
CLK 24	00B8AA24	9F82F487	002CB6A9	77C18987	0080000E	AE7485B4	008BF37B	27C16800	FC	02	7B27C16B	4
CLK 25	0146117F	77639321	002E2A89	27E0BD21	0000003A	B9D2D6D3	0117E6F6	4F82D600	FC	01	7B27C16B	2
CLK 26	FFC590E4	B61779C8	0051845F	DD08E4C8	000000EA	E748594E	008BF37B	27C16800	FC	01	7B27C16B	5
CLK 27	FFF16439	2D85DE72	FFF16439	2D85DE72	000003AB	9D2D6D38	0117E6F6	4F82D600	FC	00	7B27C16B	3
CLK 28	FFFC590E	4B61779C	FFFC590E	4B61779C	000003AE	7485B4E1	0117E6F6	4F82D600	FC	00	7B27C16B	7
CLK 29	FFFF1643	92D85DE7	FFFF1643	92D85DE7	00003A99	D2D6D384	0117E6F6	4F82D600	FC	FF	7B27C16B	3

TEST NO	FC	R	EW	RU1	EWU1								
FML	18	5	E2006AE3	610083F3	5A5ACF33	7B27C168							
CYCLE	S(48=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 30	008BB90C	0C778279	FFFFC59C	E4861779	0000EAE7	485B4E13	008BF37B	27C16B00	FC	FF	7B27C168	4	
PH 08	008BB90C	0C778279	008BB90C	0C778279	0000EAE7	485B4E13	008BF37B	27C16B00	FC	FF	7B27C168	4	
PH 09	FF7446F3	F3887D87	008BB90C	0C778279	0000EAE7	485B4E13	008BF37B	27C16B00	FC	FF	F3887D87	4	
PH 10	FF7446F3	F3887D87	008BB90C	0C778279	0000EAE7	485B4E13	008BF37B	27C16B00	03	FF	C37446F3	4	

TEST NO	FC	R	EW	RU1	EWU1								
FML	19	5	AF00049E	E200049F	F0259E49	F0259E49							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	0300049E	AF000000	00000000	00000000	00000000	00000000	00000000	00000000	03	FF	AF00049E	4	
PH 02	0300049F	E2000000	FF00049E	AF000000	00792000	00000000	00000000	00000000	00	05	E200049F	0	
PH 03	FFFFFFFE	ED800000	FF00049E	D0000000	00792000	00000000	FF00049F	E2800000	00	05	F0259E49	0	
PH 04	FFFFFFFE	F0259E49	FF00049E	F0259E49	009279A4	0F792000	FF00049F	E2800000	ED	0D	F0259E49	0	
PH 07	00000000	00000000	FF00049E	F0259E49	009279A4	0F792000	FF00049F	F0259E49	ED	0D	F0259E49	0	
CLK 02	FF00049F	F0259E49	00000000	00000000	0049E690	3DE48000	FF00049F	F0259E49	ED	0D	F0259E49	4	
CLK 03	FDC00A67	DC54A424	FFC00127	FC096792	00279A40	F7920002	FE00093F	E0483C92	ED	0C	F0259E49	2	
CLK 04	FF700299	F7152909	FF700299	F7152909	009E6903	DE480008	FE00093F	E0483C92	ED	0C	F0259E49	6	
CLK 05	FE0C0546	6DEAE888	FFDC00A6	7DC54A42	0079A40F	79200022	FF00049F	F0259E49	ED	0B	F0259E49	0	
CLK 06	FDB70A91	7BC5F6B4	FFB70151	9R7ABA22	00E6903D	E4800083	FE00093F	E0483C92	ED	0B	F0259E49	6	
CLK 07	00603E04	6ECB7F64	FF6DC2A4	5EF17DAD	009A40F7	9200022C	FF00049F	F0259E49	ED	0A	F0259E49	1	
CLK 08	FE1B78C0	FBFE346B	001B6F81	1RB2F7D9	004903DE	480008B0	FE00093F	E0483C92	ED	0A	F0259E49	6	
CLK 09	FDB6E770	1F4AC9AC	FF86DE30	3FFF8D1A	00A40F79	200022C3	FE00093F	F0483C92	ED	09	F0259E49	2	
CLK 10	FE61BE7B	F7F850B4	FF61B9DC	07D2B268	00903DE4	8000890C	FF00049F	F0259E49	ED	09	F0259E49	4	
CLK 11	FE98743E	EE239276	FF986F9E	FDFE142D	0040F792	00022C30	FF00049F	F0259E49	ED	08	F0259E49	0	
CLK 12	FD46264F	98D4292F	FFA6100F	8R88EC9D	0003DE48	008B0C1F	FE00093F	E0483C92	ED	08	F0259E49	6	
CLK 13	FF698993	E6F50A4B	FF698993	E6F50A4B	000F7920	0022C307	FE00093F	E0483C92	ED	07	F0259E49	2	
CLK 14	FFDA6264	F9B04292	FFDA6264	F9B04292	003DE480	008B0C1F	FE00093F	E0483C92	ED	07	F0259E49	6	
CLK 15	FFF69899	3E6F50A4	FFF69899	3E6F50A4	00F79200	022C307D	FE00093F	E0483C92	ED	06	F0259E49	2	
CLK 16	00FDA186	5F7635FD	FFFDA626	4F9BD429	00DE4800	08B0C1F4	FF00049F	F0259E49	ED	06	F0259E49	5	
CLK 17	003F6861	97DD8D78	003F6861	97DD8D78	00792000	22C307D0	FE00093F	E0483C92	ED	05	F0259E49	3	
CLK 18	010FD578	75D1C515	000FDA18	65F7635E	00E48000	8B0C1F40	FF00049F	F0259E49	ED	05	F0259E49	5	
CLK 19	0043F55E	1D747145	0043F55E	1D747145	00920002	2C307D02	FE00093F	E0483C92	ED	04	F0259E49	3	
CLK 20	FE110697	67A858E3	0010FD57	875D1C51	00480008	B0C1F40A	FE00093F	E0483C92	ED	04	F0259E49	6	
CLK 21	FDB44AE5	BA3552CA	FFB441A5	D9EA1638	00200022	C307D023	FE00093F	E0483C92	ED	03	F0259E49	2	
CLK 22	FF6112B9	6E8D54B2	FF6112B9	6E8D54B2	0080008B	0C1F40A0	FE00093F	E0483C92	ED	03	F0259E49	6	
CLK 23	FE8494AE	4BC8F375	FFD844AE	5BA3552C	0000022C	307D02B5	FF00049F	F0259E49	ED	02	F0259E49	0	
CLK 24	FFB61253	92F23CDD	FFB61253	92F23CDD	000008B0	C1F40AD6	FE00093F	E0483C92	ED	02	F0259E49	6	
CLK 25	FFED8494	E48C8F37	FFED8494	F48C8F37	000022C3	07D0235A	FE00093F	E0483C92	ED	01	F0259E49	2	
CLK 26	FFFB6125	392F23CD	FFFB6125	392F23CD	00008B0C	1F40AD68	FE00093F	E0483C92	ED	01	F0259E49	6	
CLK 27	FFED8494	4E48C8F3	FFED8494	4E48C8F3	00022C30	7D02B5AE	FE00093F	E0483C92	ED	00	F0259E49	2	
CLK 28	FFFB6125	5392F23C	FFFB6125	5392F23C	0008B0C1	F40AD6B8	FE00093F	E0483C92	ED	00	F0259E49	6	
CLK 29	FFFB6125	94E48C8F	FFFB6125	94E48C8F	0022C307	D0235AEC	FE00093F	E0483C92	ED	FF	F0259E49	2	
CLK 30	00FFF6C1	351390DA	00FFF6C1	25392F23	008B0C1F	40AD6B83	FF00049F	F0259E49	ED	FF	F0259E49	5	
PH 08	00FFF6C1	351390DA	00FFF6C1	351390DA	008B0C1F	40AD6B83	FF00049F	F0259E49	ED	FF	F0259E49	5	
PH 09	00FFF6C1	351390DA	00FFF6C1	351390DA	008B0C1F	40AD6B83	FF00049F	F0259E49	ED	FF	351390DA	5	
PH 10	00FFF6C1	351390DA	00FFF6C1	351390DA	008B0C1F	40AD6B83	FF00049F	F0259E49	ED	FF	20FFF6C1	5	

TEST	NB	FC	R	EW	RU1	EWU1						
FML	19	5	AF00049E	E200049F	F0259E49	F0259E49	E	F	FP	SW		
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	0300049E	AF000000	00000000	00000000	00000000	00000000	00000000	00000000	ED	FF	AF00049E	5
PH 02	0300049E	E2000000	FF00049E	AF000000	00792000	00000000	00000000	00000000	00	05	E200049F	0
PH 03	FFFFFFFE	ED800000	FF00049E	00000000	00792000	00000000	FF00049F	E2800000	00	05	F0259E49	0
PH 04	FFFFFFFE	F0259E49	FF00049E	F0259E49	009279A4	0F792000	FF00049F	E2800000	ED	0D	F0259E49	0
PH 07	00000000	00000000	FF00049E	F0259E49	009279A4	0F792000	FF00049F	F0259E49	ED	0D	F0259E49	0
CLK 02	FF00049F	F0259E49	00000000	00000000	0049E690	3DE48000	FF00049F	F0259E49	ED	0D	F0259E49	4
CLK 03	FDC00A67	DC54A424	FFC00127	FC096792	00279A40	F7920002	FE00093F	E0483C92	ED	0C	F0259E49	2
CLK 04	FF700299	F7152909	FF700299	F7152909	009E6903	DE480008	FE00093F	E0483C92	ED	0C	F0259E49	6
CLK 05	FEDC0546	6DEAE88B	FFDC00A6	7DC5A4A2	0079A40F	79200022	FF00049F	F0259E49	ED	0B	F0259E49	0
CLK 06	FDB70A91	7BC5F6B4	FFB70151	9B7ABA22	00E6903D	E480008B	FE00093F	E0483C92	ED	0B	F0259E49	6
CLK 07	0060B0E4	6EC9DF64	FF60C244	5EF17DAD	009A40F7	9200022C	FF00049F	F0259E49	ED	0A	F0259E49	1
CLK 08	FE1B78C0	FBFE3468	001B6F81	1B2F7D9	006903DE	480008B0	FE00093F	E0483C92	ED	0A	F0259E49	6
CLK 09	FD86E770	1F4AC9AC	FF86DE30	3EFF8D1A	00A40F79	200022C3	FE00093F	E0483C92	ED	09	F0259E49	2
CLK 10	FE61BE7B	F7F850B4	FF61B9D0	07D2B26B	00903DE4	80008B0C	FF00049F	F0259E49	ED	09	F0259E49	4
CLK 11	FE98743E	EE23B276	FF986F9E	FDFE142D	0040F792	00022C30	FF00049F	F0259E49	ED	08	F0259E49	0
CLK 12	FDA6264E	9BD4292F	FFA61D0F	8B88EC9D	0003DE48	0088B0C1	FE00093F	E0483C92	ED	08	F0259E49	6
CLK 13	FE698993	E6F50A4B	FF698993	E6F50A4B	000F7920	0022C307	FE00093F	E0483C92	ED	07	F0259E49	2
CLK 14	FFDA6264	F9BD4292	FFDA6264	F9BD4292	003DE480	008B0C1F	FE00093F	E0483C92	ED	07	F0259E49	6
CLK 15	FFF69899	3E6F50A4	FFF69899	3E6F50A4	00F79200	022C307D	FE00093F	E0483C92	ED	06	F0259E49	2
CLK 16	00FDA186	5F7635E0	FFFDA626	4F9BD429	00DE4800	08B0C1F4	FF00049F	F0259E49	ED	06	F0259E49	5
CLK 17	003F6861	97DD8D78	003F6861	97DD8D78	00792000	22C307D0	FE00093F	E0483C92	ED	05	F0259E49	3
CLK 18	010FD578	75D1C515	000FDA18	65F7635E	00E48000	8B0C1F40	FF00049F	F0259E49	ED	05	F0259E49	5
CLK 19	0043F55E	1D747145	0043F55E	1D747145	00920002	2C307D02	FE00093F	E0483C92	ED	04	F0259E49	3
CLK 20	FE110697	67A858E3	0010FD57	875D1C51	00480008	80C1F40A	FE00093F	E0483C92	ED	04	F0259E49	6
CLK 21	FD844AE5	BA3552CA	FF8441A5	09EA1638	00200022	C307D02B	FE00093F	E0483C92	ED	03	F0259E49	2
CLK 22	FF6112B9	6E8D54B2	FF6112B9	6E8D54B2	00R0008B	0C1F40AD	FE00093F	E0483C92	ED	03	F0259E49	6
CLK 23	FED8494E	4BC8F375	FFD844AE	5BA3552C	0000022C	307D02B5	FF00049F	F0259E49	ED	02	F0259E49	0
CLK 24	FFB61253	92F23CDD	FFB61253	92F23CDD	000008B0	C1F40AD6	FE00093F	E0483C92	ED	02	F0259E49	6
CLK 25	FFF08494	E4BC8F37	FFF08494	E4BC8F37	000022C3	07D02B5A	FE00093F	E0483C92	ED	01	F0259E49	2
CLK 26	FFF86125	392F23CD	FFF86125	392F23CD	00008B0C	1F40AD6B	FE00093F	E0483C92	ED	01	F0259E49	6
CLK 27	FFFED849	4E4BC8F3	FFFED849	4E4BC8F3	00022C30	7D02B5AE	FE00093F	E0483C92	ED	00	F0259E49	2
CLK 28	FFF6B612	5392F23C	FFF6B612	5392F23C	0008B0C1	F40AD6BB	FE00093F	E0483C92	ED	00	F0259E49	6
CLK 29	FFFED849	94E4BC8F	FFFED849	94E4BC8F	0022C307	02B5AEC	FE00093F	E0483C92	ED	FF	F0259E49	2
CLK 30	00FFF6C1	351390DA	00FFF6C1	25392F23	00830C1F	40AD6BB3	FF00049F	F0259E49	ED	FF	F0259E49	5
PH 08	00FFF6C1	351390DA	00FFF6C1	351390DA	00830C1F	40AD6BB3	FF00049F	F0259E49	ED	FF	F0259E49	5
PH 09	00FFF6C1	351390DA	00FFF6C1	351390DA	00830C1F	40AD6BB3	FF00049F	F0259E49	ED	FF	351390DA	5
PH 10	00FFF6C1	351390DA	00FFF6C1	351390DA	00830C1F	40AD6BB3	FF00049F	F0259E49	ED	FF	20FFF6C1	5

TEST	NB	FC	R	EW	RU1	EWU1						
FML	20	5	670000B2	E30000AB	D73C2826	E159F059	E	F	FP	SW		
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	000000R2	67000000	00000000	00000000	00000000	00000000	00000000	00000000	ED	FF	670000B2	5
PH 02	030000AB	E8000000	00000000	67000000	00400000	00000000	00000000	00000000	00	05	E80000AB	0
PH 03	01000006	F8800000	00000000	E7000000	00400000	00000000	FF0000AB	F8800000	00	05	D73C2826	0
PH 04	01000006	E159F059	00000000	D73C2826	0064143C	EB400000	FF0000AB	F8800000	FB	0D	E159F059	0
PH 06	00000000	D73C2826	00000000	D73C2826	0064143C	EB400000	FF0000AB	E159F059	F3	0D	E159F059	0
CLK 02	000000B2	73C28260	000000B2	73C28260	0064143C	EB400000	FF0000AB	E159F059	FA	0C	E159F059	0
CLK 03	000000B2	3C282600	000000B2	3C282600	0064143C	EB400000	FF0000AB	E159F059	F9	0B	E159F059	0
CLK 04	00092D73	C2826000	00092D73	C2826000	0064143C	EB400000	FF0000AB	E159F059	F8	0A	E159F059	0
CLK 05	00R2D73C	28260000	00R2D73C	28260000	0064143C	EB400000	FF0000AB	E159F059	F7	09	E159F059	1
PH 07	00000000	00000000	00000000	00000000	0064143C	EB400000	FF0000AB	E159F059	F7	09	E159F059	1
CLK 02	FE000157	C2B3E0B2	00000000	00000000	009050F3	AD340000	FE000157	C2B3E0B2	F7	09	E159F059	6
CLK 03	FDR001AD	9360D8DE	FF800055	FA0CF82C	004143CE	84D00001	FE000157	C2B3E0B2	F7	08	E159F059	2
CLK 04	FE600117	4E322690	FF600069	6CD83637	00050F3A	D3400005	FF0000AB	E159F059	F7	08	E159F059	4
CLK 05	00977F99	F2329943	FF980045	038C8944	0143CEB3	4D000014	FF0000AB	E159F059	F7	07	E159F059	1
CLK 06	0025FFE6	7C8CA652	0025FFE6	7C8CA652	0050F3AD	34000053	FE000157	C2B3E0B2	F7	07	E159F059	7
CLK 07	FE998151	61D70A46	00097FF9	9F232994	0043CEBA	D000014D	FE000157	C2B3E0B2	F7	06	E159F059	2
CLK 08	FE826100	39CFB2EA	FF826054	5875C291	000F3AD3	40000535	FF0000AB	E159F059	F7	06	E159F059	4
CLK 09	00A09794	2D19FC61	FFA09840	0E73CEBA	003CEB34	000014D5	FF0000AB	E159F059	F7	05	E159F059	1
CLK 10	002825E5	0B467F18	002825E5	0B467F18	00F3AD34	00005356	FE000157	C2B3E0B2	F7	05	E159F059	7
CLK 11	F0A0A2P5	242B901F	00A09799	42D19FC6	00CEB4D0	00014D58	FF0000AB	E159F059	F7	04	E159F059	0
CLK 12	FFC28289	490AE407	FFC28289	490AE407	003AD340	00053563	FE000157	C2B3E0B2	F7	04	E159F059	6
CLK 13	00F09FF6	70E8C8A8	FFF0A0A2	5242B901	00E34D00	014D58F	FF0000AB	E159F059	F7	03	E159F059	1
CLK 14	FF3C28A9	7D942283	003C27FD	9C3A322A	00A03400	0053563C	FF0000AB	E159F059	F7	03	E159F059	4
CLK 15	FDCF0B82	2218E952	FFCF0A2A	5F6508A0	00B4D000	014D58F3	FE000157	C2B3E0B2	F7	02	E159F059	2
CLK 16	FD73C438	4B3A18C6	FF73C20E	88863A54	00534000	053563CD	FE000157	C2B3E0B2	F7	02	E159F059	6
CLK 17	FF5CF10E	12CE86C1	FF5CF10E	12CE86C1	00400000	14D58F35	FE000157	C2B3E0B2	F7	01	E159F059	2
CLK 18	FE73CFF	660D9209	FFD73C43	84B3A1B0	00340000	53563CD6	FF0000AB	E159F059	F7	01	E159F059	4
CLK 19	00R5CEAF	F8297429	FFB5CF3B	D9836482	00D00001	4D58F35A	FF0000AB	E159F059	F7	00	E159F059	1
CLK 20	FF2D744F	DF644D63	002D73A3	FE0A5D0A	00400005	3563CD6A	FF0000AB	E159F059	F7	00	E159F059	4
CLK 21	FECB5D9F	D93303B1	FFCB5D13	F7D91358	00000014	D58F35A3	FF0000AB	E159F059	F7	FF	E159F059	0
CLK 22	00R2D6C4	14F2D093	FFB2D76F	F64CC0EC	00000053	563CD6AE	FF0000AB	E159F059	F7	FF	E159F059	5
PH 08	00R2D6C4	14F2D093	00R2D6C4	14F2D093	00000053	563CD6AE	FF0000AB	E159F059	F7	FF	E159F059	5
PH 09	FF4D293B	EB0D2F6D	00R2D6C4	14F2D093	00000053	563CD6AE	FF0000AB	E159F059	F7	FF	E159F059	5
PH 10	FF4D293B	EB0D2F6D	00R2D6C4	14F2D093	00000053	563CD6AE	FF0000AB	E159F059	08	FF	C84D293B	5

TEST NO	FC	R	EW	RU1	EWU1							
FML 22	5	42000000	3E3AF92C	486CEA47	76B15038							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	00000000	42000000	00000000	00000000	00000000	00000000	00000000	00000000	DD	FF	42000000	6
PH 02	003AF92C	3E000000	00000000	42000000	00000000	00000000	00000000	00000000	00	05	3E3AF92C	0
PH 03	003AF92D	00000000	00000000	C2000000	00000000	00000000	003AF92C	3E000000	00	05	486CEA47	0
PH 04	003AF92D	76B15038	00000000	486CEA47	00E25736	12000000	003AF92C	3E000000	00	0D	76B15038	0
PH 06	00000000	486CEA47	00000000	486CEA47	00E25736	12000000	003AF92C	76B15038	00	0D	76B15038	0
CLK 02	00000004	86CEA470	00000004	86CEA470	00E25736	12000000	003AF92C	76B15038	FF	0C	76B15038	0
CLK 03	00000048	6CEA4700	00000048	6CEA4700	00E25736	12000000	003AF92C	76B15038	FE	0B	76B15038	0
CLK 04	00000486	CEA47000	00000486	CEA47000	00E25736	12000000	003AF92C	76B15038	FD	0A	76B15038	0
CLK 05	0000486C	EA470000	0000486C	EA470000	00E25736	12000000	003AF92C	76B15038	FC	09	76B15038	0
CLK 06	000486CE	A4700000	000486CE	A4700000	00E25736	12000000	003AF92C	76B15038	FB	08	76B15038	0
CLK 07	00486CEA	47000000	00486CEA	47000000	00E25736	12000000	003AF92C	76B15038	FA	07	76B15038	0
PH 07	00000000	00000000	00486CEA	47000000	00E25736	12000000	003AF92C	76B15038	FA	07	76B15038	0
CLK 02	FFC506D3	894EAF8C	00000000	00000000	00895CD8	48000000	003AF92C	76B15038	FA	07	76B15038	5
CLK 03	0067340D	CFB64C62	FFF141B4	E253ABF2	00257361	20000000	0075F258	ED62A070	FA	06	76B15038	2
CLK 04	0019CD03	73E09318	0019CD03	73E09318	0095C084	80000001	0075F258	ED62A070	FA	06	76B15038	6
CLK 05	00416C6D	53ACB4FE	00067340	DCFB64C6	00573612	00000004	003AF92C	76B15038	FA	05	76B15038	0
CLK 06	00864D74	42D0CDAF	00105B1B	54EB2D3F	005CD848	00000011	0075F258	ED62A070	FA	05	76B15038	6
CLK 07	009785R5	FD613DB	0021935D	1093736B	00736120	00000047	0075F258	ED62A070	FA	04	76B15038	2
CLK 08	009BD3C6	6CE02566	0025E16D	7F7D84F6	00C08480	0000011F	0075F258	ED62A070	FA	04	76B15038	6
CLK 09	FFEBFBC5	2486B921	0026F4F1	9B380959	00361200	0000047D	003AF92C	76B15038	FA	03	76B15038	1
CLK 10	0035F81D	BFD2FE80	FFFAFEF1	4921AE48	00B84800	000011F6	003AF92C	76B15038	FA	03	76B15038	4
CLK 11	FFD284D0	F9436F68	000D7E07	6FF4BF40	00612000	000047D8	003AF92C	76B15038	FA	02	76B15038	1
CLK 12	FFB9A80A	479F8BA2	FFFAA136	BE50DBDA	00848000	00011F60	003AF92C	76B15038	FA	02	76B15038	5
CLK 13	00645C5B	7F4A8358	FFEE6A02	91E7E2E8	00120000	00047D81	0075F258	ED62A070	FA	01	76B15038	2
CLK 14	00191716	DFD2A0D6	00191716	DFD2A0D6	00480000	0011F604	0075F258	ED62A070	FA	01	76B15038	6
CLK 15	0007C81E	A55748A5	000645C5	B7F4A835	00200000	0047D811	0075F258	ED62A070	FA	00	76B15038	2
CLK 16	001F0E07	A955D229	001F0E07	A955D229	00800000	011F6046	0075F258	ED62A070	FA	00	76B15038	6
CLK 17	0042B8AE	6106C4C2	0007C381	EA55748A	00000000	0047D811A	003AF92C	76B15038	FA	FF	76B15038	0
CLK 18	0010AF2B	9841B130	0010AF2B	9841B130	00000000	11F60469	0075F258	ED62A070	FA	FF	76B15038	6
PH 08	0010AF2B	9841B130	0010AF2B	9841B130	00000000	11F60469	0075F258	ED62A070	FA	FF	76B15038	6
PH 09	0010AF2B	9841B130	0010AF2B	9841B130	00000000	11F60469	0075F258	ED62A070	FA	FF	9841B130	6
PH 10	0010AF2B	9841B130	0010AF2B	9841B130	00000000	11F60469	0075F258	ED62A070	FA	FF	3A10AF2B	6

TEST NO	FC	R	EW	RU1	EWU1							
FML 23	5	D2000000	37000000	07C16D1F	05DB8067							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	03000000	D2000000	00000000	00000000	00000000	00000000	00000000	00000000	FA	FF	D2000000	6
PH 02	00000000	37000000	FF000000	D2000000	00000000	00000000	00000000	00000000	00	05	37000000	0
PH 03	FF000000	E4000000	FF000000	A0000000	00000000	00000000	00000000	37000000	00	05	07C16D1F	0
PH 04	FF000000	05DB8067	FF000000	07C16D1F	00F8B683	E0000000	00000000	37000000	E4	0D	05DB8067	1
PH 05	00000000	05DB8067	FF000000	07C16D1F	00F8B683	E0000000	00000000	05DB8067	E4	0D	05DB8067	0
CLK 02	00000000	05DB8067	00000000	05DB8067	00F8B683	E0000000	FF000000	07C16D1F	E3	0D	05DB8067	0
CLK 03	00000005	D8067000	00000005	D8067000	00F8B683	E0000000	FF000000	07C16D1F	E2	0D	05DB8067	0
CLK 04	0000005D	80670000	0000005D	80670000	00F8B683	E0000000	FF000000	07C16D1F	E1	0D	05DB8067	0
CLK 05	000005DB	80670000	000005DB	80670000	00F8B683	E0000000	FF000000	07C16D1F	E0	0D	05DB8067	0
CLK 06	00005DB8	06700000	00005DB8	06700000	00F8B683	E0000000	FF000000	07C16D1F	DF	0D	05DB8067	0
CLK 07	0005DB80	67000000	0005DB80	67000000	00F8B683	E0000000	FF000000	07C16D1F	DE	0D	05DB8067	0
CLK 08	005DB806	70000000	005DB806	70000000	00F8B683	E0000000	FF000000	07C16D1F	DD	0D	05DB8067	1
PH 06	00FFFFFF	F83E92E1	005DB806	70000000	00F8B683	E0000000	FF000000	07C16D1F	DD	0D	05DB8067	0
PH 07	00000000	00000000	00FFFFFF	F83E92E1	00F8B683	E0000000	005DB806	70000000	DD	0D	05DB8067	1
CLK 02	005DB806	70000000	00000000	00000000	00E2DA0F	80000000	005DB806	70000000	DD	0D	05DB8067	4
CLK 03	00176E01	9C000000	00176E01	9C000000	0083683E	00000000	008B700C	E0000000	DD	0C	05DB8067	2
CLK 04	00C1488D	47000000	0005DB80	67000000	002DA0F8	00000000	008B700C	E0000000	DD	0C	05DB8067	6
CLK 05	FFD29AD0	E1C00000	003052F3	51C00000	003683E0	00000000	005DB806	70000000	DD	0B	05DB8067	1
CLK 06	FF96EE80	C8700000	FFFA4687	38700000	00A0F800	00000000	005DB806	70000000	DD	0B	05DB8067	5
CLK 07	004373B2	A21C0000	FFE58BAC	321C0000	00683E00	00000000	005DB806	70000000	DD	0A	05DB8067	0
CLK 08	006E94F3	18870000	0010DC8C	A8870000	00A0F800	00000000	005DB806	70000000	DD	0A	05DB8067	4
CLK 09	00071549	A621C000	0019A53C	C621C000	0083E000	00000000	008B700C	E0000000	DD	09	05DB8067	2
CLK 10	00F1355F	49887000	0035C552	69887000	000F8000	00000000	008B700C	E0000000	DD	09	05DB8067	6
CLK 11	FFD95511	62621C00	003C4057	D2621C00	003E0000	00000000	005DB806	70000000	DD	08	05DB8067	1
CLK 12	FFF7A554	58988700	FFF7A554	58988700	00F80000	00000000	008B700C	E0000000	DD	08	05DB8067	0
CLK 13	005BA15B	862621C0	FFD0E955	162621C0	00F00000	00000000	005DB806	70000000	DD	07	05DB8067	0
CLK 14	0016E856	E1898870	0016E856	E1898870	00800000	00000000	008B700C	E0000000	DD	07	05DB8067	6
CLK 15	00C12A22	9862621C	0005BA15	B862621C	00000000	00000000	008B700C	E0000000	DD	06	05DB8067	2
CLK 16	FFD29282	36189887	00304A88	A6189887	00000000	00000000	005DB806	70000000	DD	06	05DB8067	5
CLK 17	FFF4A44C	8D862621	FFF4A44C	8D862621	00000000	00000000	008B700C	E0000000	DD	05	05DB8067	3
CLK 18	FFF02928	23618988	FFF02928	23618988	00000000	0000000E	008B700C	E0000000	DD	05	05DB8067	7
CLK 19	FFF4A44A	08D86262	FFF4A44A	08D86262	00000000	00000038	008B700C	E0000000	DD	04	05DB8067	3
CLK 20	FFF0D292	82361898	FFF0D292	82361898	00000000	000000E1	008B700C	E0000000	DD	04	05DB8067	7
CLK 21	FFF0F444	A08D8626	FFF0F444	A08D8626	00000000	00000084	008B700C	E0000000	DD	03	05DB8067	3
CLK 22	FFF0FD29	28236189	FFF0FD29	28236189	00000000	00000011	008B700C	E0000000	DD	03	05DB8067	7
CLK 23	FFF0FF44	4A08D862	FFF0FF44	4A08D862	00000000	00003846	008B700C	E0000000	DD	02	05DB8067	3
CLK 24	FFF0FFD2	92823618	FFF0FFD2	92823618	00000000	0000E119	008B700C	E0000000	DD	02	05DB8067	7

TEST N#	FC	R	EW	RUI	EWU1								
FML 23	5	D2000000	37000000	07C16D1F	05DBA067								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 25	FFFFFFFF4	A4A08D86	FFFFFFFF4	A4A08D86	00000000	00038464	00B700C	E0000000	DD	01	05DB8067	3	
CLK 26	FFFFFFFFD	29282361	FFFFFFFFD	29282361	00000000	000E1191	00B700C	E0000000	DD	01	05DB8067	7	
CLK 27	FFFFFFFFF	4A4A08D8	FFFFFFFFF	4A4A08D8	00000000	00384646	00B700C	E0000000	DD	00	05DB8067	3	
CLK 28	FFFFFFFFF	D2928236	FFFFFFFFF	D2928236	00000000	00E11918	00B700C	E0000000	DD	00	05DB8067	7	
CLK 29	FFFFFFFFF	F4A4A08D	FFFFFFFFF	F4A4A08D	00000000	03846461	00B700C	E0000000	DD	FF	05DB8067	3	
CLK 30	005DB806	6D292823	FFFFFFFFF	F7292823	00000000	0E119186	005DB806	70000000	DD	FF	05DB8067	4	
PH 08	005DB806	6D292823	005DB806	6D292823	00000000	0E119186	005DB806	70000000	DD	FF	05DB8067	4	
PH 09	FFA247F9	92D6D7DD	005DB806	6D292823	00000000	0E119186	005DB806	70000000	DD	FF	92D6D7DD	4	
PH 10	FFA247F9	92D6D7DD	005DB806	6D292823	00000000	0E119186	005DB806	70000000	22	FF	E2A247F9	4	

TEST N#	FC	R	EW	RUI	EWU1									
FML 24	5	C8000000	A0000000	00919193	00E566E9									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	03000000	C8000000	00000000	03000000	00000000	00000000	00000000	00000000	22	FF	C8000000	4		
PH 02	03000000	A0000000	FF000000	C8000000	00000000	00000000	00000000	00000000	00	05	A0000000	0		
PH 03	00000000	13800000	FF000000	B4000000	00000000	00000000	FF000000	A0800000	00	05	00919193	0		
PH 04	00000000	00E566E9	FF000000	07919183	000D8989	00000000	FF000000	A0800000	13	0D	00E566E9	0		
PH 07	00000000	00000000	FF000000	07919183	000D8989	00000000	FF000000	00E566E9	13	0D	00E566E9	0		
CLK 02	00FFFFFFF	FF14A917	00000000	00000000	00762624	00000000	FF000000	00E566E9	13	0D	00E566E9	5		
CLK 03	013FFFFFF	FE13F5C	003FFFFFF	FC6A645	00089890	00000000	FF000000	00E566E9	13	0C	00E566E9	1		
CLK 04	004FFFFFF	FB884FD7	004FFFFFF	FB884FD7	00626240	00000000	FE000000	01CACDD2	13	0C	00E566E9	7		
CLK 05	0113FFFFF	FF08A00C	0013FFFFF	FFEE13F5	00898900	00000000	FF000000	00E566E9	13	0B	00E566E9	1		
CLK 06	FE450000	018CF915	0044FFFFF	FFC22B43	00262400	00000000	FE000000	01CACDD2	13	08	00E566E9	6		
CLK 07	FF914000	00633E45	FF914000	00633E45	00989000	00000000	FE000000	01CACDD2	13	0A	00E566E9	2		
CLK 08	FE450000	00FE367A	FFE45000	0018CF91	00624000	00000000	FF000000	00E566E9	13	0A	00E566E9	4		
CLK 09	F0B91400	020A5970	FB914000	003F8D9E	00890000	00003329	FE000000	01CACDD2	13	09	00E566E9	2		
CLK 10	FE6E4500	0167F0C5	FF6E4500	008296DC	00240000	0000CCA4	FF000000	00E566E9	13	09	00E566E9	4		
CLK 11	FF9B9140	0059FF71	FF9B9140	0059FF71	00900000	00033292	FE000000	01CACDD2	13	08	00E566E9	2		
CLK 12	FE6E4500	00FB6AC5	FFE6E450	00167FDC	00400000	000CCA4A	FF000000	00E566E9	13	08	00E566E9	4		
CLK 13	F0B9B914	0209C783	FB9B9140	003EF9B1	00000000	0033292A	FE000000	01CACDD2	13	07	00E566E9	2		
CLK 14	FF6E6E45	008271E0	FF6E6E45	008271E0	00000000	00CCA4A3	FE000000	01CACDD2	13	07	00E566E9	6		
CLK 15	FF0B9B91	40209C78	FF0B9B91	40209C78	00000000	0033292AC	FE000000	01CACDD2	13	06	00E566E9	2		
CLK 16	FF6E6E45	5008271E	FF6E6E45	5008271E	00000000	00CCA4A80	FE000000	01CACDD2	13	06	00E566E9	6		
CLK 17	FF0B9B99	140209C7	FF0B9B99	140209C7	00000000	00000000	33292AC1	FE000000	01CACDD2	13	05	00E566E9	2	
CLK 18	FF6E6E6E	45008271	FF6E6E6E	45008271	00000000	00CA4A807	FE000000	01CACDD2	13	05	00E566E9	6		
CLK 19	FF0B9B99	9140209C	FF0B9B99	9140209C	00000000	3292AC1E	FE000000	01CACDD2	13	04	00E566E9	2		
CLK 20	FF6E6E6E	E4500827	FF6E6E6E	E4500827	00000000	CA4A8078	FE000000	01CACDD2	13	04	00E566E9	6		
CLK 21	FF6E6E6E	B9140209	FF6E6E6E	B9140209	00000000	292AC1E3	FE000000	01CACDD2	13	03	00E566E9	2		
CLK 22	FF6E6E6E	6E450082	FF6E6E6E	6E450082	00000000	A4A8078E	FE000000	01CACDD2	13	03	00E566E9	6		
CLK 23	FF6E6E6E	9B914020	FF6E6E6E	9B914020	00000000	92AC1E39	FE000000	01CACDD2	13	02	00E566E9	2		
CLK 24	FF6E6E6E	E6E45008	FF6E6E6E	E6E45008	00000000	4A8078E4	FE000000	01CACDD2	13	02	00E566E9	6		
CLK 25	FF6E6E6E	B9B91402	FF6E6E6E	B9B91402	00003329	2AC1E390	FE000000	01CACDD2	13	01	00E566E9	2		
CLK 26	FF6E6E6E	6E6E4500	FF6E6E6E	6E6E4500	0000CCA4	AB078E41	FE000000	01CACDD2	13	01	00E566E9	6		
CLK 27	FF6E6E6E	D9B9B140	FF6E6E6E	D9B9B140	00033292	AC1E3900	FE000000	01CACDD2	13	00	00E566E9	2		
CLK 28	FF6E6E6E	F6E6E450	FF6E6E6E	F6E6E450	0000CCA4A	B078E410	FE000000	01CACDD2	13	00	00E566E9	6		
CLK 29	FF6E6E6E	F0B9B914	FF6E6E6E	F0B9B914	0033292A	C1E39040	FE000000	01CACDD2	13	FF	00E566E9	2		
CLK 30	00FFFFFFF	FE89075C	00FFFFFFF	FE89075C	00CCA4A8	078E4100	FF000000	00E566E9	13	FF	00E566E9	5		
PH 08	00FFFFFFF	FE89075C	00FFFFFFF	FE89075C	00CCA4A8	078E4100	FF000000	00E566E9	13	FF	00E566E9	5		
PH 09	00FFFFFFF	FE89075C	00FFFFFFF	FE89075C	00CCA4A8	078E4100	FF000000	00E566E9	13	FF	FE89075C	5		
PH 10	00FFFFFFF	FE89075C	00FFFFFFF	FE89075C	00CCA4A8	078E4100	FF000000	00E566E9	13	FF	53FFFFFFF	5		

TEST N°	FC	R	EW	RU1	EWU1								
FML	25	5	1F000000	A2000000	0002E4E0	000D099D							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00000000	1F000000	00000000	00000000	00000000	00000000	00000000	00000000	13	FF	1F000000	5	
PH 02	03000000	A2000000	00000000	1F000000	00000000	00000000	00000000	00000000	00	05	A2000000	0	
PH 03	00FFFFFF	FC800000	00000000	9F000000	00000000	00000000	FF000000	A2800000	00	05	0002E4E0	0	
PH 04	00FFFFFF	000D099D	00000000	0002E4E0	00072740	00000000	FF000000	A2800000	FC	0D	000D099D	0	
PH 06	00000000	0002E4E0	00000000	0002E4E0	00072740	00000000	FF000000	000D099D	FC	0D	000D099D	0	
CLK 02	00000000	002E4E00	00000000	002E4E00	00072740	00000000	FF000000	000D099D	FB	0C	000D099D	0	
CLK 03	00000000	02E4E000	00000000	02E4E000	00072740	00000000	FF000000	000D099D	FA	0B	000D099D	0	
CLK 04	00000000	2E4E0000	00000000	2E4E0000	00072740	00000000	FF000000	000D099D	F9	0A	000D099D	0	
CLK 05	00000002	E4E00000	00000002	E4E00000	00072740	00000000	FF000000	000D099D	F8	09	000D099D	0	
CLK 06	0000002E	4E000000	0000002E	4E000000	00072740	00000000	FF000000	000D099D	F7	08	000D099D	0	
CLK 07	000002E4	E0000000	000002E4	E0000000	00072740	00000000	FF000000	000D099D	F6	07	000D099D	0	
CLK 08	00002E4E	00000000	00002E4E	00000000	00072740	00000000	FF000000	000D099D	F5	06	000D099D	0	
CLK 09	0002E4E0	00000000	0002E4E0	00000000	00072740	00000000	FF000000	000D099D	F4	05	000D099D	0	
CLK 10	002E4E00	00000000	002E4E00	00000000	00072740	00000000	FF000000	000D099D	F3	04	000D099D	1	
PH 07	00000000	00000000	002E4E00	00000000	00072740	00000000	FF000000	000D099D	F3	04	000D099D	1	
CLK 02	00000000	00000000	00000000	00000000	001C9200	00000000	FE000000	001A133A	F3	04	000D099D	7	
CLK 03	00000000	00000000	00000000	00000000	00727400	00000000	FE000000	001A133A	F3	03	000D099D	3	
CLK 04	FE000000	001A133A	00000000	00000000	00C9D000	00000000	FE000000	001A133A	F3	03	000D099D	6	
CLK 05	FF800000	000684CE	FF800000	000684CE	00274000	00000001	FE000000	001A133A	F3	02	000D099D	2	
CLK 06	000FFFFF	FFF49796	FFE00000	0001A133	009D0000	00000005	FF000000	000D099D	F3	02	000D099D	5	
CLK 07	0137FFFF	FFF01C48	0037FFFF	FFF025E5	00740000	00000015	FF000000	000D099D	F3	01	000D099D	1	
CLK 08	FE4E0000	00161A4C	004DFFFF	FFFC0712	00000000	00000054	FE000000	001A133A	F3	01	000D099D	6	
CLK 09	FF938000	00058693	FF938000	00058693	00400000	00000150	FE000000	001A133A	F3	00	000D099D	2	
CLK 10	FE4E0000	000684CE	FFE4E000	000161A4	00000000	00000543	FF000000	000D099D	F3	00	000D099D	4	
CLK 11	00B937FF	FFF69133	FFB93800	00039AD0	00000000	0000150E	FF000000	000D099D	F3	FF	000D099D	1	
CLK 12	002E4DFF	FFFDA44C	002E4DFF	FFFDA44C	00000000	0000543B	FE000000	001A133A	F3	FF	000D099D	7	
PH 08	002E4DFF	FFFDA44C	002E4DFF	FFFDA44C	00000000	0000543B	FE000000	001A133A	F3	FF	000D099D	7	
PH 09	FFD1B200	000258B4	002E4DFF	FFFDA44C	00000000	0000543B	FE000000	001A133A	F3	FF	000258B4	7	
PH 10	FFD1B200	000258B4	002E4DFF	FFFDA44C	00000000	0000543B	FE000000	001A133A	0C	FF	CCD1B200	7	

TEST N°	FC	R	EW	RU1	EWU1								
FML	26	5	89000000	14000000	0000438D	000038D0							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03000000	89000000	00000000	00000000	00000000	00000000	00000000	00000000	0C	FF	89000000	7	
PH 02	00000000	14000000	FF000000	89000000	00000000	00000000	00000000	00000000	00	05	14000000	0	
PH 03	FF030001	0A000000	FF000000	F6000000	00000000	00000000	00000000	14000000	00	05	000438D0	0	
PH 04	FF000001	000038D0	FF000000	0000438D	0031C200	00000000	00000000	14000000	0A	0D	000038D0	1	
PH 05	00000000	000038D0	FF000000	0000438D	0031C200	00000000	00000000	000038D0	0A	0D	000038D0	0	
CLK 02	00000000	00038D00	00000000	00038D00	0031C200	00000000	FF000000	0000438D	09	0D	000038D0	0	
CLK 03	00000000	0038D000	00000000	0038D000	0031C200	00000000	FF000000	0000438D	08	0D	000038D0	0	
CLK 04	00000000	038D0000	00000000	038D0000	0031C200	00000000	FF000000	0000438D	07	0D	000038D0	0	
CLK 05	00000000	38D00000	00000000	38D00000	0031C200	00000000	FF000000	0000438D	06	0D	000038D0	0	
CLK 06	00000003	8D000000	00000003	8D000000	0031C200	00000000	FF000000	0000438D	05	0D	000038D0	0	
CLK 07	00000038	D0000000	00000038	D0000000	0031C200	00000000	FF000000	0000438D	04	0D	000038D0	0	
CLK 08	0000038D	00000000	0000038D	00000000	0031C200	00000000	FF000000	0000438D	03	0D	000038D0	0	
CLK 09	000038D0	00000000	000038D0	00000000	0031C200	00000000	FF000000	0000438D	02	0D	000038D0	0	
CLK 10	00038D00	00000000	00038D00	00000000	0031C200	00000000	FF000000	0000438D	01	0D	000038D0	0	
CLK 11	0038D000	00000000	0038D000	00000000	0031C200	00000000	FF000000	0000438D	00	0D	000038D0	1	
PH 06	00FFFFFF	FFFFBC73	0038D000	00000000	0031C200	00000000	FF000000	0000438D	00	0D	000038D0	0	
PH 07	00000000	00000000	00FFFFFF	FFFFBC73	0031C200	00000000	0038D000	00000000	00	0D	000038D0	1	
CLK 02	FFC73000	00000000	00000000	00000000	00C70800	00000000	0038D000	00000000	00	0D	000038D0	5	
CLK 03	002A9C00	00000000	FFF1CC00	00000000	001C2000	00000000	0038D000	00000000	00	0C	000038D0	0	
CLK 04	FFD10700	00000000	00CAA700	00000000	00708000	00000000	0038D000	00000000	00	0C	000038D0	5	
CLK 05	006615C0	00000000	FFF475C0	00000000	00C20000	00000000	0071A000	00000000	00	0B	000038D0	2	
CLK 06	00198570	00000000	00198570	00000000	00080000	00000000	0071A000	00000000	00	0B	000038D0	6	
CLK 07	FFCD915C	00000000	006615C0	00000000	00200000	00000000	0038D000	00000000	00	0A	000038D0	1	
CLK 08	FFF36457	00000000	FFF36457	00000000	00800000	00000000	0071A000	00000000	00	0A	000038D0	7	
CLK 09	FFC40915	C0000000	FFFD915C	C0000000	00000000	00000000	0038D000	00000000	00	09	000038D0	1	
CLK 10	FFF10245	70000000	FFF10245	70000000	00000000	00000000	0071A000	00000000	00	09	000038D0	7	
CLK 11	FFFC4091	5C000000	FFFC4091	5C000000	00000000	00000000	0071A000	00000000	00	08	000038D0	3	
CLK 12	FFFF1024	57000000	FFFF1024	57000000	00000000	00000000	0071A000	00000000	00	08	000038D0	7	
CLK 13	FFFC4091	15C00000	FFFC4091	15C00000	00000000	00000000	0071A000	00000000	00	07	000038D0	3	
CLK 14	FFFF1024	45700000	FFFF1024	45700000	00000000	00000000	0071A000	00000000	00	07	000038D0	7	
CLK 15	FFFC4091	915C0000	FFFC4091	915C0000	00000000	00000000	0071A000	00000000	00	06	000038D0	3	
CLK 16	FFFF1024	24570000	FFFF1024	24570000	00000000	00000000	0071A000	00000000	00	06	000038D0	7	
CLK 17	FFFC4091	0915C000	FFFC4091	0915C000	00000000	00000000	0071A000	00000000	00	05	000038D0	3	
CLK 18	FFFF1024	02457000	FFFF1024	02457000	00000000	00000000	0071A000	00000000	00	05	000038D0	7	
CLK 19	FFFC4091	40915C00	FFFC4091	40915C00	00000000	00000000	0071A000	00000000	00	04	000038D0	3	
CLK 20	FFFF1024	10245700	FFFF1024	10245700	00000000	00000000	0071A000	00000000	00	04	000038D0	7	
CLK 21	FFFC4091	C40915C0	FFFC4091	C40915C0	00000000	00000000	0071A000	00000000	00	03	000038D0	3	

TEST PML	NB 26	FC 5	R 89000000	EW 14000000	RUI 0000438D	EWU1 000038D0								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
CLK 22	FFFFFFFF	F1024570	FFFFFFFF	F1024570	00000000	00000000	0071A000	00000000	00	03	000038D0	7		
CLK 23	FFFFFFFF	FC40915C	FFFFFFFF	FC40915C	00000000	00000000	0071A000	00000000	00	02	000038D0	3		
CLK 24	FFFFFFFF	FF102457	FFFFFFFF	FF102457	00000000	00000000	0071A000	00000000	00	02	000038D0	7		
CLK 25	FFFFFFFF	FFC40915	FFFFFFFF	FFC40915	00000000	00000003	0071A000	00000000	00	01	000038D0	3		
CLK 26	FFFFFFFF	FFF10245	FFFFFFFF	FFF10245	00000000	0000000E	0071A000	00000000	00	01	000038D0	7		
CLK 27	FFFFFFFF	FFF40915	FFFFFFFF	FFF40915	00000000	0000003A	0071A000	00000000	00	00	000038D0	3		
CLK 28	FFFFFFFF	FFF10245	FFFFFFFF	FFF10245	00000000	000000EA	0071A000	00000000	00	00	000038D0	7		
CLK 29	FFFFFFFF	FFF40915	FFFFFFFF	FFF40915	00000000	000003A8	0071A000	00000000	00	FF	000038D0	3		
CLK 30	0038CFFF	FFFFF102	FFFFFFFF	FFFFF102	00000000	00000EA2	0038D000	00000000	00	FF	000038D0	4		
PH 08	0038CFFF	FFFFF102	0038CFFF	FFFFF102	00000000	00000EA2	0038D000	00000000	00	FF	000038D0	4		
PH 09	FFC73000	00000EFE	0038CFFF	FFFFF102	00000000	00000EA2	0038D000	00000000	00	FF	0000EFE	4		
PH 10	FFC73000	00000EFE	0038CFFF	FFFFF102	00000000	00000EA2	0038D000	00000000	FF	FF	BFC73000	4		

TEST PML	NB 27	FC 5	R 60000000	EW 16000000	RUI 000009F2	EWU1 000006C6								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	00000000	60000000	00000000	00000000	00000000	00000000	00000000	00000000	FF	FF	60000000	4		
PH 02	00000000	16000000	00000000	60000000	00000000	00000000	00000000	00000000	00	05	16000000	0		
PH 03	00000000	03000000	00000000	E0000000	00000000	00000000	00000000	16000000	00	05	000009F2	0		
PH 04	00000000	000006C6	00000000	000009F2	004F9000	00000000	00000000	16000000	03	00	000006C6	1		
PH 05	00000000	000006C6	00000000	000009F2	004F9000	00000000	00000000	000006C6	03	00	000006C6	0		
CLK 02	00000000	000006C6	00000000	000006C6	004F9000	00000000	00000000	000009F2	02	00	000006C6	0		
CLK 03	00000000	0006C600	00000000	0006C600	004F9000	00000000	00000000	000009F2	01	00	000006C6	0		
CLK 04	00000000	006C6000	00000000	006C6000	004F9000	00000000	00000000	000009F2	00	00	000006C6	0		
CLK 05	00000000	06C60000	00000000	06C60000	004F9000	00000000	00000000	000009F2	FF	00	000006C6	0		
CLK 06	00000000	4C600000	00000000	6C600000	004F9000	00000000	00000000	000009F2	FE	00	000006C6	0		
CLK 07	00000006	C6000000	00000006	C6000000	004F9000	00000000	00000000	000009F2	FD	00	000006C6	0		
CLK 08	0000006C	60000000	0000006C	60000000	004F9000	00000000	00000000	000009F2	FC	00	000006C6	0		
CLK 09	0000006C	00000000	0000006C	00000000	004F9000	00000000	00000000	000009F2	FB	00	000006C6	0		
CLK 10	00006C00	00000000	00006C00	00000000	004F9000	00000000	00000000	000009F2	FA	00	000006C6	0		
CLK 11	0006C000	00000000	0006C000	00000000	004F9000	00000000	00000000	000009F2	F9	00	000006C6	0		
CLK 12	006C6000	00000000	006C6000	00000000	004F9000	00000000	00000000	000009F2	F8	00	000006C6	1		
PH 06	00000000	000009F2	006C6000	00000000	004F9000	00000000	00000000	000009F2	F8	00	000006C6	0		
CLK 02	00000000	00009F20	00000000	00009F20	004F9000	00000000	006C6000	00000000	F7	00	000006C6	0		
CLK 03	00000000	0009F200	00000000	0009F200	004F9000	00000000	006C6000	00000000	F6	00	000006C6	0		
CLK 04	00000000	009F2000	00000000	009F2000	004F9000	00000000	006C6000	00000000	F5	0A	000006C6	0		
CLK 05	00000000	09F20000	00000000	09F20000	004F9000	00000000	006C6000	00000000	F4	09	000006C6	0		
CLK 06	00000000	9F200000	00000000	9F200000	004F9000	00000000	006C6000	00000000	F3	08	000006C6	0		
CLK 07	00000009	F2000000	00000009	F2000000	004F9000	00000000	006C6000	00000000	F2	07	000006C6	0		
CLK 08	00000009	20000000	00000009	20000000	004F9000	00000000	006C6000	00000000	F1	06	000006C6	0		
CLK 09	000009F2	00000000	000009F2	00000000	004F9000	00000000	006C6000	00000000	F0	05	000006C6	0		
CLK 10	00009F20	00000000	00009F20	00000000	004F9000	00000000	006C6000	00000000	EF	04	000006C6	0		
CLK 11	0009F200	00000000	0009F200	00000000	004F9000	00000000	006C6000	00000000	EE	03	000006C6	0		
CLK 12	009F2000	00000000	009F2000	00000000	004F9000	00000000	006C6000	00000000	ED	02	000006C6	0		
PH 07	00000000	00000000	009F2000	00000000	004F9000	00000000	006C6000	00000000	ED	02	000006C6	0		
CLK 02	0008C000	00000000	00000000	00000000	003E4000	00000000	0008C000	00000000	ED	02	000006C6	6		
CLK 03	00363000	00000000	00363000	00000000	00F90000	00000000	0008C000	00000000	ED	01	000006C6	2		
CLK 04	FFA12C00	00000000	000D8C00	00000000	00E40000	00000000	006C6000	00000000	ED	01	000006C6	5		
CLK 05	FFF84B00	00000000	FFE84B00	00000000	00900000	00000000	0008C000	00000000	ED	00	000006C6	3		
CLK 06	00D2D2C0	00000000	FFFA12C0	00000000	00400000	00000000	0008C000	00000000	ED	00	000006C6	6		
CLK 07	010074B0	00000000	0034B4B0	00000000	00000000	00000000	0008C000	00000000	ED	FF	000006C6	2		
CLK 08	00435D2C	00000000	00435D2C	00000000	00000000	00000000	0008C000	00000000	ED	FF	000006C6	6		
PH 08	00435D2C	00000000	00435D2C	00000000	00000000	00000000	0008C000	00000000	ED	FF	000006C6	6		

TEST NB	FC	R	EW	RU1	EWU1								
FML 27	5	60000000	16000000	000009F2	000006C6								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 09	00435D2C	00000000	00435D2C	00000000	00000000	00000000	0058C000	00000000	ED	FF	00000000	6	
PH 10	00435D2C	00000000	00435D2C	00000000	00000000	00000000	0058C000	00000000	ED	FF	20435D2C	6	

TEST NB	FC	R	EW	RU1	EWU1								
FML 28	5	C6000000	E7000000	00000084	00000045								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03000000	C6000000	00000000	00000000	00000000	00000000	00000000	00000000	ED	FF	C6000000	6	
PH 02	03000000	E7000000	FF000000	C6000000	00000000	00000000	00000000	00000000	00	05	E7000000	6	
PH 03	FFFFFFFF	D1800000	FF000000	B9000000	00000000	00000000	FF000000	E7800000	00	05	00000000	6	
PH 04	FFFFFFFF	00000045	FF000000	00000084	00210000	00000000	FF000000	E7800000	D1	0D	00000045	6	
PH 07	00000000	00000000	FF000000	00000084	00210000	00000000	FF000000	00000045	D1	0D	00000045	0	
CLK 02	00000000	00000000	00000000	00000000	00840000	00000000	FE000000	0000008A	D1	0D	00000045	6	
CLK 03	FF000000	00000045	00000000	00000000	00100000	00000000	FF000000	00000045	D1	0C	00000045	0	
CLK 04	FF000000	00000011	FF000000	00000011	00400000	00000002	FE000000	0000008A	D1	0C	00000045	6	
CLK 05	FF000000	0000008F	FF000000	00000000	00000000	00000000	FE000000	0000008A	D1	0B	00000045	2	
CLK 06	FF7C0000	00000023	FF7C0000	00000023	00000000	00000029	FE000000	0000008A	D1	03	00000045	6	
CLK 07	FF0F0000	00000008	FF0F0000	00000008	00000000	000000A7	FE000000	0000008A	D1	0A	00000045	2	
CLK 08	FF7C0000	00000000	FF7C0000	00000002	00000000	0000029C	FE000000	0000008A	D1	0A	00000045	6	
CLK 09	FF0F0000	00000000	FF0F0000	00000000	00000000	000000A7	FE000000	0000008A	D1	09	00000045	2	
CLK 10	FF7C0000	00000000	FF7C0000	00000000	00000000	000029C4	FE000000	0000008A	D1	09	00000045	6	
CLK 11	FF0F0000	00000000	FF0F0000	00000000	00000000	0000A710	FE000000	0000008A	D1	08	00000045	2	
CLK 12	FF7C0000	00000000	FF7C0000	00000000	00000000	000029C4	FE000000	0000008A	D1	08	00000045	6	
CLK 13	FF0F0000	00000000	FF0F0000	00000000	00000000	000A7100	FE000000	0000008A	D1	07	00000045	2	
CLK 14	FF7C0000	00000000	FF7C0000	00000000	00000000	0029C400	FE000000	0000008A	D1	07	00000045	6	
CLK 15	FF0F0000	00000000	FF0F0000	00000000	00000000	00A71000	FE000000	0000008A	D1	06	00000045	2	
CLK 16	FF7C0000	C0000000	FF7C0000	C0000000	00000000	029C4000	FE000000	0000008A	D1	06	00000045	6	
CLK 17	FF0F0000	F0000000	FF0F0000	F0000000	00000000	0A710000	FE000000	0000008A	D1	05	00000045	2	
CLK 18	FF7C0000	7C000000	FF7C0000	7C000000	00000000	29C40000	FE000000	0000008A	D1	05	00000045	6	
CLK 19	FF0F0000	0F000000	FF0F0000	0F000000	00000000	A7100000	FE000000	0000008A	D1	04	00000045	2	
CLK 20	FF7C0000	F7C00000	FF7C0000	F7C00000	00000002	9C400000	FE000000	0000008A	D1	04	00000045	6	
CLK 21	FF0F0000	0F000000	FF0F0000	0F000000	0000000A	71000000	FE000000	0000008A	D1	03	00000045	2	
CLK 22	FF7C0000	FF7C0000	FF7C0000	FF7C0000	00000029	C4000000	FE000000	0000008A	D1	03	00000045	6	
CLK 23	FF0F0000	FF0F0000	FF0F0000	FF0F0000	000000A7	10000000	FE000000	0000008A	D1	02	00000045	2	
CLK 24	FF7C0000	FF7C0000	FF7C0000	FF7C0000	0000029C	40000000	FE000000	0000008A	D1	02	00000045	6	
CLK 25	FF0F0000	FF0F0000	FF0F0000	FF0F0000	0000A710	00000000	FE000000	0000008A	D1	01	00000045	2	
CLK 26	FF7C0000	FF7C0000	FF7C0000	FF7C0000	000029C4	00000000	FE000000	0000008A	D1	01	00000045	6	
CLK 27	FF0F0000	FF0F0000	FF0F0000	FF0F0000	0000A710	00000000	FE000000	0000008A	D1	00	00000045	2	
CLK 28	FF7C0000	FF7C0000	FF7C0000	FF7C0000	000029C4	00000000	FE000000	0000008A	D1	00	00000045	6	
CLK 29	FF0F0000	FF0F0000	FF0F0000	FF0F0000	000A7100	00000000	FE000000	0000008A	D1	FF	00000045	2	
CLK 30	00000000	00000037	00000000	00000037	0029C400	00000000	FF000000	00000045	D1	FF	00000045	5	
PH 08	00000000	00000037	00000000	00000037	0029C400	00000000	FF000000	00000045	D1	FF	00000045	5	
PH 09	00000000	00000037	00000000	00000037	0029C400	00000000	FF000000	00000045	D1	FF	11FFFFFF	5	
PH 10	00000000	00000037	00000000	00000037	0029C400	00000000	FF000000	00000045	D1	FF	11FFFFFF	5	

TEST	N9	FC	R	EW	RU1	EWU1						
FML	29	5	CC1FC7CF	C3FCA5A5	B5631AF2	7FFFFFFF						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	031FC7CF	CC000000	00000000	00000000	00000000	00000000	00000000	00000000	D1	FF	CC1FC7CF	5
PH 02	03FCA5A5	C3000000	FF1FC7CF	CC000000	00F3E3F8	00000000	00000000	00000000	00	05	C3FCA5A5	0
PH 03	FF232229	EF800000	FF1FC7CF	B3000000	00F3E3F8	00000000	FFCA5A5	C3800000	00	05	B5631AF2	0
PH 04	FF232229	7FFFFFFF	FF1FC7CF	B5631AF2	004F58C6	ADF3E3F8	FFCA5A5	C3800000	EF	0D	7FFFFFFF	1
PH 05	FFCA5A5	7FFFFFFF	FF1FC7CF	B5631AF2	004F58C6	ADF3E3F8	FFCA5A5	7FFFFFFF	EF	0D	7FFFFFFF	0
CLK 02	FFCA5A57	FFFFFFF0	FFCA5A57	FFFFFFF0	004F58C6	ADF3E3F8	FF1FC7CF	B5631AF2	EE	0D	7FFFFFFF	1
PH 06	00E03830	4A9CE50E	FFCA5A57	FFFFFFF0	004F58C6	ADF3E3F8	FF1FC7CF	B5631AF2	EE	0D	7FFFFFFF	0
PH 07	00000000	00000000	00E03830	4A9CE50E	004F58C6	ADF3E3F8	FFCA5A57	FFFFFFF0	EE	0D	7FFFFFFF	0
CLK 02	FF9484AF	FFFFFFF0	00000000	00000000	003D631A	B7CF8FE0	FF9484AF	FFFFFFF0	EE	0D	7FFFFFFF	6
CLK 03	FFE52D2B	FFFFFFF8	FFE52D2B	FFFFFFF8	004F58C6	ADF3E3F8	FF9484AF	FFFFFFF0	EE	0C	7FFFFFFF	2
CLK 04	002EF0F3	0000000E	FF9484AF	FFFFFFF8	00D631A8	7CF8FE00	FFCA5A57	FFFFFFF0	EE	0C	7FFFFFFF	5
CLK 05	00088C3C	C0000003	00088C3C	C0000003	0058C6AD	F3E3F801	FF9484AF	FFFFFFF0	EE	08	7FFFFFFF	3
CLK 06	003894B7	30000010	0002EF0F	30000000	00631AB7	CF8FE007	FFCA5A57	FFFFFFF0	EE	08	7FFFFFFF	5
CLK 07	0043CA05	CC000014	000E252D	CC000004	008C6ADF	3E3F801C	FFCA5A57	FFFFFFF0	EE	0A	7FFFFFFF	1
CLK 08	FFA5A765	72FFFFFF5	0010F2B5	73000005	0031AB7C	F8FE0070	FF9484AF	FFFFFFF0	EE	0A	7FFFFFFF	6
CLK 09	FFE969D9	5CBFFFFFF9	FFE969D9	5CBFFFFFF9	00C6ADF3	E3F801C2	FF9484AF	FFFFFFF0	EE	09	7FFFFFFF	2
CLK 10	0030001E	5730000E	FFFA5A76	572FFFFFF8	001AB7CF	8FE0070A	FFCA5A57	FFFFFFF0	EE	09	7FFFFFFF	5
CLK 11	FFD65A5F	95CBFFF3	000C0007	95CC0003	006ADF3E	3F801C29	FFCA5A57	FFFFFFF0	EE	08	7FFFFFFF	0
CLK 12	FF8A4B47	E572FFDC	FFF59697	E572FFDC	00A87CF8	FE0070A7	FF9484AF	FFFFFFF0	EE	08	7FFFFFFF	6
CLK 13	FFACED29	F95CBFE7	FFE292D1	F95CBFF7	00ADF3E3	F801C29C	FFCA5A57	FFFFFFF0	EE	07	7FFFFFFF	0
CLK 14	FFB595A2	7E572FE9	FFEB334A	7E572FE9	00B7CF8F	E0070A73	FFCA5A57	FFFFFFF0	EE	07	7FFFFFFF	4
CLK 15	FFB78FC0	9F95C8EA	FFED6568	9F95C8FA	00DF3E3F	801C29CE	FFCA5A57	FFFFFFF0	EE	06	7FFFFFFF	0
CLK 16	00239598	27E5730A	FFDEF000	27E572FA	007CF8FE	0070A739	FFCA5A57	FFFFFFF0	EE	06	7FFFFFFF	5
CLK 17	003E850E	09F95CD2	0008E566	09F95CC2	00F3E3F8	01C29CE5	FFCA5A57	FFFFFFF0	EE	05	7FFFFFFF	1
CLK 18	000FA2C3	827E5734	000FA2C3	827E5734	00CF8FE0	070A7395	FF9484AF	FFFFFFF0	EE	05	7FFFFFFF	7
CLK 19	0003E8B0	E09F95C0	0003E8B0	E09F95C0	003E3F80	1C29CE54	FF9484AF	FFFFFFF0	EE	04	7FFFFFFF	3
CLK 20	FFC85484	3827E563	0000FA2C	3827E573	00F8FE00	70A73952	FFCA5A57	FFFFFFF0	EE	04	7FFFFFFF	4
CLK 21	00287AC9	0E09F968	FFF2D521	0E09F958	00F3F801	C29CE548	FFCA5A57	FFFFFFF0	EE	03	7FFFFFFF	1
CLK 22	000A1EB2	43827E5A	000A1EB2	43827E5A	008FE007	0A73952C	FF9484AF	FFFFFFF0	EE	03	7FFFFFFF	7
CLK 23	FF973C5C	90E09F76	000287AC	90E09F96	003F801C	29CE5481	FF9484AF	FFFFFFF0	EE	02	7FFFFFFF	2
CLK 24	FFE5CF17	243827DD	FFE5CF17	243827DD	00FE0070	A73952C5	FF9484AF	FFFFFFF0	EE	02	7FFFFFFF	6
CLK 25	002F196D	C90E0A07	FFF973C5	C90E09F7	00F801C2	9CE54816	FFCA5A57	FFFFFFF0	EE	01	7FFFFFFF	1
CLK 26	0009C65B	72438281	0009C65B	72438281	00E0070A	73952C5B	FF9484AF	FFFFFFF0	EE	01	7FFFFFFF	7
CLK 27	0002F196	DC90E0A0	0002F196	DC90E0A0	00801C29	CE54816E	FF9484AF	FFFFFFF0	EE	00	7FFFFFFF	3
CLK 28	FF957115	B7243808	0000BC65	B7243828	000070A7	3952C588	FF9484AF	FFFFFFF0	EE	00	7FFFFFFF	6
CLK 29	FFE55C45	6DC90E02	FFE55C45	6DC90E02	001C29C	E54816E0	FF9484AF	FFFFFFF0	EE	FF	7FFFFFFF	2
CLK 30	002EFC99	5B724390	FFF95711	5B724380	00070A73	952C5B81	FFCA5A57	FFFFFFF0	EE	FF	7FFFFFFF	5

TEST	N9	FC	R	EW	RU1	EWU1						
FML	29	5	CC1FC7CF	C3FCA5A5	B5631AF2	7FFFFFFF						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 08	002EFC99	5B724390	002EFC99	5B724390	00070A73	952C5B81	FFCA5A57	FFFFFFF0	EE	FF	7FFFFFFF	5
PH 09	002EFC99	5B724390	002EFC99	5B724390	00070A73	952C5B81	FFCA5A57	FFFFFFF0	EE	FF	5B724390	5
PH 10	002EFC99	5B724390	002EFC99	5B724390	00070A73	952C5B81	FFCA5A57	FFFFFFF0	EE	FF	2L2EFC99	5

Table with columns: TEST N# FC R EW RU1 EWU1. Rows include CYCLE, PH, and CLK data for various test cases like S(45=71), S(00=31), A(47=71), etc.

Table with columns: TEST N# FC R EW RU1 EWU1. Rows include CYCLE, PH, and CLK data for various test cases like S(45=71), S(00=31), A(47=71), etc.

Table with columns: TEST FML, NO, FC, R, EW, RU1, EWU1, CYC, E, F, FP, SW. Rows include test data for floating point operations like addition and multiplication.

Table with columns: TEST FML, NO, FC, R, EW, RU1, EWU1, CYC, E, F, FP, SW. Rows include test data for floating point operations like division and subtraction.

TEST N°	FC	R	EW	RU1	EWU1								
FML	34	5	43043218	285FA631	4C798B51	5DAB9C62							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00043218	43000000	00000000	00000000	00000000	00000000	00000000	00000000	F9	FF	43043218	4	
PH 02	005FA631	28000000	00043218	43000000	00184C20	00000000	00000000	00000000	00	05	285FA631	0	
PH 03	0063D849	EE000000	00043218	C3000000	00184C20	00000000	005FA631	28000000	00	05	4C798B51	0	
PH 04	0063D849	5DAB9C62	00043218	4C798B51	008AD19E	32184C20	005FA631	28000000	EE	0D	5DAB9C62	0	
PH 06	00043218	4C798B51	00043218	4C798B51	008AD19E	32184C20	005FA631	5DAB9C62	EE	0D	5DAB9C62	0	
CLK 02	00043218	C798B510	00432184	C798B510	008AD19E	32184C20	005FA631	5DAB9C62	ED	0C	5DAB9C62	0	
PH 07	00000000	00000000	00432184	C798B510	008AD19E	32184C20	005FA631	5DAB9C62	ED	0C	5DAB9C62	0	
CLK 02	005FA631	5DAB9C62	00000000	00000000	002B4678	C8613080	005FA631	5DAB9C62	ED	0C	5DAB9C62	4	
CLK 03	0017E98C	576AE718	0017E98C	576AE718	00AD19E3	2184C201	00BF4C62	BB5738C4	ED	0B	5DAB9C62	2	
CLK 04	0065A094	73865628	0005FA63	15DAB9C6	0084678C	86130804	005FA631	5DAB9C62	ED	0B	5DAB9C62	4	
CLK 05	00790E56	7A8D31EC	00196825	1CE1958A	00D19E32	184C2010	005FA631	5DAB9C62	ED	0A	5DAB9C62	0	
CLK 06	FFBE9D64	40F7B019	001E4395	9EA34C7B	004678C8	61308040	005FA631	5DAB9C62	ED	0A	5DAB9C62	5	
CLK 07	FF900127	B2924FA4	FFFA7579	103DEC06	0019E321	84C20102	005FA631	5DAB9C62	ED	09	5DAB9C62	1	
CLK 08	0043A67B	4A50304B	FFE40049	ECA493E9	00678C86	13080408	005FA631	5DAB9C62	ED	09	5DAB9C62	4	
CLK 09	00D03601	8DEB44D6	0010E99E	D2940C12	009E3218	4C201023	00BF4C62	BB5738C4	ED	08	5DAB9C62	2	
CLK 10	0093B3B1	C1266D97	00340D80	637AD135	0078C861	3080408D	005FA631	5DAB9C62	ED	08	5DAB9C62	4	
CLK 11	00E4394F	2BA0D429	0024ECEC	70499B65	00E32184	C2010237	00BF4C62	BB5738C4	ED	07	5DAB9C62	2	
CLK 12	FFD96822	6D3C98A8	00390E53	CAE8350A	008C8613	080408DE	005FA631	5DAB9C62	ED	07	5DAB9C62	5	
CLK 13	00B5A66B	56A65EE	FFF65A08	984F262A	0032184C	20102378	00BF4C62	BB5738C4	ED	06	5DAB9C62	2	
CLK 14	002D699A	D5A9978B	002D699A	D5A9978B	00C86130	80408DE1	00BF4C62	BB5738C4	ED	06	5DAB9C62	6	
CLK 15	FFAB8435	57BEC98C	00B5A66B	R56A65EE	002184C2	01023787	005FA631	5DAB9C62	ED	05	5DAB9C62	1	
CLK 16	004A933E	B39B4EC5	FFEAED0D	55EFB263	00861308	0408DE1C	005FA631	5DAB9C62	ED	05	5DAB9C62	4	
CLK 17	00724B01	0A927013	0C12A4CF	ACE6D3B1	00184C20	10237872	005FA631	5DAB9C62	ED	04	5DAB9C62	0	
CLK 18	001C92C0	42A49C04	001C92C0	42A49C04	00613080	408DE1CB	00BF4C62	BB5738C4	ED	04	5DAB9C62	6	
CLK 19	00C67112	CC005FC5	000724B0	10A92701	0084C201	0237872C	00BF4C62	BB5738C4	ED	03	5DAB9C62	2	
CLK 20	00914276	10AB8453	00319C44	B30017F1	00130804	08DE1CB2	005FA631	5DAB9C62	ED	03	5DAB9C62	4	
CLK 21	0024509D	842AED14	0024509D	842AED14	004C2010	237872CB	00BF4C62	BB5738C4	ED	02	5DAB9C62	2	
CLK 22	00C860A9	1C61F409	00091427	610AB845	00330804	8DE1CB2C	00BF4C62	BB5738C4	ED	02	5DAB9C62	6	
CLK 23	00321822	87187D02	00321822	87187D02	00C20102	37872C82	00BF4C62	BB5738C4	ED	01	5DAB9C62	2	
CLK 24	FFACDFD7	441A82DE	000C8608	A1C61F40	00080408	DE1CB2C9	005FA631	5DAB9C62	ED	01	5DAB9C62	5	
CLK 25	004ADE27	2EB23D19	FFEB37F5	D106A0B7	00201023	7872CB25	005FA631	5DAB9C62	ED	00	5DAB9C62	0	
CLK 26	0012B789	C3AC8F46	0012B789	C3AC8F46	0080408D	E1CB2C96	00BF4C62	BB5738C4	ED	00	5DAB9C62	6	
CLK 27	00645413	D096C033	0004AD2E	72E82301	00010237	872CB259	005FA631	5DAB9C62	ED	FF	5DAB9C62	0	
CLK 28	00191504	F425B00C	00191504	F425B00C	000408DE	1CB2C967	00BF4C62	BB5738C4	ED	FF	5DAB9C62	6	
PH 08	00191504	F425B00C	00191504	F425B00C	000408DE	1CB2C967	00BF4C62	BB5738C4	ED	FF	5DAB9C62	6	
PH 09	00191504	F425B00C	00191504	F425B00C	000408DE	1CB2C967	00BF4C62	BB5738C4	ED	FF	F425B00C	6	
PH 10	00191504	F425B00C	00191504	F425B00C	000408DE	1CB2C967	00BF4C62	BB5738C4	ED	FF	2J191504	6	

TEST N°	FC	R	EW	RU1	EWU1								
FML	35	5	38667A40	E699AD73	E48DDFR2	916CDOA5							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00667A40	38000000	00000000	00000000	00000000	00000000	00000000	00000000	ED	FF	38667A40	6	
PH 02	0399AD73	E6000000	00667A40	38000000	00025E66	00000000	00000000	00000000	00	05	E699AD73	0	
PH 03	00CCCCC	D4800000	00667A40	B8000000	00025E66	00000000	FF99AD73	E6800000	00	05	E48DDFR2	0	
PH 04	00CCCCC	916CDOA5	00667A40	E48DDFR2	0041FB81	27025E66	FF99AD73	E6800000	D4	0D	916CDOA5	1	
PH 07	00000000	00000000	00667A40	E48DDFR2	0041FB81	27025E66	FF99AD73	916CDOA5	D4	0D	916CDOA5	1	
CLK 02	FF335AE7	22D9A14A	00000000	00000000	0007EEC4	9C097998	FF335AE7	22D9A14A	D4	0D	916CDOA5	6	
CLK 03	00332946	374997A0	FFCCD6B9	C8866852	001FB312	7025E661	FF99AD73	916CDOA5	D4	0C	916CDOA5	1	
CLK 04	000CCA51	8DD265E8	000CCA51	8DD265E8	007EEC49	C0979986	FF335AE7	22D9A14A	D4	0C	916CDOA5	7	
CLK 05	FF368D7B	864E3AC4	00033294	6374997A	00FB3127	025E661B	FF335AE7	22D9A14A	D4	0B	916CDOA5	2	
CLK 06	FFCDA35E	E1938E81	FFCDA35E	E1938E81	00EEC49C	0979986C	FF335AE7	22D9A14A	D4	0B	916CDOA5	6	
CLK 07	FFF368D7	B864E3AC	FFF368D7	B864E3AC	00B31270	25E661B2	FF335AE7	22D9A14A	D4	0A	916CDOA5	2	
CLK 08	FF30351D	10F2DA35	FFFCDA35	EE1938E8	00EC49C0	979986C8	FF335AE7	22D9A14A	D4	0A	916CDOA5	6	
CLK 09	FFCC0D47	443CB68D	FFCC0D47	443CB68D	00B12702	5E661B22	FF335AE7	22D9A14A	D4	09	916CDOA5	2	
CLK 10	FF265E38	F3E8CEED	FFF30351	D10F2DA3	00C49C09	79986C8A	FF335AE7	22D9A14A	D4	09	916CDOA5	6	
CLK 11	FFC9977E	3CF A338B	FFC9977E	3CF A338B	00127025	E661B22A	FF335AE7	22D9A14A	D4	08	916CDOA5	2	
CLK 12	0058B84F	FD018C49	FFF265E3	8F3E8CEE	0049C097	9986C8A3	FF99AD73	916CDOA5	D4	08	916CDOA5	5	
CLK 13	FF498903	224E105C	00162E1B	FF746F12	0027025E	661B22AE	FF335AE7	22D9A14A	D4	07	916CDOA5	2	
CLK 14	003834C0	372AB372	FFD26240	C8938417	009C0979	986C8A88	FF99AD73	916CDOA5	D4	07	916CDOA5	5	
CLK 15	00747F8F	RC5C0C37	000E2D33	4DC9ACD0	00070256	61822AE1	FF99AD73	916CDOA5	D4	06	916CDOA5	1	
CLK 16	FF507A07	11F0D857	001D1FEF	EF17370D	00C09799	86C8A887	FF335AE7	22D9A14A	D4	06	916CDOA5	6	
CLK 17	FFD41E85	C47C3615	FFD41E85	C47C3615	00025E66	1B22AE1F	FF335AE7	22D9A14A	D4	05	916CDOA5	2	
CLK 18	00585A39	DFB23CE0	FFF5074D	711F0D85	00097998	6C8A887E	FF99AD73	916CDOA5	D4	05	916CDOA5	5	
CLK 19	0016D69E	77EC8F38	0016D69E	77EC8F38	0025E661	922AE1F8	FF335AE7	22D9A14A	D4	04	916CDOA5	3	
CLK 20	000585A3	9DF823CE	000585A3	9DF823CE	00979986	C8A8870E	FF335AE7	22D9A14A	D4	04	916CDOA5	7	
CLK 21	0067BFF5	5611F84E	00016D48	E77EC8F3	005E661B	22AE1F81	FF99AD73	916CDOA5	D4	03	916CDOA5	1	
CLK 22	FF404AE4	785E1F5D	0019EFPD	55847E13	0079986C	8A887E05	FF335AE7	22D9A14A	D4	03	916CDOA5	6	
CLK 23	FF6D002C	AF84587C	FFD35289	1E178707	00E661B2	2AE1F816	FF99AD73	916CDOA5	D4	02	916CDOA5	0	
CLK 24	FFD8400B	2BE1161F	FFDB400B	2BE1161F	009986C8	AB870558	FF335AE7	22D9A14A	D4	02	916CDOA5	6	
CLK 25	FF2A2AE9	EDD1E6D1	FFF6D002	CAF84587	00661B22	AE1F8163	FF335AE7	22D9A14A	D4	01	916CDOA5	2	
CLK 26	FF64382E	0CE14A59	FFCA8A9A	7B747984	00986C8A	B87C058E	FF99AD73	916CDOA5	D4	01	916CDOA5	4	
CLK 27	FFFC68F2	A611F3E0	FFD90E0B	83385296	0061B22A	E1F8163A	FF335AE7	22D9A14A	D4	00	916CDOA5	2	
CLK 28	FF5CC79D	3AF14D9D	FFC31A3C	A9847CF8	0086C8A8	87E058E8	FF99AD73	916CDOA5	D4	00	916CDOA5	4	
CLK 29	FF0A8C03	3195F481	FFD731EC	0FBC5367	001322AE	1F8163A2	FF335AE7	22D9A14A	D4	FF	916CDOA5	2	

TEST NO	FC	R	EW	RU1	EWU1							
FML	40	5	1CC7FCFC	5A5F76B0	37C1F3C1	1CC95618						
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	00C7FCFC	1C000000	00000000	00000000	00000000	00000000	00000000	00000000	13	FF	1CC7FCFC	7
PH 02	005F76B0	5A000000	00C7FCFC	1C000000	003F3FE3	00000000	00000000	00000000	00	05	5A5F76B0	0
PH 03	012773AC	F6000000	00C7FCFC	9C000000	003F3FE3	00000000	005F76B0	5A000000	00	05	37C1F3C1	0
PH 04	012773AC	1CC95618	00C7FCFC	37C1F3C1	0083CF83	EC3F3FE3	005F76B0	5A000000	F6	0D	1CC95618	0
PH 07	00000000	00000000	00C7FCFC	37C1F3C1	0083CF83	EC3F3FE3	005F76B0	1CC95618	F6	0D	1CC95618	0
CLX 02	005F76B0	1CC95618	00000000	00000000	000F3E0F	B0FCFF8C	005F76B0	1CC95618	F6	0D	1CC95618	4
CLX 03	0017DDAC	07325586	0017DDAC	07325586	003CF83E	C3F3FE30	008EED60	3992AC30	F6	0C	1CC95618	2
CLX 04	0005F76B	01CC9561	0005F76B	01CC9561	00F3E0F8	0FCFF8C1	008EED60	3992AC30	F6	0C	1CC95618	6
CLX 05	FFA2072A	A3A9CF40	00017DDA	C0732558	00CF83EC	3F3FE306	005F76B0	1CC95618	F6	0B	1CC95618	1
CLX 06	FFE881CA	A8EA73D0	FFE881CA	A8EA73D0	003E0FB0	F3FF8C18	008EED60	3992AC30	F6	08	1CC95618	7
CLX 07	0059972C	C703F30C	FFFA2072	AA3A9CF4	00F83EC3	F3FE3060	005F76B0	1CC95618	F6	0A	1CC95618	0
CLX 08	FFB6E6F8	94F7A6A8	001665C8	B1C0FCC3	00E0FB0F	CFF8C180	005F76B0	1CC95618	F6	0A	1CC95618	5
CLX 09	FFEDB8C6	253DE9AA	FFEDB8C6	253DE9AA	0083EC3F	3FE30603	008EED60	3992AC30	F6	09	1CC95618	3
CLX 10	00BA5C51	C2E2269A	FFFB6E6F	894F7A6A	00F80FCF	FF8C180D	008EED60	3992AC30	F6	09	1CC95618	6
CLX 11	002E9714	708889A6	002E9714	708889A6	003EC3F3	FE306035	008EED60	3992AC30	F6	08	1CC95618	2
CLX 12	000BA5C5	1C2E2269	000BA5C5	1C2E2269	00FB0FCF	F8C180D5	008EED60	3992AC30	F6	08	1CC95618	6
CLX 13	FFA372C1	2A423282	0002E971	470B889A	00EC3F3F	E3060356	005F76B0	1CC95618	F6	07	1CC95618	1
CLX 14	FFE8DCB0	4A908CA0	FFE8DCB0	4A908CA0	00B0FCFF	8C180D59	008EED60	3992AC30	F6	07	1CC95618	7
CLX 15	0089248C	4C36CF58	FFFA372C	12A42328	00C3F3FE	30603564	008EED60	3992AC30	F6	06	1CC95618	2
CLX 16	FFCED272	F6445D8E	002E4923	130DB3D6	000FCFF8	C180D590	005F76B0	1CC95618	F6	06	1CC95618	5
CLX 17	00532B4C	DA5A6D87	FFF3BA9C	B091176F	003F3FE3	06035641	005F76B0	1CC95618	F6	05	1CC95618	0
CLX 18	0014CAD3	36969B61	0014CAD3	36969B61	00FCFF8C	180D5907	008EED60	3992AC30	F6	05	1CC95618	6
CLX 19	FFA5BCC4	B0DC50C0	00053284	C0A5A6D8	00F3FE30	6035641E	005F76B0	1CC95618	F6	04	1CC95618	1
CLX 20	FFE96F01	2C371430	FFE96F01	2C371430	00CF8C18	80D59078	008EED60	3992AC30	F6	04	1CC95618	7
CLX 21	FFFA5B3C	4B0DC50C	FFFA5B3C	4B0DC50C	003FE306	035641E0	008EED60	3992AC30	F6	03	1CC95618	3
CLX 22	005E0DA0	2F8CC75B	FFFE96F0	12C37143	00FF8C18	0D590780	005F76B0	1CC95618	F6	03	1CC95618	4
CLX 23	FFB80C87	EF19DBBE	00178368	08E331D6	00FE3060	35641E03	005F76B0	1CC95618	F6	02	1CC95618	1
CLX 24	FFEE032D	F3C676EF	FFEE032D	F3C676EF	00F8C180	D590780D	008EED60	3992AC30	F6	02	1CC95618	7
CLX 25	FFFB80C8	7EF19DBB	FFFB80C8	7EF19DBB	00E30603	5641E037	008EED60	3992AC30	F6	01	1CC95618	3
CLX 26	FFFE032D	DF8C676E	FFFE032D	DF8C676E	008C180D	590780DF	008EED60	3992AC30	F6	01	1CC95618	7
CLX 27	008EA56C	F181C6C8	FFFFB80C	H7EF19DB	00306035	641E037D	008EED60	3992AC30	F6	00	1CC95618	2
CLX 28	002FA95B	3C607182	002FA95B	3C607182	00C180D5	90780DF7	008EED60	3992AC30	F6	00	1CC95618	6
CLX 29	FFAC73A6	B24EC648	000BEA56	CF181C60	00060356	41E037DD	005F76B0	1CC95618	F6	FF	1CC95618	1
CLX 30	004A9399	C95D07AA	FFEB1CE9	AC93B192	00180D59	0780DF74	005F76B0	1CC95618	F6	FF	1CC95618	4
PH 08	004A9399	C95D07AA	004A9399	C95D07AA	00180D59	0780DF74	005F76B0	1CC95618	F6	FF	1CC95618	4
PH 09	004A9399	C95D07AA	004A9399	C95D07AA	00180D59	0780DF74	005F76B0	1CC95618	F6	FF	C95D07AA	4
PH 10	004A9399	C95D07AA	004A9399	C95D07AA	00180D59	0780DF74	005F76B0	1CC95618	F6	FF	364A9399	4

TEST NO	FC	R	EW	RU1	EWU1							
FMS	01	5	46555555	F9555555								
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	00555555	46000000	00000000	00000000	00000000	00000000	00000000	00000000	F6	FF	46555555	4
PH 02	03555555	F8000000	00555555	46000000	00AAAAAA	00000000	00000000	00000000	00	05	F8555555	0
PH 03	00FFFFFF	CA800000	00555555	C6000000	00AAAAAA	00000000	FF555555	F8800000	00	05	00000000	0
PH 04	00FFFFFF	00000000	00555555	00000000	00AAAAAA	00000000	FF555555	F8800000	CA	05	00000000	1
PH 07	00000000	00000000	00555555	00000000	00AAAAAA	00000000	FF555555	00000000	CA	05	00000000	1
CLX 02	00AAAAAA	00000000	00000000	00000000	00AAAAAA	00000000	FF555555	00000000	CA	05	00000000	5
CLX 03	00555555	C0000000	002AAAAA	C0000000	00AAAAAA	00000000	FF555555	00000000	CA	04	00000000	1
CLX 04	00F00000	70000000	00355555	70000000	00AAAAAA	00000000	FF555555	00000000	CA	04	00000000	5
CLX 05	00E2AAAA	1C000000	00380000	1C000000	00AAAAAA	00000000	FF555555	00000000	CA	03	00000000	1
CLX 06	00E35555	C7000000	0038AAAA	C7000000	00AAAAAA	00000000	FF555555	00000000	CA	03	00000000	5
CLX 07	00E38000	71C00000	0038D555	71C00000	00AAAA00	00000000	FF555555	00000000	CA	02	00000000	1
CLX 08	00E38AAB	1C700000	0038E000	1C700000	00AA8000	00000000	FF555555	00000000	CA	02	00000000	5
CLX 09	00E38D55	C71C0000	0038E2AA	C71C0000	00AA8000	00000000	FF555555	00000000	CA	01	00000000	1
CLX 10	00E38E00	71C70000	0038E355	71C70000	00A80000	00000000	FF555555	00000000	CA	01	00000000	5
CLX 11	00E38E2B	1C71C000	0038E38A	1C71C000	00A00000	00000000	FF555555	00000000	CA	00	00000000	1
CLX 12	00E38E35	C71C7000	0038E38A	C71C7000	00800000	00000000	FF555555	00000000	CA	00	00000000	5
CLX 13	00E38E38	71C71C00	0038E38D	71C71C00	00000000	00000000	FF555555	00000000	CA	FF	00000000	1
CLX 14	0038E38E	1C71C700	0038E38E	1C71C700	00000000	00000000	FEAAAAAA	00000000	CA	FF	00000000	7
PH 08	0038E38E	1C71C700	0038E38E	1C71C700	00000000	00000000	FEAAAAAA	00000000	CA	FF	00000000	7
PH 09	FFC71C71	E38E3900	0038E38E	1C71C700	00000000	00000000	FEAAAAAA	00000000	CA	FF	E38E3900	7
PH 10	FFC71C71	E38E3900	0038E38E	1C71C700	00000000	00000000	FEAAAAAA	00000000	35	FF	F5C71C71	7

TEST NO	FC	R	EW	RUI	EWU1								
FMS	02	5	08AAAAAA	BAAAAAAA									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00AAAAAA	08000000	00000000	00000000	00000000	00000000	00000000	00000000	35	FF	08AAAAAA	7	
PH 02	03AAAAAA	BA000000	00AAAAAA	08000000	00555555	00000000	00000000	00000000	00	05	BAAAAAAA	0	
PH 03	00FFFFFF	CD800000	00AAAAAA	88000000	00555555	00000000	FFAAAAAA	BA800000	00	05	00000000	0	
PH 04	00FFFFFF	00000000	00AAAAAA	00000000	00555555	00000000	FFAAAAAA	BA800000	CD	05	00000000	1	
PH 07	00000000	00000000	00AAAAAA	00000000	00555555	00000000	FFAAAAAA	00000000	CD	05	00000000	1	
CLK 02	FF555554	00000000	00000000	00000000	00555554	00000000	FF555554	00000000	CD	05	00000000	6	
CLK 03	FF7FFFFF	00000000	FFD55555	00000000	00555550	00000000	FFAAAAAA	00000000	CD	04	00000000	0	
CLK 04	FF8AAAA9	C0000000	FFDFFFFF	C0000000	00555540	00000000	FFAAAAAA	00000000	CD	04	00000000	4	
CLK 05	FF8D5554	70000000	FFE2AAAA	70000000	00555500	00000000	FFAAAAAA	00000000	CD	03	00000000	0	
CLK 06	FF8DFFFF	1C000000	FFE35555	1C000000	00555400	00000000	FFAAAAAA	00000000	CD	03	00000000	4	
CLK 07	FF8E2AA9	C7000000	FFE37FFF	C7000000	00555000	00000000	FFAAAAAA	00000000	CD	02	00000000	0	
CLK 08	FF8E3554	71C00000	FFE38AAA	71C00000	00554000	00000000	FFAAAAAA	00000000	CD	02	00000000	4	
CLK 09	FF8E37FF	1C700000	FFE38D55	1C700000	00550000	00000000	FFAAAAAA	00000000	CD	01	00000000	0	
CLK 10	FF8E38A9	C71C0000	FFE38DFF	C71C0000	00540000	00000000	FFAAAAAA	00000000	CD	01	00000000	4	
CLK 11	FF8E38D4	71C70000	FFE38E2A	71C70000	00500000	00000000	FFAAAAAA	00000000	CD	00	00000000	0	
CLK 12	FF8E38D4	1C71C000	FFE38E35	1C71C000	00400000	00000000	FFAAAAAA	00000000	CD	00	00000000	4	
CLK 13	FF8E38E1	C71C7000	FFE38E37	C71C7000	00000000	00000000	FFAAAAAA	00000000	CD	FF	00000000	0	
CLK 14	0038E38E	71C71C00	FFE38E38	71C71C00	00000000	00000000	FFAAAAAA	00000000	CD	FF	00000000	5	
PH 08	0038E38E	71C71C00	0038E38E	71C71C00	00000000	00000000	FFAAAAAA	00000000	CD	FF	00000000	5	
PH 09	FFC71C71	8E38E400	0038E38E	71C71C00	00000000	00000000	FFAAAAAA	00000000	CD	FF	8E38E400	5	
PH 10	FFC71C71	8E38E400	0038E38E	71C71C00	00000000	00000000	FFAAAAAA	00000000	32	FF	F2C71C71	5	

TEST NO	FC	R	EW	RUI	EWU1								
FMS	03	5	80000000	7F000000									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03000000	80000000	00000000	00000000	00000000	00000000	00000000	00000000	32	FF	80000000	5	
PH 02	00000000	7F000000	FF000000	80000000	00000000	00000000	00000000	00000000	00	05	7F000000	0	
PH 03	FF000001	7E000000	FF000000	FF000000	00000000	00000000	00000000	7F000000	00	05	00000000	0	
PH 04	FF000001	00000000	FF000000	00000000	00000000	00000000	00000000	7F000000	7E	05	00000000	1	
PH 05	00000000	00000000	FF000000	00000000	00000000	00000000	00000000	00000000	7E	05	00000000	0	
CLK 02	00000000	00000000	00000000	00000000	00000000	00000000	FF000000	00000000	7D	05	00000000	0	
PH 09	00000000	00000000	00000000	00000000	00000000	00000000	FF000000	00000000	7D	05	00000000	0	
PH 10	00000000	00000000	00000000	00000000	00000000	00000000	FF000000	00000000	82	05	00000000	0	

TEST N°	FC	R	EW	RUI	EWU1								
FMS 04	5	01100000	3F100000										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00100000	01000000	00000000	00000000	00000000	00000000	00000000	00000000	82	05	01100000	0	
PH 02	00100000	3F000000	00100000	01000000	00000000	00000000	00000000	00000000	00	05	3F100000	0	
PH 03	00200000	C0000000	00100000	81000000	00000000	00000000	00100000	3F000000	00	05	00000000	0	
PH 04	00200000	00000000	00100000	00000000	00000000	00000000	00100000	3F000000	C0	05	00000000	0	
PH 07	00000000	00000000	00100000	00000000	00000000	00000000	00100000	00000000	C0	05	00000000	0	
CLK 02	00000000	00000000	00000000	00000000	00000020	00000000	00200000	00000000	C0	05	00000000	6	
CLK 03	00000000	00000000	00000000	00000000	00000080	00000000	00200000	00000000	C0	04	00000000	2	
CLK 04	00000000	00000000	00000000	00000000	00000200	00000000	00200000	00000000	C0	04	00000000	6	
CLK 05	00000000	00000000	00000000	00000000	00000800	00000000	00200000	00000000	C0	03	00000000	2	
CLK 06	00000000	00000000	00000000	00000000	00002000	00000000	00200000	00000000	C0	03	00000000	6	
CLK 07	00000000	00000000	00000000	00000000	00008000	00000000	00200000	00000000	C0	02	00000000	2	
CLK 08	00000000	00000000	00000000	00000000	00020000	00000000	00200000	00000000	C0	02	00000000	6	
CLK 09	00000000	00000000	00000000	00000000	00080000	00000000	00200000	00000000	C0	01	00000000	2	
CLK 10	00000000	00000000	00000000	00000000	00200000	00000000	00200000	00000000	C0	01	00000000	6	
CLK 11	00000000	00000000	00000000	00000000	00800000	00000000	00200000	00000000	C0	00	00000000	2	
CLK 12	00100000	00000000	00000000	00000000	00000000	00000000	00100000	00000000	C0	00	00000000	4	
CLK 13	00040000	00000000	00040000	00000000	00000000	00000000	00200000	00000000	C0	FF	00000000	2	
CLK 14	00010000	00000000	00010000	00000000	00000000	00000000	00200000	00000000	C0	FF	00000000	6	
PH 08	00010000	00000000	00010000	00000000	00000000	00000000	00200000	00000000	C0	FF	00000000	6	
PH 09	00100000	00000000	00100000	00000000	00000000	00000000	00200000	00000000	BF	FF	00000000	6	
PH 10	00100000	00000000	00100000	00000000	00000000	00000000	00200000	00000000	BF	FF	00000000	6	

TEST N°	FC	R	EW	RUI	EWU1								
FMS 05	5	CF000000	CF000000										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03F00000	CF000000	00000000	00000000	00000000	00000000	00000000	00000000	BF	FF	CF000000	6	
PH 02	03F00000	CF000000	FFF00000	CF000000	00000000	00000000	00000000	00000000	00	05	CF000000	0	
PH 03	FFFFFFFF	E0800000	FFF00000	80000000	00000000	00000000	FFF00000	CF800000	00	05	00000000	0	
PH 04	FFFFFFFF	00000000	FFF00000	00000000	00000000	00000000	FFF00000	CF800000	E0	05	00000000	1	
PH 05	FFF00000	00000000	FFF00000	00000000	00000000	00000000	FFF00000	00000000	E0	05	00000000	0	
CLK 02	FF000000	00000000	FF000000	00000000	00000000	00000000	FF000000	00000000	DF	05	00000000	1	
PH 06	00100000	00000000	FF000000	00000000	00000000	00000000	FF000000	00000000	DF	05	00000000	0	
CLK 02	01000000	00000000	01000000	00000000	00000000	00000000	FF000000	00000000	DE	04	00000000	0	
PH 07	00000000	00000000	01000000	00000000	00000000	00000000	FF000000	00000000	DE	04	00000000	0	
CLK 02	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	DE	04	00000000	6	
CLK 03	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	DE	03	00000000	2	
CLK 04	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	DE	03	00000000	6	
CLK 05	00000000	00000000	00000000	00000000	00000000	00000000	FE000000	00000000	DE	02	00000000	2	
CLK 06	00000000	00000000	00000000	00000000	00003000	00000000	FE000000	00000000	DE	02	00000000	6	
CLK 07	00000000	00000000	00000000	00000000	0000F000	00000000	FE000000	00000000	DE	01	00000000	2	
CLK 08	00000000	00000000	00000000	00000000	0003C000	00000000	FE000000	00000000	DE	01	00000000	6	
CLK 09	00000000	00000000	00000000	00000000	000F0000	00000000	FE000000	00000000	DE	00	00000000	2	
CLK 10	00000000	00000000	00000000	00000000	003C0000	00000000	FE000000	00000000	DE	00	00000000	6	
CLK 11	00000000	00000000	00000000	00000000	00F00000	00000000	FE000000	00000000	DE	FF	00000000	2	
CLK 12	01000000	00000000	00000000	00000000	00C00000	00000000	FF000000	00000000	DE	FF	00000000	5	
PH 08	01000000	00000000	01000000	00000000	00C00000	00000000	FF000000	00000000	DE	FF	00000000	5	
PH 09	00100000	00000000	00100000	00000000	00C00000	00000000	FF000000	00000000	DF	FF	00000000	5	
PH 10	00100000	00000000	00100000	00000000	00C00000	00000000	FF000000	00000000	DF	FF	1F100000	5	

TEST N°	FC	R	EW	RU1	EWU1									
FMS 06	7	3F100000	01100000											
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	00100000	3F000000	00000000	00000000	00000000	00000000	00000000	00000000	DF	FF	3F100000	5		
PH 02	00100000	01000000	00100000	3F000000	00000008	00000000	00000000	00000000	00	05	01100000	0		
PH 03	00200000	C0000000	00100000	Bf000000	00000008	00000000	00100000	01000000	00	05	00000000	0		
PH 04	00200000	00000000	00100000	00000000	00000008	00000000	00100000	01000000	C0	05	00000000	0		
PH 07	00000000	00000000	00100000	00000000	00000008	00000000	00100000	00000000	C0	05	00000000	0		
CLK 02	00000000	00000000	00000000	00000000	00000020	00000000	00200000	00000000	C0	05	00000000	6		
CLK 03	00000000	00000000	00000000	00000000	00000080	00000000	00200000	00000000	C0	04	00000000	2		
CLK 04	00000000	00000000	00000000	00000000	00000200	00000000	00200000	00000000	C0	04	00000000	6		
CLK 05	00000000	00000000	00000000	00000000	00000800	00000000	00200000	00000000	C0	03	00000000	2		
CLK 06	00000000	00000000	00000000	00000000	00002000	00000000	00200000	00000000	C0	03	00000000	6		
CLK 07	00000000	00000000	00000000	00000000	00008000	00000000	00200000	00000000	C0	02	00000000	2		
CLK 08	00000000	00000000	00000000	00000000	00020000	00000000	00200000	00000000	C0	02	00000000	6		
CLK 09	00000000	00000000	00000000	00000000	00080000	00000000	00200000	00000000	C0	01	00000000	2		
CLK 10	00000000	00000000	00000000	00000000	00200000	00000000	00200000	00000000	C0	01	00000000	6		
CLK 11	00000000	00000000	00000000	00000000	00000000	00000000	00200000	00000000	C0	00	00000000	2		
CLK 12	00100000	00000000	00000000	00000000	00000000	00000000	00100000	00000000	C0	00	00000000	4		
CLK 13	00040000	00000000	00040000	00000000	00000000	00000000	00200000	00000000	C0	FF	00000000	2		
CLK 14	00010000	00000000	00010000	00000000	00000000	00000000	00200000	00000000	C0	FF	00000000	6		
PH 08	00010000	00000000	00010000	00000000	00000000	00000000	00200000	00000000	C0	FF	00000000	6		
PH 09	00100000	00000000	00100000	00000000	00000000	00000000	00200000	00000000	BF	FF	00000000	6		
PH 10	00100000	00000000	00100000	00000000	00000000	00000000	00200000	00000000	BF	FF	7F100000	6		

TEST N°	FC	R	EW	RU1	EWU1									
FMS 07	5	61369A00	60159027											
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	00369A00	61000000	00000000	00000000	00000000	00000000	00000000	00000000	BF	FF	61369A00	6		
PH 02	00159027	60000000	00369A00	61000000	0003596C	00000000	00000000	00000000	00	05	60159027	0		
PH 03	004C2AF8	41000000	00369A00	E1000000	0003596C	00000000	00159027	60000000	00	05	00000000	0		
PH 04	004C2AF8	00000000	00369A00	00000000	0003596C	00000000	00159027	60000000	41	05	00000000	0		
PH 07	00000000	00000000	00369A00	00000000	0003596C	00000000	00159027	00000000	41	05	00000000	0		
CLK 02	00000000	00000000	00000000	00000000	002065B0	00000000	002B204E	00000000	41	05	00000000	6		
CLK 03	00000000	00000000	00000000	00000000	0003596C	00000000	002B204E	00000000	41	04	00000000	2		
CLK 04	00159027	00000000	00000000	00000000	00065B00	00000000	00159027	00000000	41	04	00000000	4		
CLK 05	FFEF03E2	C0000000	00056409	C0000000	00596C00	00000000	00159027	00000000	41	03	00000000	1		
CLK 06	FFE664D1	80000000	FFFBF4F8	80000000	0065B000	00000000	00159027	00000000	41	03	00000000	5		
CLK 07	FFE4090D	6C000000	FFF99934	6C000000	0096C000	00000000	00159027	00000000	41	02	00000000	1		
CLK 08	00242291	5B000000	FFF90243	5B000000	00530000	00000000	002B204E	00000000	41	02	00000000	6		
CLK 09	003428F2	56C00000	000908A4	56C00000	006C0000	00000000	002B204E	00000000	41	01	00000000	2		
CLK 10	00382ARA	95B00000	000D0A3C	95B00000	00300000	00000000	002B204E	00000000	41	01	00000000	6		
CLK 11	00239AC9	A56C0000	000E0AA2	A56C0000	00C00000	00000000	00159027	00000000	41	00	00000000	0		
CLK 12	FFF35688	695B0000	0008E6B2	695B0000	00000000	00000000	00159027	00000000	41	00	00000000	5		
CLK 13	001265C9	DA56C000	FFFCD5A2	DA56C000	00000000	00000000	00159027	00000000	41	FF	00000000	0		
CLK 14	00049972	7695B000	00049972	7695B000	00000000	00000000	002B204E	00000000	41	FF	00000000	6		
PH 08	00049972	7695B000	00049972	7695B000	00000000	00000000	002B204E	00000000	41	FF	00000000	6		
PH 09	00499727	695B0000	00499727	695B0000	00000000	00000000	002B204E	00000000	40	FF	695B0000	6		
PH 10	00499727	695B0000	00499727	695B0000	00000000	00000000	002B204E	00000000	40	FF	00499727	6		

TEST	Nb	FC	R	EW	RUI	EWU1								
FMS	08	5	61659CC1	0C331C1F										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	Sw		
PH 01	00659CC1	61000000	00000000	00000000	00000000	00000000	00000000	00000000	40	FF	61659CC1	6		
PH 02	00331C1F	0C000000	00659CC1	61000000	008339A6	00000000	00C00000	00000000	00	05	0C331C1F	0		
PH 03	0098B8E0	ED000000	00659CC1	E1000000	008339A6	00000000	00331C1F	0C000000	00	05	00000000	0		
PH 04	0098B8E0	00000000	00659CC1	00000000	008339A6	00000000	00331C1F	0C000000	ED	05	00000000	0		
PH 07	00000000	00000000	00659CC1	00000000	008339A6	00000000	00331C1F	00000000	ED	05	00000000	0		
CLK 02	00331C1F	00000000	00000000	00000000	000CE698	00000000	00331C1F	00000000	ED	05	00000000	4		
CLK 03	000CC707	C0000000	000CC707	C0000000	00339A60	00000000	0066383E	00000000	ED	04	00000000	2		
CLK 04	000331C1	F0000000	000331C1	F0000000	00CE6980	00000000	0066383E	00000000	ED	04	00000000	6		
CLK 05	FFCDB051	7C000000	0000CC70	7C000000	0039A600	00000000	00331C1F	00000000	ED	03	00000000	1		
CLK 06	00268833	5F000000	FFF36C14	5F000000	00E69800	00000000	00331C1F	00000000	ED	03	00000000	4		
CLK 07	FFD685ED	D7C00000	0009A20C	D7C00000	009A6000	00000000	00331C1F	00000000	ED	02	00000000	1		
CLK 08	005BD999	75F00000	FFF5A17B	75F00000	00698000	00000000	0066383E	00000000	ED	02	00000000	6		
CLK 09	007D2EAC	5D7C0000	0016F66E	5D7C0000	00A60000	00000000	0066383E	00000000	ED	01	00000000	2		
CLK 10	005267CA	175F0000	001F43AB	175F0000	00980000	00000000	00331C1F	00000000	ED	01	00000000	4		
CLK 11	0047B611	85D7C000	001499F2	85D7C000	00600000	00000000	00331C1F	00000000	ED	00	00000000	0		
CLK 12	007825C2	6175F000	0011EDB4	6175F000	00800000	00000000	0066383E	00000000	ED	00	00000000	6		
CLK 13	0051259F	985D7C00	001E0970	985D7C00	00000000	00000000	00331C1F	00000000	ED	FF	00000000	0		
CLK 14	00144963	E6175F00	00144963	E6175F00	00000000	00000000	0066383E	00000000	ED	FF	00000000	6		
PH 08	00144963	E6175F00	00144963	E6175F00	00000000	00000000	0066383E	00000000	ED	FF	00000000	6		
PH 09	00144963	E6175F00	00144963	E6175F00	00000000	00000000	0066383E	00000000	ED	FF	E6175F00	6		
PH 10	00144963	E6175F00	00144963	E6175F00	00000000	00000000	0066383E	00000000	ED	FF	20144963	6		

TEST	Nb	FC	R	EW	RUI	EWU1								
FMS	09	5	C624A394	C3D6B663										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	Sw		
PH 01	0324A394	C6000000	00000000	00000000	00000000	00000000	00000000	00000000	ED	FF	C624A394	6		
PH 02	03D6B663	C3000000	FF24A394	C6000000	0029C524	00000000	00000000	00000000	00	05	C3D6B663	0		
PH 03	FF40ED30	F5800000	FF24A394	80000000	0029C524	00000000	FFD6B663	C3800000	00	05	00000000	0		
PH 04	FF40ED30	00000000	FF24A394	00000000	0029C524	00000000	FFD6B663	C3800000	F5	05	00000000	0		
PH 07	00000000	00000000	FF24A394	00000000	0029C524	00000000	FFD6B663	00000000	F5	05	00000000	0		
CLK 02	00000000	00000000	00000000	00000000	00A71490	00000000	FFAD6CC6	00000000	F5	05	00000000	6		
CLK 03	FFD6B663	00000000	00000000	00000000	009C5240	00000000	FFD6B663	00000000	F5	04	00000000	0		
CLK 04	FFC63FB	C0000000	FFF5A098	C0000000	00714900	00000000	FFD6B663	00000000	F5	04	00000000	4		
CLK 05	FFA085C4	F0000000	FFF313FE	F0000000	00C52400	00000000	FFAD6CC6	00000000	F5	03	00000000	2		
CLK 06	0011490E	3C000000	FFE82171	3C000000	00149000	00000000	FFD6B663	00000000	F5	03	00000000	5		
CLK 07	FFDB1126	8F000000	00045AC3	8F000000	00524000	00000000	FFD6B663	00000000	F5	02	00000000	0		
CLK 08	FFA4310F	A3C00000	FFF6C449	A3C00000	00430000	00000000	FFAD6CC6	00000000	F5	02	00000000	6		
CLK 09	FF967909	E8F00000	FFE90C43	E8F00000	00240000	00000000	FFAD6CC6	00000000	F5	01	00000000	2		
CLK 10	FFF59E42	7A3C0000	FFE59E42	7A3C0000	00900000	00000000	FFAD6CC6	00000000	F5	01	00000000	6		
CLK 11	FFD01DF3	9E8F0000	FFF96790	9E8F0000	00400000	00000000	FFD6B663	00000000	F5	00	00000000	0		
CLK 12	FFA17442	E7A3C000	FFF4077C	E7A3C000	00000000	00000000	FFAD6CC6	00000000	F5	00	00000000	6		
CLK 13	FFF59E42	B9E8F000	FFE8F000	B9E8F000	00000000	00000000	FFAD6CC6	00000000	F5	FF	00000000	2		
CLK 14	002360E1	2E7A3C00	FFFA1744	2E7A3C00	00000000	00000000	FFD6B663	00000000	F5	FF	00000000	5		
PH 08	002360E1	2E7A3C00	002360E1	2E7A3C00	00000000	00000000	FFD6B663	00000000	F5	FF	00000000	5		
PH 09	002360E1	2E7A3C00	002360E1	2E7A3C00	00000000	00000000	FFD6B663	00000000	F5	FF	2E7A3C00	5		
PH 10	002360E1	2E7A3C00	002360E1	2E7A3C00	00000000	00000000	FFD6B663	00000000	F5	FF	302360E1	5		

TEST N°	FC	R	EW	RU1	EWU1								
FMS 10	5	BCA5A5F3	03FD4FC7										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03A5A5F3	BC000000	00000000	00000000	00000000	00000000	00000000	00000000	F5	FF	BCA5A5F3	5	
PH 02	00FD4FC7	03000000	FFA5A5F3	BC000000	00CFA5A5	00000000	00000000	00000000	00	05	03FD4FC7	0	
PH 03	00A2F5BA	C6000000	FFA5A5F3	C3000000	00CFA5A5	00000000	00FD4FC7	03000000	00	05	00000000	0	
PH 04	00A2F5BA	00000000	FFA5A5F3	00000000	00CFA5A5	00000000	00FD4FC7	03000000	C6	05	00000000	1	
PH 07	00000000	00000000	FFA5A5F3	00000000	00CFA5A5	00000000	00FD4FC7	00000000	C6	05	00000000	1	
CLK 02	00FD4FC7	00000000	00000000	00000000	003E9694	00000000	00FD4FC7	00000000	C6	05	00000000	4	
CLK 03	FF42042A	C0000000	003F53F1	C0000000	00FA5A50	00000000	00FD4FC7	00000000	C6	04	00000000	1	
CLK 04	00CDD0D1	B0000000	FFD0810A	B0000000	00E96940	00000000	00FD4FC7	00000000	C6	04	00000000	4	
CLK 05	00337434	6C000000	00337434	6C000000	00A5A500	00000000	01FA9F8E	00000000	C6	03	00000000	2	
CLK 06	02077C9B	1B000000	00CDD0D0	1B000000	00969400	00000000	01FA9F8E	00000000	C6	03	00000000	6	
CLK 07	027C7E84	C6C00000	0081DF26	C6C00000	005A5000	00000000	01FA9F8E	00000000	C6	02	00000000	2	
CLK 08	019C6F74	31B00000	009F1FAD	31B00000	00694000	00000000	00FD4FC7	00000000	C6	02	00000000	4	
CLK 09	01646BA4	0C6C0000	00671BDD	0C6C0000	00A50000	00000000	00FD4FC7	00000000	C6	01	00000000	0	
CLK 10	0253BA77	031B0000	00591AE9	031B0000	00940000	00000000	01FA9F8E	00000000	C6	01	00000000	6	
CLK 11	028F8E7B	C0C6C000	0094EE9D	C0C6C000	00500000	00000000	01FA9F8E	00000000	C6	00	00000000	2	
CLK 12	01A13351	F031B000	00A3E38A	F031B000	00400000	00000000	00FD4FC7	00000000	C6	00	00000000	4	
CLK 13	01659C9B	7C0C6C00	00684C74	7C0C6C00	00000000	00000000	00FD4FC7	00000000	C6	FF	00000000	0	
CLK 14	00596726	DF031B00	00596726	DF031B00	00000000	00000000	01FA9F8E	00000000	C6	FF	00000000	6	
PH 08	00596726	DF031B00	00596726	DF031B00	00000000	00000000	01FA9F8E	00000000	C6	FF	00000000	6	
PH 09	FFA698D9	20FCE500	00596726	DF031B00	00000000	00000000	01FA9F8E	00000000	C6	FF	20FCE500	6	
PH 10	FFA698D9	20FCE500	00596726	DF031B00	00000000	00000000	01FA9F8E	00000000	39	FF	F9A698D9	6	

TEST N°	FC	R	EW	RU1	EWU1								
FMS 11	5	2C6E4866	41331C1F										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	006E4866	2C000000	00000000	00000000	00000000	00000000	00000000	00000000	39	FF	2C6E4866	6	
PH 02	00331C1F	41000000	006E4866	2C000000	00661276	00000000	00000000	00000000	00	05	41331C1F	0	
PH 03	00A16485	ED000000	006E4866	4C000000	00661276	00000000	00331C1F	41000000	00	05	00000000	0	
PH 04	00A16485	00000000	006E4866	00000000	00661276	00000000	00331C1F	41000000	ED	05	00000000	0	
PH 07	00000000	00000000	006E4866	00000000	00661276	00000000	00331C1F	00000000	ED	05	00000000	0	
CLK 02	0066383E	00000000	00000000	00000000	009849D8	00000000	0066383E	00000000	ED	05	00000000	6	
CLK 03	004CAA2E	80000000	00198E7F	80000000	00612760	00000000	00331C1F	00000000	ED	04	00000000	0	
CLK 04	007967C9	A0000000	00132A8B	A0000000	00R49D80	00000000	0066383E	00000000	ED	04	00000000	6	
CLK 05	005174D1	68000000	001E58B2	68000000	00127600	00000000	00331C1F	00000000	ED	03	00000000	0	
CLK 06	00145D34	5A000000	00145D34	5A000000	0049D800	00000000	0066383E	00000000	ED	03	00000000	6	
CLK 07	006B4F83	16800000	0005174D	16800000	00276000	00000000	0066383E	00000000	ED	02	00000000	2	
CLK 08	001AD3E2	C5A00000	001AD3E2	C5A00000	009D8000	00000000	0066383E	00000000	ED	02	00000000	6	
CLK 09	0039D117	B1680000	0006B4F8	B1680000	00760000	00000000	00331C1F	00000000	ED	01	00000000	0	
CLK 10	0074AC73	EC5A0000	000E7445	EC5A0000	00980000	00000000	0066383E	00000000	ED	01	00000000	6	
CLK 11	FFEA0F01	F3168000	001D2320	F3168000	00600000	00000000	00331C1F	00000000	ED	00	00000000	1	
CLK 12	FFC767A1	7EC5A000	FFF1D9F8	7EC5A000	00800000	00000000	00331C1F	00000000	ED	00	00000000	5	
CLK 13	00581226	5FB16800	FFF1D9F8	5FB16800	00000000	00000000	0066383E	00000000	ED	FF	00000000	2	
CLK 14	00160489	97EC5A00	00160489	97EC5A00	00000000	00000000	0066383E	00000000	ED	FF	00000000	6	
PH 08	00160489	97EC5A00	00160489	97EC5A00	00000000	00000000	0066383E	00000000	ED	FF	00000000	6	
PH 09	00160489	97EC5A00	00160489	97EC5A00	00000000	00000000	0066383E	00000000	ED	FF	97EC5A00	6	
PH 10	00160489	97EC5A00	00160489	97EC5A00	00000000	00000000	0066383E	00000000	ED	FF	20160489	6	

TEST	NO	FC	R	EW	RUI	EWU1								
FMS	12	5	57A63427	035CDBC7										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	Sw		
PH 01	00A63427	57000000	00000000	00000000	00000000	00000000	00000000	00000000	ED	FF	57A63427	6		
PH 02	005CDBC7	03000000	00A63427	57000000	00E42C65	00000000	00000000	00000000	00	05	035CDBC7	0		
PH 03	01030FEE	0A000000	00A63427	07000000	00E42C65	00000000	005CDBC7	03000000	00	05	00000000	0		
PH 04	01030FEE	00000000	00A63427	00000000	00E42C65	00000000	005CDBC7	03000000	DA	05	00000000	0		
PH 07	00000000	00000000	00A63427	00000000	00E42C65	00000000	005CDBC7	00000000	DA	05	00000000	0		
CLK 02	FFA32439	00000000	00000000	00000000	00908194	00000000	005CDBC7	00000000	DA	05	00000000	5		
CLK 03	00A2809C	40000000	FFE8C90E	40000000	0042C650	00000000	00B9B78E	00000000	DA	04	00000000	2		
CLK 04	00E257B5	10000000	0028A027	10000000	00081940	00000000	00B9B78E	00000000	DA	04	00000000	6		
CLK 05	003895ED	44000000	003895ED	44000000	002C6500	00000000	00B9B78E	00000000	DA	03	00000000	2		
CLK 06	000E257B	51000000	000E257B	51000000	00B19400	00000000	00B9B78E	00000000	DA	03	00000000	6		
CLK 07	00606525	D4400000	0003895E	D4400000	00C65000	00000000	005CDBC7	00000000	DA	02	00000000	0		
CLK 08	FFB83D82	75100000	00181949	75100000	00194000	00000000	005CDBC7	00000000	DA	02	00000000	5		
CLK 09	0048AB27	9D440000	FFE8C90E	9D440000	00650000	00000000	005CDBC7	00000000	DA	01	00000000	0		
CLK 10	00CCA257	E7510000	0012EAC9	E7510000	00940000	00000000	00B9B78E	00000000	DA	01	00000000	6		
CLK 11	0090045C	F9D44000	00332895	F9D44000	00500000	00000000	005CDBC7	00000000	DA	00	00000000	0		
CLK 12	000DB8A5	3E751000	00240117	3E751000	00400000	00000000	00B9B78E	00000000	DA	00	00000000	6		
CLK 13	00F125B7	4F9D4400	00376E29	4F9D4400	00000000	00000000	00B9B78E	00000000	DA	FF	00000000	2		
CLK 14	003C496D	D3E75100	003C496D	D3E75100	00000000	00000000	00B9B78E	00000000	DA	FF	00000000	6		
PH 08	003C496D	D3E75100	003C496D	D3E75100	00000000	00000000	00B9B78E	00000000	DA	FF	00000000	6		
PH 09	003C496D	D3E75100	003C496D	D3E75100	00000000	00000000	00B9B78E	00000000	DA	FF	D3E75100	6		
PH 10	003C496D	D3E75100	003C496D	D3E75100	00000000	00000000	00B9B78E	00000000	DA	FF	1A3C496D	6		

TEST	NO	FC	R	EW	RUI	EWU1								
FMS	13	5	2878C1F3	1C57CF8E										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	Sw		
PH 01	0078C1F3	28000000	00000000	00000000	00000000	00000000	00000000	00000000	DA	FF	2878C1F3	6		
PH 02	0057CF8E	1C000000	0078C1F3	28000000	00CF831E	00000000	00000000	00000000	00	05	1C57CF8E	0		
PH 03	00009181	C4000000	0078C1F3	A8000000	00CF831E	00000000	0057CF8E	1C000000	00	05	00000000	0		
PH 04	00009181	00000000	0078C1F3	00000000	00CF831E	00000000	0057CF8E	1C000000	C4	05	00000000	0		
PH 07	00000000	00000000	0078C1F3	00000000	00CF831E	00000000	0057CF8E	00000000	C4	05	00000000	0		
CLK 02	FFA83072	00000000	00000000	00000000	003E0C78	00000000	0057CF8E	00000000	C4	05	00000000	5		
CLK 03	0041D8AA	80000000	FFEAC01C	80000000	00F831E0	00000000	0057CF8E	00000000	C4	04	00000000	0		
CLK 04	FF98A75C	A0000000	001076EA	A0000000	00E0C780	00000000	0057CF8E	00000000	C4	04	00000000	5		
CLK 05	FFFE2907	28000000	FFFE2907	28000000	00831E00	00000000	00AF9F1C	00000000	C4	03	00000000	3		
CLK 06	00A32991	CA000000	FFF38A75	CA000000	000C7800	00000000	00AF9F1C	00000000	C4	03	00000000	6		
CLK 07	002ACA64	72800000	002ACA64	72800000	0031E000	00000000	00AF9F1C	00000000	C4	02	00000000	2		
CLK 08	000AB279	1CA00000	000AB279	1CA00000	00C78000	00000000	00AF9F1C	00000000	C4	02	00000000	6		
CLK 09	FFAAD018	47280000	002ACA64	47280000	001E0000	00000000	0057CF8E	00000000	C4	01	00000000	1		
CLK 10	004286D4	11CA0000	FFEAB746	11CA0000	00780000	00000000	0057CF8E	00000000	C4	01	00000000	4		
CLK 11	00C04001	04728000	0010A185	04728000	00E30000	00000000	00AF9F1C	00000000	C4	00	00000000	2		
CLK 12	FFD840A6	411CA000	00301034	411CA000	00830000	00000000	0057CF8E	00000000	C4	00	00000000	5		
CLK 13	00A5AF45	90472800	FFF61029	90472800	00000000	00000000	00AF9F1C	00000000	C4	FF	00000000	2		
CLK 14	002968D1	6411CA00	002968D1	6411CA00	00000000	00000000	00AF9F1C	00000000	C4	FF	00000000	6		
PH 08	002968D1	6411CA00	002968D1	6411CA00	00000000	00000000	00AF9F1C	00000000	C4	FF	00000000	6		
PH 09	002968D1	6411CA00	002968D1	6411CA00	00000000	00000000	00AF9F1C	00000000	C4	FF	6411CA00	6		
PH 10	002968D1	6411CA00	002968D1	6411CA00	00000000	00000000	00AF9F1C	00000000	C4	FF	042968D1	6		

TEST No	FC	R	EW	RU1	EWU1								
FMS 14	5	3F1301C0	D085BDE1										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	001301C0	3F000000	00000000	00000000	00000000	00000000	00000000	00000000	C4	FF	3F1301C0	6	
PH 02	0385BDE1	D0000000	001301C0	3F000000	000380C8	00000000	00000000	00000000	00	05	D085BDE1	0	
PH 03	008D43DE	EE800000	001301C0	BF000000	000380C8	00000000	FF85BDE1	D0800000	00	05	00000000	0	
PH 04	008D43DE	00000000	001301C0	00000000	000380C8	00000000	FF85BDE1	D0800000	EE	05	00000000	1	
PH 07	00000000	00000000	001301C0	00000000	000380C8	00000000	FF85BDE1	00000000	EE	05	00000000	1	
CLK 02	00000000	00000000	00000000	00000000	000E0320	00000000	FF0B7BC2	00000000	EE	05	00000000	7	
CLK 03	00000000	00000000	00000000	00000000	00380C80	00000000	FF0B7BC2	00000000	EE	04	00000000	3	
CLK 04	00000000	00000000	00000000	00000000	00E03200	00000000	FF0B7BC2	00000000	EE	04	00000000	7	
CLK 05	FF85BDE1	00000000	00000000	00000000	0080C800	00000000	FF85BDE1	00000000	EE	03	00000000	0	
CLK 06	FECEB3A	40000000	FFE16F78	40000000	00032000	00000000	FF0B7BC2	00000000	EE	03	00000000	6	
CLK 07	00357CFD	90000000	FFB3ACE	90000000	000C8000	00000000	FF85BDE1	00000000	EE	02	00000000	1	
CLK 08	000D5F3B	64000000	000D5F3B	64000000	00320000	00000000	FF0B7BC2	00000000	EE	02	00000000	7	
CLK 09	000357CE	D9000000	000357CE	D9000000	00C80000	00000000	FF0B7BC2	00000000	EE	01	00000000	3	
CLK 10	FF8693D4	B6400000	0000D5F3	B6400000	00200000	00000000	FF85BDE1	00000000	EE	01	00000000	4	
CLK 11	008BE714	2D900000	FFE1A4F5	2D900000	00800000	00000000	FF85BDE1	00000000	EE	00	00000000	1	
CLK 12	00913BE4	0B640000	0016F9C5	0B640000	00000000	00000000	FF85BDE1	00000000	EE	00	00000000	5	
CLK 13	00244EF9	02D90000	00244EF9	02D90000	00000000	00000000	FF0B7BC2	00000000	EE	FF	00000000	3	
CLK 14	000913BE	40B64000	000913BE	40B64000	00000000	00000000	FF0B7BC2	00000000	EE	FF	00000000	7	
PH 08	000913BE	40B64000	000913BE	40B64000	00000000	00000000	FF0B7BC2	00000000	EE	FF	00000000	7	
PH 09	FF6EC41B	F49C0000	00913BE4	0B640000	00000000	00000000	FF0B7BC2	00000000	ED	FF	F49C0000	7	
PH 10	FF6EC41B	F49C0000	00913BE4	0B640000	00000000	00000000	FF0B7BC2	00000000	12	FF	D26EC41B	7	

TEST No	FC	R	EW	RU1	EWU1								
FMS 15	5	1C3F1C73	D193DFCF										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	003F1C73	1C000000	00000000	00000000	00000000	00000000	00000000	00000000	12	FF	1C3F1C73	7	
PH 02	0393DFCF	D1000000	003F1C73	1C000000	00CE38FC	00000000	00000000	00000000	00	05	D193DFCF	0	
PH 03	00AB3CA3	CAB00000	003F1C73	9C000000	00CE38FC	00000000	FF93DFCF	D1800000	00	05	00000000	0	
PH 04	00AB3CA3	00000000	003F1C73	00000000	00CE38FC	00000000	FF93DFCF	D1800000	CA	05	00000000	1	
PH 07	00000000	00000000	003F1C73	00000000	00CE38FC	00000000	FF93DFCF	00000000	CA	05	00000000	1	
CLK 02	FF93DFCF	00000000	00000000	00000000	0038E3FD	00000000	FF93DFCF	00000000	CA	05	00000000	4	
CLK 03	00511824	C0000000	FFE4F7F3	C0000000	00F38FC0	00000000	FF93DFCF	00000000	CA	04	00000000	1	
CLK 04	FFA825D8	30000000	00144609	30000000	008E3F00	00000000	FF93DFCF	00000000	CA	04	00000000	4	
CLK 05	FF11C914	0C000000	FFEA0976	0C000000	0038FC00	00000000	FF27BF9E	00000000	CA	03	00000000	2	
CLK 06	00309276	03000000	FFC47245	03000000	00E3F000	00000000	FF93DFCF	00000000	CA	03	00000000	5	
CLK 07	FFA0046C	80C00000	000C249D	80C00000	008FC000	00000000	FF93DFCF	00000000	CA	02	00000000	0	
CLK 08	FF0FC089	20300000	FFE8011B	20300000	003F0000	00000000	FF27BF9E	00000000	CA	02	00000000	6	
CLK 09	0030105F	480C0000	FFC3F02E	480C0000	00FC0000	00000000	FF93DFCF	00000000	CA	01	00000000	1	
CLK 10	FF9FE3E6	D2030000	000C0417	D2030000	00F00000	00000000	FF93DFCF	00000000	CA	01	00000000	4	
CLK 11	FFE7F8F9	B480C000	FFE7F8F9	B480C000	00C00000	00000000	FF27BF9E	00000000	CA	00	00000000	2	
CLK 12	FFF9FE3E	6D203000	FFF9FE3E	6D203000	00000000	00000000	FF27BF9E	00000000	CA	00	00000000	6	
CLK 13	006A9FC0	9B480C00	FFE7F8F9	9B480C00	00000000	00000000	FF93DFCF	00000000	CA	FF	00000000	1	
CLK 14	001AA7F0	26D20300	001AA7F0	26D20300	00000000	00000000	FF27BF9E	00000000	CA	FF	00000000	7	
PH 08	001AA7F0	26D20300	001AA7F0	26D20300	00000000	00000000	FF27BF9E	00000000	CA	FF	00000000	7	
PH 09	FFE5580F	D92DF000	001AA7F0	26D20300	00000000	00000000	FF27BF9E	00000000	CA	FF	D92DF000	7	
PH 10	FFE5580F	D92DF000	001AA7F0	26D20300	00000000	00000000	FF27BF9E	00000000	35	FF	F5E5580F	7	

TEST N°	FC	R	EW	RU1	EWU1								
FMS 16	5	41659CC1	0B67F5A8										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00659CC1	41000000	00000000	00000000	00000000	00000000	00000000	00000000	35	FF	41659CC1	7	
PH 02	0067F5A8	0B000000	00659CC1	41000000	008339A6	00000000	00000000	00000000	00	05	0B67F5A8	0	
PH 03	00C09269	CC000000	00659CC1	C1000000	008339A6	00000000	0067F5A8	0B000000	00	05	00000000	0	
PH 04	00C09269	00000000	00659CC1	00000000	008339A6	00000000	0067F5A8	0B000000	CC	05	00000000	0	
PH 07	00000000	00000000	00659CC1	00000000	008339A6	00000000	0067F5A8	00000000	CC	05	00000000	0	
CLK 02	0067F5A8	00000000	00000000	00000000	000CE698	00000000	0067F5A8	00000000	CC	05	00000000	4	
CLK 03	0019FD6A	00000000	0019FD6A	00000000	00339A60	00000000	00CFEB50	00000000	CC	04	00000000	2	
CLK 04	00067F5A	80000000	00067F5A	80000000	00CE6980	00000000	00CFEB50	00000000	CC	04	00000000	6	
CLK 05	FF99AA2E	A0000000	00019FD6	A0000000	0039A600	00000000	0067F5A8	00000000	CC	03	00000000	1	
CLK 06	004E6033	A8000000	FFE66A8R	A8000000	00E69800	00000000	0067F5A8	00000000	CC	03	00000000	4	
CLK 07	FFABA264	E8000000	0013980C	E8000000	009A6000	00000000	0067F5A8	00000000	CC	02	00000000	1	
CLK 08	00BAD3E9	3A800000	FFEAER99	3A800000	00698000	00000000	00CFEB50	00000000	CC	02	00000000	6	
CLK 09	00FEA04A	4EA00000	002EB4FA	4EA00000	00A60000	00000000	00CFEB50	00000000	CC	01	00000000	2	
CLK 10	00A79D8A	93A80000	003FA812	93A80000	00980000	00000000	0067F5A8	00000000	CC	01	00000000	4	
CLK 11	0091DD16	A4EA0000	0029E76E	A4EA0000	00600000	00000000	0067F5A8	00000000	CC	00	00000000	0	
CLK 12	00F46295	A93A8000	00247745	A93A8000	00800000	00000000	00CFEB50	00000000	CC	00	00000000	6	
CLK 13	00A50E4D	6A4EA000	003D18A5	6A4EA000	00000000	00000000	0067F5A8	00000000	CC	FF	00000000	0	
CLK 14	00294393	5A93A800	00294393	5A93A800	00000000	00000000	00CFEB50	00000000	CC	FF	00000000	6	
PH 08	00294393	5A93A800	00294393	5A93A800	00000000	00000000	00CFEB50	00000000	CC	FF	00000000	6	
PH 09	00294393	5A93A800	00294393	5A93A800	00000000	00000000	00CFEB50	00000000	CC	FF	5A93A800	6	
PH 10	00294393	5A93A800	00294393	5A93A800	00000000	00000000	00CFEB50	00000000	CC	FF	0C294393	6	

TEST N°	FC	R	EW	RU1	EWU1								
FMS 17	5	CFCF7C1C	41A80AFD										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03CF7C1C	CF000000	00000000	00000000	00000000	00000000	00000000	00000000	CC	FF	CFCF7C1C	6	
PH 02	00A80AFD	41000000	FFCF7C1C	CF000000	00383EF3	00000000	00000000	00000000	00	05	41A80AFD	0	
PH 03	00778719	F1000000	FFCF7C1C	80000000	00383EF3	00000000	00A80AFD	41000000	00	05	00000000	0	
PH 04	00778719	00000000	FFCF7C1C	00000000	00383EF3	00000000	00A80AFD	41000000	F1	05	00000000	1	
PH 07	00000000	00000000	FFCF7C1C	00000000	00383EF3	00000000	00A80AFD	00000000	F1	05	00000000	1	
CLK 02	00000000	00000000	00000000	00000000	00E0FB30	00000000	015015FA	00000000	F1	05	00000000	7	
CLK 03	00A80AFD	00000000	00000000	00000000	00R3EF30	00000000	00A80AFD	00000000	F1	04	00000000	0	
CLK 04	017A18B9	40000000	002A028F	40000000	000FBCC0	00000000	015015FA	00000000	F1	04	00000000	6	
CLK 05	FFB67B31	50000000	005E862E	50000000	003EF300	00000000	00A80AFD	00000000	F1	03	00000000	1	
CLK 06	FFED9ECC	54000000	FFED9ECC	54000000	00FBCC00	00000000	015015FA	00000000	F1	03	00000000	7	
CLK 07	00A37290	15000000	FFFB67B3	15000000	00EF3000	00000000	00A80AFD	00000000	F1	02	00000000	0	
CLK 08	0028DCAC	05400000	0028DCAC	05400000	008CC000	00000000	015015FA	00000000	F1	02	00000000	6	
CLK 09	015A4D25	01500000	00A372B8	01500000	00F30000	00000000	015015FA	00000000	F1	01	00000000	2	
CLK 10	00569349	40540000	00569349	40540000	00CC0000	00000000	015015FA	00000000	F1	01	00000000	6	
CLK 11	0015A4D2	50150000	0015A4D2	50150000	00300000	00000000	015015FA	00000000	F1	00	00000000	2	
CLK 12	FF5D5E37	94054000	00056934	94054000	00C00000	00000000	00A80AFD	00000000	F1	00	00000000	5	
CLK 13	007F628A	E5015000	FFD7578D	E5015000	00000000	00000000	00A80AFD	00000000	F1	FF	00000000	0	
CLK 14	001FD8A2	B9405400	001FD8A2	B9405400	00000000	00000000	015015FA	00000000	F1	FF	00000000	6	
PH 08	001FD8A2	B9405400	001FD8A2	B9405400	00000000	00000000	015015FA	00000000	F1	FF	00000000	6	
PH 09	FF0275D0	46BFAC00	001FD8A2	B9405400	00000000	00000000	015015FA	00000000	F1	FF	46BFAC00	6	
PH 10	FF0275D0	46BFAC00	001FD8A2	B9405400	00000000	00000000	015015FA	00000000	0E	FF	0E0275D0	6	

TEST NO	FC	R	EW	RU1	EWU1								
FMS	18	5	D2568CA9	B123F65A									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03568CA9	D2000000	00000000	00000000	00000000	00000000	00000000	00000000	0E	FF	D2568CA9	6	
PH 02	0323F65A	B1000000	FF568CA9	D2000000	00953D6A	00000000	00000000	00000000	00	05	B123F65A	0	
PH 03	0032C64E	F8800000	FF568CA9	A0000000	00953D6A	00000000	FF23F65A	B1800000	00	05	00000000	0	
PH 04	0032C64E	00000000	FF568CA9	00000000	00953D6A	00000000	FF23F65A	B1800000	FB	05	00000000	0	
PH 07	00000000	00000000	FF568CA9	00000000	00953D6A	00000000	FF23F65A	00000000	FB	05	00000000	0	
CLK 02	FF23F65A	00000000	00000000	00000000	0054F5A8	00000000	FF23F65A	00000000	FB	05	00000000	4	
CLK 03	FE10EA4A	80000000	FFC8FD96	80000000	0053D6A0	00000000	FE47ECB4	00000000	FB	04	00000000	2	
CLK 04	FDCC2746	A0000000	FF843A92	A0000000	004F5A80	00000000	FE47ECB4	00000000	FB	04	00000000	6	
CLK 05	FDBAF685	A8000000	FF7309D1	A8000000	003D6A00	00000000	FE47ECB4	00000000	FB	03	00000000	2	
CLK 06	FF6EBDA1	6A000000	FF6EBDA1	6A000000	00F5A800	00000000	FE47ECB4	00000000	FB	03	00000000	6	
CLK 07	0087B90E	5A800000	FFDBAF68	5A800000	0056A000	00000000	FF23F65A	00000000	FB	02	00000000	1	
CLK 08	002DEE43	96A00000	002DEE43	96A00000	005A8000	00000000	FE47ECB4	00000000	FB	02	00000000	7	
CLK 09	00E78536	E5A80000	000B7B90	E5A80000	006A0000	00000000	FF23F65A	00000000	FB	01	00000000	1	
CLK 10	0115EAF3	B96A0000	0039E14D	B96A0000	00A80000	00000000	FF23F65A	00000000	FB	01	00000000	5	
CLK 11	FE8D6770	EE5A8000	00457ABC	EE5A8000	00A00000	00000000	FE47ECB4	00000000	FB	00	00000000	2	
CLK 12	FEC75036	3B96A000	FFA359DC	3B96A000	00800000	00000000	FF23F65A	00000000	FB	00	00000000	4	
CLK 13	FED5CA67	8EE5A800	FFB1D40D	8EE5A800	00000000	00000000	FF23F65A	00000000	FB	FF	00000000	0	
CLK 14	00917C3F	E3B96A00	FFB57299	E3B96A00	00000000	00000000	FF23F65A	00000000	FB	FF	00000000	5	
PH 08	00917C3F	E3B96A00	00917C3F	E3B96A00	00000000	00000000	FF23F65A	00000000	FB	FF	00000000	5	
PH 09	00917C3F	E3B96A00	00917C3F	E3B96A00	00000000	00000000	FF23F65A	00000000	FB	FF	E3B96A00	5	
PH 10	00917C3F	E3B96A00	00917C3F	E3B96A00	00000000	00000000	FF23F65A	00000000	FB	FF	3B917C3F	5	

TEST NO	FC	R	EW	RU1	EWU1								
FMS	19	5	34284031	385F8073									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00284031	34000000	00000000	00000000	00000000	00000000	00000000	00000000	FB	FF	34284031	5	
PH 02	005F8073	38000000	00284031	34000000	008C0214	00000000	00000000	00000000	00	05	385F8073	0	
PH 03	0087C0A4	EC000000	00284031	B4000000	008C0214	00000000	005F8073	38000000	00	05	00000000	0	
PH 04	0087C0A4	00000000	00284031	00000000	008C0214	00000000	005F8073	38000000	EC	05	00000000	0	
PH 07	00000000	00000000	00284031	00000000	008C0214	00000000	005F8073	00000000	EC	05	00000000	0	
CLK 02	005F8073	00000000	00000000	00000000	00300850	00000000	005F8073	00000000	EC	05	00000000	4	
CLK 03	0017E01C	C0000000	0017E01C	C0000000	00C02140	00000000	008F00E6	00000000	EC	04	00000000	2	
CLK 04	FFA67794	30000000	0005F807	30000000	00008500	00000000	005F8073	00000000	EC	04	00000000	5	
CLK 05	00491E58	0C000000	FFE99DE5	0C000000	00021400	00000000	005F8073	00000000	EC	03	00000000	0	
CLK 06	00124796	03000000	00124796	03000000	00085000	00000000	008F00E6	00000000	EC	03	00000000	6	
CLK 07	000491F5	80C00000	000491E5	80C00000	00214000	00000000	008F00E6	00000000	EC	02	00000000	2	
CLK 08	00012479	60300000	00012479	60300000	00850000	00000000	008F00E6	00000000	EC	02	00000000	6	
CLK 09	005FC991	580C0000	0000491E	580C0000	00140000	00000000	005F8073	00000000	EC	01	00000000	0	
CLK 10	0017F264	56030000	0017F264	56030000	00500000	00000000	008F00E6	00000000	EC	01	00000000	6	
CLK 11	00C4FD7F	1580C000	0005FC99	1580C000	00400000	00000000	008F00E6	00000000	EC	00	00000000	2	
CLK 12	00F04045	C5603000	00313F5F	C5603000	00000000	00000000	008F00E6	00000000	EC	00	00000000	6	
CLK 13	003C1011	71580C00	003C1011	71580C00	00000000	00000000	008F00E6	00000000	EC	FF	00000000	2	
CLK 14	000F0404	5C560300	000F0404	5C560300	00000000	00000000	008F00E6	00000000	EC	FF	00000000	6	
PH 08	000F0404	5C560300	000F0404	5C560300	00000000	00000000	008F00E6	00000000	EC	FF	00000000	6	
PH 09	00F04045	C5603000	00F04045	C5603000	00000000	00000000	008F00E6	00000000	EB	FF	C5603000	6	
PH 10	00F04045	C5603000	00F04045	C5603000	00000000	00000000	008F00E6	00000000	EB	FF	28F04045	6	

TEST N0	FC	R	EW	RUI	EWU1					E	F	FP	SW
FMS 20	5	AFA041E6	2D8E2FD4										
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)					
PH 01	03A041E6	AF000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	EB	FF	AFA041E6	6
PH 02	008E2FD4	2D000000	FFA041E6	AF000000	00678205	00000000	00000000	00000000	00000000	00	05	2D8E2FD4	0
PH 03	002E71BA	FD000000	FFA041E6	00000000	00678205	00000000	008E2FD4	2D000000	00000000	00	05	00000000	0
PH 04	002E71BA	00000000	FFA041E6	00000000	00678205	00000000	008E2FD4	2D000000	00000000	FD	05	00000000	1
PH 07	00000000	00000000	FFA041E6	00000000	00678205	00000000	008E2FD4	00000000	00000000	FD	05	00000000	1
CLK 02	011C5FA8	00000000	00000000	00000000	009E0814	00000000	011C5FA8	00000000	00000000	FD	05	00000000	6
CLK 03	01637792	00000000	004717EA	00000000	00782050	00000000	011C5FA8	00000000	00000000	FD	04	00000000	2
CLK 04	00E70DB8	80000000	0058DDE4	80000000	00E08140	00000000	008E2FD4	00000000	00000000	FD	04	00000000	4
CLK 05	0039C36E	20000000	0039C36E	20000000	00820500	00000000	011C5FA8	00000000	00000000	FD	03	00000000	2
CLK 06	012AD083	88000000	000E70DB	88000000	00081400	00000000	011C5FA8	00000000	00000000	FD	03	00000000	6
CLK 07	FFBC844C	E2000000	004AB420	E2000000	00205000	00000000	008E2FD4	00000000	00000000	FD	02	00000000	1
CLK 08	FFEF2113	38800000	FFEF2113	38800000	00814000	00000000	011C5FA8	00000000	00000000	FD	02	00000000	7
CLK 09	FF6D9870	CE200000	FFFBC844	CE200000	00050000	00000000	008E2FD4	00000000	00000000	FD	01	00000000	1
CLK 10	FFDB661C	33880000	FFDB661C	33880000	00140000	00000000	011C5FA8	00000000	00000000	FD	01	00000000	7
CLK 11	FFF6D987	0CE20000	FFF6D987	0CE20000	00500000	00000000	011C5FA8	00000000	00000000	FD	0C	00000000	3
CLK 12	011A1609	C3388000	FFFDB661	C3388000	00400000	00000000	011C5FA8	00000000	00000000	FD	00	00000000	6
CLK 13	00D4B556	70CE2000	00468582	70CE2000	00000000	00000000	008E2FD4	00000000	00000000	FD	FF	00000000	0
CLK 14	00352D55	9C338800	00352D55	9C338800	00000000	00000000	011C5FA8	00000000	00000000	FD	FF	00000000	6
PH 08	00352D55	9C338800	00352D55	9C338800	00000000	00000000	011C5FA8	00000000	00000000	FD	FF	00000000	6
PH 09	FFCAD2AA	63CC7800	00352D55	9C338800	00000000	00000000	011C5FA8	00000000	00000000	FD	FF	63CC7800	6
PH 10	FFCAD2AA	63CC7800	00352D55	9C338800	00000000	00000000	011C5FA8	00000000	00000000	02	FF	C2CAD2AA	6

TEST N0	FC	R	EW	RUI	EWU1					E	F	FP	SW
FMS 21	5	1A963D9E	AD6950C1										
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)					
PH 01	00963D9E	1A000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	02	FF	1A963D9E	6
PH 02	036950C1	AD000000	00963D9E	1A000000	00798C69	00000000	00000000	00000000	00000000	00	05	AD6950C1	0
PH 03	012CECDC	EC800000	00963D9E	9A000000	00798C69	00000000	FF6950C1	AD800000	00000000	00	05	00000000	0
PH 04	012CECDC	00000000	00963D9E	00000000	00798C69	00000000	FF6950C1	AD800000	00000000	EC	05	00000000	1
PH 07	00000000	00000000	00963D9E	00000000	00798C69	00000000	FF6950C1	00000000	00000000	EC	05	00000000	1
CLK 02	FED2A182	00000000	00000000	00000000	00E6F1A4	00000000	FED2A182	00000000	00000000	EC	05	00000000	6
CLK 03	FFB4A860	80000000	FFB4A860	80000000	0093C690	00000000	FED2A182	00000000	00000000	EC	04	00000000	2
CLK 04	FEBFCB9A	20000000	FFED2A18	20000000	006F1A40	00000000	FED2A182	00000000	00000000	EC	04	00000000	6
CLK 05	FF1943A7	88000000	FFAFF2E6	88000000	00BC6900	00000000	FF6950C1	00000000	00000000	EC	03	00000000	0
CLK 06	FE98F26B	E2000000	FFC650E9	E2000000	00F1A400	00000000	FED2A182	00000000	00000000	EC	03	00000000	6
CLK 07	FFA63C9A	F8800000	FFA63C9A	F8800000	00C69000	00000000	FED2A182	00000000	00000000	EC	02	00000000	2
CLK 08	FFE98F26	BE200000	FFE98F26	BE200000	001A4000	00000000	FED2A182	00000000	00000000	EC	02	00000000	6
CLK 09	00911308	AF880000	FFFA63C9	AF880000	00690000	00000000	FF6950C1	00000000	00000000	EC	01	00000000	1
CLK 10	FEF6E644	29E20000	002444C2	29E20000	00A40000	00000000	FED2A182	00000000	00000000	EC	01	00000000	6
CLK 11	FE909B13	0AF88000	FFBD8991	0AF88000	00930000	00000000	FED2A182	00000000	00000000	EC	00	00000000	2
CLK 12	FE76B846	C2BE2000	FFA416C4	C2BE2000	00400000	00000000	FED2A182	00000000	00000000	EC	00	00000000	6
CLK 13	FF06FED2	90AF8800	FF9DAE11	90AF8800	00000000	00000000	FF6950C1	00000000	00000000	EC	FF	00000000	0
CLK 14	00586EF3	AC2BE200	FFC19FB4	AC2BE200	00000000	00000000	FF6950C1	00000000	00000000	EC	FF	00000000	5
PH 08	00586EF3	AC2BE200	00586EF3	AC2BE200	00000000	00000000	FF6950C1	00000000	00000000	EC	FF	00000000	5
PH 09	FFA7910C	53D41E00	00586EF3	AC2BE200	00000000	00000000	FF6950C1	00000000	00000000	EC	FF	00000000	5
PH 10	FFA7910D	53D41E00	00586EF3	AC2BE200	00000000	00000000	FF6950C1	00000000	00000000	13	FF	D3A7910D	5

TEST	NB	FC	R	EW	RU1	EWU1	O							
FMS	22	5	28741B96	47630A6B			0							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW		
PH 01	00741B96	28000000	00000000	00000000	00000000	00000000	00000000	00000000	13	FF	28741B96	5		
PH 02	00630A6B	47000000	00741B96	28000000	0069D82E	00000000	00000000	00000000	00	05	47630A6B	0		
PH 03	00072601	EF000000	00741B96	A8000000	0069D82E	00000000	00630A6B	47000000	00	05	00000000	0		
PH 04	00072601	00000000	00741B96	00000000	0069D82E	00000000	00630A6B	47000000	EF	05	00000000	0		
PH 07	00000000	00000000	00741B96	00000000	0069D82E	00000000	00630A6B	00000000	EF	05	00000000	0		
CLK 02	00C614D6	00000000	00000000	00000000	00A760B8	00000000	00C614D6	00000000	EF	05	00000000	6		
CLK 03	00948FA0	80000000	00318535	80000000	009D82E0	00000000	00630A6B	00000000	EF	04	00000000	0		
CLK 04	00882E53	20000000	002523E8	20000000	00760B80	00000000	00630A6B	00000000	EF	04	00000000	4		
CLK 05	00E8206A	C8000000	00220B94	C8000000	00582E00	00000000	00C614D6	00000000	EF	03	00000000	2		
CLK 06	FFD6FDAF	B2000000	003A081A	B2000000	0060B800	00000000	00630A6B	00000000	EF	03	00000000	5		
CLK 07	FF92B500	EC800000	FFF5BF6B	EC800000	0082E000	00000000	00630A6B	00000000	EF	02	00000000	1		
CLK 08	00AAC216	3B200000	FFE4A040	3B200000	000B8000	00000000	00C614D6	00000000	EF	02	00000000	6		
CLK 09	002AB0R5	8EC80000	002AB0R5	8EC80000	002E0000	00000000	00C614D6	00000000	EF	01	00000000	2		
CLK 10	000AAC21	63B20000	000AAC21	63B20000	00580000	00000000	00C614D6	00000000	EF	01	00000000	6		
CLK 11	0065B573	58EC8000	0002A808	58EC8000	00E00000	00000000	00630A6B	00000000	EF	00	00000000	0		
CLK 12	FFB662F1	D63B2000	00196D5C	D63B2000	00800000	00000000	00630A6B	00000000	EF	00	00000000	5		
CLK 13	00B3AD92	758EC800	FFED98BC	758EC800	00000000	00000000	00C614D6	00000000	EF	FF	00000000	2		
CLK 14	002CEB64	9D63B200	002CEB64	9D63B200	00000000	00000000	00C614D6	00000000	EF	FF	00000000	6		
PH 08	002CEB64	9D63B200	002CEB64	9D63B200	00000000	00000000	00C614D6	00000000	EF	FF	00000000	6		
PH 09	002CEB64	9D63B200	002CEB64	9D63B200	00000000	00000000	00C614D6	00000000	EF	FF	9D63B200	6		
PH 10	002CEB64	9D63B200	002CEB64	9D63B200	00000000	00000000	00C614D6	00000000	EF	FF	2F2CEB64	6		

TEST	NB	FC	R	EW	RU1	EWU1	O							
FMS	23	5	035216FB	69A52C8D			0							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW		
PH 01	005216FB	03000000	00000000	00000000	00000000	00000000	00000000	00000000	EF	FF	035216FB	6		
PH 02	00A52C8D	69000000	005216FB	03000000	005F684A	00000000	00000000	00000000	00	05	69A52C8D	0		
PH 03	00F743B8	EC000000	005216FB	03000000	005F684A	00000000	00A52C8D	69000000	00	05	00000000	0		
PH 04	00F743B8	00000000	005216FB	00000000	005F684A	00000000	00A52C8D	69000000	EC	05	00000000	0		
PH 07	00000000	00000000	005216FB	00000000	005F684A	00000000	00A52C8D	00000000	EC	05	00000000	0		
CLK 02	FF5AD343	00000000	00000000	00000000	007DA128	00000000	00A52C8D	00000000	EC	05	00000000	5		
CLK 03	FF318813	C0000000	FFD6B4D0	C0000000	00F684A0	00000000	00A52C8D	00000000	EC	04	00000000	1		
CLK 04	FFCC6204	F0000000	FFCC6204	F0000000	005A1280	00000000	014A597A	00000000	EC	04	00000000	7		
CLK 05	FFF31881	3C000000	FFF31881	3C000000	00684A00	00000000	014A597A	00000000	EC	03	00000000	3		
CLK 06	FF579963	4F000000	FFFCC620	4F000000	00A12800	00000000	00A52C8D	00000000	EC	03	00000000	5		
CLK 07	01203F02	D3C00000	FFD5E658	D3C00000	0084A000	00000000	014A597A	00000000	EC	02	00000000	2		
CLK 08	00FD3C81	B4F00000	00480FF4	B4F00000	00128000	00000000	00A52C8D	00000000	EC	02	00000000	4		
CLK 09	003B4F2C	6D3C0000	003B4F2C	6D3C0000	004A0000	00000000	014A597A	00000000	EC	01	00000000	2		
CLK 10	01592D45	1B4F0000	00ED3CB	1B4F0000	00280000	00000000	014A597A	00000000	EC	01	00000000	6		
CLK 11	00564B51	46D3C000	00564351	46D3C000	00A00000	00000000	014A597A	00000000	EC	00	00000000	2		
CLK 12	008ABF91	51B4F000	001592D4	51B4F000	00800000	00000000	00A52C8D	00000000	EC	00	00000000	4		
CLK 13	00D3DCA1	546D3C00	002EAFE4	546D3C00	00000000	00000000	00A52C8D	00000000	EC	FF	00000000	0		
CLK 14	0034F728	551B4F00	0034F728	551B4F00	00000000	00000000	014A597A	00000000	EC	FF	00000000	6		
PH 08	0034F728	551B4F00	0034F728	551B4F00	00000000	00000000	014A597A	00000000	EC	FF	00000000	6		
PH 09	0034F728	551B4F00	0034F728	551B4F00	00000000	00000000	014A597A	00000000	EC	FF	00000000	6		
PH 10	0034F728	551B4F00	0034F728	551B4F00	00000000	00000000	014A597A	00000000	EC	FF	2C34F728	6		

TEST N°	FC	R	EW	RU1	EWU1								
FMS	24	5	2508753F	43043218									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	0008753F	25000000	00000000	00000000	00000000	00000000	00000000	00000000	EC	FF	2508753F	6	
PH 02	00043218	43000000	0008753F	25000000	00FCAE10	00000000	00000000	00000000	00	05	43043218	0	
PH 03	000CA757	E8000000	0008753F	A5000000	00FCAE10	00000000	00043218	43000000	00	05	00000000	0	
PH 04	000CA757	00000000	0008753F	00000000	00FCAE10	00000000	00043218	43000000	E8	05	00000000	1	
PH 05	00043218	00000000	0008753F	00000000	00FCAE10	00000000	00043218	00000000	E8	05	00000000	0	
CLK 02	00432180	00000000	00432180	00000000	00FCAE10	00000000	0008753F	00000000	E7	05	00000000	1	
PH 06	0008753F	00000000	00432180	00000000	00FCAE10	00000000	0008753F	00000000	E7	05	00000000	0	
CLK 02	008753F0	00000000	008753F0	00000000	00FCAE10	00000000	00432180	00000000	E6	04	00000000	0	
PH 07	00000000	00000000	008753F0	00000000	00FCAE10	00000000	00432180	00000000	E6	04	00000000	0	
CLK 02	FFBCDE80	00000000	00000000	00000000	00F2B840	00000000	00432180	00000000	E6	04	00000000	5	
CLK 03	FFEF37A0	00000000	FFEF37A0	00000000	00CAE100	00000000	00864300	00000000	E6	03	00000000	3	
CLK 04	FFFBCE80	00000000	FFFBCE80	00000000	002B8400	00000000	00864300	00000000	E6	03	00000000	7	
CLK 05	004214FA	00000000	FFFEF37A	00000000	00AE1000	00000000	00432180	00000000	E6	02	00000000	0	
CLK 06	0053A6BE	80000000	0010853E	80000000	00B84000	00000000	00432180	00000000	E6	02	00000000	4	
CLK 07	00580B2F	A0000000	0014E9AF	A0000000	00E10000	00000000	00432180	00000000	E6	01	00000000	0	
CLK 08	FFD2E14B	E8000000	001602CB	E8000000	00B40000	00000000	00432180	00000000	E6	01	00000000	5	
CLK 09	007AFB52	FA000000	FFF48852	FA000000	00100000	00000000	00864300	00000000	E6	00	00000000	2	
CLK 10	001EBED4	BE800000	001EBED4	BE800000	00400000	00000000	00864300	00000000	E6	00	00000000	6	
CLK 11	008DF2B5	2FA00000	0007AFB5	2FA00000	00000000	00000000	00864300	00000000	E6	FF	00000000	2	
CLK 12	00237CAD	4BE80000	00237CAD	4BE80000	00000000	00000000	00864300	00000000	E6	FF	00000000	6	
PH 08	00237CAD	4BE80000	00237CAD	4BE80000	00000000	00000000	00864300	00000000	E6	FF	00000000	6	
PH 09	00237CAD	4BE80000	00237CAD	4BE80000	00000000	00000000	00864300	00000000	E6	FF	00000000	6	
PH 10	00237CAD	4BE80000	00237CAD	4BE80000	00000000	00000000	00864300	00000000	E6	FF	26237CAD	6	

TEST N°	FC	R	EW	RU1	EWU1								
FMS	25	5	2182FDD8	4A1FEA60									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	0082FDD8	21000000	00000000	00000000	00000000	00000000	00000000	00000000	E6	FF	2182FDD8	6	
PH 02	001FEA60	4A000000	0082FDD8	21000000	001B8F41	00000000	00000000	00000000	00	05	4A1FEA60	0	
PH 03	00A2E838	E8000000	0082FDD8	A1000000	001B8F41	00000000	001FEA60	4A000000	00	05	00000000	0	
PH 04	00A2E838	00000000	0082FDD8	00000000	001B8F41	00000000	001FEA60	4A000000	E8	05	00000000	0	
PH 07	00000000	00000000	0082FDD8	00000000	001B8F41	00000000	001FEA60	00000000	E8	05	00000000	0	
CLK 02	00000000	00000000	00000000	00000000	006EFD04	00000000	003FD4C0	00000000	E8	05	00000000	6	
CLK 03	003FD4C0	00000000	00000000	00000000	00B8F410	00000000	003FD4C0	00000000	E8	04	00000000	2	
CLK 04	002FD0F0	00000000	000FF530	00000000	00EFD040	00000000	001FEA60	00000000	E8	04	00000000	4	
CLK 05	FFEC0D84	00000000	000BF7E4	00000000	00BF4100	00000000	001FEA60	00000000	E8	03	00000000	1	
CLK 06	003AD821	00000000	FFF80361	00000000	00FD0400	00000000	003FD4C0	00000000	E8	03	00000000	6	
CLK 07	FFEC8B8A	40000000	000EB608	40000000	00F41000	00000000	001FEA60	00000000	E8	02	00000000	1	
CLK 08	FFFB2E8A	10000000	FFFBB2EA	10000000	00D04000	00000000	003FD4C0	00000000	E8	02	00000000	7	
CLK 09	FFFECCBA	84000000	FFFECCBA	84000000	00410000	00000000	003FD4C0	00000000	E8	01	00000000	3	
CLK 10	FFDF00CE	A1000000	FFFBB2E8	A1000000	00040000	00000000	001FEA60	00000000	E8	01	00000000	5	
CLK 11	0017DE93	A8400000	FFF7F433	A8400000	00100000	00000000	001FEA60	00000000	E8	00	00000000	0	
CLK 12	0005F7A4	EA100000	0005F7A4	EA100000	00400000	00000000	003FD4C0	00000000	E8	00	00000000	6	
CLK 13	004132A9	3A840000	00017DE9	3A840000	00000000	00000000	003FD4C0	00000000	E8	FF	00000000	2	
CLK 14	001054AA	4EA10000	001054AA	4EA10000	00000000	00000000	003FD4C0	00000000	E8	FF	00000000	6	
PH 08	001054AA	4EA10000	001054AA	4EA10000	00000000	00000000	003FD4C0	00000000	E8	FF	00000000	6	
PH 09	001054AA	4EA10000	001054AA	4EA10000	00000000	00000000	003FD4C0	00000000	E8	FF	00000000	6	
PH 10	001054AA	4EA10000	001054AA	4EA10000	00000000	00000000	003FD4C0	00000000	E8	FF	261054AA	6	

TEST NO	FC	R	EW	RU1	EWU1	B	D(46=71)	D(00=31)	E	F	FP	SW
FMS 26	5	17DA99E6	5A0DC619									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	00DA99E6	17000000	00000000	00000000	00000000	00000000	00000000	00000000	EB	FF	17DA99E6	6
PH 02	000DC619	5A000000	00DA99E6	17000000	0067995B	00000000	00000000	00000000	00	05	5A0DC619	0
PH 03	00E85FFF	F1000000	00DA99E6	97000000	0067995B	00000000	000DC619	5A000000	00	05	00000000	0
PH 04	00E85FFF	00000000	00DA99E6	00000000	0067995B	00000000	000DC619	5A000000	F1	05	00000000	1
PH 05	000DC619	00000000	00DA99E6	00000000	0067995B	00000000	000DC619	00000000	F1	05	00000000	0
CLK 02	00DC6190	00000000	00DC6190	00000000	0067995B	00000000	00DA99E6	00000000	FO	05	00000000	1
PH 06	00DA99E6	00000000	00DC6190	00000000	0067995B	00000000	00DA99E6	00000000	FO	05	00000000	0
PH 07	00000000	00000000	00DA99E6	00000000	0067995B	00000000	00DC6190	00000000	FO	05	00000000	0
CLK 02	01B8C320	00000000	00000000	00000000	009E656C	00000000	01B8C320	00000000	FO	05	00000000	6
CLK 03	014A9258	00000000	006E30C8	00000000	007995B0	00000000	00DC6190	00000000	FO	04	00000000	0
CLK 04	020B67B6	00000000	0052A496	00000000	00E656C0	00000000	01B8C320	00000000	FO	04	00000000	1
CLK 05	FFA6785D	80000000	0082D9ED	80000000	00995800	00000000	00DC6190	00000000	FO	03	00000000	6
CLK 06	01A26137	60000000	FF99E17	60000000	00656C00	00000000	01B8C320	00000000	FO	03	00000000	6
CLK 07	0221586D	D8000000	0068984D	D8000000	0095B000	00000000	01B8C320	00000000	FO	02	00000000	2
CLK 08	016AB86B	76000000	008856DB	76000000	0056C000	00000000	00DC6190	00000000	FO	02	00000000	4
CLK 09	0211F13A	DD800000	00592E1A	DD800000	005B0000	00000000	01B8C320	00000000	FO	01	00000000	2
CLK 10	023D3F6E	B7600000	00847C4F	B7600000	006C0000	00000000	01B8C320	00000000	FO	01	00000000	6
CLK 11	024812FB	ADD80000	008F4FDB	ADD80000	00800000	00000000	01B8C320	00000000	FO	00	00000000	2
CLK 12	016E664E	EB760000	009204RE	EB760000	00C00000	00000000	00DC6190	00000000	FO	00	00000000	4
CLK 13	FF7F3803	BADD8000	005B9993	BADD8000	00000000	00000000	00DC6190	00000000	FO	FF	00000000	1
CLK 14	00BC2F90	EEB76000	FFDFCE00	EEB76000	00000000	00000000	00DC6190	00000000	FO	FF	00000000	4
PH 08	00BC2F90	EEB76000	00BC2F90	EEB76000	00000000	00000000	00DC6190	00000000	FO	FF	00000000	4
PH 09	00BC2F90	EEB76000	00BC2F90	EEB76000	00000000	00000000	00DC6190	00000000	FO	FF	00000000	4
PH 10	00BC2F90	EEB76000	00BC2F90	EEB76000	00000000	00000000	00DC6190	00000000	FO	FF	33BC2F90	4

TEST NO	FC	R	EW	RU1	EWU1	B	D(46=71)	D(00=31)	E	F	FP	SW
FMS 27	5	15B897C4	41A766B3									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	00B897C4	15000000	00000000	00000000	00000000	00000000	00000000	00000000	FO	FF	15B897C4	4
PH 02	00A766B3	41000000	00B897C4	15000000	0023E91D	00000000	00000000	00000000	00	05	41A766B3	0
PH 03	015FFE77	D6000000	00B897C4	95000000	0023E91D	00000000	00A766B3	41000000	00	05	00000000	0
PH 04	015FFE77	00000000	00B897C4	00000000	0023E91D	00000000	00A766B3	41000000	D6	05	00000000	0
PH 07	00000000	00000000	00B897C4	00000000	0023E91D	00000000	00A766B3	00000000	D6	05	00000000	0
CLK 02	00000000	00000000	00000000	00000000	008FA474	00000000	014EC066	00000000	D6	05	00000000	6
CLK 03	00A766B3	00000000	00000000	00000000	003E91D0	00000000	00A766B3	00000000	D6	04	00000000	0
CLK 04	0029D9AC	C0000000	0029D9AC	C0000000	00FA4740	00000000	014EC066	00000000	D6	04	00000000	6
CLK 05	FF630FB8	30000000	000A766B	30000000	00E91D00	00000000	00A766B3	00000000	D6	03	00000000	1
CLK 06	FFD8C3FE	0C000000	FFD8C3FE	0C000000	00A47400	00000000	014EC066	00000000	D6	03	00000000	7
CLK 07	0144FE61	83000000	FF630FB8	83000000	0091D000	00000000	014EC066	00000000	D6	02	00000000	2
CLK 08	00F8A64B	60C00000	00513F98	60C00000	00474000	00000000	00A766B3	00000000	D6	02	00000000	4
CLK 09	018CF6F8	D8300000	003E2992	D8300000	001D0000	00000000	014EC066	00000000	D6	01	00000000	2
CLK 10	006330B5	360C0000	006330B5	360C0000	00740000	00000000	014EC066	00000000	D6	01	00000000	6
CLK 11	01679C05	8D830000	0018CF6F	8D830000	00000000	00000000	014EC066	00000000	D6	00	00000000	2
CLK 12	FFR280A2	6360C000	0059E735	6360C000	00400000	00000000	00A766B3	00000000	D6	00	00000000	5
CLK 13	FF45396D	98D93000	FFECA020	98D83000	00000000	00000000	00A766B3	00000000	D6	FF	00000000	1
CLK 14	0078950E	66360C00	FFD14E5B	66360C00	00000000	00000000	00A766B3	00000000	D6	FF	00000000	4
PH 08	0078950E	66360C00	0078950E	66360C00	00000000	00000000	00A766B3	00000000	D6	FF	00000000	4
PH 09	0078950E	66360C00	0078950E	66360C00	00000000	00000000	00A766B3	00000000	D6	FF	00000000	4
PH 10	0078950E	66360C00	0078950E	66360C00	00000000	00000000	00A766B3	00000000	D6	FF	1678950E	4

TEST No	FC	R	EW	RU1	EWU1	B	D(46-71)	D(00-31)	E	F	FP	SW
FMS 28	5	136AF5B2	26C9BAD5									
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	006AF5B2	13000000	00000000	00000000	00000000	00000000	00000000	00000000	D6	FF	136AF5B2	4
PH 02	00C9BAD5	26000000	006AF5B2	13000000	004DAF56	00000000	00000000	00000000	00	05	26C9BAD5	0
PH 03	0134B087	B9000000	006AF5B2	93000000	004DAF56	00000000	00C9BAD5	26000000	00	05	00000000	0
PH 04	0134B087	00000000	006AF5B2	00000000	004DAF56	00000000	00C9BAD5	26000000	B9	05	00000000	0
PH 07	00000000	00000000	006AF5B2	00000000	004DAF56	00000000	00C9BAD5	00000000	B9	05	00000000	0
CLK 02	019375AA	00000000	00000000	00000000	0036BD58	00000000	019375AA	00000000	B9	05	00000000	6
CLK 03	0064DD6A	80000000	0064DD6A	80000000	00DAF560	00000000	019375AA	00000000	B9	04	00000000	2
CLK 04	FF4F7C85	A0000000	0019375A	A0000000	006BD580	00000000	00C9BAD5	00000000	B9	04	00000000	5
CLK 05	FF0A244C	68000000	FFD3DF21	68000000	00AF5600	00000000	00C9BAD5	00000000	B9	03	00000000	1
CLK 06	0155FEED	1A000000	FFC28913	1A000000	00BD5800	00000000	019375AA	00000000	B9	03	00000000	6
CLK 07	011F3A84	46800000	00557FAF	46800000	00F56000	00000000	00C9BAD5	00000000	B9	02	00000000	0
CLK 08	FF7E13CC	11A00000	0047CEA1	11A00000	00D58000	00000000	00C9BAD5	00000000	B9	02	00000000	5
CLK 09	FFDF84F3	04680000	FFDF84F3	04680000	00560000	00000000	019375AA	00000000	B9	01	00000000	3
CLK 10	FF2E2667	C11A0000	FFF7E13C	C11A0000	00580000	00000000	00C9BAD5	00000000	B9	01	00000000	5
CLK 11	FF01CEC4	F0468000	FFC88999	F0468000	00600000	00000000	00C9BAD5	00000000	B9	00	00000000	1
CLK 12	FEF6B8DC	3C11A000	FFC073B1	3C11A000	00800000	00000000	00C9BAD5	00000000	B9	00	00000000	5
CLK 13	015123E1	0F046800	FFBDAE37	0F046800	00000000	00000000	019375AA	00000000	B9	FF	00000000	2
CLK 14	005448F8	43C11A00	005448F8	43C11A00	00000000	00000000	019375AA	00000000	B9	FF	00000000	6
PH 08	005448F8	43C11A00	005448F8	43C11A00	00000000	00000000	019375AA	00000000	B9	FF	00000000	6
PH 09	005448F8	43C11A00	005448F8	43C11A00	00000000	00000000	019375AA	00000000	B9	FF	00000000	6
PH 10	005448F8	43C11A00	005448F8	43C11A00	00000000	00000000	019375AA	00000000	B9	FF	00000000	6

TEST No	FC	R	EW	RU1	EWU1	B	D(46-71)	D(00-31)	E	F	FP	SW
FMS 29	5	F3578058	51234034									
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	03578058	F3000000	00000000	00000000	00000000	00000000	00000000	00000000	B9	FF	F3578058	6
PH 02	00234034	51000000	FF578058	F3000000	001A01EA	00000000	00000000	00000000	00	05	51234034	0
PH 03	FF7AC08C	0D000000	FF578058	8C000000	001A01EA	00000000	00234034	51000000	00	05	00000000	0
PH 04	FF7AC08C	00000000	FF578058	00000000	001A01EA	00000000	00234034	51000000	DD	05	00000000	1
PH 07	00000000	00000000	FF578058	00000000	001A01EA	00000000	00234034	00000000	DD	05	00000000	0
CLK 02	00000000	00000000	00000000	00000000	006807A8	00000000	00468068	00000000	DD	05	00000000	7
CLK 03	00468068	00000000	00000000	00000000	00A01EA0	00000000	00468068	00000000	DD	C4	00000000	2
CLK 04	00582092	00000000	0011A01A	00000000	00807A80	00000000	00468068	00000000	DD	04	00000000	6
CLK 05	005C8888	80000000	00160820	80000000	0001EA00	00000000	00468068	00000000	DD	03	00000000	2
CLK 06	FFF3E1EE	20000000	00172222	20000000	0007A800	00000000	00234034	00000000	DD	03	00000000	5
CLK 07	FFF3E1EE	88000000	FFF3E1EE	88000000	001EA000	00000000	00468068	00000000	DD	02	00000000	3
CLK 08	FFF3E1EE	E2000000	FFF3E1EE	E2000000	007A8000	00000000	00468068	00000000	DD	02	00000000	7
CLK 09	00464FFF	B8800000	FFF3E1EE	B8800000	00EA0000	00000000	00468068	00000000	DD	01	00000000	6
CLK 10	001193FB	EE200000	001193FB	EE200000	00A80000	00000000	00468068	00000000	DD	01	00000000	6
CLK 11	004AE566	F8880000	000464FE	F8880000	00A00000	00000000	00468068	00000000	DD	00	00000000	2
CLK 12	005939C1	BEE20000	0012B959	BEE20000	00800000	00000000	00468068	00000000	DD	00	00000000	6
CLK 13	005CCED8	6FB88000	00164E70	6FB88000	00000000	00000000	00468068	00000000	DD	FF	00000000	2
CLK 14	001733B6	1BEE2000	001733B6	1BEE2000	00000000	00000000	00468068	00000000	DD	FF	00000000	6
PH 08	001733B6	1BEE2000	001733B6	1BEE2000	00000000	00000000	00468068	00000000	DD	FF	00000000	6
PH 09	FFF8CC49	E411E000	001733B6	1BEE2000	00000000	00000000	00468068	00000000	DD	FF	00000000	6
PH 10	FFE8CC4A	E411E000	001733B6	1BEE2000	00000000	00000000	00468068	00000000	DD	FF	E2E8CC4A	6

TEST NO	FC	R	EW	RU1	EWU1								
FMS 30	5	C08DDF82	06AEF1A4										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	038DDF82	C0000000	00000000	00000000	00000000	00000000	00000000	00000000	22	FF	C08DDF82	6	
PH 02	00AEF1A4	06000000	FF8DDF82	C0000000	0041FBB1	00000000	00000000	00000000	00	05	06AEF1A4	0	
PH 03	003CD126	C5000000	FF8DDF82	Bf000000	0041FBB1	00000000	00AEF1A4	06000000	00	05	00000000	0	
PH 04	003CD126	00000000	FF8DDF82	00000000	0041FBB1	00000000	00AEF1A4	06000000	C5	05	00000000	1	
PH 07	00000000	00000000	FF8DDF82	00000000	0041FBB1	00000000	00AEF1A4	00000000	C5	05	00000000	1	
CLK 02	015DE348	00000000	00000000	00000000	0007EEC4	00000000	015DE348	00000000	C5	05	00000000	6	
CLK 03	FFA8872E	00000000	005778D2	00000000	001FBB10	00000000	00AEF1A4	00000000	C5	04	00000000	1	
CLK 04	FFEA21CB	80000000	FFEA21CB	80000000	007EEC40	00000000	015DE348	00000000	C5	04	00000000	7	
CLK 05	015865BA	E0000000	FFFA8872	E0000000	00FB3100	00000000	015DE348	00000000	C5	03	00000000	2	
CLK 06	00561AEE	B8000000	00561AEE	B8000000	00EEC400	00000000	015DE348	00000000	C5	03	00000000	6	
CLK 07	0015868B	AE000000	0015868B	AE000000	00B31000	00000000	015DE348	00000000	C5	02	00000000	2	
CLK 08	016344F6	EB800000	000561AE	EB800000	00EC4000	00000000	015DE348	00000000	C5	02	00000000	6	
CLK 09	0058D13D	BAE00000	0058D13D	BAE00000	00B10000	00000000	015DE348	00000000	C5	01	00000000	2	
CLK 10	01741797	6EB80000	0016344F	6EB80000	00C40000	00000000	015DE348	00000000	C5	01	00000000	6	
CLK 11	00D050E5	DBAE0000	005D05E5	DBAE0000	00100000	00000000	015DE348	00000000	C5	00	00000000	2	
CLK 12	FF684FD5	76EB8000	00174179	76EB8000	00400000	00000000	00AEF1A4	00000000	C5	00	00000000	5	
CLK 13	0137F73D	5DBAE000	FFDA13F5	5DBAE000	00000000	00000000	015DE348	00000000	C5	FF	00000000	2	
CLK 14	004DFDCF	576EB800	004DFDCF	576EB800	00000000	00000000	015DE348	00000000	C5	FF	00000000	6	
PH 08	004DFDCF	576EB800	004DFDCF	576EB800	00000000	00000000	015DE348	00000000	C5	FF	00000000	6	
PH 09	FFB20230	A8914800	004DFDCF	576EB800	00000000	00000000	015DE348	00000000	C5	FF	00000000	6	
PH 10	FFB20231	A8914800	004DFDCF	576EB800	00000000	00000000	015DE348	00000000	3A	FF	FAB20231	6	

TEST NO	FC	R	EW	RU1	EWU1								
FMS 31	5	E699AD73	3D60DA5										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	0399AD73	E6000000	00000000	00000000	00000000	00000000	00000000	00000000	3A	FF	E699AD73	6	
PH 02	0060DA5	3D000000	FF99AD73	E6000000	00CEB599	00000000	00000000	00000000	00	05	3D60DA5	0	
PH 03	FFA7E18	D6000000	FF99AD73	99000000	00CEB599	00000000	0060DA5	3D000000	00	05	00000000	0	
PH 04	FFA7E18	00000000	FF99AD73	00000000	00CEB599	00000000	0060DA5	3D000000	D6	05	00000000	1	
PH 07	00000000	00000000	FF99AD73	00000000	00CEB599	00000000	0060DA5	00000000	D6	05	00000000	1	
CLK 02	0060DA5	00000000	00000000	00000000	003AD664	00000000	0060DA5	00000000	D6	05	00000000	4	
CLK 03	FFB76384	40000000	00183429	40000000	00E35990	00000000	0060DA5	00000000	D6	04	00000000	1	
CLK 04	004EA986	10000000	FFEDD8E1	10000000	00AD6640	00000000	0060DA5	00000000	D6	04	00000000	4	
CLK 05	00D54BAB	84000000	0013AA61	84000000	00B59900	00000000	00C1A14A	00000000	D6	03	00000000	2	
CLK 06	00F6F434	E1000000	003552EA	E1000000	00C66400	00000000	00C1A14A	00000000	D6	03	00000000	6	
CLK 07	003DB00D	38400000	003DB00D	38400000	00599000	00000000	00C1A14A	00000000	D6	02	00000000	2	
CLK 08	00703FE8	4E100000	000F6F43	4E100000	00664000	00000000	0060DA5	00000000	D6	02	00000000	4	
CLK 09	007CE09F	13840000	001C0FFA	13840000	00990000	00000000	0060DA5	00000000	D6	01	00000000	0	
CLK 10	00E0D971	C4E10000	001F3327	C4E10000	00440000	00000000	00C1A14A	00000000	D6	01	00000000	6	
CLK 11	00990701	71384000	0038365C	71384000	00900000	00000000	0060DA5	00000000	D6	00	00000000	0	
CLK 12	00E7E30A	5C4E1000	002641C0	5C4E1000	00400000	00000000	00C1A14A	00000000	D6	00	00000000	6	
CLK 13	009AC967	97138400	0039F8C2	97138400	00000000	00000000	0060DA5	00000000	D6	FF	00000000	0	
CLK 14	00268259	E5C4E100	00268259	E5C4E100	00000000	00000000	00C1A14A	00000000	D6	FF	00000000	6	
PH 08	00268259	E5C4F100	00268259	E5C4E100	00000000	00000000	00C1A14A	00000000	D6	FF	00000000	6	
PH 09	FFD94DA6	1A3B1F00	00268259	E5C4E100	00000000	00000000	00C1A14A	00000000	D6	FF	00000000	6	
PH 10	FFD94DA7	1A3B1F00	00268259	E5C4E100	00000000	00000000	00C1A14A	00000000	29	FF	E9D94DA7	6	

TEST No	FC	R	EW	RU1	EWU1	8							
FMS	32	5	2C798B51	38667A40									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00798B51	2C000000	00000000	00000000	00000000	00000000	00000000	00000000	29	FF	2C798B51	6	
PH 02	00667A40	3B000000	00798B51	2C000000	008AD19E	00000000	00000000	00000000	00	05	38667A40	0	
PH 03	00E00591	E7000000	00798B51	AC000000	008AD19E	00000000	00667A40	3B000000	00	05	00000000	0	
PH 04	00E00591	00000000	00798B51	00000000	008AD19E	00000000	00667A40	3B000000	E7	05	00000000	0	
PH 07	00000000	00000000	00798B51	00000000	008AD19E	00000000	00667A40	00000000	E7	05	00000000	0	
CLK 02	00667A40	00000000	00000000	00000000	002B4678	00000000	00667A40	00000000	E7	05	00000000	4	
CLK 03	00199E90	00000000	00199E90	00000000	00AD19E0	00000000	00CF480	00000000	E7	04	00000000	2	
CLK 04	006CE1E4	00000000	000667A4	00000000	00B46780	00000000	00667A40	00000000	E7	04	00000000	4	
CLK 05	0081B2B9	00000000	001B3879	00000000	00D19E00	00000000	00667A40	00000000	E7	03	00000000	0	
CLK 06	FFB9F26E	40000000	00206CAE	40000000	00467800	00000000	00667A40	00000000	E7	03	00000000	5	
CLK 07	FF88025B	90000000	FFEE7C9B	90000000	0019E000	00000000	00667A40	00000000	E7	02	00000000	1	
CLK 08	00487AD6	E4000000	FFEE2096	E4000000	00678000	00000000	00667A40	00000000	E7	02	00000000	4	
CLK 09	00DF1335	B9000000	00121E85	B9000000	009E0000	00000000	00CF480	00000000	E7	01	00000000	2	
CLK 10	009E3F0D	6E400000	0037CAD0	6E400000	00780000	00000000	00667A40	00000000	E7	01	00000000	4	
CLK 11	00F48443	5B900000	00278FC3	5B900000	00E00000	00000000	00CF480	00000000	E7	00	00000000	2	
CLK 12	FFD6A6D0	D6E40000	003D2110	D6E40000	00800000	00000000	00667A40	00000000	E7	00	00000000	5	
CLK 13	00C29E34	3B900000	FFF5A9B4	3B900000	00000000	00000000	00CF480	00000000	E7	FF	00000000	2	
CLK 14	0030A78D	0D6E4000	0030A78D	0D6E4000	00000000	00000000	00CF480	00000000	E7	FF	00000000	6	
PH 08	0030A78D	0D6E4000	0030A78D	0D6E4000	00000000	00000000	00CF480	00000000	E7	FF	00000000	6	
PH 09	0030A78D	0D6E4000	0030A78D	0D6E4000	00000000	00000000	00CF480	00000000	E7	FF	00000000	6	
PH 10	0030A78D	0D6E4000	0030A78D	0D6E4000	00000000	00000000	00CF480	00000000	E7	FF	2730A78D	6	

TEST No	FC	R	EW	RU1	EWU1	8							
FMS	33	5	2B5FA631	5DA99C62									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	005FA631	2B000000	00000000	00000000	00000000	00000000	00000000	00000000	E7	FF	2B5FA631	6	
PH 02	00AA9C62	5D000000	005FA631	2B000000	008C65FA	00000000	00000000	00000000	00	05	5DA99C62	0	
PH 03	010A4294	08000000	005FA631	AB000000	008C65FA	00000000	00AA9C62	5D000000	00	05	00000000	0	
PH 04	010A4294	00000000	005FA631	00000000	008C65FA	00000000	00AA9C62	5D000000	08	05	00000000	0	
PH 07	00000000	00000000	005FA631	00000000	008C65FA	00000000	00AA9C62	00000000	08	05	00000000	0	
CLK 02	00AA9C62	00000000	00000000	00000000	003197E8	00000000	00AA9C62	00000000	08	05	00000000	4	
CLK 03	002AA718	80000000	002AA718	80000000	00C65FA0	00000000	015538C4	00000000	08	04	00000000	2	
CLK 04	FF600D64	20000000	000AA9C6	20000000	00197E80	00000000	00AA9C62	00000000	08	04	00000000	5	
CLK 05	00829F8B	08000000	FFD80359	08000000	0065FA00	00000000	00AA9C62	00000000	08	03	00000000	0	
CLK 06	0175E082	C2000000	0020A7EE	C2000000	0097E800	00000000	015538C4	00000000	08	03	00000000	6	
CLK 07	0108148E	B0800000	005D782C	B0800000	005FA000	00000000	00AA9C62	00000000	08	02	00000000	0	
CLK 08	019730F7	AC200000	00420523	AC200000	007E8000	00000000	015538C4	00000000	08	02	00000000	6	
CLK 09	01RB083D	E8080000	0065CF79	E8080000	00FA0000	00000000	015538C4	00000000	08	01	00000000	2	
CLK 10	FFC425AD	7AC20000	006EC20F	7AC20000	00E80000	00000000	00AA9C62	00000000	08	01	00000000	5	
CLK 11	FFF1096B	5EB08000	FFF1096B	5EB08000	00A00000	00000000	015538C4	00000000	08	00	00000000	3	
CLK 12	0151731E	D7AC2000	FFFC425A	D7AC2000	00800000	00000000	015538C4	00000000	08	00	00000000	6	
CLK 13	00EFC829	B5E08000	00545EC7	B5E08000	00000000	00000000	00AA9C62	00000000	08	FF	00000000	0	
CLK 14	003FBCEA	6D7AC200	003FBCEA	6D7AC200	00000000	00000000	015538C4	00000000	03	FF	00000000	6	
PH 08	003FBCEA	6D7AC200	003FBCEA	6D7AC200	00000000	00000000	015538C4	00000000	03	FF	00000000	6	
PH 09	003FBCEA	6D7AC200	003FBCEA	6D7AC200	00000000	00000000	015538C4	00000000	03	FF	00000000	6	
PH 10	003FBCEA	6D7AC200	003FBCEA	6D7AC200	00000000	00000000	015538C4	00000000	08	FF	4B3FBCEA	6	

TEST N°	FC	R	EW	RJ1	EW1	θ							
FMS	34	5	EDD28F48	67F4A1EA									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03D28F48	ED000000	00000000	00000000	00000000	00000000	00000000	00000000	08	FF	EDD28F48	6	
PH 02	00F4A1EA	67000000	FFD28F48	ED000000	0012F14B	00000000	00000000	00000000	00	05	67F4A1EA	0	
PH 03	00C73132	F9000000	FFD28F48	92000000	0012F14B	00000000	00F4A1EA	67000000	00	05	00000000	0	
PH 04	00C73132	00000000	FFD28F48	00000000	0012F14B	00000000	00F4A1EA	67000000	F9	05	00000000	1	
PH 07	00000000	00000000	FFD28F48	00000000	0012F14B	00000000	00F4A1EA	00000000	F9	05	00000000	1	
CLK 02	00000000	00000000	00000000	00000000	004BC52C	00000000	01E943D4	00000000	F9	05	00000000	7	
CLK 03	01E943D4	00000000	00000000	00000000	002F14B0	00000000	01E943D4	00000000	F9	04	00000000	2	
CLK 04	FF85AF0B	00000000	007A50F5	00000000	008C52C0	00000000	00F4A1EA	00000000	F9	04	00000000	5	
CLK 05	FECC908	C0000000	FFE168C2	C0000000	00F14B00	00000000	00F4A1EA	00000000	F9	03	00000000	1	
CLK 06	00AFD460	30000000	FFB3276	30000000	00C52C00	00000000	00F4A1EA	00000000	F9	03	00000000	4	
CLK 07	002BF518	0C000000	002BF518	0C000000	0014B000	00000000	01E943D4	00000000	F9	02	00000000	2	
CLK 08	FF165B5C	03000000	000AFD46	03000000	0052C000	00000000	00F4A1EA	00000000	F9	02	00000000	5	
CLK 09	01AEDAAB	00C00000	FFC59607	00C00000	004B0000	00000000	01E943D4	00000000	F9	01	00000000	2	
CLK 10	01605894	C0300000	0068B6AA	C0300000	002C0000	00000000	00F4A1EA	00000000	F9	01	00000000	4	
CLK 11	FF63743B	300C0000	00581625	300C0000	00B00000	00000000	00F4A1EA	00000000	F9	00	00000000	1	
CLK 12	FEE43B24	CC030000	FFD8D0DE	CC030000	00C00000	00000000	00F4A1EA	00000000	F9	00	00000000	5	
CLK 13	00ADB0B3	3300C000	FFB90EC9	3300C000	00000000	00000000	00F4A1EA	00000000	F9	FF	00000000	0	
CLK 14	002B6C2C	CCC03000	002B6C2C	CCC03000	00000000	00000000	01E943D4	00000000	F9	FF	00000000	6	
PH 08	002B6C2C	CCC03000	002B6C2C	CCC03000	00000000	00000000	01E943D4	00000000	F9	FF	00000000	6	
PH 09	FFD493D4	333FD000	002B6C2C	CCC03000	00000000	00000000	01E943D4	00000000	F9	FF	00000000	6	
PH 10	FFD493D4	333FD000	002B6C2C	CCC03000	00000000	00000000	01E943D4	00000000	06	FF	C6D493D4	6	

TEST N°	FC	R	EW	RJ1	EW1	θ							
FMS	35	5	09A37D9E	9CD5A061									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00A37D9E	09000000	00000000	00000000	00000000	00000000	00000000	00000000	06	FF	09A37D9E	6	
PH 02	03D5A061	9C000000	00A37D9E	09000000	0079BEC5	00000000	00000000	00000000	00	05	9CD5A061	0	
PH 03	00CDD03C	EC800000	00A37D9E	89000000	0079BEC5	00000000	FFD5A061	9C800000	00	05	00000000	0	
PH 04	00CDD03C	00000000	00A37D9E	00000000	0079BEC5	00000000	FFD5A061	9C800000	EC	05	00000000	1	
PH 07	00000000	00000000	00A37D9E	00000000	0079BEC5	00000000	FFD5A061	00000000	EC	05	00000000	1	
CLK 02	FFAB40C2	00000000	00000000	00000000	00E6F314	00000000	FFAB40C2	00000000	EC	05	00000000	6	
CLK 03	FFEAD030	80000000	FFEAD030	80000000	009BEC50	00000000	FFAB40C2	00000000	EC	04	00000000	2	
CLK 04	FFA5F4CE	20000000	FFFAH40C	20000000	006FB140	00000000	FFAB40C2	00000000	EC	04	00000000	6	
CLK 05	FFB1D94	88000000	FFE97D33	88000000	003EC500	00000000	FFD5A061	00000000	EC	03	00000000	0	
CLK 06	FF930827	22000000	FFEFC7A5	22000000	00F31400	00000000	FFAB40C2	00000000	EC	03	00000000	6	
CLK 07	FFF6C209	C8800000	FFE6C209	C8800000	00EC5000	00000000	FFAB40C2	00000000	EC	02	00000000	2	
CLK 08	FFF9B082	72200000	FFF9B082	72200000	00914000	00000000	FFAB40C2	00000000	EC	02	00000000	6	
CLK 09	FFA9ACE2	9C880000	FFE6C209	9C880000	00C50000	00000000	FFAB40C2	00000000	EC	01	00000000	2	
CLK 10	FFEA6B38	A7220000	FFEA6B38	A7220000	00140000	00000000	FFAB40C2	00000000	EC	01	00000000	6	
CLK 11	0024FA6D	29C88000	FFFA9ACE	29C88000	00500000	00000000	FFD5A061	00000000	EC	00	00000000	1	
CLK 12	FFB47F5D	4A722000	00093E9B	4A722000	00400000	00000000	FFAB40C2	00000000	EC	00	00000000	6	
CLK 13	FFC2C038	529C8800	FFED1F07	529C8800	00000000	00000000	FFD5A061	00000000	EC	FF	00000000	0	
CLK 14	00190FAD	14A72200	FFF0B00E	14A72200	00000000	00000000	FFD5A061	00000000	EC	FF	00000000	5	
PH 08	00190FAD	14A72200	00190FAD	14A72200	00000000	00000000	FFD5A061	00000000	EC	FF	00000000	5	
PH 09	FFE4F052	EB58DE00	00190FAD	14A72200	00000000	00000000	FFD5A061	00000000	EC	FF	00000000	5	
PH 10	FFE4F053	EB58DE00	00190FAD	14A72200	00000000	00000000	FFD5A061	00000000	13	FF	D3E4F053	5	

TEST NO	FC	R	EW	RU1	EWU1							
FMS 36	5	29815B7C	36704AB6									
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	00815B7C	29000000	00000000	00000000	00000000	00000000	00000000	00000000	13	FF	29815B7C	5
PH 02	00704AB6	36000000	00815B7C	29000000	003EDA81	00000000	00000000	00000000	00	05	36704AB6	0
PH 03	00F1A632	DF000000	00815B7C	A9000000	003EDA81	00000000	00704AB6	36000000	00	05	00000000	0
PH 04	00F1A632	00000000	00815B7C	00000000	003EDA81	00000000	00704AB6	36000000	DF	05	00000000	0
PH 07	00000000	00000000	00815B7C	00000000	003EDA81	00000000	00704AB6	00000000	DF	05	00000000	0
CLK 02	00000000	00000000	00000000	00000000	00FB6A04	00000000	00E0956C	00000000	DF	05	00000000	6
CLK 03	FFFB54A	00000000	00000000	00000000	00EDA810	00000000	00704AB6	00000000	DF	04	00000000	1
CLK 04	FFE3ED52	80000000	FFE3ED52	80000000	00B6A040	00000000	00E0956C	00000000	DF	04	00000000	7
CLK 05	00D990C0	A0000000	FFF8FB54	A0000000	00DA8100	00000000	00E0956C	00000000	DF	03	00000000	2
CLK 06	FFC6197A	28000000	00366430	28000000	006A0400	00000000	00704AB6	00000000	DF	03	00000000	5
CLK 07	FFR13BA8	8A000000	FFF1865E	8A000000	00A81000	00000000	00704AB6	00000000	DF	02	00000000	1
CLK 08	00C0E456	22800000	FFE04EEA	22800000	00A04000	00000000	00E0956C	00000000	DF	02	00000000	6
CLK 09	00A083CB	88A00000	00303915	88A00000	00810000	00000000	00704AB6	00000000	DF	01	00000000	0
CLK 10	00986BA8	E2280000	002820F2	E2280000	00040000	00000000	00704AB6	00000000	DF	01	00000000	4
CLK 11	00261AEA	388A0000	00261AEA	388A0000	00100000	00000000	00E0956C	00000000	DF	00	00000000	2
CLK 12	000986BA	8E228000	000986BA	8E228000	00400000	00000000	00E0956C	00000000	DF	00	00000000	6
CLK 13	00E2F71A	A388A000	000261AE	A388A000	00000000	00000000	00E0956C	00000000	DF	FF	00000000	2
CLK 14	0038BDC6	A8E22800	0038BDC6	A8E22800	00000000	00000000	00E0956C	00000000	DF	FF	00000000	6
PH 08	0038BDC6	A8E22800	0038BDC6	A8E22800	00000000	00000000	00E0956C	00000000	DF	FF	00000000	6
PH 09	0038BDC6	A8E22800	0038BDC6	A8E22800	00000000	00000000	00E0956C	00000000	DF	FF	00000000	6
PH 10	0038BDC6	A8E22800	0038BDC6	A8E22800	00000000	00000000	00E0956C	00000000	DF	FF	1F38BDC6	6

TEST NO	FC	R	EW	RU1	EWU1							
FMS 37	5	1FA1365B	5A962CAD									
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	00A1365B	1F000000	00000000	00000000	00000000	00000000	00000000	00000000	DF	FF	1FA1365B	6
PH 02	00962CAD	5A000000	00A1365B	1F000000	00DA6C85	00000000	00000000	00000000	00	05	5A962CAD	0
PH 03	01376308	F9000000	00A1365B	9F000000	00DA6C85	00000000	00962CAD	5A000000	00	05	00000000	0
PH 04	01376308	00000000	00A1365B	00000000	00DA6C85	00000000	00962CAD	5A000000	F9	05	00000000	0
PH 07	00000000	00000000	00A1365B	00000000	00DA6C85	00000000	00962CAD	00000000	F9	05	00000000	0
CLK 02	FF69D353	00000000	00000000	00000000	00699214	00000000	00962CAD	00000000	F9	05	00000000	5
CLK 03	FF444827	C0000000	FFDA74D4	C0000000	00A6C850	00000000	00962CAD	00000000	F9	04	00000000	1
CLK 04	00FD6863	F0000000	FFD11209	F0000000	00982140	00000000	012C595A	00000000	F9	04	00000000	6
CLK 05	00058785	FC000000	003F5AD8	FC000000	006C8500	00000000	00962CAD	00000000	F9	03	00000000	0
CLK 06	01618B38	7F000000	003561E1	7F000000	00B21400	00000000	012C595A	00000000	F9	03	00000000	6
CLK 07	00E99B7B	DFC00000	00586ECE	DFC00000	00C85000	00000000	00962CAD	00000000	F9	02	00000000	0
CLK 08	FFA57A31	F7F00000	003BA6DE	F7F00000	00214000	00000000	00962CAD	00000000	F9	02	00000000	5
CLK 09	007F8939	7DFC0000	FFE95E8C	7DFC0000	00850000	00000000	00962CAD	00000000	F9	01	00000000	0
CLK 10	00R60F7B	5F7F0000	001FE2CE	5F7F0000	00140000	00000000	00962CAD	00000000	F9	01	00000000	4
CLK 11	002D83DE	D7DFC000	002D83DE	D7DFC000	00500000	00000000	012C595A	00000000	F9	00	00000000	2
CLK 12	0137BA51	85F7F000	000B60F7	85F7F000	00400000	00000000	012C595A	00000000	F9	00	00000000	6
CLK 13	017A47EE	6D7DFC00	004DEE94	6D7DFC00	00000000	00000000	012C595A	00000000	F9	FF	00000000	2
CLK 14	005E91FB	985F7F00	005E91FB	985F7F00	00000000	00000000	012C595A	00000000	F9	FF	00000000	6
PH 08	005E91FB	985F7F00	005E91FB	985F7F00	00000000	00000000	012C595A	00000000	F9	FF	00000000	6
PH 09	005E91FB	985F7F00	005E91FB	985F7F00	00000000	00000000	012C595A	00000000	F9	FF	00000000	6
PH 10	005E91FB	985F7F00	005E91FB	985F7F00	00000000	00000000	012C595A	00000000	F9	FF	395E91FB	6

TEST	N0	FC	R	EW	RU1	EWU1	0							
FMS	38	5	FC7CF1CC	5A5ACF3B										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	037CF1CC	FC000000	00000000	00000000	00000000	00000000	00000000	00000000	F9	FF	FC7CF1CC	6		
PH 02	005ACF3B	5A000000	FF7CF1CC	FC000000	00338F3E	00000000	00000000	00000000	00	05	5A5ACF3B	0		
PH 03	FFD7C107	DD000000	FF7CF1CC	83000000	00338F3E	00000000	005ACF3B	5A000000	00	05	00000000	0		
PH 04	FFD7C107	00000000	FF7CF1CC	00000000	00338F3E	00000000	005ACF3B	5A000000	DD	05	00000000	1		
PH 07	00000000	00000000	FF7CF1CC	00000000	00338F3E	00000000	005ACF3B	00000000	DD	05	00000000	1		
CLK 02	00000000	00000000	00000000	00000000	00CE3CF8	00000000	00B59E76	00000000	DD	05	00000000	7		
CLK 03	005ACF3B	00000000	00000000	00000000	0038F3E0	00000000	005ACF3B	00000000	DD	04	00000000	0		
CLK 04	FFB8E493	C0000000	0016B3CE	C0000000	00E3CF80	00000000	005ACF3B	00000000	DD	04	00000000	5		
CLK 05	0049C85F	F0000000	FFEEF924	F0000000	008F3E00	00000000	005ACF3B	00000000	DD	03	00000000	0		
CLK 06	00C8108D	FC000000	00127217	FC000000	003CF800	00000000	00B59E76	00000000	DD	03	00000000	6		
CLK 07	FFD734E8	7F000000	00320423	7F000000	00F3E000	00000000	005ACF3B	00000000	DD	02	00000000	1		
CLK 08	00509C75	1FC00000	FFF5C03A	1FC00000	00CF8000	00000000	005ACF3B	00000000	DD	02	00000000	4		
CLK 09	0014271D	47F00000	0014271D	47F00000	003E0000	00000000	00B59E76	00000000	DD	01	00000000	2		
CLK 10	FFAA3A8C	51FC0000	000509C7	51FC0000	00F80000	00000000	005ACF3B	00000000	DD	01	00000000	5		
CLK 11	00455DDE	147F0000	FFEA8EA3	147F0000	00E00000	00000000	005ACF3B	00000000	DD	00	00000000	0		
CLK 12	00115777	851FC000	00115777	851FC000	00800000	00000000	00B59E76	00000000	DD	00	00000000	6		
CLK 13	00B9F453	E147F000	000455DD	E147F000	00000000	00000000	00B59E76	00000000	DD	FF	00000000	2		
CLK 14	002E7D14	F851FC00	002E7D14	F851FC00	00000000	00000000	00B59E76	00000000	DD	FF	00000000	6		
PH 08	002E7D14	F851FC00	002E7D14	F851FC00	00000000	00000000	00B59E76	00000000	DD	FF	00000000	6		
PH 09	FFD182EB	07AF0400	002E7D14	F851FC00	00000000	00000000	00B59E76	00000000	DD	FF	00000000	6		
PH 10	FFD182EC	07AF0400	002E7D14	F851FC00	00000000	00000000	00B59E76	00000000	22	FF	E2D182EC	6		

TEST	N0	FC	R	EW	RU1	EWU1	0							
FMS	39	5	E486C662	283DB547										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	0386C662	E4000000	00000000	00000000	00000000	00000000	00000000	00000000	22	FF	E486C662	6		
PH 02	003DB547	28000000	FF86C662	E4000000	00466361	00000000	00000000	00000000	00	05	283DB547	0		
PH 03	FFC47BA9	C3000000	FF86C662	9B000000	00466361	00000000	003DB547	28000000	00	05	00000000	0		
PH 04	FFC47BA9	00000000	FF86C662	00000000	00466361	00000000	003DB547	28000000	C3	05	00000000	1		
PH 07	00000000	00000000	FF86C662	00000000	00466361	00000000	003DB547	00000000	C3	05	00000000	1		
CLK 02	007B6A8E	00000000	00000000	00000000	00198D84	00000000	007B6A8E	00000000	C3	05	00000000	6		
CLK 03	FFF1255C	80000000	001EDA43	80000000	00663610	00000000	003DB547	00000000	C3	04	00000000	1		
CLK 04	0073B3E5	20000000	FFF84957	20000000	0098D840	00000000	007B6A8E	00000000	C3	04	00000000	6		
CLK 05	0085787	48000000	001CECF9	48000000	00636100	00000000	007B6A8E	00000000	C3	03	00000000	2		
CLK 06	0063CB28	D2000000	002615E1	D2000000	00878400	00000000	003DB547	00000000	C3	03	00000000	4		
CLK 07	00945D58	34800000	0018F2CA	34800000	00361000	00000000	007B6A8E	00000000	C3	02	00000000	2		
CLK 08	FFF762CF	0D200000	00251756	0D200000	00584000	00000000	003DB547	00000000	C3	02	00000000	5		
CLK 09	00378DCA	C3480000	FFF9D883	C3480000	00610000	00000000	003DB547	00000000	C3	01	00000000	4		
CLK 10	004B98B9	R0D20000	000DE372	R0D20000	00840000	00000000	003DB547	00000000	C3	01	00000000	0		
CLK 11	008E508C	6C348000	0012E62E	6C348000	00100000	00000000	007B6A8E	00000000	C3	00	00000000	2		
CLK 12	FFF5DEE8	1B0D2000	0023947F	1B0D2000	00400000	00000000	003DB547	00000000	C3	00	00000000	5		
CLK 13	0074E248	06C34800	FFF9778A	06C34800	00000000	00000000	007B6A8E	00000000	C3	FF	00000000	2		
CLK 14	001D3892	01B0D200	001D3892	01B0D200	00000000	00000000	007B6A8E	00000000	C3	FF	00000000	6		
PH 08	001D3892	01B0D200	001D3892	01B0D200	00000000	00000000	007B6A8E	00000000	C3	FF	00000000	6		
PH 09	FFE2C76D	FE4F2E00	001D3892	01B0D200	00000000	00000000	007B6A8E	00000000	C3	FF	00000000	6		
PH 10	FFE2C76E	FE4F2E00	001D3892	01B0D200	00000000	00000000	007B6A8E	00000000	3C	FF	FCE2C76E	6		

TEST N°	FC	R	EW	RU1	EWU1	B	E	F	FP	SW
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)		
FMS	40	5	340982D9	2F9D6QD8						
PH 01	000982D9	34000000	00000000	00000000	00000000	00000000	00000000	00000000	3C	FF 340982D9 6
PH 02	009D60D8	2F000000	000982D9	34000000	009B4190	00000000	00000000	00000000	00	05 2F9D6QD8 0
PH 03	00A6E3B1	F3000000	000982D9	B4000000	009B4190	00000000	009D60D8	2F000000	00	05 00000000 0
PH 04	00A6E3B1	00000000	000982D9	00000000	009B4190	00000000	009D60D8	2F000000	E3	05 00000000 0
PH 06	000982D9	00000000	000982D9	00000000	009B4190	00000000	009D60D8	00000000	E3	05 00000000 0
CLK 02	00982D90	00000000	00982D90	00000000	009B4190	00000000	009D60D8	00000000	E2	04 00000000 0
PH 07	00000000	00000000	00982D90	00000000	009B4190	00000000	009D60D8	00000000	E2	04 00000000 0
CLK 02	009D60D8	00000000	00000000	00000000	006D0640	00000000	009D60D8	00000000	E2	04 00000000 4
CLK 03	016219E6	00000000	00275836	00000000	00541900	00000000	013AC1B0	00000000	E2	03 00000000 2
CLK 04	00F5E751	80000000	00588679	80000000	00506400	00000000	009D60D8	00000000	E2	03 00000000 4
CLK 05	FFA018FC	60000000	003D79D4	60000000	00419000	00000000	009D60D8	00000000	E2	02 00000000 1
CLK 06	FF4AA567	18000000	FFE8063F	18000000	00064000	00000000	009D60D8	00000000	E2	02 00000000 5
CLK 07	00700A31	C6000000	FFD2A959	C6000000	00190000	00000000	009D60D8	00000000	E2	01 00000000 0
CLK 08	001C028C	71800000	001C028C	71800000	00640000	00000000	013AC1B0	00000000	E2	01 00000000 6
CLK 09	0141C253	1C600000	000700A3	1C600000	00900000	00000000	013AC1B0	00000000	E2	00 00000000 2
CLK 10	00E0D15C	C7180000	00507094	C7180000	00400000	00000000	009D60D8	00000000	E2	00 00000000 4
CLK 11	0176360B	31C60000	003B745B	31C60000	00000000	00000000	013AC1B0	00000000	E2	FF 00000000 2
CLK 12	005D8D82	CC718000	005D8D82	CC718000	00000000	00000000	013AC1B0	00000000	E2	FF 00000000 6
PH 08	005D8D82	CC718000	005D8D82	CC718000	00000000	00000000	013AC1B0	00000000	E2	FF 00000000 6
PH 09	005D8D82	CC718000	005D8D82	CC718000	00000000	00000000	013AC1B0	00000000	E2	FF 00000000 6
PH 10	005D8D82	CC718000	005D8D82	CC718000	00000000	00000000	013AC1B0	00000000	E2	FF 225D8D82 6

TEST N°	FC	R	EW	RU1	EWU1	B	E	F	FP	SW
FDL	01	5	88AAAAAA	DD555555	AAAAAAAA	55555555				
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)		
PH 01	03AAAAAA	88000000	00000000	00000000	00000000	00000000	00000000	00000000	E2	FF 88AAAAAA 6
PH 02	03555555	DD000000	FFAAAAAA	88000000	00000000	00000000	00000000	00000000	00	00 03555555 0
PH 03	FF000000	22000000	FFAAAAAA	44800000	00000000	00000000	FF555555	DD000000	00	00 00AAAAAA 0
PH 04	FF000000	55555555	FFAAAAAA	AAAAAAAA	00000000	00000000	FF555555	DD000000	22	00 55555555 0
PH 06	00555555	55555556	FFAAAAAA	AAAAAAAA	00000000	00000000	FF555555	55555555	22	00 55555555 0
PH 07	FFAAAAAA	AAAAAAAB	00555555	55555556	00000000	00000000	FF555555	55555554	22	00 55555555 0
PH 08	00555555	55555556	00555555	55555556	00000000	00000000	FF555555	55555555	22	00 55555555 4
CLK 02	00000000	00000001	00AAAAAA	AAAAAAAC	00000000	00000000	FF555555	55555554	22	36 55555555 4
CLK 03	FF555555	55555557	57000000	00000002	00000000	00000001	FF555555	55555555	22	35 55555555 4
CLK 04	FF555555	55555559	FFAAAAAA	AAAAAAAE	00000000	00000002	FF555555	55555555	22	34 55555555 4
CLK 05	FF555555	5555555D	FFAAAAAA	AAAAAAAB	00000000	00000004	FF555555	55555555	22	33 55555555 4
CLK 06	FF555555	55555556	FFAAAAAA	AAAAAABA	00000000	00000008	FF555555	55555555	22	32 55555555 4
CLK 07	FF555555	55555575	FFAAAAAA	AAAAAACB	00000000	00000010	FF555555	55555555	22	31 55555555 4
CLK 08	FF555555	55555596	FFAAAAAA	AAAAAAEA	00000000	00000020	FF555555	55555555	22	30 55555555 4
CLK 09	FF555555	555555D5	FFAAAAAA	AAAAAAB2A	00000000	00000040	FF555555	55555555	22	2F 55555555 4
CLK 10	FF555555	55555565	FFAAAAAA	AAAAAAB3A	00000000	00000080	FF555555	55555555	22	2E 55555555 4
CLK 11	FF555555	55555755	FFAAAAAA	AAAAACAA	00000000	00000100	FF555555	55555555	22	2C 55555555 4
CLK 12	FF555555	55555955	FFAAAAAA	AAAAAEAA	00000000	00000200	FF555555	55555555	22	2C 55555555 4
CLK 13	FF555555	55555D55	FFAAAAAA	AAAAAB2AA	00000000	00000400	FF555555	55555555	22	2B 55555555 4
CLK 14	FF555555	55555655	FFAAAAAA	AAAAA3AAA	00000000	00000800	FF555555	55555555	22	2A 55555555 4
CLK 15	FF555555	55555755	FFAAAAAA	AAAAACAAA	00000000	00001000	FF555555	55555555	22	29 55555555 4
CLK 16	FF555555	55555955	FFAAAAAA	AAAAEAAA	00000000	00002000	FF555555	55555555	22	28 55555555 4
CLK 17	FF555555	55555D55	FFAAAAAA	AAAA2AAA	00000000	00004000	FF555555	55555555	22	27 55555555 4
CLK 18	FF555555	55555655	FFAAAAAA	AAAA3AAA	00000000	00008000	FF555555	55555555	22	26 55555555 4
CLK 19	FF555555	55555755	FFAAAAAA	AAAA4AAA	00000000	00010000	FF555555	55555555	22	25 55555555 4
CLK 20	FF555555	55555955	FFAAAAAA	AAAAEAAA	00000000	00020000	FF555555	55555555	22	24 55555555 4
CLK 21	FF555555	55555655	FFAAAAAA	AAAA2AAA	00000000	00040000	FF555555	55555555	22	23 55555555 4
CLK 22	FF555555	55555555	FFAAAAAA	AAAA3AAA	00000000	00080000	FF555555	55555555	22	22 55555555 4
CLK 23	FF555555	55755555	FFAAAAAA	AAAA4AAA	00000000	00100000	FF555555	55555555	22	21 55555555 4
CLK 24	FF555555	55955555	FFAAAAAA	AAAA5AAA	00000000	00200000	FF555555	55555555	22	2C 55555555 4
CLK 25	FF555555	55D55555	FFAAAAAA	AAAA6AAA	00000000	00400000	FF555555	55555555	22	1F 55555555 4
CLK 26	FF555555	55555555	FFAAAAAA	AAAA7AAA	00000000	00800000	FF555555	55555555	22	1E 55555555 4
CLK 27	FF555555	57555555	FFAAAAAA	AAAA8AAA	00000000	01000000	FF555555	55555555	22	10 55555555 4
CLK 28	FF555555	59555555	FFAAAAAA	AAAA9AAA	00000000	02000000	FF555555	55555555	22	1C 55555555 4
CLK 29	FF555555	5D555555	FFAAAAAA	B2AAAAAA	00000000	04000000	FF555555	55555555	22	1A 55555555 4
CLK 30	FF555555	65555555	FFAAAAAA	8AAAAAAA	00000000	08000000	FF555555	55555555	22	1B 55555555 4
CLK 31	FF555555	75555555	FFAAAAAA	CAAAAAAA	00000000	10000000	FF555555	55555555	22	19 55555555 4

TEST NO	FC	R	EW	RU1	EWU1								
FDL	01	5	8BAAAAAA	DD555555	AAAAAAA	55555555							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 32	FF555555	95555555	FFAAAAAA	EAAAAAAA	00000000	20000000	FF555555	55555555	22	18	55555555	4	
CLK 33	FF555555	05555555	FFAAAAAB	2AAAAAAA	00000000	40000000	FF555555	55555555	22	17	55555555	4	
CLK 34	FF555556	55555555	FFAAAAAB	AAAAAAA	00000000	80000000	FF555555	55555555	22	16	55555555	4	
CLK 35	FF555557	55555555	FFAAAAAC	AAAAAAA	00000000	00000000	FF555555	55555555	22	15	55555555	4	
CLK 36	FF555558	55555555	FFAAAAAD	AAAAAAA	00000002	00000000	FF555555	55555555	22	14	55555555	4	
CLK 37	FF555559	55555555	FFAAAAAE	AAAAAAA	00000004	00000000	FF555555	55555555	22	13	55555555	4	
CLK 38	FF55555A	55555555	FFAAAAAF	AAAAAAA	00000008	00000000	FF555555	55555555	22	12	55555555	4	
CLK 39	FF55555B	55555555	FFAAAAAG	AAAAAAA	00000010	00000000	FF555555	55555555	22	11	55555555	4	
CLK 40	FF55555C	55555555	FFAAAAAH	AAAAAAA	00000020	00000000	FF555555	55555555	22	10	55555555	4	
CLK 41	FF55555D	55555555	FFAAAAAI	AAAAAAA	00000040	00000000	FF555555	55555555	22	0F	55555555	4	
CLK 42	FF55555E	55555555	FFAAAAAJ	AAAAAAA	00000080	00000000	FF555555	55555555	22	0E	55555555	4	
CLK 43	FF55555F	55555555	FFAAAAAK	AAAAAAA	00000100	00000000	FF555555	55555555	22	0D	55555555	4	
CLK 44	FF555560	55555555	FFAAAAAL	AAAAAAA	00000200	00000000	FF555555	55555555	22	0C	55555555	4	
CLK 45	FF555561	55555555	FFAAAAAM	AAAAAAA	00000400	00000000	FF555555	55555555	22	0B	55555555	4	
CLK 46	FF555562	55555555	FFAAAAAN	AAAAAAA	00000800	00000000	FF555555	55555555	22	0A	55555555	4	
CLK 47	FF555563	55555555	FFAAAAAO	AAAAAAA	00001000	00000000	FF555555	55555555	22	09	55555555	4	
CLK 48	FF555564	55555555	FFAAAAAP	AAAAAAA	00000100	00000000	FF555555	55555555	22	08	55555555	4	
CLK 49	FF555565	55555555	FFAAAAAQ	AAAAAAA	00000400	00000000	FF555555	55555555	22	07	55555555	4	
CLK 50	FF555566	55555555	FFAAAAAR	AAAAAAA	00000800	00000000	FF555555	55555555	22	06	55555555	4	
CLK 51	FF555567	55555555	FFAAAAAS	AAAAAAA	00010000	00000000	FF555555	55555555	22	05	55555555	4	
CLK 52	FF555568	55555555	FFAAAAAT	AAAAAAA	00020000	00000000	FF555555	55555555	22	04	55555555	4	
CLK 53	FF555569	55555555	FFAAAAAU	AAAAAAA	00040000	00000000	FF555555	55555555	22	03	55555555	4	
CLK 54	FF55556A	55555555	FFAAAAAV	AAAAAAA	00080000	00000000	FF555555	55555555	22	02	55555555	4	
CLK 55	FF55556B	55555555	FFAAAAAW	AAAAAAA	00100000	00000000	FF555555	55555555	22	01	55555555	4	
CLK 56	FF55556C	55555555	FFAAAAAX	AAAAAAA	00200000	00000000	FF555555	55555555	22	00	55555555	4	
CLK 57	FF55556D	55555555	FFAAAAAY	AAAAAAA	00400000	00000000	FF555555	55555555	22	FF	55555555	4	
CLK 58	00800000	00000000	FFAAAAAZ	AAAAAAA	00800000	00000000	FF555555	55555555	22	FE	55555555	4	
PH 09	00800000	00000000	00800000	00000000	00800000	00000000	FF555555	55555555	22	FE	00000000	4	
PH 10	00800000	00000000	00800000	00000000	00800000	00000000	FF555555	55555555	22	FE	62800000	4	

TEST NO	FC	R	EW	RU1	EWU1								
FDL	02	5	10555555	03AAAAAA	55555555	AAAAAAA							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00555555	10000000	00000000	00000000	00000000	00000000	00000000	00000000	22	FE	10555555	4	
PH 02	00AAAAAA	03000000	00555555	10000000	00000000	00000000	00000000	00000000	00	00	03AAAAAA	0	
PH 03	00AAAAAB	00800000	00555555	10800000	00000000	00000000	00AAAAAA	03000000	00	00	55555555	0	
PH 04	00AAAAAC	AAAAAAA	00555555	55555555	00000000	00000000	00AAAAAA	03000000	00	00	AAAAAAA	0	
PH 06	00555555	55555555	00555555	55555555	00000000	00000000	00AAAAAA	AAAAAAA	00	00	AAAAAAA	0	
PH 07	00AAAAAA	AAAAAAA	00555555	55555555	00000000	00000000	00AAAAAA	AAAAAAA	00	00	AAAAAAA	0	
PH 08	00555555	55555555	00555555	55555555	00000000	00000000	00AAAAAA	AAAAAAA	00	37	AAAAAAA	4	
CLK 02	00000000	00000000	00AAAAAA	AAAAAAA	00000000	00000000	00AAAAAA	AAAAAAA	00	36	AAAAAAA	4	
CLK 03	FF555555	55555556	56000000	00000000	00000000	00000000	00AAAAAA	AAAAAAA	00	35	AAAAAAA	4	
CLK 04	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000000	00AAAAAA	AAAAAAA	00	34	AAAAAAA	4	
CLK 05	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000004	00AAAAAA	AAAAAAA	00	33	AAAAAAA	4	
CLK 06	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000008	00AAAAAA	AAAAAAA	00	32	AAAAAAA	4	
CLK 07	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000010	00AAAAAA	AAAAAAA	00	31	AAAAAAA	4	
CLK 08	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000020	00AAAAAA	AAAAAAA	00	30	AAAAAAA	4	
CLK 09	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000040	00AAAAAA	AAAAAAA	00	2F	AAAAAAA	4	
CLK 10	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000080	00AAAAAA	AAAAAAA	00	2E	AAAAAAA	4	
CLK 11	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000100	00AAAAAA	AAAAAAA	00	2D	AAAAAAA	4	
CLK 12	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000200	00AAAAAA	AAAAAAA	00	2C	AAAAAAA	4	
CLK 13	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000400	00AAAAAA	AAAAAAA	00	2B	AAAAAAA	4	
CLK 14	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00000800	00AAAAAA	AAAAAAA	00	2A	AAAAAAA	4	
CLK 15	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00001000	00AAAAAA	AAAAAAA	00	29	AAAAAAA	4	
CLK 16	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00002000	00AAAAAA	AAAAAAA	00	28	AAAAAAA	4	
CLK 17	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00004000	00AAAAAA	AAAAAAA	00	27	AAAAAAA	4	
CLK 18	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00008000	00AAAAAA	AAAAAAA	00	26	AAAAAAA	4	
CLK 19	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00010000	00AAAAAA	AAAAAAA	00	25	AAAAAAA	4	
CLK 20	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00020000	00AAAAAA	AAAAAAA	00	24	AAAAAAA	4	
CLK 21	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00040000	00AAAAAA	AAAAAAA	00	23	AAAAAAA	4	
CLK 22	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00080000	00AAAAAA	AAAAAAA	00	22	AAAAAAA	4	
CLK 23	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00100000	00AAAAAA	AAAAAAA	00	21	AAAAAAA	4	
CLK 24	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00200000	00AAAAAA	AAAAAAA	00	20	AAAAAAA	4	
CLK 25	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00400000	00AAAAAA	AAAAAAA	00	1F	AAAAAAA	4	
CLK 26	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	00800000	00AAAAAA	AAAAAAA	00	1E	AAAAAAA	4	
CLK 27	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	01000000	00AAAAAA	AAAAAAA	00	1C	AAAAAAA	4	
CLK 28	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	02000000	00AAAAAA	AAAAAAA	00	1C	AAAAAAA	4	
CLK 29	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	04000000	00AAAAAA	AAAAAAA	00	1B	AAAAAAA	4	
CLK 30	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	08000000	00AAAAAA	AAAAAAA	00	1A	AAAAAAA	4	
CLK 31	FF555555	55555556	FFAAAAAA	AAAAAAA	00000000	10000000	00AAAAAA	AAAAAAA	00	19	AAAAAAA	4	

TEST NO	FC	R	EW	RU1	EWU1								
FDL	02	5	10555555	03AAAAAA	55555555	AAAAAAA							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 32	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000000	20000000	00AAAAAA	AAAAAAA	OD	18	AAAAAAA	4	
CLK 33	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000000	40000000	00AAAAAA	AAAAAAA	OD	17	AAAAAAA	4	
CLK 34	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000000	80000000	00AAAAAA	AAAAAAA	OD	16	AAAAAAA	4	
CLK 35	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000001	00000000	00AAAAAA	AAAAAAA	OD	15	AAAAAAA	4	
CLK 36	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000002	00000000	00AAAAAA	AAAAAAA	OD	14	AAAAAAA	4	
CLK 37	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000004	00000000	00AAAAAA	AAAAAAA	OD	13	AAAAAAA	4	
CLK 38	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000008	00000000	00AAAAAA	AAAAAAA	OD	12	AAAAAAA	4	
CLK 39	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000010	00000000	00AAAAAA	AAAAAAA	OD	11	AAAAAAA	4	
CLK 40	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000020	00000000	00AAAAAA	AAAAAAA	OD	10	AAAAAAA	4	
CLK 41	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000040	00000000	00AAAAAA	AAAAAAA	OD	0F	AAAAAAA	4	
CLK 42	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000080	00000000	00AAAAAA	AAAAAAA	OD	0E	AAAAAAA	4	
CLK 43	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000100	00000000	00AAAAAA	AAAAAAA	OD	0D	AAAAAAA	4	
CLK 44	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000200	00000000	00AAAAAA	AAAAAAA	OD	0C	AAAAAAA	4	
CLK 45	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000400	00000000	00AAAAAA	AAAAAAA	OD	0B	AAAAAAA	4	
CLK 46	FF555555	55555556	FFAAAAAA	AAAAAAAC	00000800	00000000	00AAAAAA	AAAAAAA	OD	0A	AAAAAAA	4	
CLK 47	FF555555	55555556	FFAAAAAA	AAAAAAAC	00001000	00000000	00AAAAAA	AAAAAAA	OD	09	AAAAAAA	4	
CLK 48	FF555555	55555556	FFAAAAAA	AAAAAAAC	00002000	00000000	00AAAAAA	AAAAAAA	OD	08	AAAAAAA	4	
CLK 49	FF555555	55555556	FFAAAAAA	AAAAAAAC	00004000	00000000	00AAAAAA	AAAAAAA	OD	07	AAAAAAA	4	
CLK 50	FF555555	55555556	FFAAAAAA	AAAAAAAC	00008000	00000000	00AAAAAA	AAAAAAA	OD	06	AAAAAAA	4	
CLK 51	FF555555	55555556	FFAAAAAA	AAAAAAAC	00010000	00000000	00AAAAAA	AAAAAAA	OD	05	AAAAAAA	4	
CLK 52	FF555555	55555556	FFAAAAAA	AAAAAAAC	00020000	00000000	00AAAAAA	AAAAAAA	OD	04	AAAAAAA	4	
CLK 53	FF555555	55555556	FFAAAAAA	AAAAAAAC	00040000	00000000	00AAAAAA	AAAAAAA	OD	03	AAAAAAA	4	
CLK 54	FF555555	55555556	FFAAAAAA	AAAAAAAC	00080000	00000000	00AAAAAA	AAAAAAA	OD	02	AAAAAAA	4	
CLK 55	FF555555	55555556	FFAAAAAA	AAAAAAAC	00100000	00000000	00AAAAAA	AAAAAAA	OD	01	AAAAAAA	4	
CLK 56	FF555555	55555556	FFAAAAAA	AAAAAAAC	00200000	00000000	00AAAAAA	AAAAAAA	OD	00	AAAAAAA	4	
CLK 57	FF555555	55555556	FFAAAAAA	AAAAAAAC	00400000	00000000	00AAAAAA	AAAAAAA	OD	FF	AAAAAAA	4	
CLK 58	00800000	00000000	FFAAAAAA	AAAAAAAC	00800000	00000000	00AAAAAA	AAAAAAA	OD	FE	AAAAAAA	4	
PH 09	00800000	00000000	00800000	00000000	00800000	00000000	00AAAAAA	AAAAAAA	OD	FE	00000000	4	
PH 10	00800000	00000000	00800000	00000000	00800000	00000000	00AAAAAA	AAAAAAA	OD	FE	40800000	4	

TEST NO	FC	R	EW	RU1	EWU1								
FDL	03	5	66AAAAAA	33555555	AAAAAAA	55555555							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00AAAAAA	66000000	00000000	00000000	00000000	00000000	00000000	00000000	OD	FE	66AAAAAA	4	
PH 02	00555555	33000000	00AAAAAA	66000000	00000000	00000000	00000000	00000000	OD	00	33555555	0	
PH 03	00555555	33800000	00AAAAAA	66800000	00000000	00000000	00555555	33000000	OD	00	AAAAAAA	0	
PH 04	00555555	55555555	00AAAAAA	AAAAAAA	00000000	00000000	00555555	33000000	OD	33	00	55555555	0
PH 06	00AAAAAA	AAAAAAA	00AAAAAA	AAAAAAA	00000000	00000000	00555555	55555555	OD	33	00	55555555	0
PH 07	00555555	55555555	00AAAAAA	AAAAAAA	00000000	00000000	00555555	55555555	OD	33	00	55555555	2
PH 08	00AAAAAA	AAAAAAA	00AAAAAA	AAAAAAA	00000000	00000000	00555555	55555555	OD	33	37	55555555	0
PH 08	00AAAAAA	AAAAAAA	00AAAAAA	AAAAAAA	00A00000	00000000	00555555	55555555	OD	34	37	55555555	4
CLK 02	FFC00000	00000000	00155555	55555555	00400000	00000000	00555555	55555555	OD	34	36	55555555	4
CLK 03	FF055555	55555555	FF800000	00000000	00800000	00000000	00555555	55555555	OD	34	35	55555555	4
CLK 04	00000000	00000000	FFAAAAAA	AAAAAAAB	00000000	00000000	00555555	55555555	OD	34	34	55555555	4
CLK 05	FFAAAAAA	AAAAAAAB	A8000000	00000000	00000000	00000001	00555555	55555555	OD	34	33	55555555	4
CLK 06	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000002	00555555	55555555	OD	34	32	55555555	4
CLK 07	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000004	00555555	55555555	OD	34	31	55555555	4
CLK 08	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000008	00555555	55555555	OD	34	30	55555555	4
CLK 09	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000010	00555555	55555555	OD	34	2F	55555555	4
CLK 10	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000020	00555555	55555555	OD	34	2E	55555555	4
CLK 11	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000040	00555555	55555555	OD	34	2D	55555555	4
CLK 12	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000080	00555555	55555555	OD	34	2C	55555555	4
CLK 13	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000100	00555555	55555555	OD	34	2A	55555555	4
CLK 14	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000200	00555555	55555555	OD	34	2A	55555555	4
CLK 15	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000400	00555555	55555555	OD	34	29	55555555	4
CLK 16	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00000800	00555555	55555555	OD	34	28	55555555	4
CLK 17	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00001000	00555555	55555555	OD	34	27	55555555	4
CLK 18	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00002000	00555555	55555555	OD	34	26	55555555	4
CLK 19	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00004000	00555555	55555555	OD	34	25	55555555	4
CLK 20	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00008000	00555555	55555555	OD	34	24	55555555	4
CLK 21	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00010000	00555555	55555555	OD	34	23	55555555	4
CLK 22	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00020000	00555555	55555555	OD	34	22	55555555	4
CLK 23	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00040000	00555555	55555555	OD	34	21	55555555	4
CLK 24	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00080000	00555555	55555555	OD	34	20	55555555	4
CLK 25	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00100000	00555555	55555555	OD	34	1F	55555555	4
CLK 26	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00200000	00555555	55555555	OD	34	1E	55555555	4
CLK 27	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00400000	00555555	55555555	OD	34	1D	55555555	4
CLK 28	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	00800000	00555555	55555555	OD	34	1C	55555555	4
CLK 29	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	01000000	00555555	55555555	OD	34	1B	55555555	4
CLK 30	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	02000000	00555555	55555555	OD	34	1A	55555555	4

TEST N0	FC	R	EW	RU1	EWU1							
FDL 03	5	66AAAAAA	33555555	AAAAAA	55555555							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
CLK 31	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	04000000	00555555	55555555	34	19	55555555	4
CLK 32	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	08000000	00555555	55555555	34	18	55555555	4
CLK 33	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	10000000	00555555	55555555	34	17	55555555	4
CLK 34	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	20000000	00555555	55555555	34	16	55555555	4
CLK 35	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	40000000	00555555	55555555	34	15	55555555	4
CLK 36	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000000	80000000	00555555	55555555	34	14	55555555	4
CLK 37	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000001	00000000	00555555	55555555	34	13	55555555	4
CLK 38	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000002	00000000	00555555	55555555	34	12	55555555	4
CLK 39	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000004	00000000	00555555	55555555	34	11	55555555	4
CLK 40	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000008	00000000	00555555	55555555	34	10	55555555	4
CLK 41	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000010	00000000	00555555	55555555	34	0F	55555555	4
CLK 42	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000020	00000000	00555555	55555555	34	0E	55555555	4
CLK 43	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000040	00000000	00555555	55555555	34	0D	55555555	4
CLK 44	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000080	00000000	00555555	55555555	34	0C	55555555	4
CLK 45	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000100	00000000	00555555	55555555	34	0B	55555555	4
CLK 46	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000200	00000000	00555555	55555555	34	0A	55555555	4
CLK 47	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000400	00000000	00555555	55555555	34	09	55555555	4
CLK 48	FFAAAAAA	AAAAAAAB	FF555555	55555556	00000800	00000000	00555555	55555555	34	08	55555555	4
CLK 49	FFAAAAAA	AAAAAAAB	FF555555	55555556	00001000	00000000	00555555	55555555	34	07	55555555	4
CLK 50	FFAAAAAA	AAAAAAAB	FF555555	55555556	00002000	00000000	00555555	55555555	34	06	55555555	4
CLK 51	FFAAAAAA	AAAAAAAB	FF555555	55555556	00004000	00000000	00555555	55555555	34	05	55555555	4
CLK 52	FFAAAAAA	AAAAAAAB	FF555555	55555556	00008000	00000000	00555555	55555555	34	04	55555555	4
CLK 53	FFAAAAAA	AAAAAAAB	FF555555	55555556	00010000	00000000	00555555	55555555	34	03	55555555	4
CLK 54	FFAAAAAA	AAAAAAAB	FF555555	55555556	00020000	00000000	00555555	55555555	34	02	55555555	4
CLK 55	FFAAAAAA	AAAAAAAB	FF555555	55555556	00040000	00000000	00555555	55555555	34	01	55555555	4
CLK 56	FFAAAAAA	AAAAAAAB	FF555555	55555556	00080000	00000000	00555555	55555555	34	00	55555555	4
CLK 57	FFAAAAAA	AAAAAAAB	FF555555	55555556	00100000	00000000	00555555	55555555	34	FF	55555555	4
CLK 58	00200000	00000000	00200000	55555556	00200000	00000000	00555555	55555555	34	FE	55555555	4
PH 09	00200000	00000000	00200000	00000000	00200000	00000000	00555555	55555555	34	FE	00000000	4
PH 10	00200000	00000000	00200000	00000000	00200000	00000000	00555555	55555555	34	FE	74200000	4

TEST N0	FC	R	EW	RU1	EWU1							
FDL 04	5	EF555555	0BAAAAAA	55555555	AAAAAA							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	03555555	EE000000	00000000	00000000	00000000	00000000	00000000	00000000	34	FE	EE555555	4
PH 02	03AAAAAA	0B000000	FF555555	EE000000	00000000	00000000	00000000	00000000	00	00	0BAAAAAA	0
PH 03	FEFFFFFF	ED000000	FF555555	11800000	00000000	00000000	FFAAAAAA	0B800000	00	00	55555555	0
PH 04	FEFFFFFF	AAAAAAAB	FF555555	55555555	00000000	00000000	FFAAAAAA	0B800000	ED	00	AAAAAAAB	0
PH 06	00AAAAAA	AAAAAAAB	FF555555	55555555	00000000	00000000	FFAAAAAA	AAAAAAAB	ED	00	AAAAAAAB	0
PH 07	00555555	55555555	00AAAAAA	AAAAAAAB	00000000	00000000	FFAAAAAA	AAAAAAAB	ED	00	AAAAAAAB	2
PH 08	00AAAAAA	AAAAAAAB	00AAAAAA	AAAAAAAB	00000000	00000000	FFAAAAAA	AAAAAAAB	ED	37	AAAAAAAB	0
PH 08	000AAAAA	AAAAAAAB	000AAAAA	AAAAAAAB	00300000	00000000	FFAAAAAA	AAAAAAAB	EE	37	AAAAAAAB	4
CLK 02	FFBFFFFFF	FFFFFFF	00155555	55555555	00600000	00000000	FFAAAAAA	AAAAAAAB	EE	36	AAAAAAAB	4
CLK 03	FF055555	55555554	FF7FFFFFF	FFFFFFFE	00C00000	00000000	FFAAAAAA	AAAAAAAB	EE	35	AAAAAAAB	4
CLK 04	FFFFFFFF	FFFFFFFF	FFAAAAAA	AAAAAAAB	00E00000	00000000	FFAAAAAA	AAAAAAAB	EE	34	AAAAAAAB	4
CLK 05	00555555	55555555	FFFFFFFF	FFFFFFFE	00000000	00000000	FFAAAAAA	AAAAAAAB	EE	33	AAAAAAAB	4
CLK 06	00555555	55555554	54AAAAAA	AAAAAAAB	00000000	00000001	FFAAAAAA	AAAAAAAB	EE	32	AAAAAAAB	4
CLK 07	00555555	55555552	52AAAAAA	AAAAAAAB	00000000	00000003	FFAAAAAA	AAAAAAAB	EE	31	AAAAAAAB	4
CLK 08	00555555	55555554E	4EAAAAAA	AAAAAAAB	00000000	00000007	FFAAAAAA	AAAAAAAB	EE	30	AAAAAAAB	4
CLK 09	00555555	555555546	46AAAAAA	AAAAAA9C	00000000	0000000F	FFAAAAAA	AAAAAAAB	EE	2F	AAAAAAAB	4
CLK 10	00555555	555555536	36AAAAAA	AAAAAA8C	00000000	0000001F	FFAAAAAA	AAAAAAAB	EE	2E	AAAAAAAB	4
CLK 11	00555555	555555516	16AAAAAA	AAAAAA6C	00000000	0000003F	FFAAAAAA	AAAAAAAB	EE	2D	AAAAAAAB	4
CLK 12	00555555	5555554D6	D6AAAAAA	AAAAAA2C	00000000	0000007F	FFAAAAAA	AAAAAAAB	EE	2C	AAAAAAAB	4
CLK 13	00555555	555555456	56AAAAAA	AAAAAA9AC	00000000	000000FF	FFAAAAAA	AAAAAAAB	EE	23	AAAAAAAB	4
CLK 14	00555555	555555356	56AAAAAA	AAAAAA8AC	00000000	000001FF	FFAAAAAA	AAAAAAAB	EE	2A	AAAAAAAB	4
CLK 15	00555555	555555156	56AAAAAA	AAAAAA6AC	00000000	000003FF	FFAAAAAA	AAAAAAAB	EE	29	AAAAAAAB	4
CLK 16	00555555	5555554D56	56AAAAAA	AAAAAA2AC	00000000	000007FF	FFAAAAAA	AAAAAAAB	EE	28	AAAAAAAB	4
CLK 17	00555555	555555456	56AAAAAA	AAAAAA9AAC	00000000	00000FFF	FFAAAAAA	AAAAAAAB	EE	27	AAAAAAAB	4
CLK 18	00555555	555555356	56AAAAAA	AAAAAA8AAC	00000000	00001FFF	FFAAAAAA	AAAAAAAB	EE	26	AAAAAAAB	4
CLK 19	00555555	555555156	56AAAAAA	AAAAAA6AAC	00000000	00003FFF	FFAAAAAA	AAAAAAAB	EE	25	AAAAAAAB	4
CLK 20	00555555	5555554D56	56AAAAAA	AAAAAA2AAC	00000000	00007FFF	FFAAAAAA	AAAAAAAB	EE	24	AAAAAAAB	4
CLK 21	00555555	55555556	56AAAAAA	AAAAAA9AAC	00000000	0000FFFF	FFAAAAAA	AAAAAAAB	EE	23	AAAAAAAB	4
CLK 22	00555555	55555556	56AAAAAA	AAAAAA8AAC	00000000	0001FFFF	FFAAAAAA	AAAAAAAB	EE	22	AAAAAAAB	4
CLK 23	00555555	55555556	56AAAAAA	AAAAAA6AAC	00000000	0003FFFF	FFAAAAAA	AAAAAAAB	EE	21	AAAAAAAB	4
CLK 24	00555555	5555554D56	56AAAAAA	AAAAAA2AAC	00000000	0007FFFF	FFAAAAAA	AAAAAAAB	EE	20	AAAAAAAB	4
CLK 25	00555555	55555556	56AAAAAA	AAAAAA9AAC	00000000	000FFFFF	FFAAAAAA	AAAAAAAB	EE	1F	AAAAAAAB	4
CLK 26	00555555	55555556	56AAAAAA	AAAAAA8AAC	00000000	001FFFFF	FFAAAAAA	AAAAAAAB	EE	1E	AAAAAAAB	4
CLK 27	00555555	55555556	56AAAAAA	AAAAAA6AAC	00000000	003FFFFF	FFAAAAAA	AAAAAAAB	EE	1D	AAAAAAAB	4
CLK 28	00555555	54D55556	56AAAAAA	AAAAAA2AAC	00000000	007FFFFF	FFAAAAAA	AAAAAAAB	EE	1C	AAAAAAAB	4
CLK 29	00555555	55555556	56AAAAAA	AAAAAA9AAC	00000000	00FFFFF	FFAAAAAA	AAAAAAAB	EE	1B	AAAAAAAB	4
CLK 30	00555555	53555556	56AAAAAA	AAAAAA8AAC	00000000	01FFFFF	FFAAAAAA	AAAAAAAB	EE	1A	AAAAAAAB	4

TEST N°	FC	R	EW	RU1	EWU1								
FDL 04	5	EE555555	DBAAAAAA	55555555	AAAAAAA								
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
CLK 31	00555555	51555556	56AAAAAA	A6AAAAAC	00000000	03FFFFFF	FFAAAAAA	AAAAAAA	EE	19	AAAAAAA	4	
CLK 32	00555555	4D555556	56AAAAAA	A2AAAAAC	00000000	07FFFFFF	FFAAAAAA	AAAAAAA	EE	18	AAAAAAA	4	
CLK 33	00555555	45555556	56AAAAAA	9AAAAAAC	00000000	0FFFFFFF	FFAAAAAA	AAAAAAA	EE	17	AAAAAAA	4	
CLK 34	00555555	35555556	56AAAAAA	8AAAAAAC	00000000	1FFFFFFF	FFAAAAAA	AAAAAAA	EE	16	AAAAAAA	4	
CLK 35	00555555	15555556	56AAAAAA	6AAAAAAC	00000000	3FFFFFFF	FFAAAAAA	AAAAAAA	EE	15	AAAAAAA	4	
CLK 36	00555554	D5555556	56AAAAAA	2AAAAAAC	00000000	7FFFFFFF	FFAAAAAA	AAAAAAA	EE	14	AAAAAAA	4	
CLK 37	00555554	55555556	56AAAAA9	AAAAAAC	00000000	FFFFFFF	FFAAAAAA	AAAAAAA	EE	13	AAAAAAA	4	
CLK 38	00555553	55555556	56AAAAA8	AAAAAAC	00000001	FFFFFFF	FFAAAAAA	AAAAAAA	EE	12	AAAAAAA	4	
CLK 39	00555551	55555556	56AAAAA6	AAAAAAC	00000003	FFFFFFF	FFAAAAAA	AAAAAAA	EE	11	AAAAAAA	4	
CLK 40	00555540	55555556	56AAAAA2	AAAAAAC	00000007	FFFFFFF	FFAAAAAA	AAAAAAA	EE	10	AAAAAAA	4	
CLK 41	00555545	55555556	56AAAA9A	AAAAAAC	0000000F	FFFFFFF	FFAAAAAA	AAAAAAA	EE	0F	AAAAAAA	4	
CLK 42	00555535	55555556	56AAAA8A	AAAAAAC	0000001F	FFFFFFF	FFAAAAAA	AAAAAAA	EE	0E	AAAAAAA	4	
CLK 43	00555515	55555556	56AAAA6A	AAAAAAC	0000003F	FFFFFFF	FFAAAAAA	AAAAAAA	EE	0D	AAAAAAA	4	
CLK 44	00555405	55555556	56AAAA2A	AAAAAAC	0000007F	FFFFFFF	FFAAAAAA	AAAAAAA	EE	0C	AAAAAAA	4	
CLK 45	00554555	55555556	56AAAA9A	AAAAAAC	000000FF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	0B	AAAAAAA	4	
CLK 46	00553355	55555556	56AAAA8A	AAAAAAC	000001FF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	0A	AAAAAAA	4	
CLK 47	00551555	55555556	56AAAA6A	AAAAAAC	000003FF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	09	AAAAAAA	4	
CLK 48	00554055	55555556	56AAAA2A	AAAAAAC	000007FF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	08	AAAAAAA	4	
CLK 49	00554555	55555556	56AAAA9A	AAAAAAC	00000FFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	07	AAAAAAA	4	
CLK 50	00553555	55555556	56AAAA8A	AAAAAAC	00001FFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	06	AAAAAAA	4	
CLK 51	00551555	55555556	56AAAA6A	AAAAAAC	00003FFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	05	AAAAAAA	4	
CLK 52	00540555	55555556	56AAAA2A	AAAAAAC	00007FFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	04	AAAAAAA	4	
CLK 53	00545555	55555556	56AAAA9A	AAAAAAC	0000FFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	03	AAAAAAA	4	
CLK 54	00535555	55555556	56AAAA8A	AAAAAAC	0001FFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	02	AAAAAAA	4	
CLK 55	00515555	55555556	56AAAA6A	AAAAAAC	0003FFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	01	AAAAAAA	4	
CLK 56	00405555	55555556	56AAAA2A	AAAAAAC	0007FFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	00	AAAAAAA	4	
CLK 57	00455555	55555556	56AAAA9A	AAAAAAC	000FFFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	FF	AAAAAAA	4	
CLK 58	001FFFFF	FFFFFFF	56AAAAAA	AAAAAAC	001FFFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	FE	AAAAAAA	4	
PH 09	001FFFFF	FFFFFFF	001FFFFF	FFFFFFF	001FFFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	FE	FFFFFFF	4	
PH 10	001FFFFF	FFFFFFF	001FFFFF	FFFFFFF	001FFFFF	FFFFFFF	FFAAAAAA	AAAAAAA	EE	FE	2E1FFFFF	4	

TEST N°	FC	R	EW	RU1	EWU1								
FDL 05	5	20000000	436BD23B	00000000	6869210F								
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	00000000	20000000	00000000	00000000	00000000	00000000	00000000	00000000	EE	FE	20000000	4	
PH 02	006BD23B	43000000	00000000	20000000	00000000	00000000	00000000	00000000	00	00	436BD23B	0	
PH 03	FF9420C4	0D800000	00000000	20800000	00000000	00000000	00000000	00000000	00	00	00000000	0	
PH 04	FF9420C4	6869210F	00000000	00000000	00000000	00000000	006BD23B	43000000	DD	00	6869210F	0	
PH 06	00000000	00000000	00000000	00000000	00000000	00000000	006BD23B	6869210F	DD	00	6869210F	0	
CLK 02	00000000	00000000	00000000	00000000	00000000	00000000	006BD23B	6869210F	DC	FF	6869210F	0	
PH 09	00000000	00000000	00000000	00000000	00000000	00000000	006BD23B	6869210F	DC	FF	00000000	0	
PH 10	00000000	00000000	00000000	00000000	00000000	00000000	006BD23B	6869210F	DC	FF	00000000	0	

TEST N°	FC	R	EW	RU1	EWU1								
FDL	06	5	1F501355	10000000	9960101A	00000000							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	00501355	1F000000	00000000	00000000	00000000	00000000	00000000	00000000	DC	FF	1F501355	0	
PH 02	00000000	10000000	00501355	1F000000	00000000	00000000	00000000	00000000	00	00	10000000	0	
PH 03	00501355	0F800000	00501355	1F800000	00000000	00000000	00000000	10000000	00	00	9960101A	0	
PH 04	00501355	00000000	00501355	9960101A	00000000	00000000	00000000	10000000	0F	00	00000000	1	
PH 05	00000000	00000000	00501355	9960101A	00000000	00000000	00000000	00000000	0F	00	00000000	0	
CL< 02	00000000	00000000	00000000	00000000	00000000	00000000	00501355	9960101A	10	00	00000000	2	
PH 09	00000000	00000000	00000000	00000000	00000000	00000000	00501355	9960101A	10	00	00000000	2	
PH 10	00000000	00000000	00000000	00000000	00000000	00000000	00501355	9960101A	10	00	00000000	2	

TEST N°	FC	R	EW	RU1	EWU1								
FDL	07	5	30100000	DFC962FB	00000000	76D8F280							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	00100000	30000000	00000000	00000000	00000000	00000000	00000000	00000000	10	00	30100000	2	
PH 02	03C962FB	DF000000	00100000	30000000	00000000	00000000	00000000	00000000	00	00	DFC962FB	0	
PH 03	FF9962FC	10000000	00100000	30800000	00000000	00000000	FFC962FB	DF800000	00	00	00000000	0	
PH 04	FF9962FC	76D8F280	00100000	00000000	00000000	00000000	FFC962FB	DF800000	10	00	76D8F280	0	
PH 06	00100000	00000000	00100000	00000000	00000000	00000000	FFC962FB	76D8F280	10	00	76D8F280	0	
PH 07	FF9962FB	76D8F280	00100000	00000000	00000000	00000000	FFC962FB	76D8F280	10	00	76D8F280	0	
PH 08	00100000	00000000	00100000	00000000	00000000	00000000	FFC962FB	76D8F280	10	37	76D8F280	4	
CL< 02	FF9962FB	76D8F280	00200000	00000000	00000000	00000000	FFC962FB	76D8F280	10	36	76D8F280	4	
CL< 03	000962FB	76D8F280	FFD2C5F6	EDB1E500	00000000	00000000	FFC962FB	76D8F280	10	35	76D8F280	4	
CL< 04	FFDC28F2	648AD780	8012C5F6	EDB1E500	00000000	00000000	FFC962FB	76D8F280	10	34	76D8F280	4	
CL< 05	FFEEEEF9	523C8C80	FFB851E4	C915AF00	00000000	00000000	FFC962FB	76D8F280	10	33	76D8F280	4	
CL< 06	00147A07	2DA08680	FFDDDD02	A4797900	00000000	00000004	FFC962FB	76D8F280	10	32	76D8F280	4	
CL< 07	FF258A9	0219FF80	8028F5AE	5B410000	00000000	00000000	FFC962FB	76D8F280	10	31	76D8F280	4	
CL< 08	00194E58	2D5B0C80	FFE48153	A433FF00	00000000	00000012	FFC962FB	76D8F280	10	30	76D8F280	4	
CL< 09	FFFFFFAB	D18F0880	80369C90	5AB61900	00000000	00000025	FFC962FB	76D8F280	10	2F	76D8F280	4	
CL< 10	00369C5C	2C452480	FFFFFF57	A31E1700	00000000	0000004A	FFC962FB	76D8F280	10	2E	76D8F280	4	
CL< 11	003698B3	CF633880	806D33B8	588A4900	00000000	00000095	FFC962FB	76D8F280	10	2D	76D8F280	4	
CL< 12	00369A63	159F6980	806D3767	9FC67700	00000000	00000023	FFC962FB	76D8F280	10	2C	76D8F280	4	
CL< 13	003697C1	A217C580	806D34C6	2B3ED300	00000000	00000057	FFC962FB	76D8F280	10	2B	76D8F280	4	
CL< 14	0036927E	980A7D80	806D2F83	442F8800	00000000	0000004AF	FFC962FB	76D8F280	10	2A	76D8F280	4	
CL< 15	003687FD	ECE9FD80	806D24FD	7610F800	00000000	00000095F	FFC962FB	76D8F280	10	29	76D8F280	4	
CL< 16	003672ED	50ACC080	806D0FF1	79D3D900	00000000	00000012BF	FFC962FB	76D8F280	10	28	76D8F280	4	
CL< 17	003648D6	18328D80	806CE5DA	A1599A00	00000000	000000257F	FFC962FB	76D8F280	10	27	76D8F280	4	
CL< 18	0035FAA7	A73E0080	806C91AC	30651800	00000000	0000004AFF	FFC962FB	76D8F280	10	26	76D8F280	4	
CL< 19	00354C4A	C5550080	806B8E94F	4E7C1300	00000000	00000095FF	FFC962FB	76D8F280	10	25	76D8F280	4	
CL< 20	0033F391	01830080	806A9895	8AAA1800	00000000	000000123FF	FFC962FB	76D8F280	10	24	76D8F280	4	
CL< 21	00315A1D	79DF0080	8067F722	03061800	00000000	000000257FF	FFC962FB	76D8F280	10	23	76D8F280	4	
CL< 22	002C1736	6A970080	8062B43A	F3BE1900	00000000	0000004AFF	FFC962FB	76D8F280	10	22	76D8F280	4	
CL< 23	00219148	4C070080	80582E6C	052E1800	00000000	000095FF	FFC962FB	76D8F280	10	21	76D8F280	4	
CL< 24	000C85CC	0EE70080	80432200	980E1800	00000000	00012BFFF	FFC962FB	76D8F280	10	20	76D8F280	4	
CL< 25	00369F93	94470080	80190398	10CE1300	00000000	00257FFF	FFC962FB	76D8F280	10	1F	76D8F280	4	
CL< 26	FFF87A29	32752880	FFC4D027	294E1800	00000000	004AFFFE	FFC962FB	76D8F280	10	1E	76D8F280	4	
CL< 27	002D915B	FE115E80	FFF6F457	64EA5100	00000000	0095FFFC	FFC962FB	76D8F280	10	1D	76D8F280	4	
CL< 28	00248593	52F8AF80	805922B7	DC22B000	00000000	012BFFF9	FFC962FB	76D8F280	10	1C	76D8F280	4	
CL< 29	00126E42	1CD05180	80490B66	AS775F00	00000000	0257FFF3	FFC962FB	76D8F280	10	1B	76D8F280	4	
CL< 30	FFF26F9F	80799580	8024DCC4	39A0A300	00000000	04AFFFE7	FFC962FB	76D8F280	10	1A	76D8F280	4	
CL< 31	00131C83	EA1A3880	FFDC7F7F	60F32800	00000000	095FFFC	FFC962FB	76D8F280	10	19	76D8F280	4	

TEST N#	FC	R	EW	RU1	EWU1					E	F	FP	SW
FDL	10	7	1059AF26	5527C16B	C16B05AF	05B16C28							
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)					
CLK 31	0008178B	C7C0DAAR	A82FD8F6	CD7246D0	00000000	04830437	0027C16B	05B16C28	BC	19	05B16C28	4	
CLK 32	FF86D6AC	89D0492R	28102F17	8F81B550	00000000	0906086F	0027C16B	05B16C28	BC	18	05B16C28	4	
CLK 33	FFF89C04	1951FE7R	FFD0D859	13A09250	00000000	120C10DE	0027C16B	05B16C28	BC	17	05B16C28	4	
CLK 34	0018FAF3	3855691R	FFF13988	32A3FCF0	00000000	241821BC	0027C16B	05B16C28	BC	16	05B16C28	4	
CLK 35	000A347B	6AF9660R	0831F5E6	70AAD230	00000000	48304379	0027C16B	05B16C28	BC	15	05B16C28	4	
CLK 36	FFCA78B	D0415FE8	F81468F6	D5F2CC10	00000000	906086F3	0027C16B	05B16C28	BC	14	05B16C28	4	
CLK 37	00011082	A6342BF8	FFD94F17	A082BF00	00000001	20C10DE6	0027C16B	05B16C28	BC	13	05B16C28	4	
CLK 38	FF0A5F9A	4686E8C8	CR022105	4C6857F0	00000002	418219CD	0027C16B	05B16C28	BC	12	05B16C28	4	
CLK 39	FF0C809F	931F438R	FFB48F34	8D6DD790	00000004	8304379A	0027C16B	05B16C28	BC	11	05B16C28	4	
CLK 40	FF00C2AA	2BFFF998	FFB9013F	263E8770	00000009	06086F34	0027C16B	05B16C28	BC	10	05B16C28	4	
CLK 41	FF946E8F	5D91538R	FFC18554	57DFE730	00000012	0C10DE68	0027C16B	05B16C28	BC	0F	05B16C28	4	
CLK 42	FFFA4E59	C0D4120R	FFD2807E	BB22A6B0	00000024	18213CD0	0027C16B	05B16C28	BC	0E	05B16C28	4	
CLK 43	001C5F3E	8759910R	FFF490D3	81A825B0	00000048	304379A0	0027C16B	05B16C28	BC	0D	05B16C28	4	
CLK 44	0010FD12	0901978R	8838BE7D	0EB323B0	00000090	6086F341	0027C16B	05B16C28	BC	0C	05B16C28	4	
CLK 45	FFA38B9	0C5202FE	E821FA24	12036F10	00000120	C10DE683	0027C16B	05B16C28	BC	0B	05B16C28	4	
CLK 46	001C32D0	1E5571FR	FF47172	18A405D0	00000241	8218CD06	0027C16B	05B16C28	BC	0A	05B16C28	4	
CLK 47	0010A44F	36F977C8	C838658A	3CAA3E30	00000483	04379A0D	0027C16B	05B16C28	BC	09	05B16C28	4	
CLK 48	FF987333	6841836R	6821489E	6DF2EF90	00000906	086F341B	0027C16B	05B16C28	BC	08	05B16C28	4	
CLK 49	001ACFD1	D63472F8	FFF30E66	008306D0	0000120C	10DE6836	0027C16B	05B16C28	BC	07	05B16C28	4	
CLK 50	000D0E38	A6B779C8	C8359FA3	AC68E5F0	00002418	218CD060	0027C16B	05B16C28	BC	06	05B16C28	4	
CLK 51	FF3FB906	47B08768	681B8C71	4D6EF390	00004830	4379A0DB	0027C16B	05B16C28	BC	05	05B16C28	4	
CLK 52	000FB777	952C7AF8	FFE7F60C	8F780E00	00009060	86F341B6	0027C16B	05B16C28	BC	04	05B16C28	4	
CLK 53	FF7A08A	244789C8	C81F6E8F	2A58F5F0	000120C1	0DE68360	0027C16B	05B16C28	BC	03	05B16C28	4	
CLK 54	00171C73	4F007FB8	FFE5B08	494F1390	00024182	18CD06DA	0027C16B	05B16C28	BC	02	05B16C28	4	
CLK 55	0006777B	984F9348	482E38E6	9E00FF70	00048304	379A0DB5	0027C16B	05B16C28	BC	01	05B16C28	4	
CLK 56	FF52D8AC	2AED8A68	680CE8F7	309F2690	00090608	6F341B68	0027C16B	05B16C28	BC	00	05B16C28	4	
CLK 57	FF21C8A3	588CE0F8	FFCA5B18	55DB74D0	00120C10	DE683D06	0027C16B	05B16C28	BC	FF	05B16C28	4	
CLK 58	00241821	BCD06DAC	00241821	BCD06DAC	00241821	BCD06DAC	0027C16B	05B16C28	BC	FE	05B16C28	4	
PH 09	00241821	BCD06DAC	00241821	BCD06DAC	00241821	BCD06DAC	0027C16B	05B16C28	BC	FE	BCD06DAC	4	
PH 10	00241821	BCD06DAC	00241821	BCD06DAC	00241821	BCD06DAC	0027C16B	05B16C28	BC	FE	7C241821	4	

TEST N#	FC	R	EW	RU1	EWU1					E	F	FP	SW
FDL	11	5	7FA22676	3F212707	C6C51163	92B682F0							
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)					
PH 01	00A22676	7F000000	00000000	00000000	00000000	00000000	00000000	00000000	BC	FE	7FA22676	4	
PH 02	00P12707	3F000000	00A22676	7F000000	00000000	00000000	00000000	00000000	00	00	3F212707	0	
PH 03	00R0FF6F	40800000	00A22676	7F800000	00000000	00000000	00012707	3F000000	00	00	C6C5116B	0	
PH 04	00R0FF6F	92B682F0	00A22676	C6C5116B	00000000	00000000	00212707	3F000000	40	00	92B682F0	0	
PH 06	00A22676	6C6C5116B	00A22676	C6C5116B	00000000	00000000	00212707	92B682F0	40	00	92B682F0	0	
PH 07	00R0FF6F	340E8E7B	00A22676	C6C5116B	00000000	00000000	00212707	92B682F0	40	00	92B682F0	2	
PH 08	00A22676	6C6C5116B	00A22676	C6C5116B	00000000	00000000	00212707	92B682F0	40	37	92B682F0	0	
PH 08	000A2267	6C6C5116	000A2267	6C6C5116	00300000	00000000	00212707	92B682F0	41	37	92B682F0	4	
CLK 02	FFF31DC7	46221F3D	001444CE	D8D8A22D	00600000	00000000	00212707	92B682F0	41	36	92B682F0	4	
CLK 03	00076296	1EFAC16A	FFE63B8E	8C443E7A	00C00000	00000000	00212707	92B682F0	41	35	92B682F0	4	
CLK 04	FFD09E24	A93EFFE5	E50E8C2D	30F582D5	00800000	00000001	00212707	92B682F0	41	34	92B682F0	4	
CLK 05	FFFC6350	E93482B8	FFDB3C49	5670FFC8	00000000	00000002	00212707	92B682F0	41	33	92B682F0	4	
CLK 06	0019EDA9	651F8866	FFB8C6A1	D2690576	00000000	00000004	00212707	92B682F0	41	32	92B682F0	4	
CLK 07	0012B448	378880DC	DC33D952	CA3F10CC	00000000	00000009	00212707	92B682F0	41	31	92B682F0	4	
CLK 08	0004418E	DC5A98C8	C8256896	6F111BB8	00000000	00000113	00212707	92B682F0	41	30	92B682F0	4	
CLK 09	FFE75C16	25FEA6A0	A008831D	88B53190	00000000	00000027	00212707	92B682F0	41	2F	92B682F0	4	
CLK 10	FFFD2F33	DEB3F030	FFCE882C	48FD5040	00000000	0000004E	00212707	92B682F0	41	2E	92B682F0	4	
CLK 11	0000F56F	501E4350	FFDFBE67	B067C060	00000000	0000009C	00212707	92B682F0	41	2D	92B682F0	4	
CLK 12	FFE0A307	00860380	R0C1CA7E	A03C86A0	00000000	00000139	00212707	92B682F0	41	2C	92B682F0	4	
CLK 13	FFE26E85	ADC2AA50	FFC147AE	180C0760	00000000	00000272	00212707	92B682F0	41	2B	92B682F0	4	
CLK 14	FF60A472	EE3B9790	FFC4D06B	588514A0	00000000	000004F4	00212707	92B682F0	41	2A	92B682F0	4	
CLK 15	FFD2FFD0	67208210	FFCC08E5	DC772F20	00000000	000009C8	00212707	92B682F0	41	29	92B682F0	4	
CLK 16	FFB86E2	7111E710	FFDA5F0A	DE586420	00000000	00001390	00212707	92B682F0	41	28	92B682F0	4	
CLK 17	001834CC	74DA5110	FFF700CA	E223CE20	00000000	00002720	00212707	92B682F0	41	27	92B682F0	4	
CLK 18	000F4291	56FE1F30	30306998	E894A220	00000000	00004F41	00212707	92B682F0	41	26	92B682F0	4	
CLK 19	FF05E1B	18458B70	701E8522	ADF3F660	00000000	00009C83	00212707	92B682F0	41	25	92B682F0	4	
CLK 20	001BF83D	C941F9D0	FFFABC36	368876E0	00000000	00013906	00212707	92B682F0	41	24	92B682F0	4	
CLK 21	00169F73	FFC070B0	R037C678	92A3F3A0	00000000	0002720D	00212707	92B682F0	41	23	92B682F0	4	
CLK 22	000C17F0	6CE45E70	702D3EE7	FF9AE160	00000000	0004F41B	00212707	92B682F0	41	22	92B682F0	4	
CLK 23	FF708B9	471239F0	F0182FC0	09C8BC00	00000000	0009C837	00212707	92B682F0	41	21	92B682F0	4	
CLK 24	000F387A	20DAF6D0	FFEE1172	8F2473E0	00000000	00013906	00212707	92B682F0	41	20	92B682F0	4	
CLK 25	FFD49FC	AFFF6AB0	B01E70F4	41B5EDA0	00000000	002720DD	00212707	92B682F0	41	1F	92B682F0	4	
CLK 26	001BBA0E	F0B55850	FFFA93D9	5DFED560	00000000	004E418A	00212707	92B682F0	41	1E	92B682F0	4	
CLK 27	00164EBA	4EB420B0	R03775C1	E16AB0A0	00000000	009C8375	00212707	92B682F0	41	1D	92B682F0	4	
CLK 28	000B766D	0A81D870	702C9074	98685860	00000000	013906E8	00212707	92B682F0	41	1C	92B682F0	4	
CLK 29	FF5C5D0	82AD2DF0	F016E0DA	1563B0E0	00000000	02720DD7	00212707	92B682F0	41	1B	92B682F0	4	
CLK 30	000CR2AC	9810DED0	FFEB88A5	05A58E0	00000000	04E413AE	00212707	92B682F0	41	1A	92B682F0	4	

Table with columns: TEST NO, FC, R, EW, RU1, EWU1 and rows for CYCLE, CLK, PH, and SW. It contains numerical data for a floating point simulator.

Table with columns: TEST NO, FC, R, EW, RU1, EWU1 and rows for CYCLE, PH, and SW. It contains numerical data for a floating point simulator.

SIGMA 5 FLRATING PRINT SIMULATR

TEST N _B	FC	R	EW	RU1	EWU1							
FDL	12	5	BFF00000	DFF00000	00000000	00000000						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	3(00=31)	D(46=71)	D(00=31)	E	F	FP	Sw
CLK 28	FF000000	00000000	FF000000	00000000	00000000	00400000	FF000000	00000000	21	1C	00000000	4
CLK 29	FF000000	00000000	FF000000	00000000	00000000	00800000	FF000000	00000000	21	1B	00000000	4
CLK 30	FF000000	00000000	FF000000	00000000	00000000	01000000	FF000000	00000000	21	1A	00000000	4
CLK 31	FF000000	00000000	FF000000	00000000	00000000	02000000	FF000000	00000000	21	19	00000000	4
CLK 32	FF000000	00000000	FF000000	00000000	00000000	04000000	FF000000	00000000	21	18	00000000	4
CLK 33	FF000000	00000000	FF000000	00000000	00000000	08000000	FF000000	00000000	21	17	00000000	4
CLK 34	FF000000	00000000	FF000000	00000000	00000000	10000000	FF000000	00000000	21	16	00000000	4
CLK 35	FF000000	00000000	FF000000	00000000	00000000	20000000	FF000000	00000000	21	15	00000000	4
CLK 36	FF000000	00000000	FF000000	00000000	00000000	40000000	FF000000	00000000	21	14	00000000	4
CLK 37	FF000000	00000000	FF000000	00000000	00000000	80000000	FF000000	00000000	21	13	00000000	4
CLK 38	FF000000	00000000	FF000000	00000000	00000001	00000000	FF000000	00000000	21	12	00000000	4
CLK 39	FF000000	00000000	FF000000	00000000	00000002	00000000	FF000000	00000000	21	11	00000000	4
CLK 40	FF000000	00000000	FF000000	00000000	00000004	00000000	FF000000	00000000	21	10	00000000	4
CLK 41	FF000000	00000000	FF000000	00000000	00000008	00000000	FF000000	00000000	21	0F	00000000	4
CLK 42	FF000000	00000000	FF000000	00000000	00000010	00000000	FF000000	00000000	21	0E	00000000	4
CLK 43	FF000000	00000000	FF000000	00000000	00000020	00000000	FF000000	00000000	21	0D	00000000	4
CLK 44	FF000000	00000000	FF000000	00000000	00000040	00000000	FF000000	00000000	21	0C	00000000	4
CLK 45	FF000000	00000000	FF000000	00000000	00000080	00000000	FF000000	00000000	21	0B	00000000	4
CLK 46	FF000000	00000000	FF000000	00000000	00000100	00000000	FF000000	00000000	21	0A	00000000	4
CLK 47	FF000000	00000000	FF000000	00000000	00000200	00000000	FF000000	00000000	21	09	00000000	4
CLK 48	FF000000	00000000	FF000000	00000000	00000400	00000000	FF000000	00000000	21	08	00000000	4
CLK 49	FF000000	00000000	FF000000	00000000	00000800	00000000	FF000000	00000000	21	07	00000000	4
CLK 50	FF000000	00000000	FF000000	00000000	00001000	00000000	FF000000	00000000	21	06	00000000	4
CLK 51	FF000000	00000000	FF000000	00000000	00002000	00000000	FF000000	00000000	21	05	00000000	4
CLK 52	FF000000	00000000	FF000000	00000000	00004000	00000000	FF000000	00000000	21	04	00000000	4
CLK 53	FF000000	00000000	FF000000	00000000	00008000	00000000	FF000000	00000000	21	03	00000000	4
CLK 54	FF000000	00000000	FF000000	00000000	00010000	00000000	FF000000	00000000	21	02	00000000	4
CLK 55	FF000000	00000000	FF000000	00000000	00020000	00000000	FF000000	00000000	21	01	00000000	4
CLK 56	FF000000	00000000	FF000000	00000000	00040000	00000000	FF000000	00000000	21	00	00000000	4
CLK 57	FF000000	00000000	FF000000	00000000	00080000	00000000	FF000000	00000000	21	FF	00000000	4
CLK 58	00100000	00000000	FF000000	00000000	00100000	00000000	FF000000	00000000	21	FE	00000000	4
PH 09	00100000	00000000	00100000	00000000	00100000	00000000	FF000000	00000000	21	FE	00000000	4
PH 10	00100000	00000000	00100000	00000000	00100000	00000000	FF000000	00000000	21	FE	61100000	4

SIGMA 5 FLRATING PRINT SIMULATR

TEST N _B	FC	R	EW	RU1	EWU1							
FDL	13	5	258BE147	ED0369CF	56AE37BF	DF1357BD						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	3(00=31)	D(46=71)	D(00=31)	E	F	FP	Sw
PH 01	008BE147	25000000	00000000	00000000	00000000	00000000	00000000	00000000	21	FE	258BE147	4
PH 02	030369CF	ED000000	008BE147	25000000	00000000	00000000	00000000	00000000	00	00	ED0369CF	0
PH 03	FF8F4B17	13000000	008BE147	25800000	00000000	00000000	FF0369CF	ED800000	00	00	56AE37BF	0
PH 04	FF8F4B17	DF1357BD	008BE147	56AE37BF	00000000	00000000	FF0369CF	ED800000	13	00	DF1357BD	0
PH 06	008BE147	56AF37BF	008BE147	56AE37BF	00000000	00000000	FF0369CF	DF1357BD	13	00	DF1357BD	0
PH 07	FF8F4B17	35C18F7C	008BE147	56AE37BF	00000000	00000000	FF0369CF	DF1357BD	13	00	DF1357BD	0
PH 08	008BE147	56AE37BF	008BE147	56AE37BF	00000000	00000000	FF0369CF	DF1357BD	13	37	DF1357BD	4
CLK 02	001B2C5E	8C6FC738	0017C28E	AD5C6F7E	00000000	00000000	FF0369CF	DF1357BD	13	36	DF1357BD	4
CLK 03	FF39C28C	F7F2E633	333658BD	18DF8E76	00000000	00000000	FF0369CF	DF1357BD	13	35	DF1357BD	4
CLK 04	FF701B4A	10D274A9	FF738519	FE5CC666	00000000	00000002	FF0369CF	DF1357BD	13	34	DF1357BD	4
CLK 05	FF0CCCC4	42919195	FFE03694	21A4E952	00000000	00000004	FF0369CF	DF1357BD	13	33	DF1357BD	4
CLK 06	00862F88	A60FC86D	FFB99988	8523232A	00000000	00000008	FF0369CF	DF1357BD	13	32	DF1357BD	4
CLK 07	006FC941	7B32FE97	976C5F71	4C1F96DA	00000000	00000011	FF0369CF	DF1357BD	13	31	DF1357BD	4
CLK 08	FFE2FC52	357934E8	EBDF9282	56650D2E	00000000	00000023	FF0369CF	DF1357BD	13	30	DF1357BD	4
CLK 09	00C28E04	8BD9F129	FFC5F8A4	6AF269D6	00000000	00000046	FF0369CF	DF1357BD	13	2F	DF1357BD	4
CLK 10	00888778	F6D179EF	EF851DA9	17BE2432	00000000	0000008D	FF0369CF	DF1357BD	13	2E	DF1357BD	4
CLK 11	00147871	CC864F98	9B110EF1	ED42F7DE	00000000	00000113	FF0369CF	DF1357BD	13	2D	DF1357BD	4
CLK 12	FF2C5B53	787FF6F3	F328F183	996C9F36	00000000	00000237	FF0369CF	DF1357BD	13	2C	DF1357BD	4
CLK 13	FF854C07	11EC9629	FF58B6A6	F0FFEDE6	00000000	00000046	FF0369CF	DF1357BD	13	2B	DF1357BD	4
CLK 14	FFA72FDE	44C5D495	FFAA99AE	73D92C52	00000000	0000008D	FF0369CF	DF1357BD	13	2A	DF1357BD	4
CLK 15	004AF5EC	AA78516D	FF4E5F8C	898BA92A	00000000	00001198	FF0369CF	DF1357BD	13	29	DF1357BD	4
CLK 16	FF9955A9	3403FA97	9795EB79	54FOA2DA	00000000	00002371	FF0369CF	DF1357BD	13	28	DF1357BD	4
CLK 17	002F4182	88F49071	FF32A852	6807F52E	00000000	000046E2	FF0369CF	DF1357BD	13	27	DF1357BD	4
CLK 18	FF41ECD4	F0FC929F	9F5E8305	11E93AE2	00000000	000080C5	FF0369CF	DF1357BD	13	26	DF1357BD	4
CLK 19	FFC06FDA	02E5C081	FFC3D9A9	E1F9253E	00000000	000118A4	FF0369CF	DF1357BD	13	25	DF1357BD	4
CLK 20	0007D75E4	26884345	FF80DFB4	05CB9802	00000000	00023714	FF0369CF	DF1357BD	13	24	DF1357BD	4
CLK 21	FFE55998	2C83DE47	47FAEBC8	4D70868A	00000000	00046F29	FF0369CF	DF1357BD	13	23	DF1357BD	4
CLK 22	00F94160	79F464D1	FFFCAB30	59078C8E	00000000	0008DC52	FF0369CF	DF1357BD	13	22	DF1357BD	4
CLK 23	00F8EC90	02FC215F	5FF282C0	F3E8C9A2	00000000	0011B8A5	FF0369CF	DF1357BD	13	21	DF1357BD	4
CLK 24	00EF42F1	85089A78	78EBD921	A5F842BE	00000000	00237148	FF0369CF	DF1357BD	13	20	DF1357BD	4
CLK 25	00E1E9F2	E92A8C83	B3DE85E3	0A1734F6	00000000	0046E297	FF0369CF	DF1357BD	13	1F	DF1357BD	4
CLK 26	00C74935	B1687123	23C3DF65	7D551966	00000000	008DC52F	FF0369CF	DF1357BD	13	1E	DF1357BD	4
CLK 27	0091FC3B	41E43A03	038E9268	62DDE246	00000000	011B8A5F	FF0369CF	DF1357BD	13	1D	DF1357BD	4
CLK 28	00276246	62DB9C83	C323F876	93C87406	00000000	0237148F	FF0369CF	DF1357BD	13	1C	DF1357BD	4
CLK 29	FF522E5C	AA4CAEF43	434EC48C	C5B79786	00000000	046E297F	FF0369CF	DF1357BD	13	1B	DF1357BD	4
CLK 30	FFA0F2F9	6A8285C9	FFA45CB9	4995DE86	00000000	08DC52FE	FF0369CF	DF1357BD	13	1A	DF1357BD	4
CLK 31	003E7C02	F5F185D5	FF41E5D2	D5050D92	00000000	11B8A5FC	FF0369CF	DF1357BD	13	19	DF1357BD	4

TEST NO	FC	R	EW	RU1	EWU1								
FOL	13	5	258BE147	ED0369CF	56AE37BF	DF13F7B0							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
CLK 32	FF806105	CAF6C367	677CF805	E8E368AA	00000000	237148F9	FF0369CF	DF1357BD	13	18	DF1357BD	4	
CLK 33	FFF059DB	B6DA2F11	FF00C3AB	95ED86CE	00000000	46E297F2	FF0369CF	DF1357BD	13	17	DF1357BD	4	
CLK 34	00F749E7	8EA10665	FFFA83B7	6DB45E22	00000000	8DC52FE4	FF0369CF	DF1357BD	13	16	DF1357BD	4	
CLK 35	00F1FD9E	FC556487	87EE93CF	10420CCA	00000001	1B8A5FC9	FF0369CF	DF1357BD	13	15	DF1357BD	4	
CLK 36	00E7650D	D7BE20CB	C8E3FB3D	F8AAC90E	00000002	3714BF93	FF0369CF	DF1357BD	13	14	DF1357BD	4	
CLK 37	00D233EB	8E8F9953	53CECA1B	AF7C4196	00000004	6E297F27	FF0369CF	DF1357BD	13	13	DF1357BD	4	
CLK 38	00A7D1A6	FC328A63	63A467D7	1D1F32A6	00000008	DC52FE4F	FF0369CF	DF1357BD	13	12	DF1357BD	4	
CLK 39	00530D10	D7786C83	834FA34D	F86514C6	00000011	88A5FC9F	FF0369CF	DF1357BD	13	11	DF1357BD	4	
CLK 40	FFA9840B	8E0430C3	C3A61A3B	AEF0D906	00000023	7148F93F	FF0369CF	DF1357BD	13	10	DF1357BD	4	
CLK 41	004F9E47	3CF509C9	FF530817	1C086186	00000046	E297F27E	FF0369CF	DF1357BD	13	0F	DF1357BD	4	
CLK 42	FFA2A65E	58FD684F	4F9F3C8E	79EA1392	0000008D	C52FE4FD	FF0369CF	DF1357BD	13	0E	DF1357BD	4	
CLK 43	0041E2EC	D2E77EE1	FF454C9C	91FAD69E	0000011B	8A5FC9FA	FF0369CF	DF1357BD	13	0D	DF1357BD	4	
CLK 44	FFR72FA9	84E2557F	7F83C5D9	A5CEFD02	00000237	148F93F5	FF0369CF	DF1357BD	13	0C	DF1357BD	4	
CLK 45	000AF583	2AB15341	FF0E5F53	09C4AAFE	0000046E	297F27EA	FF0369CF	DF1357BD	13	0B	DF1357BD	4	
CLK 46	FF1954D6	3475FE3F	3F15E906	5562A682	000008DC	52FE4FD5	FF0369CF	DF1357BD	13	0A	DF1357BD	4	
CLK 47	FF2F3FD6	89D8AA4C	FF32A9AC	68EBFC7E	000011B8	A5FC9FAA	FF0369CF	DF1357BD	13	09	DF1357BD	4	
CLK 48	FF5B15E9	349D1C55	FF5E7FB9	13B14982	00002371	48F93F54	FF0369CF	DF1357BD	13	08	DF1357BD	4	
CLK 49	FFB2C202	8A2889CD	FFB628D2	693BE38A	000046E2	97F27EA8	FF0369CF	DF1357BD	13	07	DF1357BD	4	
CLK 50	00621A35	353D8FDD	FF658405	1451179A	00008DC5	2FE4FD50	FF0369CF	DF1357BD	13	06	DF1357BD	4	
CLK 51	FFC79E3A	498E0777	77C4346A	6A7B7FBA	00011B8A	5FC9FAA1	FF0369CF	DF1357BD	13	05	DF1357BD	4	
CLK 52	008BD2A4	940A5731	FF783C74	931DAEEE	00023714	8F93F542	FF0369CF	DF1357BD	13	04	DF1357BD	4	
CLK 53	001B0F19	4728061F	1F17A549	6814AE62	00046E29	7F27EA85	FF0369CF	DF1357BD	13	03	DF1357BD	4	
CLK 54	FF398802	6D6363FB	FB361E32	8E500C3E	0008DC52	FE4FD50B	FF0369CF	DF1357BD	13	02	DF1357BD	4	
CLK 55	FF6FA674	F8B37039	FF731004	DAC6C7FE	0011B8A5	FC9FAA16	FF0369CF	DF1357BD	13	01	DF1357BD	4	
CLK 56	FFDBE29A	185388B5	FFDF4C69	F766E072	00237143	F93F542C	FF0369CF	DF1357BD	13	00	DF1357BD	4	
CLK 57	00B45B64	5193B9AD	FFB7C534	30A7116A	0046E297	F27EA858	FF0369CF	DF1357BD	13	FF	DF1357BD	4	
CLK 58	008DC52F	F40550B1	1768B6C8	A327735A	008DC52F	E4F050B1	FF0369CF	DF1357BD	13	FE	DF1357BD	4	
PH 09	FF723AD0	1802AF4F	008DC52F	E4FD50B1	008DC52F	E4FD50B1	FF0369CF	DF1357BD	13	FE	1802AF4F	4	
PH 10	FF723AD0	1802AF4F	008DC52F	E4FD50B1	008DC52F	E4FD50B1	FF0369CF	DF1357BD	13	FE	AC723AD0	4	

TEST NO	FC	R	EW	RU1	EWU1								
FOL	14	5	E135798D	F2468ACE	8147ADC3	E26AF38D							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	0335798D	E1000000	00000000	00000000	00000000	00000000	00000000	00000000	EC	FE	E135798D	4	
PH 02	03468ACE	F2000000	FF35798D	F1000000	00000000	00000000	00000000	00000000	00	00	F2468ACE	0	
PH 03	FE7C048C	11000000	FF35798D	1E800000	00000000	00000000	FF468ACE	F2800000	00	00	8147ADC3	0	
PH 04	FE7C048C	E26AE38D	FF35798D	8147AD03	00000000	00000000	FF468ACE	F2800000	11	00	E26AE38D	0	
PH 06	00C8A642	7FB852FD	FF35798D	8147AD03	00000000	00000000	FF468ACE	E26AE38D	11	00	E26AE38D	0	
PH 07	00111111	6123368A	00C8A642	7FB852FD	00000000	00000000	FF468ACE	E26AE38D	11	00	E26AE38D	2	
PH 08	00C8A642	7FB852FD	00C8A642	7FB852FD	00000000	00000000	FF468ACE	E26AE38D	11	37	E26AE38D	0	
PH 08	00C8A642	27E8852F	00C8A642	27E8852F	00000000	00000000	FF468ACE	E26AE38D	12	37	E26AE38D	4	
CLK 02	FF5FD897	3241EDEC	001950C8	4FD70A5F	00A00000	00000000	FF468ACE	E26AE38D	12	36	E26AE38D	4	
CLK 03	FF792C5F	8218F84C	FFBFB72E	6483DBD9	00400000	00000000	FF468ACE	E26AE38D	12	35	E26AE38D	4	
CLK 04	FFABCDF0	21C70D09	FFF258BF	0431F098	00800000	00000000	FF468ACE	F26AE38D	12	34	E26AE38D	4	
CLK 05	00111111	6123368A	FF5798F0	438E1A17	00000000	00000000	FF468ACE	F26AE38D	12	33	E26AE38D	4	
CLK 06	FF68ACF1	A4B150A1	A1222222	C2466C14	00000000	00000001	FF468ACE	F26AE38D	12	32	E26AE38D	4	
CLK 07	FF8ACF14	66F78D85	FFD159E3	4962A142	00000000	00000000	FF468ACE	E26AE38D	12	31	E26AE38D	4	
CLK 08	FFCF1359	EB8497D0	FF159E28	CDEF786A	00000000	00000004	FF468ACE	E26AE38D	12	30	E26AE38D	4	
CLK 09	005798E4	F49E4C2D	FF9E26B3	07092F8A	00000000	00000008	FF468ACE	F26AE38D	12	2F	E26AE38D	4	
CLK 10	FF59C998	CBA778E7	E7AF37C9	E93C985A	00000000	00000011	FF468ACE	E26AE38D	12	2E	E26AE38D	4	
CLK 11	00A4FA62	B4E41441	FFE88531	974EF7CE	00000000	00000022	FF468ACE	E26AE38D	12	2D	E26AE38D	4	
CLK 12	00907FF4	4C330C0F	0F49F4C5	69C82882	00000000	00000045	FF468ACE	F26AE38D	12	2C	E26AE38D	4	
CLK 13	006789F7	7AD0F8AB	AB20FF28	8966181E	00000000	00000088	FF468ACE	F26AE38D	12	2B	E26AE38D	4	
CLK 14	00159E8D	D80CDAE3	E3CF13EE	F5A1F756	00000000	00000117	FF468ACE	E26AE38D	12	2A	E26AE38D	4	
CLK 15	FF71C84A	92849953	532B307B	R01985C6	00000000	0000022F	FF468ACE	E26AE38D	12	29	E26AE38D	4	
CLK 16	FF9D05C6	429F4F19	FFE39095	250932A6	00000000	0000045E	FF468ACE	E26AE38D	12	28	E26AE38D	4	
CLK 17	FF73808D	A2D18AA5	FF3A039C	853C9E32	00000000	0000088C	FF468ACE	E26AE38D	12	27	E26AE38D	4	
CLK 18	00A076AC	6338918D	FFE70178	45A3754A	00000000	00001178	FF468ACE	F26AE38D	12	26	E26AE38D	4	
CLK 19	00877827	ABDC0707	0740E058	C671237A	00000000	000022F1	FF468ACE	E26AE38D	12	25	E26AE38D	4	
CLK 20	00557B1E	3422F198	990EFO4F	51880E0E	00000000	000045E3	FF468ACE	E26AE38D	12	24	E26AE38D	4	
CLK 21	FFF18108	4AB0C6C3	C3AAF63C	6845E336	00000000	00008BC7	FF468ACE	E26AE38D	12	23	E26AE38D	4	
CLK 22	009C7747	B2F649F9	FFE30216	95618086	00000000	0001178E	FF468ACE	F26AE38D	12	22	E26AE38D	4	
CLK 23	007F795E	4858377F	7F38EE8F	65D053F2	00000000	00022F1D	FF468ACE	E26AE38D	12	21	E26AE38D	4	
CLK 24	0045708B	73185288	89FEF28C	90B06EFE	00000000	00045E38	FF468ACE	F26AE38D	12	20	E26AE38D	4	
CLK 25	FFD185E5	C8A18A83	A38AF316	E636A516	00000000	00008BC7	FF468ACE	F26AE38D	12	1F	E26AE38D	4	
CLK 26	005C80FC	AED82789	FFA309CB	91431146	00000000	001178EE	FF468ACE	E26AE38D	12	1E	E26AE38D	4	
CLK 27	FFFF8CC8	40183EFC	FFB901F9	50B05B72	00000000	0022F1D0	FF468ACE	E26AE38D	12	1C	E26AE38D	4	
CLK 28	00R88EC1	9DC89A71	FFFF1990	80367DFE	00000000	0045E38A	FF468ACE	E26AE38D	12	1C	E26AE38D	4	
CLK 29	00R7A852	1E02186F	6F711D83	3B9734E2	00000000	008BC775	FF468ACE	E26AE38D	12	1B	E26AE38D	4	
CLK 30	00R5DB73	1E6F146B	6B6F50A4	3C0430DE	00000000	01178EEB	FF468ACE	E26AE38D	12	1A	E26AE38D	4	

TEST	NB	FC	R	EW	RU1	EWU1					FP	SW
FDL	14	5	E13579RD	F2468ACE	8147AD03	E26AF38D						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
CLK 31	00B24195	1F490C63	6368B6E6	3CDE28D6	00000000	022F1DD7	FF468ACE	E26AE38D	12	19	E26AE38D	4
CLK 32	00A80E99	20FCFC53	5364836A	3E9218C6	00000000	045E38AF	FF468ACE	E26AE38D	12	18	E26AE38D	4
CLK 33	009CA741	2464DC33	33561C72	41F9F8A6	00000000	08BC775F	FF468ACE	E26AE38D	12	17	E26AE38D	4
CLK 34	007FD951	2B3498F3	F3394E82	48C9B866	00000000	1178EEBF	FF468ACE	E26AE38D	12	16	E26AE38D	4
CLK 35	00463D71	38D41973	73FFB2A2	566937E6	00000000	22F1DD7F	FF468ACE	E26AE38D	12	15	E26AE38D	4
CLK 36	FFD303B1	54131A73	738C7AF2	71A836E6	00000000	45E3BAFF	FF468ACE	E26AE38D	12	14	E26AE38D	4
CLK 37	005F8093	C58B5159	FFA60B62	A82634E6	00000000	8BC775FE	FF468ACE	E26AE38D	12	13	E26AE38D	4
CLK 38	00058BF6	6DE1863F	3FBF0127	8B76A2B2	00000001	178EEBFD	FF468ACE	E26AE38D	12	12	E26AE38D	4
CLK 39	FF51A2B8	BE2DF00B	0B0B17EC	DRC30C7E	00000002	2F1DD7FB	FF468ACE	E26AE38D	12	11	E26AE38D	4
CLK 40	FF5CBAA8	99F0FC89	FFA34577	7C58E016	00000004	5E3BAFF6	FF468ACE	E26AE38D	12	10	E26AE38D	4
CLK 41	FF72EAE2	51771585	FFB97551	33E1F912	00000008	BC775FEC	FF468ACE	E26AE38D	12	0F	E26AE38D	4
CLK 42	FF9F4A35	C083477D	FFE5D504	A2EE2B0A	00000011	78EEBFD8	FF468ACE	E26AE38D	12	0E	E26AE38D	4
CLK 43	FFF8099C	9E9BA36D	FF3E946B	81068EFA	00000022	F1DD7FB0	FF468ACE	E26AE38D	12	0D	E26AE38D	4
CLK 44	00A9886A	5ACC734D	FFF01339	3D3756DA	00000045	E3BAFF60	FF468ACE	E26AE38D	12	0C	E26AE38D	4
CLK 45	00999A33	9803CA27	275310D4	B598E69A	0000008B	8775FEC1	FF468ACE	E26AE38D	12	0B	E26AE38D	4
CLK 46	0079C216	127277D9	DB333747	3007949E	00000117	8EEBFD83	FF468ACE	E26AE38D	12	0A	E26AE38D	4
CLK 47	003A0EFB	074FD343	43F3842C	24E4EF86	0000022F	1DD7FB07	FF468ACE	E26AE38D	12	09	E26AE38D	4
CLK 48	FFBAAR84	F10AA133	13741DF6	0E9FA686	0000045E	3BAFF60F	FF468ACE	E26AE38D	12	08	E26AE38D	4
CLK 49	002EC68A	FFAA3099	FF755189	E2151426	0000088C	775FEC1E	FF468ACE	E26AE38D	12	07	E26AE38D	4
CLK 50	FFA41844	E1BF44BF	BF5D8D75	FF546132	00001178	EEBFD83D	FF468ACE	E26AE38D	12	06	E26AE38D	4
CLK 51	0001A5BA	E113A5F1	FF483089	C37E897E	000022F1	DD7FB07A	FF468ACE	E26AE38D	12	05	E26AE38D	4
CLK 52	FF49D644	A4922F6F	6F034B75	C2274BE2	000045E3	BAFF60F5	FF468ACE	E26AE38D	12	04	E26AE38D	4
CLK 53	FF40218A	66B97B51	FF93AC99	49245EDE	00008BC7	75FEC1EA	FF468ACE	E26AE38D	12	03	E26AE38D	4
CLK 54	FF53886A	EB0A1315	FF9A4374	CD72F6A2	0001178E	EBFD83D4	FF468ACE	E26AE38D	12	02	E26AE38D	4
CLK 55	FF60E67C	F3A5429D	FFA7714B	D610262A	00022F1D	07FB07A8	FF468ACE	E26AE38D	12	01	E26AE38D	4
CLK 56	FF7B4229	04DFA1AD	FFC1CCF9	E74A853A	00045E3B	AFF60F05	FF468ACE	E26AE38D	12	00	E26AE38D	4
CLK 57	FFAFF987	27545FC0	FFF68456	09BF435A	0008BC77	5FEC1EA0	FF468ACE	E26AE38D	12	FF	E26AE38D	4
CLK 58	001178EE	BFDB3D40	FF5FF30E	4EAB8F9A	001178EE	BFDB3D40	FF468ACE	E26AE38D	12	FE	E26AE38D	4
PH 09	001178EE	BFDB3D40	001178EE	HFDB3D40	001178EE	BFDB3D40	FF468ACE	E26AE38D	12	FE	BFDB3D40	4
PH 10	001178EE	BFDB3D40	001178EE	HFDB3D40	001178EE	BFDB3D40	FF468ACE	E26AE38D	12	FE	521178EE	4

TEST	NB	FC	R	EW	RU1	EWU1					FP	SW
FDL	15	5	27C16905	148BF37B	F37BF49E	E26AF49F						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	00C16B05	27000000	00000000	00000000	00000000	00000000	00000000	00000000	00	00	27C16B05	4
PH 02	009BF37B	14000000	00C16B05	27000000	00000000	00000000	00000000	00000000	00	00	148BF37B	0
PH 03	0035778A	13800000	00C16B05	27800000	00000000	00000000	008BF37B	14000000	00	00	F37BF49E	0
PH 04	0035778A	E26AF49F	00C16B05	F37BF49E	00000000	00000000	008BF37B	14000000	13	00	E26AF49F	0
PH 06	00C16B05	F37BF49E	00C16B05	F37BF49E	00000000	00000000	008BF37B	E26AF49F	13	00	E26AF49F	0
PH 07	0035778A	1110FFFF	00C16B05	F37BF49E	00000000	00000000	008BF37B	E26AF49F	13	00	E26AF49F	2
PH 08	00C16B05	F37BF49E	00C16B05	F37BF49E	00000000	00000000	008BF37B	E26AF49F	13	37	E26AF49F	0
PH 08	00C16B05	5F37BF49	00C16B05	5F37BF49	00000000	00000000	008BF37B	E26AF49F	14	37	E26AF49F	4
CLK 02	FF8C39F4	DC049F4F	00182D50	8E6F7E93	00C00000	00000000	008BF37B	E26AF49F	14	36	E26AF49F	4
CLK 03	FFA46745	9A7A0888	FF1873C9	880913E9	00800000	00000000	008BF37B	E26AF49F	14	35	E26AF49F	4
CLK 04	FFD4C207	175305B0	FF48CE8B	34E81111	00000000	00000000	008BF37B	E26AF49F	14	34	E26AF49F	4
CLK 05	0035778A	1110FFFF	FFA9840E	2EA60B60	00000000	00000000	008BF37B	E26AF49F	14	33	E26AF49F	4
CLK 06	FFDEFF98	3FB7035F	5F6AEF14	2221FFFF	00000000	00000001	008BF37B	E26AF49F	14	32	E26AF49F	4
CLK 07	0049EAA8	A1D90B59	FFBDF730	7F6E168E	00000000	00000002	008BF37B	E26AF49F	14	31	E26AF49F	4
CLK 08	0007E1DC	E1472219	1893D558	C392168A	00000000	00000005	008BF37B	E26AF49F	14	30	E26AF49F	4
CLK 09	FF83D03D	F0234F97	970FC3B9	C28E443E	00000000	00000003	008BF37B	E26AF49F	14	2F	E26AF49F	4
CLK 10	FF9393F7	A2B193C0	FF07A07B	00469F2E	00000000	00000016	008BF37B	E26AF49F	14	2E	E26AF49F	4
CLK 11	FF83196B	27CE1C39	FF2727EF	4563279A	00000000	0000002C	008BF37B	E26AF49F	14	2D	E26AF49F	4
CLK 12	FFF22A52	32072D11	FF6636D6	4F9C3872	00000000	00000058	008BF37B	E26AF49F	14	2C	E26AF49F	4
CLK 13	007048P0	46794EC1	FFE45444	640E5A22	00000000	000000B0	008BF37B	E26AF49F	14	2B	E26AF49F	4
CLK 14	005A9CC4	AA87A8E3	E3E09040	8CF29D82	00000000	00000161	008BF37B	E26AF49F	14	2A	E26AF49F	4
CLK 15	001D46D0	72A45027	27A93989	550F51C6	00000000	000002C3	008BF37B	E26AF49F	14	29	E26AF49F	4
CLK 16	FFAE989F	02DDC5AF	AF3A8C1A	E5483AAE	00000000	00000587	008BF37B	E26AF49F	14	28	E26AF49F	4
CLK 17	FF9248B9	E8267FFD	FF5D313E	058B885E	00000000	0000090E	008BF37B	E26AF49F	14	27	E26AF49F	4
CLK 18	005E3CEF	B2B7F499	FFD24973	004CFFFA	00000000	0000161C	008BF37B	E26AF49F	14	26	E26AF49F	4
CLK 19	00308663	8304F493	93BC79DF	656FE932	00000000	00002C39	008BF37B	E26AF49F	14	25	E26AF49F	4
CLK 20	FFD5194B	239EF487	R7610CC7	0609E926	00000000	00005873	008BF37B	E26AF49F	14	24	E26AF49F	4
CLK 21	00362612	29A8DDAD	FFAA3296	473DE90E	00000000	0000B0E6	008BF37B	E26AF49F	14	23	E26AF49F	4
CLK 22	FF0E58A8	70E6C6BB	8B6C42C4	5351B85A	00000000	000161CD	008BF37B	E26AF49F	14	22	E26AF49F	4
CLK 23	004CA4CC	C4388215	FFC0B150	E1CD8D76	00000000	0002C39A	008BF37B	E26AF49F	14	21	E26AF49F	4
CLK 24	000D561D	A6060F8B	83994999	8871042A	00000000	00058735	008BF37B	E26AF49F	14	20	E26AF49F	4
CLK 25	FF8EB88F	69A12A77	771AAC3B	4C0C1F16	00000000	00080E63	008BF37B	E26AF49F	14	1F	E26AF49F	4
CLK 26	FFA964FA	B5D498D0	FF1D717E	D34254EE	00000000	00161CD6	008BF37B	E26AF49F	14	1E	E26AF49F	4
CLK 27	FFD9E7D1	40C897B9	FF52C9F5	685A931A	00000000	002C39AC	008BF37B	E26AF49F	14	1D	E26AF49F	4
CLK 28	00496E9E	1DF40411	FFB07AE2	98AB0F72	00000000	00587358	008BF37B	E26AF49F	14	1C	E26AF49F	4
CLK 29	0006E941	79811383	8392DC8C	FREC0822	00000000	0040E6B1	008BF37B	E26AF49F	14	1B	E26AF49F	4
CLK 30	FF81DF06	50973267	670DD282	33022706	00000000	0161CD63	008BF37B	E26AF49F	14	1A	E26AF49F	4

Table with columns: TEST NO, FC, R, EW, RU1, EWU1, and multiple columns of values. Includes row labels like CLK 31, CLK 32, etc.

Table with columns: TEST NO, FC, R, EW, RU1, EWU1, and multiple columns of values. Includes row labels like CLK 01, CLK 02, etc.

TEST N°	FC	R	EW	RU1	EWU1							
FDL 16	5	F0259E49	FBE159F0	45AE739F	28CE58DF							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
CLK 31	FFFC662B	821A1655	55180C3B	5948BA76	00000000	0E402A25	FFE159F0	28CE58DF	OC	19	28CE58DF	4
CLK 32	00177266	D865D0CB	FF8CC57	04342CAA	00000000	1C80544A	FFE159F0	28CE58DF	OC	18	28CE58DF	4
CLK 33	00103EBD	DF99FD75	752EE4CD	B6CBA196	00000000	3900A895	FFE159F0	28CE58DF	OC	17	28CE58DF	4
CLK 34	0001D74B	E80256C9	C9207D7B	8F33FAEA	00000000	7201512B	FFE159F0	28CE58DF	OC	16	28CE58DF	4
CLK 35	FFE508C7	F8030971	7103AED7	D004AD92	00000000	E402A257	FFE159F0	28CE58DF	OC	15	28CE58DF	4
CLK 36	FFE8B79F	C8D7B703	FFCA118F	F1A612E2	00000001	C80544AE	FFE159F0	28CE58DF	OC	14	28CE58DF	4
CLK 37	FFF0154F	68E11227	FFD16F3F	91AF6E06	00000003	900A895C	FFE159F0	28CE58DF	OC	13	28CE58DF	4
CLK 38	FFFE0A5E	A8F3C86F	FFE02A9E	D1C2244E	00000007	201512B8	FFE159F0	28CE58DF	OC	12	28CE58DF	4
CLK 39	001C476D	291934FF	FFDA115D	51E790DE	0000000E	402A2570	FFE159F0	28CE58DF	OC	11	28CE58DF	4
CLK 40	0019E8CA	7B00C5DD	DD388EDA	523269FE	0000001C	80544AE1	FFE159F0	28CE58DF	OC	10	28CE58DF	4
CLK 41	00152B85	1ECFE799	9933D194	F60188BA	00000039	00A895C3	FFE159F0	28CE58DF	OC	0F	28CE58DF	4
CLK 42	000B80FA	666E2B11	112A570A	3D9FCF32	00000072	01512B87	FFE159F0	28CE58DF	OC	0E	28CE58DF	4
CLK 43	FFF88BE4	F5AAB201	011761F4	CCDC5622	000000E4	02A2570F	FFE159F0	28CE58DF	OC	0D	28CE58DF	4
CLK 44	00101D09	C2870823	FFF177C9	EB556402	000001C8	0544AE1E	FFE159F0	28CE58DF	OC	0C	28CE58DF	4
CLK 45	000195A3	ADD6C625	25203B83	850E1046	00000390	0A895C3D	FFE159F0	28CE58DF	OC	0B	28CE58DF	4
CLK 46	FFE48537	84873429	29032B47	58B8D84A	00000720	1512B87B	FFE159F0	28CE58DF	OC	0A	28CE58DF	4
CLK 47	FFE7B07E	E0400C73	FFC90A6F	090E6852	00000E40	2A2570F6	FFE159F0	28CE58DF	OC	09	28CE58DF	4
CLK 48	FFF0070D	97B18D07	FFCF60FD	C080186E	00001C80	544AE1EC	FFE159F0	28CE58DF	OC	08	28CE58DF	4
CLK 49	FFFAB42B	06951E2F	FFDC0E1B	2F637A0E	00003900	A895C3D8	FFE159F0	28CE58DF	OC	07	28CE58DF	4
CLK 50	00140E65	E45BF07F	FF56856	0D2A3C5E	00007201	512B87B0	FFE159F0	28CE58DF	OC	06	28CE58DF	4
CLK 51	000976B8	F1861CD0	DD281CCB	C8B7C0FE	0000E402	A2570F61	FFE159F0	28CE58DF	OC	05	28CE58DF	4
CLK 52	FFF44748	08DA9599	9912E077	E30C398A	0001C805	44AE1EC3	FFE159F0	28CE58DF	OC	04	28CE58DF	4
CLK 53	000734DF	EEE6CF53	FFE88ED0	17B52B32	0003900A	895C3D86	FFE159F0	28CE58DF	OC	03	28CE58DF	4
CLK 54	FFFC390	069BFAB5	850E698F	DDCD9EA6	00072015	12887B0D	FFE159F0	28CE58DF	OC	02	28CE58DF	4
CLK 55	FFFE206F	E4699928	FFDF87A0	0D37F50A	000E402A	2570F61A	FFE159F0	28CE58DF	OC	01	28CE58DF	4
CLK 56	001800EF	A004D677	FFFC5ADF	C8D33256	001C8054	4AE1EC34	FFE159F0	28CE58DF	OC	00	28CE58DF	4
CLK 57	00175BCF	68D808CD	CD3601DF	4009ACCE	003900A8	95C3D869	FFE159F0	28CE58DF	OC	FF	28CE58DF	4
CLK 58	00720151	2887B0D3	792EB79E	D1B0119A	00720151	2887B0D3	FFE159F0	28CE58DF	OC	FE	28CE58DF	4
PH 09	00720151	2887B0D3	00720151	2887B0D3	00720151	2887B0D3	FFE159F0	28CE58DF	OC	FE	2887B0D3	4
PH 10	00720151	2887B0D3	00720151	2887B0D3	00720151	2887B0D3	FFE159F0	28CE58DF	OC	FE	4C720151	4

TEST N°	FC	R	EW	RU1	EWU1							
FDL 17	5	8ACE9FB0	5A3E6E7F	A13BF37D	28E45317							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	03CE9FRD	8A000000	00000000	00000000	00000000	00000000	00000000	00000000	OC	FL	8ACE9FRD	4
PH 02	003F6E7F	5A000000	FFCE9FRD	8A000000	00000000	00000000	00000000	00000000	OC	OC	5A3E6E7F	0
PH 03	FF90319E	1B800000	FFCE9FRD	75800000	00000000	00000000	003E6E7F	5A000000	OC	00	A13BF37D	0
PH 04	FF90319E	28E45B17	FFCE9FRD	A13BF37D	00000000	00000000	003E6E7F	5A000000	1B	OC	28E45B17	0
PH 06	00316042	5EC40C83	FFCE9FRD	A13BF37D	00000000	00000000	003E6E7F	28E45B17	1B	OC	28E45B17	0
PH 07	FFF2F1C3	35DF816C	00316042	5EC40C83	00000000	00000000	003E6E7F	28E45B17	1B	OC	28E45B17	0
PH 08	00316042	5EC40C83	00316042	5EC40C83	00000000	00000000	003E6E7F	28E45B17	1B	37	28E45B17	4
CLK 02	00245205	94A38D5E	0062C084	8D881906	00000000	00000000	003E6E7F	28E45B17	1B	36	28E45B17	4
CLK 03	000A358C	006320C7	C748A40B	29477BD0	00000000	00000001	003E6E7F	28E45B17	1B	35	28E45B17	4
CLK 04	FFD5FC98	D7E1F677	77146B18	00C6418E	00000000	00000003	003E6E7F	28E45B17	1B	34	28E45B17	4
CLK 05	FFE467B0	D8A82805	FFA8F931	AFCC3CCE	00000000	00000006	003E6E7F	28E45B17	1B	33	28E45B17	4
CLK 06	00133DF0	DA34A821	FFDACF61	B150500A	00000000	0000000C	003E6E7F	28E45B17	1B	32	28E45B17	4
CLK 07	FFF80D42	8884F92B	2B2678C1	B4695642	00000000	00000019	003E6E7F	28E45B17	1B	31	28E45B17	4
CLK 08	000E8904	3FEF516D	FFD01A85	1709F656	00000000	00000032	003E6E7F	28E45B17	1B	30	28E45B17	4
CLK 09	FFDEA389	56F847C3	C31D1208	7FDCA2DA	00000000	00000065	003E6E7F	28E45B17	1B	2F	28E45B17	4
CLK 10	FFF8B591	D6D4EA9D	FFBD4712	AD08F836	00000000	0000000A	003E6E7F	28E45B17	1B	2E	28E45B17	4
CLK 11	0035D9A2	D68E3051	FFF76B23	ADA9D53A	00000000	00000194	003E6E7F	28E45B17	1B	2D	28E45B17	4
CLK 12	002D44C6	84380583	8368B345	AD1C60A2	00000000	00000329	003E6E7F	28E45B17	1B	2C	28E45B17	4
CLK 13	001C1B0D	DF8A4FFF	FF5A898D	08700816	00000000	00000653	003E6E7F	28E45B17	1B	2B	28E45B17	4
CLK 14	FFF9C79C	963304E7	F738361B	8F175FFE	00000000	00000CA7	003E6E7F	28E45B17	1B	2A	28E45B17	4
CLK 15	0031FD88	554A64F5	FFF38F39	2C6609CE	00000000	0000194E	003E6E7F	28E45B17	1B	29	28E45B17	4
CLK 16	00258CF1	81B06EB3	B363FB70	AA94C9CA	00000000	000329D0	003E6E7F	28E45B17	1B	28	28E45B17	4
CLK 17	000CAB63	DA7C24F	4F4B19F3	0360D066	00000000	0000653B	003E6E7F	28E45B17	1B	27	28E45B17	4
CLK 18	FFDAE848	8C14A987	871956C7	84F9049E	00000000	0000CA77	003E6E7F	28E45B17	1B	26	28E45B17	4
CLK 19	FFF43F10	410DAE25	FFB5D091	1A29530E	00000000	000194EE	003E6E7F	28E45B17	1B	25	28E45B17	4
CLK 20	0026EC9F	AFFB761	FFE87E20	82135C4A	00000000	000329DC	003E6E7F	28E45B17	1B	24	28E45B17	4
CLK 21	000F6AC0	2D1317AB	AB4DD93F	55FF6EC2	00000000	000653B9	003E6E7F	28E45B17	1B	23	28E45B17	4
CLK 22	FFF06701	3151CC3F	3F1ED580	5A362756	00000000	000CA773	003E6E7F	28E45B17	1B	22	28E45B17	4
CLK 23	FFF3C81	8887F395	FFC0CE02	62A3987E	00000000	00194EE6	003E6E7F	28E45B17	1B	21	28E45B17	4
CLK 24	003CE7A2	3FF442A1	FFFE7903	170FE72A	00000000	00329DC9	003E6E7F	28E45B17	1B	20	28E45B17	4
CLK 25	003B6085	5704796B	6B79CF04	7FE88428	00000000	00653999	003E6E7F	28E45B17	1B	1F	28E45B17	4
CLK 26	003852A8	8523F7BF	8F76C1DA	AE0852D6	00000000	00CA7733	003E6E7F	28E45B17	1B	1E	28E45B17	4
CLK 27	00232697	E1639467	6770A517	0A47EF7E	00000000	0194EE67	003E6E7F	28E45B17	1B	1D	28E45B17	4
CLK 28	0025F090	99E2CDB7	B7646D2F	C2C728CE	00000000	0329DCCF	003E6E7F	28E45B17	1B	1C	28E45B17	4
CLK 29	000ADFF2	0AE14057	5748FD61	33C59B6E	00000000	0653B99F	003E6E7F	28E45B17	1B	1B	28E45B17	4
CLK 30	FFDC08F4	ECDE2597	971B1DC4	15C280AE	00000000	0CA7733F	003E6E7F	28E45B17	1B	1A	28E45B17	4
CLK 31	FFF7CD09	02A0A645	FFB95E89	09BC482E	00000000	194EE67E	003E6E7F	28E45B17	1B	19	28E45B17	4

TEST NO	FC	R	EW	RU1	EWU1								
FDL	17	5	8ACE9F8D	5A3E6E7F	A13BF37D	28E45B17							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
CLK 32	002E0891	2E25A7A1	FFEF9A12	05414C8A	00000000	329DCCFC	003E6E7F	28E45B17	18	18	28E45B17	4	
CLK 33	001DA2A3	3366F428	285C1122	5C484F42	00000000	653899F9	003E6E7F	28E45B17	18	17	28E45B17	4	
CLK 34	FFFCD6C7	3DE98D3F	3F3B4546	66CDE856	00000000	CA7733F3	003E6E7F	28E45B17	18	16	28E45B17	4	
CLK 35	00381C0D	A4877595	FFF9AD8E	78D31A7E	00000001	94EE67E6	003E6E7F	28E45B17	18	15	28E45B17	4	
CLK 36	0031C99C	208A9013	1370381B	496EEB2A	00000003	29DCCFCF	003E6E7F	28E45B17	18	14	28E45B17	4	
CLK 37	00252489	1830C50F	0F639338	41152026	00000006	53899F9B	003E6E7F	28E45B17	18	13	28E45B17	4	
CLK 38	000BDAF3	077D2F07	074A4972	30618A1E	0000000C	A7733F37	003E6E7F	28E45B17	18	12	28E45B17	4	
CLK 39	FFD94766	E61602F7	F71785F6	0EFA5E0E	00000019	4EE67E6F	003E6E7F	28E45B17	18	11	28E45B17	4	
CLK 40	FFF0FD4C	F5106105	FFB28ECD	CC2C05EE	00000032	9DCCFCDE	003E6E7F	28E45B17	18	10	28E45B17	4	
CLK 41	00206919	13051021	FFE1FA99	EA20C20A	00000065	3899F9BC	003E6E7F	28E45B17	18	0F	28E45B17	4	
CLK 42	000263B2	FD25DF28	2840D232	260A3A42	000000CA	7733F379	003E6E7F	28E45B17	18	0E	28E45B17	4	
CLK 43	FFC658F6	D167633F	3F04C765	FA48BE56	00000194	EE67E6F3	003E6E7F	28E45B17	18	0D	28E45B17	4	
CLK 44	FFC9204C	C8832195	FF8CR1CD	A2CEC67E	000000329	DCCFCDE6	003E6E7F	28E45B17	18	0C	28E45B17	4	
CLK 45	FFD4AF18	C04A9E41	FF964099	9766432A	00000653	899F9BC	003E6E7F	28E45B17	18	0B	28E45B17	4	
CLK 46	FFE7CCB0	A9799799	FFA95E31	80953C82	00000CA7	733F3798	003E6E7F	28E45B17	18	0A	28E45B17	4	
CLK 47	000E07E0	78D78A49	FFCF9961	52F32F32	0000194E	E67E6F30	003E6E7F	28E45B17	18	09	28E45B17	4	
CLK 48	FFDDA141	CECAB97B	781C0FC0	F7AF1492	0000329D	CCFCDE61	003E6E7F	28E45B17	18	08	28E45B17	4	
CLK 49	FFF9B102	C679CF0D	FFBB4283	9D9572F6	0000653B	99F9BC2	003E6E7F	28E45B17	18	07	28E45B17	4	
CLK 50	0031D084	B5D7F731	FFF36205	8CF39C1A	0000CA77	33F37984	003E6E7F	28E45B17	18	06	28E45B17	4	
CLK 51	0025328A	42CB9348	4863A109	68AFEE62	000194EE	67E6F309	003E6E7F	28E45B17	18	05	28E45B17	4	
CLK 52	000BF695	5CB2CB7F	7F4A6514	85972696	000329DC	CFCDE613	003E6E7F	28E45B17	18	04	28E45B17	4	
CLK 53	FFD97EAB	90813BE7	E717E02A	B9659FE	000053B9	9F9BC27	003E6E7F	28E45B17	18	03	28E45B17	4	
CLK 54	FF168D06	49E6D2F5	FFB2FD57	210277CE	000CA773	3F37984E	003E6E7F	28E45B17	18	02	28E45B17	4	
CLK 55	0021462B	9CB2C0E1	FFE2D7AC	93CDA5CA	00194EE6	7E6F309C	003E6E7F	28E45B17	18	01	28E45B17	4	
CLK 56	00041D08	507FA6AB	AB428C57	796401C2	000329DC	FCDE6139	003E6E7F	28E45B17	18	00	28E45B17	4	
CLK 57	FFC9C031	781AF23F	3F0838B0	A0FF4D56	00653899	F9BC273	003E6E7F	28E45B17	18	FF	28E45B17	4	
CLK 58	00CA7733	F37984E6	FF939A62	F035E47E	00CA7733	F37984E6	003E6E7F	28E45B17	18	FE	28E45B17	4	
PH 09	F3588CC	0C86781A	00CA7733	00CA7733	00CA7733	F37984E6	003E6E7F	28E45B17	18	FE	0C86781A	4	
PH 10	F3588CC	0C86781A	00CA7733	F37984E6	00CA7733	F37984E6	003E6E7F	28E45B17	E4	FE	A43588CC	4	

TEST NO	FC	R	EW	RU1	EWU1								
FDL	18	5	A09CD39F	CE8C26A8	F4A017D3	F678159D							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	039CD39F	A0000000	00000000	00000000	00000000	00000000	00000000	00000000	E4	FE	A09CD39F	4	
PH 02	038C26A8	CE000000	FF9CD39F	A0000000	00000000	00000000	00000000	00000000	00	00	CE8C26A8	0	
PH 03	FF28FA48	2E000000	FF9CD39F	5F800000	00000000	00000000	FF8C26A8	CE800000	00	00	F4A017D3	0	
PH 04	FF28FA48	F678159D	FF9CD39F	F4A017D3	00000000	00000000	FF8C26A8	CE800000	2E	00	F678159D	0	
PH 06	00632C60	0B5FE82D	FF9CD39F	F4A017D3	00000000	00000000	FF8C26A8	F678159D	2E	00	F678159D	0	
PH 07	FFFE5309	01DAFDCA	00632C60	0B5FE82D	00000000	00000000	FF8C26A8	F678159D	2E	00	F678159D	0	
PH 08	00632C60	0B5FE82D	00632C60	0B5FE82D	00000000	00000000	FF8C26A8	F678159D	2E	37	F678159D	4	
CLK 02	00527F69	0D3AF5F7	00C658C0	168FD05A	00000000	00000000	FF8C26A8	F678159D	2E	36	F678159D	4	
CLK 03	0031257B	10F0F189	88A4FED2	1A75CBEE	00000000	00000001	FF8C26A8	F678159D	2E	35	F678159D	4	
CLK 04	FFFE719F	185C0883	83624AF6	21E1C316	00000003	00000000	FF8C26A8	F678159D	2E	34	F678159D	4	
CLK 05	0050BC95	3A3E98C9	FFDCE33E	30B98166	00000000	00000006	FF8C26A8	F678159D	2E	33	F678159D	4	
CLK 06	002D9FD3	6AF84D2F	2FA1797A	747D3792	00000000	00000000	FF8C26A8	F678159D	2E	32	F678159D	4	
CLK 07	FFFE7664F	CC6A9FFB	F85B3FA6	D5F09A5E	00000000	0000001B	FF8C26A8	F678159D	2E	31	F678159D	4	
CLK 08	0042A5F6	A25C4A59	FFCECC9F	98D75FF6	00000000	00000036	FF8C26A8	F678159D	2E	30	F678159D	4	
CLK 09	00117296	3933AA4F	4F8548ED	44B89482	00000000	0000006D	FF8C26A8	F678159D	2E	2F	F678159D	4	
CLK 10	FFAF08D5	6CE26A3B	3B22E52C	7667549E	00000000	000000D3	FF8C26A8	F678159D	2E	2E	F678159D	4	
CLK 11	FFD1F101	E3499ED9	FF5E174A	D9C4D476	00000000	000001B6	FF8C26A8	F678159D	2E	2D	F678159D	4	
CLK 12	00178B5A	00186815	FFA3E203	C6937D82	00000000	0000036C	FF8C26A8	F678159D	2E	2C	F678159D	4	
CLK 13	FFB99D9E	96A8E5C7	C72F7485	A030D02A	00000000	000006D9	FF8C26A8	F678159D	2E	2B	F678159D	4	
CLK 14	FFE81414	76DCB5F1	FF773A3D	2D57CB8E	00000000	00000D82	FF8C26A8	F678159D	2E	2A	F678159D	4	
CLK 15	004A017F	373C5645	FFD62828	6DB969E2	00000000	0001B644	FF8C26A8	F678159D	2E	29	F678159D	4	
CLK 16	002029A7	E4F7C227	279402FE	EE7CACC8A	00000000	000036C9	FF8C26A8	F678159D	2E	28	F678159D	4	
CLK 17	FFCC79F8	C06A99EB	E340534F	C9EF844E	00000000	00006D93	FF8C26A8	F678159D	2E	27	F678159D	4	
CLK 18	000CD048	8A5A1E39	FF98F3F1	8D5533D6	00000000	00009326	FF8C26A8	F678159D	2E	26	F678159D	4	
CLK 19	FFA5C13A	0B2F520F	3F199A91	14B43C72	00000000	0001B644	FF8C26A8	F678159D	2E	25	F678159D	4	
CLK 20	FFB59CB3	1FE38E81	FF488274	165EA41E	00000000	00036C9A	FF8C26A8	F678159D	2E	24	F678159D	4	
CLK 21	FFF290ED	494C0765	FF7EB796	3CF71D02	00000000	0006D934	FF8C26A8	F678159D	2E	23	F678159D	4	
CLK 22	0058F331	9C1CF92D	FFE521DA	92980ECA	00000000	0008B268	FF8C26A8	F678159D	2E	22	F678159D	4	
CLK 23	003E1D0C	2EB577F7	F7B1F663	3839F25A	00000000	001B64D1	FF8C26A8	F678159D	2E	21	F678159D	4	
CLK 24	000860C1	53E52589	8B7C3A18	506A0FEE	00000000	0036C9A3	FF8C26A8	F678159D	2E	20	F678159D	4	
CLK 25	FF9CE828	9E456083	9310C182	47CA4816	00000000	006D9347	FF8C26A8	F678159D	2E	1F	F678159D	4	
CLK 26	FFADA94E	460FA8C9	FF39D057	3C8AC166	00000000	000B268E	FF8C26A8	F678159D	2E	1E	F678159D	4	
CLK 27	FFC22933	95A441F5	FF58535C	8C1F5792	00000000	01B64D1C	FF8C26A8	F678159D	2E	1D	F678159D	4	
CLK 28	0012328E	34CD6E4D	FF9E5967	2B4883EA	00000000	036C9A38	FF8C26A8	F678159D	2E	1C	F678159D	4	
CLK 29	FFB08C25	6015F237	3724657C	69ADC9A	00000000	06D93471	FF8C26A8	F678159D	2E	13	F678159D	4	
CLK 30	FFD4F1A1	C9B0CED1	FF61184A	C09284E6	00000000	0DB268E2	FF8C26A8	F678159D	2E	1A	F678159D	4	
CLK 31	001D9C9A	9CE68805	FFA9E343	93619DA2	00000000	1B64D1C4	FF8C26A8	F678159D	2E	19	F678159D	4	

TEST N°	FC	R	EW	RU1	EWU1							
FDL	18	5	A09CD39F	CE8C26A8	F4AQ17D3	F67B159D						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
CLK 32	FFC79FDE	304825A7	A73B7935	39CD100A	00000000	36C9A389	FF8C26A8	F67B159D	2E	18	F67B159D	4
CLK 33	00031913	6A1535B1	FF8F3FBC	60904B4E	00000000	6D334712	FF8C26A8	F67B159D	2E	17	F67B159D	4
CLK 34	FF9258CF	CAA580FF	FF063226	D42A6B62	00000000	DB268E25	FF8C26A8	F67B159D	2E	16	F67B159D	4
CLK 35	FF98A8A6	9ECFE6C1	FF24B19F	954B01FE	00000001	B64D1C4A	FF8C26A8	F67B159D	2E	15	F67B159D	4
CLK 36	FFA4EF44	4724C325	FF3115ED	3D9FD8C2	00000003	6C9A3894	FF8C26A8	F67B159D	2E	14	F67B159D	4
CLK 37	FFBDB7DF	97CE70AD	FF49DE88	8E49864A	00000006	D9347128	FF8C26A8	F67B159D	2E	13	F67B159D	4
CLK 38	FFEF4916	3921C8BD	FF7B6F8F	2F9CE15A	0000000D	B268E250	FF8C26A8	F67B159D	2E	12	F67B159D	4
CLK 39	00526B83	7BC881DD	FFDE922C	7243977A	0000001B	64D1C4A0	FF8C26A8	F67B159D	2E	11	F67B159D	4
CLK 40	0030FDAF	FE0C1957	57A4D706	F79103BA	00000036	C9A38941	FF8C26A8	F67B159D	2E	10	F67B159D	4
CLK 41	FFEE2208	D293484B	4B41F85F	DC1832AE	0000006D	93471283	FF8C26A8	F67B159D	2E	0F	F67B159D	4
CLK 42	00501D68	AEAB7AF9	FFDC4411	A5269096	000000DB	268E2506	FF8C26A8	F67B159D	2E	0E	F67B159D	4
CLK 43	002C617A	53D2088F	8FA03AD1	5D56F5F2	000001B6	4D1C4A0D	FF8C26A8	F67B159D	2E	0D	F67B159D	4
CLK 44	FFE4E99D	9E1F2CBB	B858C2F4	A7A4171E	0000036C	9A38941B	FF8C26A8	F67B159D	2E	0C	F67B159D	4
CLK 45	003DAC92	45C343D9	FFC9D33B	3C3E5976	000006D9	34712836	FF8C26A8	F67B159D	2E	0B	F67B159D	4
CLK 46	00077FCD	82019DAF	4F7B5924	88868782	00000B22	68E2506D	FF8C26A8	F67B159D	2E	0A	F67B159D	4
CLK 47	FF9B2643	F7AE503B	3B0EFF9B	A033A9E	00001864	01C4A0D9	FF8C26A8	F67B159D	2E	09	F67B159D	4
CLK 48	FFAA25DE	FE81A8D9	FF364C87	F4FCA076	000036C9	A38941B6	FF8C26A8	F67B159D	2E	08	F67B159D	4
CLK 49	FFC82515	06880015	FF544BBD	F0D315B2	00006D93	4712836C	FF8C26A8	F67B159D	2E	07	F67B159D	4
CLK 50	00042381	1694EA8D	FF904A2A	0D10002A	0000DB26	8E2506D8	FF8C26A8	F67B159D	2E	06	F67B159D	4
CLK 51	FF946DAB	2344EA87	B7084702	2D29D51A	0001B64D	1C4A0D81	FF8C26A8	F67B159D	2E	05	F67B159D	4
CLK 52	FF9CB4AD	50CEBF01	FF28D856	4749D56E	00C36C9A	38941B62	FF8C26A8	F67B159D	2E	04	F67B159D	4
CLK 53	FFA042B1	A8226A05	FF39695A	A19D7FA2	0006D934	712836C4	FF8C26A8	F67B159D	2E	03	F67B159D	4
CLK 54	FFCE5E9A	5FC9BE6D	FF5A8563	5644D40A	000DB268	E2506D88	FF8C26A8	F67B159D	2E	02	F67B159D	4
CLK 55	001096CB	C918673D	FF9CB074	BF937CDA	001364D1	C4A0DB10	FF8C26A8	F67B159D	2E	01	F67B159D	4
CLK 56	FFAD5440	88ABE417	17212D97	9230CE7A	0036C9A3	8941B621	FF8C26A8	F67B159D	2E	00	F67B159D	4
CLK 57	FFCE81D8	1ADC8293	FF5A84R1	1157C82E	006D9347	12836C42	FF8C26A8	F67B159D	2E	FF	F67B159D	4
CLK 58	00B268E	2506D884	FF9D03B0	35B96522	00D3268E	2506D884	FF8C26A8	F67B159D	2E	FE	F67B159D	4
PH 09	00B268E	2506D884	00D3268E	2506D884	00D3268E	2506D884	FF8C26A8	F67B159D	2E	FE	2506D884	4
PH 10	00B268E	2506D884	00D3268E	2506D884	00D3268E	2506D884	FF8C26A8	F67B159D	2E	FE	6LDB268E	4

TEST N°	FC	R	EW	RU1	EWU1							
FDL	19	5	F4E28A3D	08F74B3B	F7F9334E	2C6071B5						
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	03E28A3D	F6000000	00000000	00000000	00000000	00000000	00000000	00000000	2E	FE	E6E28A3D	4
PH 02	00F74B3B	08000000	FFE28A3D	E6000000	00000000	00000000	00000000	00000000	00	0C	08F74B3B	0
PH 03	FE83F02	11800000	FFE28A3D	19800000	00000000	00000000	00000000	00000000	00	0C	F7F9334E	0
PH 04	FE83F02	2C6071B5	FFE28A3D	F7F9334E	00000000	00000000	00F74B3B	08000000	11	0C	2C6071B5	0
PH 06	001D75C2	0806C4B2	FFE28A3D	F7F9334E	00000000	00000000	00F74B3B	2C6071B5	11	00	2C6071B5	0
PH 07	FF262A8E	DBA652F3	001D75C2	0806C4B2	00000000	00000000	00F74B3B	2C6071B5	11	00	2C6071B5	0
PH 08	001D75C2	0806C4B2	001D75C2	0806C4B2	00000000	00000000	00F74B3B	2C6071B5	11	37	2C6071B5	4
CLK 02	FFA3A048	E3AD17AF	003AE884	100D8964	00000000	00000000	00F74B3B	2C6071B5	11	36	2C6071B5	4
CLK 03	FF7E88CC	F3BA1113	FF874091	C75A2F5E	00000000	00000000	00F74B3B	2C6071B5	11	35	2C6071B5	4
CLK 04	FF462D55	13D583DB	FFFD1799	E7754226	00000000	00000000	00F74B3B	2C6071B5	11	34	2C6071B5	4
CLK 05	00E010E5	5408D96A	FFE8C5AA	27AB6786	00000000	00000000	00F74B3B	2C6071B5	11	33	2C6071B5	4
CLK 06	00C8D68F	78B74121	21C021CA	A817B2D6	00000000	00000001	00F74B3B	2C6071B5	11	32	2C6071B5	4
CLK 07	009A61E3	C80E108D	8D91AD1E	F76E8242	00000000	00000003	00F74B3B	2C6071B5	11	31	2C6071B5	4
CLK 08	00D788RC	69B8AF65	6534C3C7	941C211A	00000000	00000007	00F74B3B	2C6071B5	11	30	2C6071B5	4
CLK 09	FF83A5DD	A716F015	157AF118	D3775ECA	00000000	0000000F	00F74B3B	2C6071B5	11	2F	2C6071B5	4
CLK 10	FFE96F6	7A8F48DF	FF0743B8	4E2DDA2A	00000000	0000001E	00F74B3B	2C6071B5	11	2E	2C6071B5	4
CLK 11	00F49228	217D0973	FFFD2DEC	F51C978E	00000000	0000003C	00F74B3B	2C6071B5	11	2D	2C6071B5	4
CLK 12	00F1A715	1699A131	31E8F250	42FA12E6	00000000	00000079	00F74B3B	2C6071B5	11	2C	2C6071B5	4
CLK 13	00E0C2EF	00D2D0AD	ADE34E2A	2D334262	00000000	000000F3	00F74B3B	2C6071B5	11	2B	2C6071B5	4
CLK 14	00E0BAA2	D5452FA5	A5D8052E	01A5A15A	00000000	000001E7	00F74B3B	2C6071B5	11	2A	2C6071B5	4
CLK 15	00CA2A0A	7E29E095	95C17545	A8A85F4A	00000000	0000003F	00F74B3B	2C6071B5	11	29	2C6071B5	4
CLK 16	009D08D9	CF336975	75945414	FC53D82A	00000000	000007F9	00F74B3B	2C6071B5	11	28	2C6071B5	4
CLK 17	0042C678	73866135	353A11B3	9FE6D2EA	00000000	00000F3F	00F74B3B	2C6071B5	11	27	2C6071B5	4
CLK 18	FF8E4185	8AAC5085	85858CF0	E70CC26A	00000000	0001E7F	00F74B3B	2C6071B5	11	26	2C6071B5	4
CLK 19	0013CEA6	A189131F	FF1C836B	7558A16A	00000000	00003CFE	00F74B3B	2C6071B5	11	25	2C6071B5	4
CLK 20	FF305212	1711B489	89279D4D	4372263E	00000000	000079FD	00F74B3B	2C6071B5	11	24	2C6071B5	4
CLK 21	FF87E95F	5A83D0AC	FF60A424	2E236912	00000000	0000F3FA	00F74B3B	2C6071B5	11	23	2C6071B5	4
CLK 22	FFA729F9	E1682743	FFAFDEBE	B507B58E	00000000	0001E7F4	00F74B3B	2C6071B5	11	22	2C6071B5	4
CLK 23	00459F2E	EF30C039	FF4E53F3	C2D04E86	00000000	0003CFE8	00F74B3B	2C6071B5	11	21	2C6071B5	4
CLK 24	FF93F322	R2010EC1	C18B3E5D	DE618076	00000000	00079FD1	00F74B3B	2C6071B5	11	20	2C6071B5	4
CLK 25	001F3190	90628F37	FF27E645	64021082	00000000	000F3FA2	00F74B3B	2C6071B5	11	1F	2C6071B5	4
CLK 26	FF4717C5	F464ACB9	B93E6301	20C51E6E	00000000	001E7F45	00F74B3B	2C6071B5	11	1E	2C6071B5	4
CLK 27	FF857AC7	1529CB27	FF8E2F8B	E8C95972	00000000	003CFE8A	00F74B3B	2C6071B5	11	1D	2C6071B5	4
CLK 28	000240C9	56B40803	F0AF58E	2A53964E	00000000	0079FD14	00F74B3B	2C6071B5	11	1C	2C6071B5	4
CLK 29	FFD0365F	A1079E51	51048192	AD681006	00000000	00F3FA29	00F74B3B	2C6071B5	11	1B	2C6071B5	4
CLK 30	FF11B7FA	2E6FAF57	FF1A6CAF	020F3CA2	00000000	01E7FA52	00F74B3B	2C6071B5	11	1A	2C6071B5	4
CLK 31	FF1AB80F	893FCE63	FF236F04	5CDF5CAE	00000000	03CFE8A4	00F74B3B	2C6071B5	11	19	2C6071B5	4

TEST	NB	FC	R	EW	RU1	EWU1									
FOL	19	5	E6E28A3D	08F74B3B	F7F93B4E	2C6071B5									
CYCLE	S	(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP			
CLK 32	FF2CC15A	3E0E0E78	FF35761F	127F9CC6	00000000	079FD148	00F7483B	2C6071B5	11	18	2C6071B5	4			
CLK 33	FF50CDEF	AA208EAB	FF5982B4	7DC01CF6	00000000	0F3FA290	00F7483B	2C6071B5	11	17	2C6071B5	4			
CLK 34	FF98E71A	80A18F0F	FFA19BDF	54411D56	00000000	1E7F4520	00F7483B	2C6071B5	11	16	2C6071B5	4			
CLK 35	00291970	2DA38FCB	FF31CE35	01431E16	00000000	3CFE8A40	00F7483B	2C6071B5	11	15	2C6071B5	4			
CLK 36	FF5AE7A5	2EE6ADE1	E15232E0	5B471F96	00000000	79FD1481	00F7483B	2C6071B5	11	14	2C6071B5	4			
CLK 37	FFAD1A85	8A2DC077	FFB5CF4A	5DCD58C2	00000000	F3FA2902	00F7483B	2C6071B5	11	13	2C6071B5	4			
CLK 38	00518046	408C0CA3	FF5A350B	145B9AEE	00000001	E7F45204	00F7483B	2C6071B5	11	12	2C6071B5	4			
CLK 39	FFA8B551	5517A791	91A3008C	81781946	00000003	CFE8A409	00F7483B	2C6071B5	11	11	2C6071B5	4			
CLK 40	004E85DD	D68FC0D7	FF576AA2	AA2F4F22	00000007	9FD14812	00F7483B	2C6071B5	11	10	2C6071B5	4			
CLK 41	FFA62080	80BFC0F9	F99D688B	AD1F81AE	0000000F	3FA29025	00F7483B	2C6071B5	11	0F	2C6071B5	4			
CLK 42	00438C3C	2DDE91A7	FF4C4101	017E1FF2	0000001E	7F45204A	00F7483B	2C6071B5	11	0E	2C6071B5	4			
CLK 43	FF8FC0D3	2F5C8199	99871878	58BD234E	0000003C	FE8A4095	00F7483B	2C6071B5	11	0D	2C6071B5	4			
CLK 44	0016E595	8B19D4E7	FF1F9A7A	5E896332	00000079	FD14812A	00F7483B	2C6071B5	11	0C	2C6071B5	4			
CLK 45	FF36802F	E9D33819	192DC96B	1633A9CE	000000F3	FA290255	00F7483B	2C6071B5	11	0A	2C6071B5	4			
CLK 46	FF6448B9	0006E1E7	FF6D005F	29A67032	000001E7	F45204AA	00F7483B	2C6071B5	11	0A	2C6071B5	4			
CLK 47	FFBFE271	2C6E3583	FFC89736	0000C3CE	000003CF	E8A40954	00F7483B	2C6071B5	11	09	2C6071B5	4			
CLK 48	0077101D	853C0CBB	FF7FC4E2	58DC6806	0000079F	D14812A8	00F7483B	2C6071B5	11	08	2C6071B5	4			
CLK 49	FFF6D4FF	DE1947C1	C1EE203B	0A798976	00000F3F	A2902551	00F7483B	2C6071B5	11	07	2C6071B5	4			
CLK 50	00E4F53A	E8930137	FFEDA9F7	9C328F82	00001E7F	45204AA2	00F7483B	2C6071B5	11	06	2C6071B5	4			
CLK 51	00D29F3A	A4C590B9	99C9EA75	D126026E	00003CFE	8A409545	00F7483B	2C6071B5	11	05	2C6071B5	4			
CLK 52	00ADF37A	1D2AAFRD	BDA53E75	49882172	000079FD	14812A8B	00F7483B	2C6071B5	11	04	2C6071B5	4			
CLK 53	00649839	0DF4EDC5	C55BE674	3A555F7A	00000F3A	29025517	00F7483B	2C6071B5	11	03	2C6071B5	4			
CLK 54	00DF1836	EF8969D5	D5C93672	18E9DB8A	0001E7F4	5204AA2F	00F7483B	2C6071B5	11	02	2C6071B5	4			
CLK 55	009B21A9	0373455F	FFA3D66D	DF12D3AA	0003CFE8	A409545E	00F7483B	2C6071B5	11	01	2C6071B5	4			
CLK 56	007EF816	FA861909	09364352	16E68ABE	00079FD1	4812A8BD	00F7483B	2C6071B5	11	00	2C6071B5	4			
CLK 57	FFR6A4F2	A8AB0C5D	5D7DF02D	D50C3212	000F3FA2	9025517B	00F7483B	2C6071B5	11	FF	2C6071B5	4			
CLK 58	001E7F45	2D4AA2F6	FFD049E5	515780BA	001E7F45	204AA2F6	00F7483B	2C6071B5	11	FE	2C6071B5	4			
PH 09	FFE180BA	DFB55D0A	001E7F45	204AA2F6	001E7F45	204AA2F6	00F7483B	2C6071B5	11	FE	DFB55D0A	4			
PH 10	FFE180BA	DFB55D0A	001E7F45	204AA2F6	001E7F45	204AA2F6	00F7483B	2C6071B5	11	FE	AEE180BA	4			

TEST	NB	FC	R	EW	RU1	EWU1									
FOL	20	5	47E95A3F	F6F22A4F	690B7C52	F29405E9									
CYCLE	S	(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP			
PH 01	00E95A3F	47000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	EE	FE	47E95A3F	4		
PH 02	03F22A4F	E6000000	00E95A3F	07000000	00000000	00000000	00000000	00000000	00000000	00	00	E6F22A4F	0		
PH 03	00B8848F	2E000000	00E95A3F	47800000	00000000	00J00000	FFF22A4F	F6800000	00	00	690B7C52	0			
PH 04	00B8848F	F29405E9	00E95A3F	690B7C52	00000000	00J00000	FFF22A4F	E6800000	2E	00	F29405E9	1			
PH 05	FFF22A4F	F29405E9	00E95A3F	690B7C52	00000000	00J00000	FFF22A4F	F29405E9	2E	00	F29405E9	0			
CLK 02	FFF22A4F	F29405E9	FFF22A4F	F29405E9	00000000	00J00000	00E95A3F	690B7C52	2F	00	F29405E9	1			
CLK 06	00F95A3F	690B7C52	FFF22A4F	F29405E9	00000000	00J00000	00F95A3F	690B7C52	2F	00	F29405E9	0			
PH 07	0003FF3E	9249D4F2	00E95A3F	690B7C52	00000000	00J00000	FFF22A4F	F29405E9	2F	00	F29405E9	2			
PH 08	00E95A3F	690B7C52	00E95A3F	690B7C52	00000000	00J00000	FFF22A4F	F29405E9	2F	37	F29405E9	0			
PH 08	000E95A3	F690B7C5	000E95A3	F690B7C5	00000000	00J00000	FFF22A4F	F29405E9	30	37	F29405E9	4			
CLK 02	FFF22A4F	1661CE1A	001D2347	ED216F8A	00400000	00000000	FFF22A4F	F29405E9	30	36	F29405E9	4			
CLK 03	FF5FCB8F	03833DA4	FF7FA08E	2CC39C34	00800000	00J00000	FFF22A4F	F29405E9	30	35	F29405E9	4			
CLK 04	FF97521E	DDC61CB9	FFB9F71E	07067849	00000000	00000000	FFF22A4F	F29405E9	30	34	F29405E9	4			
CLK 05	0003FF3E	9249D4F2	FFF22A4F	F29405E9	00000000	00J00000	FFF22A4F	F29405E9	30	33	F29405E9	4			
CLK 06	FF3AA37C	4DD81454	5417FE7D	249735C4	00000000	00000001	FFF22A4F	F29405E9	30	32	F29405E9	4			
CLK 07	FF52A1F9	726FCA13	FF7546F8	998028A8	00000000	00J00000	FFF22A4F	F29405E9	30	31	F29405E9	4			
CLK 08	FFR29EF3	B89F35A7	FFA543F2	E4DF943D	00000000	00000004	FFF22A4F	F29405E9	30	30	F29405E9	4			
CLK 09	FFE298E8	4DFE0CB0	FF053D57	773E684D	00000000	00000008	FFF22A4F	F29405E9	30	2F	F29405E9	4			
CLK 10	00A28CD1	728BBAD0	FFC531D0	98FC1960	00000000	00000010	FFF22A4F	F29405E9	30	2E	F29405E9	4			
CLK 11	00678EA2	0EB7D43D	304519A2	E57775A0	00000000	00000021	FFF22A4F	F29405E9	30	2D	F29405E9	4			
CLK 12	FFF22A4F	46B006F0	F0CF7D44	1D6FA86D	00000000	00000043	FFF22A4F	F29405E9	30	2C	F29405E9	4			
CLK 13	00C19F87	641F4F57	FFE44486	8D600D0E	00000000	00J00000	FFF22A4F	F29405E9	30	2B	F29405E9	4			
CLK 14	00A5E40D	17FB0D37	30833F0E	C93F5EA0	00000000	00J0010D	FFF22A4F	F29405E9	30	2A	F29405E9	4			
CLK 15	00A66D18	0C3F08F0	F049C81B	E2FF7A60	00000000	00000213	FFF22A4F	F29405E9	30	29	F29405E9	4			
CLK 16	FFF77F35	41C10702	70DCDA36	187FB1E0	00000000	00J00C47	FFF22A4F	F29405E9	30	28	F29405E9	4			
CLK 17	00DC968B	5A3FC250	FFFEFE6A	838020E0	00000000	00J0086E	FFF22A4F	F29405E9	30	27	F29405E9	4			
CLK 18	00D857D5	DD3FE330	30B8B2D6	847F84A0	00000000	000010DD	FFF22A4F	F29405E9	30	26	F29405E9	4			
CLK 19	0009544A	E4C024F0	F0B6AFA8	897FC660	00000000	0000218B	FFF22A4F	F29405E9	30	25	F29405E9	4			
CLK 20	00054E54	F2C0487D	70B2A955	C98049E0	00000000	00J03477	FFF22A4F	F29405E9	30	24	F29405E9	4			
CLK 21	00C041A9	3EC1AF7D	70AA9CA9	E88150E0	00000000	000086FF	FFF22A4F	F29405E9	30	23	F29405E9	4			
CLK 22	00802851	06C38D7D	709A8352	15835EE0	00000000	00010DDF	FFF22A4F	F29405E9	30	22	F29405E9	4			
CLK 23	009CF5A1	96C7D97D	707A50A2	8D877AED	00000000	00021B8F	FFF22A4F	F29405E9	30	21	F29405E9	4			
CLK 24	005C9D42	3BD0117D	7039E843	6D8FB2E0	00000000	0004377F	FFF22A4F	F29405E9	30	20	F29405E9	4			
CLK 25	FFD8C584	56E08170	70B92D85	2DAD22E0	00000000	00086E9F	FFF22A4F	F29405E9	30	1F	F29405E9	4			
CLK 26	0094E609	84804450	FFB78B08	80C102E0	00000000	0010DDFF	FFF22A4F	F29405E9	30	1E	F29405E9	4			
CLK 27	004C7112	3241A73D	3029CC13	090148A0	00000000	002189FD	FFF22A4F	F29405E9	30	1D	F29405E9	4			
CLK 28	FFB88723	8DC3ACF0	F098E224	64834E60	00000000	004377FB	FFF22A4F	F29405E9	30	1C	F29405E9	4			

SIGMA 5 FLOATING POINT SIMULATOR

TEST N°	FC	R	EW	RU1	EWU1									
FDL	20	5	47E95A3F	E6F22A4F	690B7C52	F29405E9								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
CLK 29	00546947	F246FB50	FF770E47	1B8759E0	00000000	0086EFF6	FF22A4FF	29405E90	30	1B	F29405E9	4		
CLK 30	FFCB778F	ODCE5530	30A8D28F	E48DF6A0	00000000	010DDFED	FF22A4FF	29405E90	30	1A	F29405E9	4		
CLK 31	0074441E	F25C4BD0	FF96EF1E	1B9CAA60	00000000	021BBFDA	FF22A4FF	29405E90	30	19	F29405E9	4		
CLK 32	000B393D	ODF8F630	30E8943D	E4B897A0	00000000	04377FB5	FF22A4FF	29405E90	30	18	F29405E9	4		
CLK 33	FF391779	45324AF0	F016727A	1BF1EC60	00000000	086EFF6B	FF22A4FF	29405E90	30	17	F29405E9	4		
CLK 34	FF4F89F3	61243750	FF722EF2	8A6495E0	00000000	10DDFD66	FF22A4FF	29405E90	30	16	F29405E9	4		
CLK 35	FF7C6EE7	99081010	FF9F13E6	C2486EA0	00000000	21B8FDAC	FF22A4FF	29405E90	30	15	F29405E9	4		
CLK 36	FFD638D0	08CFC190	FFF8DDCF	32102020	00000000	4377FB58	FF22A4FF	29405E90	30	14	F29405E9	4		
CLK 37	0089CCA0	E85F2490	FFAC71A0	119F8320	00000000	86E6FF6B0	FF22A4FF	29405E90	30	13	F29405E9	4		
CLK 38	00363E40	F9FAE7B0	B0139941	D08E4920	00000001	0DDFED61	FF22A4FF	29405E90	30	12	F29405E9	4		
CLK 39	FFAF2181	1D3DADF0	F06C7C81	F3FD4F60	00000002	18B8FDAC3	FF22A4FF	29405E90	30	11	F29405E9	4		
CLK 40	FFB9E003	113AFD50	FF1E4302	3A785B80	00000004	377FB586	FF22A4FF	29405E90	30	10	F29405E9	4		
CLK 41	00049706	F9359C10	FFF73C06	2275FAA0	00000008	6EFF6B0C	FF22A4FF	29405E90	30	0F	F29405E9	4		
CLK 42	00C8D30D	19A896B0	B0A92E0D	F2683820	00000010	DDFED619	FF22A4FF	29405E90	30	0E	F29405E9	4		
CLK 43	00A4A819	60978BF0	F097A61A	37572D60	00000021	8B8FDAC33	FF22A4FF	29405E90	30	0D	F29405E9	4		
CLK 44	00973B31	E46F7670	70749632	C12F17E0	00000043	77FB5867	FF22A4FF	29405E90	30	0C	F29405E9	4		
CLK 45	00511B62	FE1F4B70	702E7663	D4DEECE0	00000086	E6FF6B0CF	FF22A4FF	29405E90	30	0B	F29405E9	4		
CLK 46	FFC4DBC5	257E570	70A236C5	FC3E96E0	0000010D	DFE0619F	FF22A4FF	29405E90	30	0A	F29405E9	4		
CLK 47	0067128B	21B89C50	FF89B78A	4AFDEAE0	0000021B	8FDAC33E	FF22A4FF	29405E90	30	09	F29405E9	4		
CLK 48	FFFOCA15	6CB87730	30CE2516	437B18A0	00000437	7FB5867D	FF22A4FF	29405E90	30	08	F29405E9	4		
CLK 49	00BEEF2B	B036AFD0	FFE1942A	D976EE60	0000086E	FF6B0CFA	FF22A4FF	29405E90	30	07	F29405E9	4		
CLK 50	00A0B356	89AD7E30	307DD5E7	606D1FA0	000010DD	FED619F5	FF22A4FF	29405E90	30	06	F29405E9	4		
CLK 51	0063A8AC	3CB85AF0	F04106AD	135AF6C0	000021BB	F8AC33E3	FF22A4FF	29405E90	30	05	F29405E9	4		
CLK 52	FFB9E003	A2771470	70C75758	7936B5E0	00004377	F85867D7	FF22A4FF	29405E90	30	04	F29405E9	4		
CLK 53	00815390	1BADC450	FFD3F8AF	44EE28E0	000086EF	F680CFAD	FF22A4FF	29405E90	30	03	F29405E9	4		
CLK 54	00854C5F	609BF330	3062A760	375B94A0	00010DDF	ED619F5D	FF22A4FF	29405E90	30	02	F29405E9	4		
CLK 55	002D308D	E7A844F0	F00A98BE	C137E660	00021B8F	DAC33EBB	FF22A4FF	29405E90	30	01	F29405E9	4		
CLK 56	FF7D207A	FE30E870	705A737B	D4F089E0	0004377F	B5867D77	FF22A4FF	29405E90	30	00	F29405E9	4		
CLK 57	FFD798F6	D3217250	FFFA40F5	FC61D0E0	000866FF	6B0CFAD	FF22A4FF	29405E90	30	FF	F29405E9	4		
CLK 58	0010DDFE	D619F5DC	FFAF37ED	A642E4A0	0010DDFE	D619F5DC	FF22A4FF	29405E90	30	FE	F29405E9	4		
PH 09	FFFF2201	29E60A24	0010DDFE	D619F5DC	0010DDFE	D619F5DC	FF22A4FF	29405E90	30	FE	29E60A24	4		
PH 10	FFFF2201	29E60A24	0010DDFE	D619F5DC	0010DDFE	D619F5DC	FF22A4FF	29405E90	CF	FE	8FEF2201	4		

SIGMA 5 FLOATING POINT SIMULATOR

TEST N°	FC	R	EW	RU1	EWU1									
FDL	21	5	AE58B190	2D3297C8	C237DAC1	77532167								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	0358B190	AE000000	00000000	00000000	00000000	00000000	00000000	00000000	CF	FE	AE58B190	4		
PH 02	003297C8	2D000000	FF58B190	AE000000	00000000	00000000	00000000	00000000	00	00	2D3297C8	0		
PH 03	FF2619C8	24800000	FF58B190	51800000	00000000	00000000	003297C8	2D000000	00	00	C237DAC1	0		
PH 04	FF2619C8	77532167	FF58B190	C237DAC1	00000000	00000000	003297C8	2D000000	24	00	77532167	0		
PH 05	00A74E6F	3DC8253F	FF58B190	C237DAC1	00000000	00000000	003297C8	77532167	24	00	77532167	0		
PH 07	0074B6A6	C67503D8	00A74E6F	3DC8253F	00000000	00000000	003297C8	77532167	24	00	77532167	2		
PH 08	00A74E6F	3DC8253F	00A74E6F	3DC8253F	00000000	00000000	003297C8	77532167	24	37	77532167	0		
PH 08	00A74E6F	F3DC8253	00A74E6F	F3DC8253	00F00000	00000000	003297C8	77532167	25	37	77532167	4		
CLK 02	FFE25205	7065E340	0014E9CD	E7B90478	00E30000	00000000	003297C8	77532167	25	36	77532167	4		
CLK 03	FFF738D3	581EE7E8	FFC4A40A	F0C8C681	00C00000	00000000	003297C8	77532167	25	35	77532167	4		
CLK 04	00210F6F	2790F138	FFEE77A6	H03DCFD1	00800000	00000000	003297C8	77532167	25	34	77532167	4		
CLK 05	000F8715	D7CEC10A	0A421E0E	4F21E271	00000000	00000001	003297C8	77532167	25	33	77532167	4		
CLK 06	FFEC7663	384A60AD	AD1F0E28	AF9D8214	00000000	00000000	003297C8	77532167	25	32	77532167	4		
CLK 07	0009848E	E7E7E2C1	FFD8ECC6	7094C15A	00000000	00000006	003297C8	77532167	25	31	77532167	4		
CLK 08	FFE47155	587CA419	1B17091D	CFCFC582	00000000	00000000	003297C8	77532167	25	30	77532167	4		
CLK 09	FFF97A73	284C699D	FFC8E2AA	9D979483	00000000	0000001A	003297C8	77532167	25	2F	77532167	4		
CLK 10	00298CAE	C7E9F4A1	FFF6F4E6	5098D33A	00000000	00000034	003297C8	77532167	25	2E	77532167	4		
CLK 11	0020A195	1884C7D8	D853195D	8FD7E942	00000000	00000069	003297C8	77532167	25	2D	77532167	4		
CLK 12	0006162B	04E19D41	4F41032A	31098FB6	00000000	00000D3C	003297C8	77532167	25	2C	77532167	4		
CLK 13	FFFA3EFA	FC198837	371CD6C3	736C0C9E	00000000	000001A7	003297C8	77532167	25	2B	77532167	4		
CLK 14	000715BE	6F8697D5	FFD47DF5	F833766E	00000000	0000034E	003297C8	77532167	25	2A	77532167	4		
CLK 15	FFD93934	67BA0E43	430E2B7C	7F0D2FAA	00000000	0000069D	003297C8	77532167	25	29	77532167	4		
CLK 16	FFE98F31	46C730ED	FFB72768	CF741C86	00000000	0000003A	003297C8	77532167	25	28	77532167	4		
CLK 17	0006162B	04E19D41	FFD37E62	8D8E78DA	00000000	00001A74	003297C8	77532167	25	27	77532167	4		
CLK 18	FFD9948D	92701918	130C2C56	09C33A82	00000000	000034E9	003297C8	77532167	25	26	77532167	4		
CLK 19	FFE5C0E3	9C335390	FFB32918	P4E03236	00000000	000069D2	003297C8	77532167	25	25	77532167	4		
CLK 20	FFFE198F	AFB9C8A1	FFCB81C7	3866A73A	00000000	0000D344	003297C8	77532167	25	24	77532167	4		
CLK 21	002ECAE7	06C6B2A9	FFFC331F	5F739142	00000000	0001A748	003297C8	77532167	25	23	77532167	4		
CLK 22	002AF607	363A43EB	E85D95CF	A08D6552	00000000	00034E91	003297C8	77532167	25	22	77532167	4		
CLK 23	00236445	F521666F	6F55FC0E	6C7487D6	00000000	00069D23	003297C8	77532167	25	21	77532167	4		
CLK 24	001430C3	72EFA877	7746C888	EA42CC02	00000000	000D3A47	003297C8	77532167	25	20	77532167	4		
CLK 25	0FF5C9BE	6E8C3587	87286186	E5DF56EE	00000000	001A748F	003297C8	77532167	25	1F	77532167	4		
CLK 26	001E2B45	54698C75	FFEB937C	D018680E	00000000	001478F6	003297C8	77532167	25	1E	77532167	4		
CLK 27	00098EC2	3183F783	833C568A	A8D718EA	00000000	0069D23D	003297C8	77532167	25	1D	77532167	4		
CLK 28	FFE0E5B0	E8B4C0F9	9F137D8A	6307EF06	00000000	00D3A47B	003297C8	77532167	25	1C	77532167	4		
CLK 29														

Table with columns: TEST Nbr, FC, R, EW, RU1, EWU1, and multiple columns of data values. Includes labels like CLK 31, CLK 32, etc., and PH 09, PH 10.

Table with columns: TEST Nbr, FC, R, EW, RU1, EWU1, and multiple columns of data values. Includes labels like PH 01, PH 02, etc., and CLK 31, CLK 32, etc.

TEST FDL	NB 22	FC 5	R E0FC7F1C	EW FAC41382	RU1 253F7EA9	EWU1 446E28CA	D(46-71)	D(00-31)	E	F	FP	SW
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
CLK 31	FFC5990C	CA4C762E	2E01858A	85DE4D64	00000000	1DEF31E5	FFC41382	446E28CA	19	19	446E28CA	4
CLK 32	FFC71F97	502AC392	FF883219	9498EC5C	00000000	380E63CA	FFC41382	446E28CA	19	18	446E28CA	4
CLK 33	FFC429AC	5B7E5E5A	FF8E3D2E	A0558724	00000000	778CC794	FFC41382	446E28CA	19	17	446E28CA	4
CLK 34	FFD03FD6	736093EA	FF945358	B7CEBC84	00000000	EF798F28	FFC41382	446E28CA	19	16	446E28CA	4
CLK 35	FFDC6C2A	A252FF0A	FFA07FAC	E6C127D4	00000001	DEF31E50	FFC41382	446E28CA	19	15	446E28CA	4
CLK 36	FFF4C4D3	0037D54A	FF88D855	44A5FE14	00000003	BDE63CA0	FFC41382	446E28CA	19	14	446E28CA	4
CLK 37	00257623	5C0181CA	FFE989A6	006FAA94	00000007	78CC7940	FFC41382	446E28CA	19	13	446E28CA	4
CLK 38	000E7FC9	8C712C5E	5E4AEC47	78030394	0000000E	F798F281	FFC41382	446E28CA	19	12	446E28CA	4
CLK 39	FPE21315	B0508186	861DFF93	78E2588C	0000001D	EF31E503	FFC41382	446E28CA	19	11	446E28CA	4
CLK 40	000012A9	3632DA42	FFC42628	7AA1030C	0000003B	DE63CA06	FFC41382	446E28CA	19	10	446E28CA	4
CLK 41	FFC438D4	90D3DD42	4E002552	6C65B484	00000077	BCC7940D	FFC41382	446E28CA	19	0F	446E28CA	4
CLK 42	FFC445E7	1D3991D2	FF8871A9	61A7BA9C	000000FF	798F281A	FFC41382	446E28CA	19	0E	446E28CA	4
CLK 43	FFC4A8C8	F604FADA	FF88BC4E	3A7323A4	000001DE	F31E5034	FFC41382	446E28CA	19	0D	446E28CA	4
CLK 44	FFC53E15	A798CCFA	FF895197	EC09F5B4	000003B9	E63CA068	FFC41382	446E28CA	19	0C	446E28CA	4
CLK 45	FFC668A9	0AC9710A	FF8A7C2B	4F3799D4	0000077B	CC7940D0	FFC41382	446E28CA	19	0B	446E28CA	4
CLK 46	FFC8BDC9	D124B94A	FF8CD152	1592E214	00000E75	98F281A0	FFC41382	446E28CA	19	0A	446E28CA	4
CLK 47	FFCD681D	5DD849CA	FF91739F	A2497294	00001DEF	31E50340	FFC41382	446E28CA	19	09	446E28CA	4
CLK 48	FFD6B8C8	77486ACA	FF9AD03A	BBB69394	00003BDE	63CA0680	FFC41382	446E28CA	19	08	446E28CA	4
CLK 49	FFE965E5	AA22ACCA	FFAD7970	EE90D594	000077BC	C7940D00	FFC41382	446E28CA	19	07	446E28CA	4
CLK 50	000EB85B	0FD730CA	FFD2CBDD	54455994	0000EF79	8F281A00	FFC41382	446E28CA	19	06	446E28CA	4
CLK 51	FFE18438	641C8A5E	5E1D70B6	1FAE6194	0001DEF3	1E503401	FFC41382	446E28CA	19	05	446E28CA	4
CLK 52	FFF4E4E4	83CAEBF2	FFC30870	C839148C	0003BDE6	3CA06802	FFC41382	446E28CA	19	04	446E28CA	4
CLK 53	0039D65A	C327AF1A	FFE7DE9D	0795D7E4	00077BCC	7940D004	FFC41382	446E28CA	19	03	446E28CA	4
CLK 54	0037C037	CABD86FE	FE73AC95	864F5E34	000EF798	F281A009	FFC41382	446E28CA	19	02	446E28CA	4
CLK 55	0039393F	D9E936C6	C66F806F	95780DFC	001DEF31	E5034013	FFC41382	446E28CA	19	01	446E28CA	4
CLK 56	002B3B65	F8409656	566727E3	B3D26D8C	003BDE63	CA068027	FFC41382	446E28CA	19	00	446E28CA	4
CLK 57	001A8A5E	34EF5576	765676CB	F0812CAC	0077BCC7	940D004F	FFC41382	446E28CA	19	FF	446E28CA	4
CLK 58	00EF798F	281A009F	8635149C	69DEAAEC	00EF798F	281A009F	FFC41382	446E28CA	19	FE	446E28CA	4
PH 09	00EF798F	281A009F	00EF798F	281A009F	00EF798F	281A009F	FFC41382	446E28CA	19	FE	281A009F	4
PH 10	00EF798F	281A009F	00EF798F	281A009F	00EF798F	281A009F	FFC41382	446E28CA	19	FE	59EF798F	4

TEST FDL	NB 23	FC 5	R 67B5C610	EW 3D7182C6	RU1 67B980C1	EWU1 135BDF7D	D(46-71)	D(00-31)	E	F	FP	SW
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	00B5C610	67000000	00000000	00000000	00000000	00000000	00000000	00000000	19	FE	67B5C610	4
PH 02	007182C6	3D000000	00B5C610	67000000	00000000	00000000	00000000	00000000	00	00	3D7182C6	0
PH 03	0044434A	2A800000	00B5C610	67800000	00000000	00000000	007182C6	3D000000	00	00	67B980C1	0
PH 04	0044434A	135BDF7D	00B5C610	679800C1	00000000	00000000	007182C6	3D000000	2A	00	135BDF7D	0
PH 06	00B5C610	67B980C1	00B5C610	67B980C1	00000000	00000000	007182C6	135BDF7D	2A	00	135BDF7D	0
PH 07	0044434A	545D9A14	00B5C610	67B980C1	00000000	00000000	007182C6	135BDF7D	2A	00	135BDF7D	2
PH 08	00B5C610	67B980C1	00B5C610	67B980C1	00000000	00000000	007182C6	135BDF7D	2A	37	135BDF7D	0
PH 08	000B5C610	067B980C	000B5C610	067B980C	00100000	00000000	007182C6	135BDF7D	2B	37	135BDF7D	4
CLK 02	FFA535F3	F98B5098	0016B8C2	0CF73018	00200000	00000000	007182C6	135BDF7D	2B	36	135BDF7D	4
CLK 03	FF8BEE8E	069280B3	FF4A69F7	F336A136	00400000	00000000	007182C6	135BDF7D	2B	35	135BDF7D	4
CLK 04	FFE96042	20800E03	FF77D07C	0D250166	08000000	00000000	007182C6	135BDF7D	2B	34	135BDF7D	4
CLK 05	0044434A	545D9A14	FFD2C084	4101C1C7	00000000	00000000	007182C6	135BDF7D	2B	33	135BDF7D	4
CLK 06	001703CE	955F6705	08888694	488B4288	00000000	00000001	007182C6	135BDF7D	2B	32	135BDF7D	4
CLK 07	FF8C84D7	1762E699	992E079D	2ABEC616	00000000	00000003	007182C6	135BDF7D	2B	31	135BDF7D	4
CLK 08	FPEA8C74	4221ACAF	FF7909AE	2EC5C032	00000000	00000006	007182C6	135BDF7D	2B	30	135BDF7D	4
CLK 09	00469BAE	979F38D8	FFD518F8	8443595E	00000000	00000000	007182C6	135BDF7D	2B	2F	135BDF7D	4
CLK 10	00188497	1BE29239	398D375D	2F3E7186	00000000	00000019	007182C6	135BDF7D	2B	2E	135BDF7D	4
CLK 11	FFC5E6A8	246944F5	F537692E	37C52472	00000000	00000033	007182C6	135BDF7D	2B	2D	135BDF7D	4
CLK 12	FFD4F96	5C2E6967	FF88CC70	48D289EA	00000000	00000066	007182C6	135BDF7D	2B	2C	135BDF7D	4
CLK 13	006C21F2	CBB8B24B	FFFA9F2C	B35CD2CE	00000000	000000CC	007182C6	135BDF7D	2B	28	135BDF7D	4
CLK 14	0066C11F	84158519	19D843E5	97716496	00000000	00000199	007182C6	135BDF7D	2B	2A	135BDF7D	4
CLK 15	005BFF78	F4CF2A85	B5CD823F	0A290A32	00000000	00000333	007182C6	135BDF7D	2B	29	135BDF7D	4
CLK 16	00467C2B	064275FD	EDB7FEF1	E99E556A	00000000	00000667	007182C6	135BDF7D	2B	28	135BDF7D	4
CLK 17	00137591	99290CF5	5D8CF857	AC84E9DA	00000000	000000CF	007182C6	135BDF7D	2B	27	135BDF7D	4
CLK 18	FFC568F0	1FF63930	3D36E323	325218BA	00000000	0000199F	007182C6	135BDF7D	2B	26	135BDF7D	4
CLK 19	FFFC53A0	514851F7	FFRAD09A	3DECF27A	00000000	0000333E	007182C6	135BDF7D	2B	25	135BDF7D	4
CLK 20	006A79C6	B5EC8368	FF8A700A	A290A3EE	00000000	0000667C	007182C6	135BDF7D	2B	24	135BDF7D	4
CLK 21	0062D0C7	587D2759	59D4538D	6B0906D6	00000000	0000CCF3	007182C6	135BDF7D	2B	23	135BDF7D	4
CLK 22	00541EC8	9D9E6F35	3C55A18E	B7FA4EB2	00000000	000199F9	007182C6	135BDF7D	2B	22	135BDF7D	4
CLK 23	0036BACB	276FEED0	EDA83091	333CDE6A	00000000	000333E7	007182C6	135BDF7D	2B	21	135BDF7D	4
CLK 24	FF8BF2D0	3C641E50	5D6D7596	4FC1FD6A	00000000	000667CF	007182C6	135BDF7D	2B	20	135BDF7D	4
CLK 25	00696846	8C281C37	FFF7E5A0	78CC3CBA	00000000	000CCF9E	007182C6	135BDF7D	2B	1F	135BDF7D	4
CLK 26	00614E07	04F458F1	F1D2D0CD	1850386E	00000000	00199F3D	007182C6	135BDF7D	2B	1E	135BDF7D	4
CLK 27	00511947	F68CD265	65C29C0E	90E8B1E2	00000000	00333E73	007182C6	135BDF7D	2B	1C	135BDF7D	4
CLK 28	0003A0CF	D98DCE5D	4DA2328F	ED19A4CA	00000000	00067CF7	007182C6	135BDF7D	2B	1C	135BDF7D	4
CLK 29	FFEFDCDD	401FAR1D	1D615F93	B378A89A	00000000	00CCFE9F	007182C6	135BDF7D	2B	1B	135BDF7D	4
CLK 30	00513C61	539B3587	FFDFH99B	403F563A	00000000	0199F3DE	007182C6	135BDF7D	2B	1A	135BDF7D	4

Table with columns: TEST Nbr, FC, R, EW, RU1, EWU1, CYCLE, S, S, A, A, B, B, D, D, E, F, FP, SW. Rows include CLK 31 through PH 10.

Table with columns: TEST Nbr, FC, R, EW, RU1, EWU1, CYCLE, S, S, A, A, B, B, D, D, E, F, FP, SW. Rows include PH 01 through CLK 30.

TEST NO FDL	FC	R	EW	RUI	EWU1							
24	5	93AE1B05	26106573	F1A3C842	59D73C28							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
CLK 31	FFF8311C	A5194498	FFE7CBA9	49440870	00000000	09FD4864	00106573	59D73C28	3F	19	59D73C28	4
CLK 32	0000C7AC	A400C558	FFF06239	4A368930	00000000	13FA90C8	00106573	59D73C28	3F	18	59D73C28	4
CLK 33	FFF129E5	EE444E88	88018F59	48188A80	00000000	27F52191	00106573	59D73C28	3F	17	59D73C28	4
CLK 34	FFF2B93F	365FD938	FFE253C8	DC889D10	00000000	4FEA4322	00106573	59D73C28	3F	16	59D73C28	4
CLK 35	FFF5D7F1	C696EE98	FFE5727E	6CBFB270	00000000	9FD48644	00106573	59D73C28	3F	15	59D73C28	4
CLK 36	FFF1556E	E7051958	FFEBAFE3	8D2DD0D3	00000001	3FA90C88	00106573	59D73C28	3F	14	59D73C28	4
CLK 37	000890P1	27E16ED8	FFF82AAD	CE0A32B0	00000002	7F521910	00106573	59D73C28	3F	13	59D73C28	4
CLK 38	0000BACE	F5E8A188	8E112042	4FC2DD80	00000004	FEA43221	00106573	59D73C28	3F	12	59D73C28	4
CLK 39	FFF1102A	920006E8	E801759D	EBD74310	00000009	FD486443	00106573	59D73C28	3F	11	59D73C28	4
CLK 40	FFF285C8	7DD749F8	FFE22055	24000DD0	00000013	FA90C886	00106573	59D73C28	3F	10	59D73C28	4
CLK 41	FFF57104	5585D018	FFE50B90	FBAE93F0	00000027	F521910C	00106573	59D73C28	3F	0F	59D73C28	4
CLK 42	FFF8477C	04E2DC58	FFFAE208	AR0BA030	0000004F	EA432218	00106573	59D73C28	3F	0E	59D73C28	4
CLK 43	0006F46B	639CF4D8	FFF68EF8	09C588B0	0000009F	D4864430	00106573	59D73C28	3F	0D	59D73C28	4
CLK 44	FFF08363	6D62AD88	880DERD6	C739E980	0000413F	A90C8861	00106573	59D73C28	3F	0C	59D73C28	4
CLK 45	00086C3A	349C9738	FFF806C6	DAC55B10	0000027F	521910C2	00106573	59D73C28	3F	0B	59D73C28	4
CLK 46	00067301	0F61F248	4816D874	69392E70	000004FE	A4322185	00106573	59D73C28	3F	0A	59D73C28	4
CLK 47	FFF8086E	C4ECA868	680CE602	1EC3E490	000009FD	48644308	00106573	59D73C28	3F	09	59D73C28	4
CLK 48	00096690	E3B08CF8	FFF9011D	89D95D00	000013FA	90C88616	00106573	59D73C28	3F	08	59D73C28	4
CLK 49	000267AE	6D89DDC8	C812CDP1	C76119F0	000027F5	21910C2D	00106573	59D73C28	3F	07	59D73C28	4
CLK 50	FFF469E9	813C7F68	6804CF5C	DB138B90	00004FEA	4322185B	00106573	59D73C28	3F	06	59D73C28	4
CLK 51	FFF93946	5C503AF8	FFE8D3D3	0278FED0	00009FD4	86443086	00106573	59D73C28	3F	05	59D73C28	4
CLK 52	0002D800	1277B218	FFF2728C	B8A075F0	00013FA9	0C88616C	00106573	59D73C28	3F	04	59D73C28	4
CLK 53	FFF54A8C	CB182808	0805B000	24EF6430	00027F52	1910C2D9	00106573	59D73C28	3F	03	59D73C28	4
CLK 54	FFF5FA8C	F0078C38	FFEA9519	96305010	0004FEA4	322185B2	00106573	59D73C28	3F	02	59D73C28	4
CLK 55	00065AFD	39E65498	FFF5F519	E00F1870	0009FD48	64430864	00106573	59D73C28	3F	01	59D73C28	4
CLK 56	FFF6497F	19F56D08	080CB51A	73CCA930	0013FA90	C88616C9	00106573	59D73C28	3F	00	59D73C28	4
CLK 57	00090A41	8DC21638	FFF89FAE	33EADA10	0027F521	910C2D92	00106573	59D73C28	3F	FF	59D73C28	4
CLK 58	004FEA43	22185925	48120983	18842C70	004FEA43	22185825	00106573	59D73C28	3F	FE	59D73C28	4
PH 09	FFB0158C	DDE7A4DB	004FEA43	22185825	004FEA43	22185825	00106573	59D73C28	3F	FE	DDE7A4DB	4
PH 10	FFB0158C	DDE7A4DB	004FEA43	22185825	004FEA43	22185825	00106573	59D73C28	CO	FE	80B0158C	4

TEST NO FDL	FC	R	EW	RUI	EWU1							
25	5	42486CEA	CD2A3C71	2C76B150	FC7CF1CC							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	00486CEA	42000000	00000000	02000000	00000000	00000000	00000000	00000000	CO	FE	42486CEA	4
PH 02	032A3C71	CD000000	00486CEA	42000000	00000000	00000000	00000000	00000000	CO	00	C02A3C71	0
PH 03	FF72A95C	10000000	00486CEA	42800000	00000000	00000000	00000000	00000000	CO	00	2C76B150	0
PH 04	FF72A95C	FC7CF1CC	00486CEA	2C76B150	00000000	00000000	FF2A3C71	CD800000	10	00	FC7CF1CC	0
PH 06	00486CEA	2C76B150	00486CEA	2C76B150	00000000	00000000	FF2A3C71	FC7CF1CC	10	00	FC7CF1CC	0
PH 07	FF72A95C	28F3A31C	00486CEA	2C76B150	00000000	00000000	FF2A3C71	FC7CF1CC	10	00	FC7CF1CC	0
PH 08	00486CEA	2C76B150	00486CEA	2C76B150	00000000	00000000	FF2A3C71	FC7CF1CC	10	37	FC7CF1CC	4
CLK 02	FFB1646E	556A546C	0090D9D4	58ED62A0	00000000	00000000	FF2A3C71	FC7CF1CC	10	36	FC7CF1CC	4
CLK 03	004BF01A	AE57B70C	FF762C8C	AAD4A808	00000000	00000000	FF2A3C71	FC7CF1CC	10	35	FC7CF1CC	4
CLK 04	FFC21CA7	592C5FE4	E497E035	52CF6E18	00000000	00000001	FF2A3C71	FC7CF1CC	10	34	FC7CF1CC	4
CLK 05	0059FCDC	85D9C0FC	FF84394E	B258BFC8	00000000	00000002	FF2A3C71	FC7CF1CC	10	33	FC7CF1CC	4
CLK 06	FFDE3629	68348DC4	C4B3F9B9	63B79BF8	00000000	00000005	FF2A3C71	FC7CF1CC	10	32	FC7CF1CC	4
CLK 07	0092PFF4	D3EC298C	FFBC6C56	D0691888	00000000	0000000A	FF2A3C71	FC7CF1CC	10	31	FC7CF1CC	4
CLK 08	004E9C33	A4554544	44245FC9	A7D85378	00000000	00000015	FF2A3C71	FC7CF1CC	10	30	FC7CF1CC	4
CLK 09	FFC774E9	4527FC54	549D3377	48AAR8A8	00000000	0000002B	FF2A3C71	FC7CF1CC	10	2F	FC7CF1CC	4
CLK 10	0064A060	8DD206DC	FF8EE9D2	8A4EF8A8	00000000	00000056	FF2A3C71	FC7CF1CC	10	2E	FC7CF1CC	4
CLK 11	FFF39733	1820FF84	84C95AC1	18A40DB8	00000000	000000AD	FF2A3C71	FC7CF1CC	10	2D	FC7CF1CC	4
CLK 12	008CF1F4	33C5DD3C	FFE72E66	3041FF08	00000000	0000015A	FF2A3C71	FC7CF1CC	10	2C	FC7CF1CC	4
CLK 13	00A4205A	64070C44	4479E3E8	678A1A78	00000000	000002B5	FF2A3C71	FC7CF1CC	10	2B	FC7CF1CC	4
CLK 14	0072D026	C4890A54	54484084	C80E1888	00000000	00000563	FF2A3C71	FC7CF1CC	10	2A	FC7CF1CC	4
CLK 15	000F368F	85930674	74E4FA4C	89161448	00000000	00000A07	FF2A3C71	FC7CF1CC	10	29	FC7CF1CC	4
CLK 16	FF48A9F1	07A2FFB4	841E6D7F	09260CE8	00000000	000015AF	FF2A3C71	FC7CF1CC	10	28	FC7CF1CC	4
CLK 17	FF671770	12C9089C	FF9153E2	0F45FD68	00000000	0000285E	FF2A3C71	FC7CF1CC	10	27	FC7CF1CC	4
CLK 18	FFA3F26E	2915256C	FFCE2EE0	25921738	00000000	0000568C	FF2A3C71	FC7CF1CC	10	26	FC7CF1CC	4
CLK 19	001DA86A	55A0590C	FF47E4DC	522A4A08	00000000	0000A078	FF2A3C71	FC7CF1CC	10	25	FC7CF1CC	4
CLK 20	FF658D46	A4D7A3F4	E43B50D4	A35AB218	00000000	00015AF1	FF2A3C71	FC7CF1CC	10	24	FC7CF1CC	4
CLK 21	FFA0DF13	533255FC	FFCB1A8D	4FAF47C8	00000000	000285E2	FF2A3C71	FC7CF1CC	10	23	FC7CF1CC	4
CLK 22	00177FC4	A9E78A2C	FF418C36	A664ABF8	00000000	000568C4	FF2A3C71	FC7CF1CC	10	22	FC7CF1CC	4
CLK 23	FF5939F8	504C662F	242EFFF9	53CF7458	00000000	000AD789	FF2A3C71	FC7CF1CC	10	21	FC7CF1CC	4
CLK 24	FF883984	A41BDA7C	FFB277F6	A098CC48	00000000	0015AF12	FF2A3C71	FC7CF1CC	10	20	FC7CF1CC	4
CLK 25	FF6E3A97	48BAC32C	FF107709	4837B4F8	00000000	00295E24	FF2A3C71	FC7CF1CC	10	1F	FC7CF1CC	4
CLK 26	00A23886	9AF8948C	FFCC752E	97758658	00000000	00568C48	FF2A3C71	FC7CF1CC	10	1E	FC7CF1CC	4
CLK 27	006EADF8	326E1AE4	E4447179	35F12918	00000000	00AD7891	FF2A3C71	FC7CF1CC	10	1D	FC7CF1CC	4
CLK 28	00079848	61592794	94DD5B06	64DC35C8	00000000	015AF123	FF2A3C71	FC7CF1CC	10	1C	FC7CF1CC	4
CLK 29	FF396D02	BF2F40F4	F40F3090	C2B24F28	00000000	02B5E247	FF2A3C71	FC7CF1CC	10	1B	FC7CF1CC	4
CLK 30	FF489D93	81E1901C	FF72DA05	7F5E81E8	00000000	0568C48E	FF2A3C71	FC7CF1CC	10	1A	FC7CF1CC	4
CLK 31	FF66FER5	07462F6C	FF913327	02C32038	00000000	0AD7891C	FF2A3C71	FC7CF1CC	10	19	FC7CF1CC	4

TEST FDL	NB 25	FC 5	R 42486CEA	EW CD2A3C71	RU1 2C76B150	EWU1 FC7CF1CC							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 32	FFA3C0F8	120F6B0C	FFC0FD6A	0E8C5CD8	00000000	15AF1238	FF2A3C71	FC7CF1CC	10	18	FC7CF1CC	4	
CLK 33	001D457E	27A1E44C	FF4781F0	241ED618	00000000	2B5E2470	FF2A3C71	FC7CF1CC	10	17	FC7CF1CC	4	
CLK 34	FF64C76E	48C0BA64	643A8AFC	4F43C898	00000000	568C48E1	FF2A3C71	FC7CF1CC	10	16	FC7CF1CC	4	
CLK 35	FF9F526A	980482FC	FFC98EDC	978174C8	00000000	AD7891C2	FF2A3C71	FC7CF1CC	10	15	FC7CF1CC	4	
CLK 36	00146863	398C142C	FF3EA405	360905F8	00000001	5AF12384	FF2A3C71	FC7CF1CC	10	14	FC7CF1CC	4	
CLK 37	FF530D38	6F951A24	2428D0C6	73182858	00000002	35E24709	FF2A3C71	FC7CF1CC	10	13	FC7CF1CC	4	
CLK 38	FF7BDDFE	E2AD427C	FFA61A70	DF2A3448	00000005	68C48E12	FF2A3C71	FC7CF1CC	10	12	FC7CF1CC	4	
CLK 39	FFC07F8B	C8DD932C	FFF7B8FD	C55A84F8	0000000A	D7891C24	FF2A3C71	FC7CF1CC	10	11	FC7CF1CC	4	
CLK 40	0070C2A5	953E348C	FF9AFF17	91882658	00000015	AF123848	FF2A3C71	FC7CF1CC	10	10	FC7CF1CC	4	
CLK 41	0008C1BD	26F95AE4	E4E1854B	2A7C6918	0000002B	5E247091	FF2A3C71	FC7CF1CC	10	0F	FC7CF1CC	4	
CLK 42	FF418FC8	4A6FA794	9417837A	4D72B5C8	00000056	3C48E123	FF2A3C71	FC7CF1CC	10	0E	FC7CF1CC	4	
CLK 43	FF594366	9862505C	FF837F78	94DF4F28	000000AD	7891C246	FF2A3C71	FC7CF1CC	10	0D	FC7CF1CC	4	
CLK 44	FF884A5B	3447C8EC	FFB286CD	30C48AB8	0000015A	F123848C	FF2A3C71	FC7CF1CC	10	0C	FC7CF1CC	4	
CLK 45	FFE65844	6C12A00C	FF1094B6	688F91D8	000002B5	E2470918	FF2A3C71	FC7CF1CC	10	0B	FC7CF1CC	4	
CLK 46	00A27416	DBA84E4C	FFCCB088	DB254018	0000056B	C48E1230	FF2A3C71	FC7CF1CC	10	0A	FC7CF1CC	4	
CLK 47	006F249F	B3CD8E64	6444E82D	B7509C98	00000AD7	891C2461	FF2A3C71	FC7CF1CC	10	09	FC7CF1CC	4	
CLK 48	00088581	64180E94	94DE493F	679B1CC8	000115AF	123848C3	FF2A3C71	FC7CF1CC	10	08	FC7CF1CC	4	
CLK 49	FF3B47D4	C4AD09E4	F4110362	C8301D28	00002B5E	24709187	FF2A3C71	FC7CF1CC	10	07	FC7CF1CC	4	
CLK 50	FF4C5377	8CD02C1C	FF768FA9	895A1DE8	000056BC	48E1230E	FF2A3C71	FC7CF1CC	10	06	FC7CF1CC	4	
CLK 51	FF6E69FD	1D3D666C	FF98A66F	19BA5838	0000AD78	91C2461C	FF2A3C71	FC7CF1CC	10	05	FC7CF1CC	4	
CLK 52	FFB29788	3DFDDB0C	FFDC03FA	3A7ACCD8	00015AF1	23848C38	FF2A3C71	FC7CF1CC	10	04	FC7CF1CC	4	
CLK 53	003AF29E	7B7EC44C	FF652F10	78FB8618	0002B5E2	47091870	FF2A3C71	FC7CF1CC	10	03	FC7CF1CC	4	
CLK 54	FFA021AE	FB7A7A64	6475E53C	FFFD8898	00056BC4	8E1230E1	FF2A3C71	FC7CF1CC	10	02	FC7CF1CC	4	
CLK 55	001606E8	FA7802FC	FF40435D	F6F4F4C8	000AD789	1C2461C2	FF2A3C71	FC7CF1CC	10	01	FC7CF1CC	4	
CLK 56	FF564A49	F16CF7C4	C42C0DD7	F4F005F8	0015AF12	3848C385	FF2A3C71	FC7CF1CC	10	00	FC7CF1CC	4	
CLK 57	FF825821	E65CFDBC	FFAC9493	E2D9EF88	002B5E24	7091870A	FF2A3C71	FC7CF1CC	10	FF	FC7CF1CC	4	
CLK 58	00568C48	E1230E14	FF088043	CC89FB78	0056BC48	E1230F14	FF2A3C71	FC7CF1CC	10	FE	FC7CF1CC	4	
PH 09	FFA943B7	1EDCF1EC	0056BC48	E1230E14	0056BC48	E1230E14	FF2A3C71	FC7CF1CC	10	FE	1EDCF1EC	4	
PH 10	FFA943B7	1EDCF1EC	0056BC48	E1230E14	0056BC48	E1230E14	FF2A3C71	FC7CF1CC	EF	FE	FA943B7	4	

TEST FDL	NB 26	FC 5	R 475E3AF9	EW D1F375DB	RU1 FEDCBA98	EWU1 ECA86424							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	005E3AF9	47000000	00000000	00000000	00000000	00000000	00000000	00000000	EF	FE	475E3AF9	4	
PH 02	03F375DB	01000000	005E3AF9	47000000	00000000	00000000	00000000	00000000	00	00	D1F375DB	0	
PH 03	00518005	19000000	005E3AF9	47800000	00000000	00000000	FFF375DB	D1800000	00	00	FEDCBA98	0	
PH 04	00518005	ECA86424	005E3AF9	FEDCBA98	00000000	00000000	FFF375DB	D1800000	19	00	ECA86424	1	
PH 05	FF375DB	ECA86424	005E3AF9	FEDCBA98	00000000	00000000	FFF375DB	ECA86424	19	00	ECA86424	0	
CLK 02	FF375DB	ECA86424	FF375DB	ECA86424	00000000	00000000	005E3AF9	FEDCBA98	1A	00	ECA86424	1	
PH 06	005E3AF9	FEDCBA98	FF375DB	ECA86424	00000000	00000000	005E3AF9	FEDCBA98	1A	00	ECA86424	0	
PH 07	FF958888	C962FCDB	005E3AF9	FEDCBA98	00000000	00000000	FF375DB	ECA86424	1A	00	ECA86424	0	
PH 08	005E3AF9	FEDCBA98	005E3AF9	FEDCBA98	00000000	00000000	FF375DB	ECA86424	1A	37	ECA86424	4	
CLK 02	FF375DB	ECA86424	008C75F3	FFDB9753	00000000	00000000	FF375DB	ECA86424	1A	36	ECA86424	4	
CLK 03	008049A6	C5F92CA0	FFE7A765	907F6E0C	00000000	00000000	FF375DB	ECA86424	1A	35	ECA86424	4	
CLK 04	0097F10C	56788980	8060934D	88F25940	00000000	00000001	FF375DB	ECA86424	1A	34	ECA86424	4	
CLK 05	00673FD7	77777940	402FE218	ACF13700	00000000	00000003	FF375DB	ECA86424	1A	33	ECA86424	4	
CLK 06	0005D04D	897534C0	COCE7FAE	FE0EF280	00000000	00000007	FF375DB	ECA86424	1A	32	ECA86424	4	
CLK 07	FF43189A	3D70ABC0	CO0BBA0B	72EA6980	00000000	00000000	FF375DB	ECA86424	1A	31	ECA86424	4	
CLK 08	FF4ED375	B05B1540	FF863134	7AE15780	00000000	0000001E	FF375DB	ECA86424	1A	30	ECA86424	4	
CLK 09	FF66492C	962FE840	FF9DA6EB	60B62A80	00000000	0000003C	FF375DB	ECA86424	1A	2F	ECA86424	4	
CLK 10	FF95349A	61D9AE40	FFCC9259	2C5FD080	00000000	00000000	FF375DB	ECA86424	1A	2E	ECA86424	4	
CLK 11	FFF30875	F92C0A40	FF2A6934	C3831C80	00000000	000000F0	FF375DB	ECA86424	1A	2D	ECA86424	4	
CLK 12	00AEB92D	27D37240	FFE616EB	F2593480	00000000	000001E3	FF375DB	ECA86424	1A	2C	ECA86424	4	
CLK 13	0094D019	1A2D76C0	C05D725A	4FA6E480	00000000	000000C1	FF375DB	ECA86424	1A	2B	ECA86424	4	
CLK 14	0060DFD0	FE08FC00	C029A032	345A4D80	00000000	00000783	FF375DB	ECA86424	1A	2A	ECA86424	4	
CLK 15	FFF959A0	C84761C0	COClFB3E1	FDC11F80	00000000	000000F7	FF375DB	ECA86424	1A	29	ECA86424	4	
CLK 16	008B5582	C6088140	FFF2B741	908EC380	00000000	0001E0E0	FF375DB	ECA86424	1A	28	ECA86424	4	
CLK 17	00AE08C4	569744C0	C076AB05	8C110280	00000000	00003C1D	FF375DB	ECA86424	1A	27	ECA86424	4	
CLK 18	00936F47	77B4CB00	C05C1182	AD2E8980	00000000	0000783B	FF375DB	ECA86424	1A	26	ECA86424	4	
CLK 19	005E3C4D	B9F09000	C026DE8E	EF699780	00000000	0000F077	FF375DB	ECA86424	1A	25	ECA86424	4	
CLK 20	FFF3065A	3E65F5C0	COBC789B	73DFB380	00000000	0001E0EF	FF375DB	ECA86424	1A	24	ECA86424	4	
CLK 21	00804DF5	B245A940	FFE7AC94	7CCBE880	00000000	0003C1DE	FF375DB	ECA86424	1A	23	ECA86424	4	
CLK 22	00975BA3	2F1194C0	C06092EB	64885280	00000000	000J783D	FF375DB	ECA86424	1A	22	ECA86424	4	
CLK 23	00675511	28A968C0	C02FF754	5E232980	00000000	000F0773	FF375DB	ECA86424	1A	21	ECA86424	4	
CLK 24	000607E5	18D919C0	COCEAA26	515D0780	00000000	001E0EF7	FF375DB	ECA86424	1A	20	ECA86424	4	
CLK 25	FF436D89	023875C0	C00C0FCA	37B23380	00000000	003C1DEE	FF375DB	ECA86424	1A	1F	ECA86424	4	
CLK 26	FF4F7D53	39EA9940	FF86D032	470E3880	00000000	00783B8D	FF375DB	ECA86424	1A	1E	ECA86424	4	
CLK 27	FF679CE7	A94F1040	FF9EFAA6	73055280	00000000	010F077B	FF375DB	ECA86424	1A	1D	ECA86424	4	
CLK 28	FF97DC10	8817DE40	FFCF39CF	529E2080	00000000	00E0EF73	FF375DB	ECA86424	1A	1C	ECA86424	4	
CLK 29	FFF85A62	45A97A40	FF2FB8P1	12DF8C80	00000000	03C1DEF0	FF375DB	ECA86424	1A	1B	ECA86424	4	

TEST N°	FC	R	EW	RU1	EWU1								
FDL	26	5	475E3AF9	D1F375DB	FEDCBA98	ECA86424							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 30	00B9B705	00CCB240	FFF0B4C4	8B52F480	00000000	0783BDE0	FF375DBE	CA864240	1A	1A	ECA86424	4	
CLK 31	00AA0B8A	4C1FA6C0	C072AE0B	81996480	00000000	0F0779C1	FF375DBE	CA864240	1A	19	ECA86424	4	
CLK 32	008B7553	62C58FC0	C0541794	983F4D80	00000000	1E0EF783	FF375DBE	CA864240	1A	18	ECA86424	4	
CLK 33	004E4865	901161C0	C016EAA6	C58B1F80	00000000	3C1DEF07	FF375DBE	CA864240	1A	17	ECA86424	4	
CLK 34	FFD3EE89	EAA905C0	C09C90C8	2022C380	00000000	783BDE0F	FF375DBE	CA864240	1A	16	ECA86424	4	
CLK 35	00707F55	0AC8C940	FFA7DD13	D5520B80	00000000	F0778C1E	FF375DBE	CA864240	1A	15	ECA86424	4	
CLK 36	00185C68	E01DD4C0	C0E0FEAA	15979280	00000001	00E7783D	FF375DBE	CA864240	1A	14	ECA86424	4	
CLK 37	FF681690	8AC1E9C0	C030B8D1	C03BA980	00000003	C1DEF07B	FF375DBE	CA864240	1A	13	ECA86424	4	
CLK 38	FF98CF62	4AFD9540	FFD02D21	1583D780	00000007	83BDE0F6	FF375DBE	CA864240	1A	12	ECA86424	4	
CLK 39	FFFA4105	CB74E840	FF319EC4	95FB2A80	0000000F	077BC1EC	FF375DBE	CA864240	1A	11	ECA86424	4	
CLK 40	00B0244C	CC638E40	FFF4820B	96E9D080	0000001E	0EF783D8	FF375DBE	CA864240	1A	10	ECA86424	4	
CLK 41	00B1A658	634D5FC0	C07A4899	98C71C80	0000003C	1DEF07B1	FF375DBE	CA864240	1A	0F	ECA86424	4	
CLK 42	009AAA6F	9120FFC0	C0634C80	C69ABD00	00000078	3BDE0F63	FF375DBE	CA864240	1A	0E	ECA86424	4	
CLK 43	006CB29D	ECC841C0	C03554DF	2241FF80	000000F0	77BC1EC7	FF375DBE	CA864240	1A	0D	ECA86424	4	
CLK 44	0010C2FA	A416C5C0	C0D9653B	D9908380	000001E0	EF783D8F	FF375DBE	CA864240	1A	0C	ECA86424	4	
CLK 45	FF58E3B4	12B3CDD0	C02185F5	482D8B80	000003C1	DEF07B1F	FF375DBE	CA864240	1A	0B	ECA86424	4	
CLK 46	FF7A69A9	5AE15940	FFB1C768	25679B80	00000783	BDE0F63E	FF375DBE	CA864240	1A	0A	ECA86424	4	
CLK 47	FFBD7593	EB3C7040	FFF4D352	85C2B280	00000F07	7BC1EC7C	FF375DBE	CA864240	1A	09	ECA86424	4	
CLK 48	00438D69	0BF29E40	FF7AE377	D678E080	00001E0E	F783D8F8	FF375DBE	CA864240	1A	08	ECA86424	4	
CLK 49	FFBE7890	E26B7E00	C0871AD2	17E53C80	00003C1D	EF07B1F1	FF375DBE	CA864240	1A	07	ECA86424	4	
CLK 50	00459362	FA508B40	FF7CF121	C4D6FD80	0000783B	DE0F63E2	FF375DBE	CA864240	1A	06	ECA86424	4	
CLK 51	FFC2R484	BF2788C0	C08B26C5	F4A17680	0000F077	8C1EC7C5	FF375DBE	CA864240	1A	05	ECA86424	4	
CLK 52	004DABAA	B3C92FA0	FF850909	7E4F7180	0001E0EF	783D8F8A	FF375DBE	CA864240	1A	04	ECA86424	4	
CLK 53	FFD2B454	3218A0C0	C09B5695	67925E80	0003C1DE	F07B1F15	FF375DBE	CA864240	1A	03	ECA86424	4	
CLK 54	006E0A9F	99AAFF40	FFA568A8	64314180	000783BD	E0F63E2A	FF375DBE	CA864240	1A	02	ECA86424	4	
CLK 55	00137391	FDDC40C0	C0DC15D3	3355FE80	000F077B	C1EC7C55	FF375DBE	CA864240	1A	01	ECA86424	4	
CLK 56	FF5E44F2	C63EC3C0	C026E723	F8888180	001E0EF7	83D8F8AB	FF375DBE	CA864240	1A	00	ECA86424	4	
CLK 57	FF852C06	C1F74540	FF8C89C5	8C7D8780	003C1DEF	07B1F156	FF375DBE	CA864240	1A	FF	ECA86424	4	
CLK 58	00483B09	0F63E2AC	FF0A58D0	83EE8A80	00783BDE	0F63E2AC	FF375DBE	CA864240	1A	FE	ECA86424	4	
PH 09	FF87C421	F09C1D54	00783BDE	0F63E2AC	00783BDE	0F63E2AC	FF375DBE	CA864240	1A	FE	F09C1D54	4	
PH 10	FF87C421	F09C1D54	00783BDE	0F63E2AC	00783BDE	0F63E2AC	FF375DBE	CA864240	E5	FE	A587C421	4	

TEST N°	FC	R	EW	RU1	EWU1								
FDL	27	5	741EB852	5B73EA65	DB7531FD	FC9630DA							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	001EBR52	74000000	00000000	00000000	00000000	00000000	00000000	00000000	E5	FE	741EB852	4	
PH 02	0073FA65	5B000000	001EB852	74000000	00000000	00000000	00000000	00000000	00	00	5B73EA65	0	
PH 03	FFAACDED	19800000	001EB852	74800000	00000000	00000000	0073EA65	5B000000	00	00	DB7531FD	0	
PH 04	FFAACDED	FC9630DA	001EB852	DB7531FD	00000000	00000000	0073EA65	5B000000	19	00	FC9630DA	0	
PH 06	001EB852	DB7531FD	001EB852	DB7531FD	00000000	00000000	0073EA65	FC9630DA	19	00	FC9630DA	0	
PH 07	FFAACDED	DEDF0123	001EB852	DB7531FD	00000000	00000000	0073EA65	FC9630DA	19	00	FC9630DA	0	
PH 08	001EB852	DB7531FD	001EB852	DB7531FD	00000000	00000000	0073EA65	FC9630DA	19	37	FC9630DA	4	
CLK 02	FFC9863F	BA543320	003D70A5	76EA63FA	00000000	00000000	0073EA65	FC9630DA	19	36	FC9630DA	4	
CLK 03	0006F6F5	713E971A	FF930C7F	74A86640	00000000	00000000	0073EA65	FC9630DA	19	35	FC9630DA	4	
CLK 04	FF9A0364	E5E6F05A	5A00EDCA	E27D2E34	00000000	00000001	0073EA65	FC9630DA	19	34	FC9630DA	4	
CLK 05	FFA7F12F	C864288E	FF3406C9	C9CDFAB4	00000000	00000002	0073EA65	FC9630DA	19	33	FC9630DA	4	
CLK 06	FFC3CC55	8D5E87F6	FF4FE25F	90C8571C	00000000	00000004	0073EA65	FC9630DA	19	32	FC9630DA	4	
CLK 07	FFFB83F1	175340C6	FF87998B	1ABD0FEC	00000000	00000003	0073EA65	FC9630DA	19	31	FC9630DA	4	
CLK 08	006AF7A8	2B3C9266	FF707E27	2EA6818C	00000000	00000010	0073EA65	FC9630DA	19	30	FC9630DA	4	
CLK 09	0061FA2A	59E333F2	F2D5E490	567964CC	00000000	00000021	0073EA65	FC9630DA	19	2F	FC9630DA	4	
CLK 10	005009FE	B730370A	0AC3F454	B3C667E4	00000000	00000043	0073EA65	FC9630DA	19	2E	FC9630DA	4	
CLK 11	002C2977	71CA303A	3AA013D0	6E606E14	00000000	00000087	0073EA65	FC9630DA	19	2D	FC9630DA	4	
CLK 12	FFE46888	E6FE499A	9A5852EE	E3947A74	00000000	0000010F	0073EA65	FC9630DA	19	2C	FC9630DA	4	
CLK 13	003CB877	CA92C40E	FFC8D111	CF9C9334	00000000	0000021E	0073EA65	FC9630DA	19	2B	FC9630DA	4	
CLK 14	00058CR9	988F5742	427976EF	9525881C	00000000	0000043D	0073EA65	FC9630DA	19	2A	FC9630DA	4	
CLK 15	FF972ADF	348870AA	AA0B1913	311EAE84	00000000	00000873	0073EA65	FC9630DA	19	29	FC9630DA	4	
CLK 16	FFA247C0	65A72C2E	FF2E505A	6910F854	00000000	000010F6	0073EA65	FC9630DA	19	28	FC9630DA	4	
CLK 17	FF8879E6	C7E48936	FF448F80	CB4E585C	00000000	000021EC	0073EA65	FC9630DA	19	27	FC9630DA	4	
CLK 18	FFC4DC33	8C5F4346	FF70F3CD	8FC9126C	00000000	000043D8	0073EA65	FC9630DA	19	26	FC9630DA	4	
CLK 19	003DA6CD	1554B766	FFC9BC67	18BE868C	00000000	000087B0	0073EA65	FC9630DA	19	25	FC9630DA	4	
CLK 20	00076334	2E133DFA	F27B4D9A	2AA966CC	00000000	00010F61	0073EA65	FC9630DA	19	24	FC9630DA	4	
CLK 21	FF9AD0C2	5F90480A	0A0EC668	5C267BE4	00000000	00021EC3	0073EA65	FC9630DA	19	23	FC9630DA	4	
CLK 22	FFA9A26A	B8B6C4EE	FF35B804	BF209614	00000000	00043D86	0073EA65	FC9630DA	19	22	FC9630DA	4	
CLK 23	FFC72F3B	74038EB6	FF534405	776D8DDC	00000000	0008730C	0073EA65	FC9630DA	19	21	FC9630DA	4	
CLK 24	000283C8	E49DAE46	FF8E5E76	F807756C	00000000	0010F618	0073EA65	FC9630DA	19	2C	FC9630DA	4	
CLK 25	FF90A753	CC4578B2	B20491B9	C9385C8C	00000000	0021EC31	0073EA65	FC9630DA	19	1F	FC9630DA	4	
CLK 26	FF95390D	95E0883F	FF214CA7	99A45764	00000000	0043D862	0073EA65	FC9630DA	19	1E	FC9630DA	4	
CLK 27	FF955C81	28574156	FF2A7213	28C1107C	00000000	0087B0C4	0073EA65	FC9630DA	19	1D	FC9630DA	4	
CLK 28	FF80A368	4D44B386	FF3CB902	50AE82AC	00000000	010F6188	0073EA65	FC9630DA	19	1C	FC9630DA	4	
CLK 29	FFD53136	971F97E6	FF6146D0	9A89670C	00000000	021EC310	0073EA65	FC9630DA	19	1B	FC9630DA	4	
CLK 30	001E4CD3	2AD560A6	FFAA626D	2E3F2FC2	00000000	043D8620	0073EA65	FC9630DA	19	1A	FC9630DA	4	
CLK 31	FFC8AF40	59149072	723C99A6	55AAC14C	00000000	087B0C41	0073EA65	FC9630DA	19	19	FC9630DA	4	

TEST NR	FC	R	EW	RUI	EWU1								
FOL	27	5	741EB852	5B73EA65	DB7531FD	FC9630DA							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 32	000548E6	AEBF51BE	FF915E80	B22920E4	00000000	10F61882	0073EA65	FC9630DA	19	18	FC9630DA	4	
CLK 33	FF96A767	60E872A2	A20A91CD	507EA37C	00000000	21EC3105	0073EA65	FC9630DA	19	17	FC9630DA	4	
CLK 34	FFA13934	BE67161E	FF2D4ECE	C1D0E544	00000000	43D8620A	0073EA65	FC9630DA	19	16	FC9630DA	4	
CLK 35	FFB65CCF	79645D16	FF427269	7CCE2C3C	00000000	8780C414	0073EA65	FC9630DA	19	15	FC9630DA	4	
CLK 36	FFEOA404	FF5EER06	FF6CB99E	F2C8BA2C	00000001	0F618828	0073EA65	FC9630DA	19	14	FC9630DA	4	
CLK 37	0035326F	D854D6E6	FFC14809	DEBDD60C	00000002	1EC31050	0073EA65	FC9630DA	19	13	FC9630DA	4	
CLK 38	FFF67A79	9A11DCF2	F26A64DF	B6A80DCC	00000004	3D8620A1	0073EA65	FC9630DA	19	12	FC9630DA	4	
CLK 39	0060DF59	70B9FA8E	FFECF4F3	7423B9E4	00000008	7B0C4142	0073EA65	FC9630DA	19	11	FC9630DA	4	
CLK 40	0040D44C	E4DDA4A2	A2C1BE82	E173D57C	00000010	F6188285	0073EA65	FC9630DA	19	10	FC9630DA	4	
CLK 41	0027BE33	CD25186A	6A9BA899	C9BB4944	00000021	EC310503	0073EA65	FC9630DA	19	0F	FC9630DA	4	
CLK 42	FFD89201	9DB3FFFA	FA4F7C67	944A30D4	00000043	D8620A17	0073EA65	FC9630DA	19	0E	FC9630DA	4	
CLK 43	00280E69	37FE30CE	FFB72403	3B67FFF4	00000087	B0C4142E	0073EA65	FC9630DA	19	0D	FC9630DA	4	
CLK 44	FFE2326C	736630C2	C2561CD2	6FFC619C	0000010F	61882850	0073EA65	FC9630DA	19	0C	FC9630DA	4	
CLK 45	00384F3E	E362925E	FFC46478	E6CC6184	0000021E	C31050BA	0073EA65	FC9630DA	19	0B	FC9630DA	4	
CLK 46	FFFC9417	CA2EF3E2	E2709E7D	C6C524BC	0000043D	8620A175	0073EA65	FC9630DA	19	0A	FC9630DA	4	
CLK 47	006D5295	90F4189E	FFF9682F	945DE7C4	00000878	0C4142EA	0073EA65	FC9630DA	19	09	FC9630DA	4	
CLK 48	00668A25	25520062	62DA452B	71E8313C	000010F6	188285D5	0073EA65	FC9630DA	19	08	FC9630DA	4	
CLK 49	00598B24	4E0DCFEA	FACD758A	4AA400C4	000021EC	31050BA3	0073EA65	FC9630DA	19	07	FC9630DA	4	
CLK 50	003F28E2	9F856EFA	FAB31648	9C1B9FD4	000043D8	620A1757	0073EA65	FC9630DA	19	06	FC9630DA	4	
CLK 51	00A06D5F	4274AD1A	1A7E57C5	3F0ADDF4	000087B0	C4142EAF	0073EA65	FC9630DA	19	05	FC9630DA	4	
CLK 52	FFA0F058	8853295A	5A14DABE	84E95A34	00010F61	88285D5F	0073EA65	FC9630DA	19	04	FC9630DA	4	
CLK 53	FFB5CB17	0D3C338E	FF41E0B1	10A652B4	00021EC3	10508ABE	0073EA65	FC9630DA	19	03	FC9630DA	4	
CLK 54	FFDF8094	170F37F6	FF68962E	1A79071C	00043D86	20A1757C	0073EA65	FC9630DA	19	02	FC9630DA	4	
CLK 55	0032EB8E	2AB4A0C6	FFBF0128	2E1E6FEC	00087B0C	4142EAF8	0073EA65	FC9630DA	19	01	FC9630DA	4	
CLK 56	FFF1EC86	58D310B2	8265D71C	5569418C	0010F618	8285D5F1	0073EA65	FC9630DA	19	00	FC9630DA	4	
CLK 57	0057C3D2	AE3C523E	FFE3D96C	B1A62164	0021EC31	0508ABE2	0073EA65	FC9630DA	19	FF	FC9630DA	4	
CLK 58	0043D862	0A1757C5	0A4B87A5	9C78A47C	0043D862	0A1757C5	0073EA65	FC9630DA	19	FE	FC9630DA	4	
PH 09	0043D862	0A1757C5	0043D862	0A1757C5	0043D862	0A1757C5	0073EA65	FC9630DA	19	FE	0A1757C5	4	
PH 10	0043D862	0A1757C5	0043D862	0A1757C5	0043D862	0A1757C5	0073EA65	FC9630DA	19	FE	5943D862	4	

TEST NR	FC	R	EW	RUI	EWU1								
FOL	28	5	D397531E	ECA8642F	50B61C72	D83EA62E							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	0397531E	D3030300	00000300	00000000	00000000	00000000	00000000	00000000	19	FL	D397531E	4	
PH 02	03A8642F	EC000000	FF97531E	D3000000	00000000	00000000	00000000	00000000	00	00	ECA8642F	0	
PH 03	FF3FB74E	11000000	FF97531E	24800000	00000000	00000000	FFA8642F	EC800000	00	00	5B861C72	0	
PH 04	FF3FB74E	D83EA62E	FF97531E	50B61C72	00000000	00000000	FFA8642F	EC800000	11	00	D3EA62E	0	
PH 06	0068ACE1	AF49E38F	FF97531E	50B61C72	00000000	00000000	FFA8642F	D83EA62E	11	00	D3EA62E	0	
PH 07	00111111	8788898C	0068ACE1	AF49E38E	00000000	00000000	FFA8642F	D83EA62E	11	00	D3EA62E	2	
PH 08	0068ACE1	AF49E38E	0068ACE1	AF49E38E	00000000	00000000	FFA8642F	D83EA62E	11	37	D3EA62E	0	
PH 08	0068ACE1	1AF49E38	0068ACE1	1AF49E38	00E00000	00000000	FFA8642F	D83EA62E	12	37	D3EA62E	4	
CLK 02	FF579CC	0F27E29F	00D159C	35E93C71	00C00000	00000000	FFA8642F	D83EA62E	12	36	D3EA62E	4	
CLK 03	FFC28F68	44111F11	FF6AF398	1C4FC53F	00800000	00000000	FFA8642F	D83EA62E	12	35	D3EA62E	4	
CLK 04	FF0CBA00	AFE897F5	FF851E00	8A223E23	00000000	00000000	FFA8642F	D83EA62E	12	34	D3EA62E	4	
CLK 05	00111111	8788898C	FFB97541	5FC72FEA	00000000	00000000	FFA8642F	D83EA62E	12	33	D3EA62E	4	
CLK 06	FFC8A652	E74FB9A6	A6222223	0F111378	00000000	00000000	FFA8642F	D83EA62E	12	32	D3EA62E	4	
CLK 07	FFC8A875	F660CD1F	FF950CA5	CE9F734C	00000000	00000002	FFA8642F	D83EA62E	12	31	D3EA62E	4	
CLK 08	0030ECRC	1482F40F	FFD950EB	ECC19A3C	00000000	00000004	FFA8642F	D83EA62E	12	30	D3EA62E	4	
CLK 09	00CA3DA8	01448E4A	4A61D978	2905E21C	00000000	00000009	FFA8642F	D83EA62E	12	2F	D3EA62E	4	
CLK 10	FFBCDF7F	DAC7C2C2	C2147350	02891C94	00000000	00000013	FFA8642F	D83EA62E	12	2E	D3EA62E	4	
CLK 11	FFD15ACF	DD50DF56	FF79BEFF	B58F8584	00000000	00000026	FFA8642F	D83EA62E	12	2D	D3EA62E	4	
CLK 12	FFFA516F	E263187E	FFA2B59F	BAA1BEAC	00000000	0000004C	FFA8642F	D83EA62E	12	2C	D3EA62E	4	
CLK 13	004C3EAF	EC878ACF	FF4A20DF	C4C630FC	00000000	00000098	FFA8642F	D83EA62E	12	2B	D3EA62E	4	
CLK 14	0040E1AF	814D88CA	CA987D5F	D90F159C	00000000	00000131	FFA8642F	D83EA62E	12	2A	D3EA62E	4	
CLK 15	002A274F	3AD1DC2	C281C31F	629B7794	00000000	00000263	FFA8642F	D83EA62E	12	29	D3EA62E	4	
CLK 16	FFFC92CE	402F21R2	B2544E9E	75B43384	00000000	000004C7	FFA8642F	D83EA62E	12	28	D3EA62E	4	
CLK 17	0051016C	C3A71D36	FF96599C	9BE5C364	00000000	0000098E	FFA8642F	D83EA62E	12	27	D3EA62E	4	
CLK 18	004A6709	9F8CF09A	9AA202D9	874E3A6C	00000000	0000131D	FFA8642F	D83EA62E	12	26	D3EA62E	4	
CLK 19	003D3242	57586762	6294CE12	B719C134	00000000	0000263B	FFA8642F	D83EA62E	12	25	D3EA62E	4	
CLK 20	0022C8B5	06EF74F2	F27A6485	2EB0CEC4	00000000	00004C77	FFA8642F	D83EA62E	12	24	D3EA62E	4	
CLK 21	FFD9F599	E61D9012	1245916A	DDDEE9E4	00000000	000098EF	FFA8642F	D83EA62E	12	23	D3EA62E	4	
CLK 22	00338703	F3FC79F6	FFDBE833	CC3B2024	00000000	000131DE	FFA8642F	D83EA62E	12	22	D3EA62E	4	
CLK 23	000F7237	C0379A1A	1A670E07	E7F8F3EC	00000000	000263BD	FFA8642F	D83EA62E	12	21	D3EA62E	4	
CLK 24	FFC7489F	58ADD462	621EE46F	806F3434	00000000	0004C773	FFA8642F	D83EA62E	12	20	D3EA62E	4	
CLK 25	FF6E2D0E	091D0E96	FF8E913E	B15B84C4	00000000	00098EF6	FFA8642F	D83EA62E	12	1F	D3EA62E	4	
CLK 26	0023F5ED	D9F874FE	FFCC5A1D	823A1D2C	00000000	00131DEC	FFA8642F	D83EA62E	12	1E	D3EA62E	4	
CLK 27	FF050008	8C35942A	2A47E3D8	93F6EDFC	00000000	00263BD9	FFA8642F	D83EA62E	12	1D	D3EA62E	4	
CLK 28	00338BE7	402C8226	FFE0A017	18682854	00000000	004C7782	FFA8642F	D83EA62E	12	1C	D3EA62E	4	
CLK 29	0018DBFE	5897AA7A	7A7077CE	8059044C	00000000	0098EF65	FFA8642F	D83EA62E	12	1B	D3EA62E	4	
CLK 30	FFDA1C2C	896DFB22	2231B7FC	B12F54F4	00000000	0131DEC8	FFA8642F	D83EA62E	12	1A	D3EA62E	4	

TEST N#	FC	R	EW	RJ1	EWU1								
FDL 29	5	973FB841	9C4FA62E	F93EA754	94E9520F								
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
CLK 31	FFD60FD7	9E506D89	898669A9	0967187A	00000000	022E3F73	FF4FA62E	94E9520F	E6	19	94E9520F	4	
CLK 32	008C7980	A7B78903	FFAC1FAF	3CA0D812	00000000	045C7E66	FF4FA62E	94E9520F	E6	18	94E9520F	4	
CLK 33	0008992F	E4586415	15B8F301	4F6F1206	00000000	08B8FD0C	FF4FA62E	94E9520F	E6	17	94E9520F	4	
CLK 34	FF40D88E	3D9A1A39	3911325F	C8B0C82A	00000000	1171FB93	FF4FA62E	94E9520F	E6	16	94E9520F	4	
CLK 35	FF720AEE	264AE263	FFC1B11C	8B343472	00000000	22E3F736	FF4FA62E	94E9520F	E6	15	94E9520F	4	
CLK 36	FF946FAD	B7AC72B7	FFE415DC	4C95C4C6	00000000	45C7EE6C	FF4FA62E	94E9520F	E6	14	94E9520F	4	
CLK 37	FFD9392C	DA6F935F	FF28DF5B	6F58E56E	00000000	888FDCD8	FF4FA62E	94E9520F	E6	13	94E9520F	4	
CLK 38	0062CC2B	1FF5D4AF	FFB27259	84DF268E	00000001	171FB9B0	FF4FA62E	94E9520F	E6	12	94E9520F	4	
CLK 39	00153E84	D4D4F56D	60C59856	3FEBA95E	00000002	2E3F7361	FF4FA62E	94E9520F	E6	11	94E9520F	4	
CLK 40	FF7A2338	3E9348E9	E2A7D009	A9A9F6DA	00000004	5C7EE6C3	FF4FA62E	94E9520F	E6	10	94E9520F	4	
CLK 41	FFA4A041	E83D3FC3	FFF44670	7D2691D2	00000008	88FDCD86	FF4FA62E	94E9520F	E6	0F	94E9520F	4	
CLK 42	FFF99A55	38912077	FF494083	D07A7F86	00000011	71FB9B0C	FF4FA62E	94E9520F	E6	0E	94E9520F	4	
CLK 43	00A38E7B	E23908DF	FFF334AA	77225AEE	00000022	E3F73618	FF4FA62E	94E9520F	E6	0D	94E9520F	4	
CLK 44	0096C326	595B63CD	CD471CF7	C47211BE	00000045	C7EE6C31	FF4FA62E	94E9520F	E6	0C	94E9520F	4	
CLK 45	007D2C7B	47A019A9	A92D864C	B2B6C79A	00000088	8FDCD863	FF4FA62E	94E9520F	E6	0B	94E9520F	4	
CLK 46	0049FF25	24298561	61FA58F6	8F403352	00000117	1FB9B0C7	FF4FA62E	94E9520F	E6	0A	94E9520F	4	
CLK 47	FFE3A478	D03C5D01	D193FE4A	48530AC2	0000022E	3F73618F	FF4FA62E	94E9520F	E6	09	94E9520F	4	
CLK 48	0077A2C3	258F6793	FFC748F1	8478B9A2	0000045C	7EE6C31E	FF4FA62E	94E9520F	E6	08	94E9520F	4	
CLK 49	003EEBR4	E0082135	35EF4586	481ECF26	00000888	FDCD863D	FF4FA62E	94E9520F	E6	07	94E9520F	4	
CLK 50	FFCD7D98	54F99A79	797DD769	C010426A	00001171	FB9B0C73	FF4FA62E	94E9520F	E6	06	94E9520F	4	
CLK 51	00485502	1509D6E3	FF9AF330	A9F328F2	000022E3	F73618F6	FF4FA62E	94E9520F	E6	05	94E9520F	4	
CLK 52	FFE65032	BEFCFFD5	D596AA04	2A13A0CC	000045C7	EE6C31ED	FF4FA62E	94E9520F	E6	04	94E9520F	4	
CLK 53	007CFA36	E910AD98	FFCCA065	70F9FFA6	0000888F	DCD863DA	FF4FA62E	94E9520F	E6	03	94E9520F	4	
CLK 54	00499A9C	670AAD45	45F9F46D	D2215836	0001171F	B9B0C7B5	FF4FA62E	94E9520F	E6	02	94E9520F	4	
CLK 55	FFE2D867	62FEAC99	99933338	CE155A8A	00022E3F	73618F63	FF4FA62E	94E9520F	E6	01	94E9520F	4	
CLK 56	007610A0	31140723	FFC5B6CE	C5FD5932	00045C7E	EGC31ED6	FF4FA62E	94E9520F	E6	00	94E9520F	4	
CLK 57	0033C76E	F7116055	55EC2140	62280E46	0008888F	CD863DAD	FF4FA62E	94E9520F	E6	FF	94E9520F	4	
CLK 58	001171FB	980C785B	99778EDD	E222C0AA	001171FB	980C785B	FF4FA62E	94E9520F	E6	FE	94E9520F	4	
PH 09	001171FB	980C785B	001171FB	990C785B	001171FB	980C785B	FF4FA62E	94E9520F	E6	FE	980C785B	4	
PH 10	001171FB	980C785B	001171FB	980C785B	001171FB	980C785B	FF4FA62E	94E9520F	E6	FE	261171FB	4	

TEST N#	FC	R	EW	RJ1	EWU1								
FDL 30	5	F095EC82	0F951EBA	F7E6E3A5	D3F9ECA8								
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	0385EC82	F0007000	00000000	00000000	00000000	00000000	0C000000	00000000	E6	0E	F095EC82	4	
PH 02	00951EBA	0F000000	FFB5FC82	F0000000	00000000	00000000	00000000	00000000	00	00	0F951EBA	0	
PH 03	FF20C0C7	F3807000	FFB5EC82	02800000	00000000	00000000	00951EBA	0F000000	F3	00	F7E6E3A5	0	
PH 04	FF20C0C7	D3F9ECA8	FFB5EC82	F7E6E3A5	00000000	00000000	00951EBA	0F000000	F3	00	D3F9ECA8	0	
PH 06	004A137D	08191C5B	FFB5EC82	F7E6E3A5	00000000	00000000	00951EBA	D3F9ECA8	F3	00	D3F9ECA8	0	
PH 07	FFA4FAC2	2C1F2FB3	004A137D	08191C5B	00000000	00000000	00951EBA	D3F9ECA8	F3	00	D3F9ECA8	0	
PH 08	004A137D	08191C5B	004A137D	08191C5B	00000000	00000000	00951EBA	D3F9ECA8	F3	37	D3F9ECA8	4	
CLK 02	00193E84	34384C0F	009426FA	103238B6	00000000	00000000	00951EBA	D3F9ECA8	F3	36	D3F9ECA8	4	
CLK 03	00932F39	446A84C4	FFFE107E	6470981C	00000000	00000000	00951EBA	D3F9ECA8	F3	35	D3F9ECA8	4	
CLK 04	00913FB7	ACD81CE0	E0265E72	88D50988	00000000	00000001	00951EBA	D3F9ECA8	F3	34	D3F9ECA8	4	
CLK 05	008D6094	7DBCA018	18227F6F	598639C0	00000000	00000003	00951EBA	D3F9ECA8	F3	33	D3F9ECA8	4	
CLK 06	0085A2AE	1F7EAD88	881AC168	F4789A30	00000000	00000007	00951EBA	D3F9ECA8	F3	32	D3F9ECA8	4	
CLK 07	007626A1	63036E68	680B455C	3EFD5810	00000000	0000000F	00951EBA	D3F9ECA8	F3	31	D3F9ECA8	4	
CLK 08	00572E87	E40CF028	28EC4342	C6060C00	00000000	0000001F	00951EBA	D3F9ECA8	F3	30	D3F9ECA8	4	
CLK 09	00193E84	F81F73A8	A8AE530F	D419E050	00000000	0000003F	00951EBA	D3F9ECA8	F3	2F	D3F9ECA8	4	
CLK 10	FFD05DE9	1445FAA8	A8327CA9	F03FE750	00000000	0000007F	00951EBA	D3F9ECA8	F3	2E	D3F9ECA8	4	
CLK 11	FFCFDA99	0485E1F8	FF3AB3DE	288BF550	00000000	000000FE	00951EBA	D3F9ECA8	F3	2D	D3F9ECA8	4	
CLK 12	0034D33E	E5059098	FF9FB532	0908C3F0	00000000	000001FC	00951EBA	D3F9ECA8	F3	2C	D3F9ECA8	4	
CLK 13	FFD4891E	EE117488	8869A7D9	CA086130	00000000	000003F9	00951EBA	D3F9ECA8	F3	2B	D3F9ECA8	4	
CLK 14	003E30F8	881C05B8	FFA9123D	DC22E910	00000000	000007F2	00951EBA	D3F9ECA8	F3	2A	D3F9ECA8	4	
CLK 15	FFF74336	943FBEC8	C87C61F1	7039A970	00000000	00000FE5	00951EBA	D3F9ECA8	F3	29	D3F9ECA8	4	
CLK 16	0063A528	04796A38	FFCE866D	287F7090	00000000	00001FCA	00951EBA	D3F9ECA8	F3	28	D3F9ECA8	4	
CLK 17	00322895	2CF8E7C8	C8C74A50	08F2D470	00000000	00003F95	00951EBA	D3F9ECA8	F3	27	D3F9ECA8	4	
CLK 18	FFCF386F	70F7E2E8	E864572A	59F1CF90	00000000	00007FD3	00951EBA	D3F9ECA8	F3	26	D3F9ECA8	4	
CLK 19	00338F99	07E9B278	FF9E73DE	F8EFC5D0	00000000	0000FE56	00951EBA	D3F9ECA8	F3	25	D3F9ECA8	4	
CLK 20	FFD20078	D3D97848	48671F3D	AFD364F0	00000000	0001FCAD	00951EBA	D3F9ECA8	F3	24	D3F9ECA8	4	
CLK 21	00391FAC	83ACD038	FFA400F1	A7B2F090	00000000	0003F95A	00951EBA	D3F9ECA8	F3	23	D3F9ECA8	4	
CLK 22	FFD0209E	2B5FC0C8	C8723F59	0759A970	00000000	0007F2B5	00951EBA	D3F9ECA8	F3	22	D3F9ECA8	4	
CLK 23	00455FF7	32B98838	FFBA413C	568F9890	00000000	000FE56A	00951EBA	D3F9ECA8	F3	21	D3F9ECA8	4	
CLK 24	0009A133	897973C8	C89EBFE6	65731070	00000000	001FCAD5	00951EBA	D3F9ECA8	F3	20	D3F9ECA8	4	
CLK 25	FF7E23AC	76F85AE8	E8134267	12F24790	00000000	003F95A3	00951EBA	D3F9ECA8	F3	1F	D3F9ECA8	4	
CLK 26	FF916613	49EAA278	FFFC4758	60F0B5D0	00000000	007F2856	00951EBA	D3F9ECA8	F3	1E	D3F9ECA8	4	
CLK 27	FFB7EAE1	6FCF3198	FF22CC26	93D544F0	00000000	00FE56AC	00951EBA	D3F9ECA8	F3	1D	D3F9ECA8	4	
CLK 28	0004F47D	8B984FD8	FF6FD5C2	0F9E6330	00000000	01FCAD58	00951EBA	D3F9ECA8	F3	1C	D3F9ECA8	4	
CLK 29	FF74CA40	9336B303	0809E8FB	77309FB0	00000000	03F95A81	00951EBA	D3F9ECA8	F3	1B	D3F9ECA8	4	
CLK 30	FF7E333C	12675288	FFE99481	366D6610	00000000	07F28562	00951EBA	D3F9ECA8	F3	1A	D3F9ECA8	4	
CLK 31	FF928533	00C89218	FFF66678	24CEA570	00000000	0FE56AC4	00951EBA	D3F9ECA8	F3	19	D3F9ECA8	4	

TEST FDL	N9 30	FC 5	R FDB5ECR2	EW OF951EBA	RU1 F7E6E3A5	EWU1 DBF9ECA8								
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW		
CLK 32	FFBA2920	DD8810D8	FF250A66	01912430	00000000	1FCAD588	00951EBA	DBF9ECA8	F3	18	DBF9ECA8	4		
CLK 33	000970FC	97100E58	FF745241	9B162180	00000000	3F95A810	00951EBA	DBF9ECA8	F3	17	DBF9ECA8	4		
CLK 34	FF70C33E	52263008	0812E1F9	2E201C80	00000000	7F2B5621	00951EBA	DBF9ECA8	F3	16	DBF9ECA8	4		
CLK 35	FF90A537	80464CB8	FFFB867C	A44C6010	00000000	FE56AC42	00951EBA	DBF9ECA8	F3	15	DBF9ECA8	4		
CLK 36	FFB66929	DC868618	FF214A6F	008C9970	00000001	FCAD5884	00951EBA	DBF9ECA8	F3	14	DBF9ECA8	4		
CLK 37	0001F10E	9506F8D8	FF6CD253	890D0C30	00000003	F95AB108	00951EBA	DBF9ECA8	F3	13	DBF9ECA8	4		
CLK 38	FF6EC362	4E140508	0803E21D	2A0DF1B0	00000007	F2856211	00951EBA	DBF9ECA8	F3	12	DBF9ECA8	4		
CLK 39	FF72A57F	7821F6B8	FFDD86C4	9C280A10	0000000F	E56AC422	00951EBA	DBF9ECA8	F3	11	DBF9ECA8	4		
CLK 40	FF7A69B9	CC3DDA18	FFE54AFE	F043ED70	0000001F	CAD58844	00951EBA	DBF9ECA8	F3	10	DBF9ECA8	4		
CLK 41	FF89F22E	7475A0D8	FFF4D373	987BB430	0000003F	95AB1088	00951EBA	DBF9ECA8	F3	0F	DBF9ECA8	4		
CLK 42	FFA90317	64E5E2E8	FF13E45C	E8E841B0	0000007F	2B562110	00951EBA	DBF9ECA8	F3	0E	DBF9ECA8	4		
CLK 43	FFE724EA	65C44958	FF52062F	89CA5CB0	000000FE	56AC4220	00951EBA	DBF9ECA8	F3	0D	DBF9ECA8	4		
CLK 44	0063688F	A7827F58	FFCE49D4	C88892B0	000001FC	AD588440	00951EBA	DBF9ECA8	F3	0C	DBF9ECA8	4		
CLK 45	00319264	730B1208	08C6D11F	4F04FE80	000003F9	5AB10881	00951EBA	DBF9ECA8	F3	0B	DBF9ECA8	4		
CLK 46	FFCE460E	0A1C3768	686364C8	E6162410	000007F2	B5621103	00951EBA	DBF9ECA8	F3	0A	DBF9ECA8	4		
CLK 47	0031AAD6	F0325978	FF9C8C1C	14386ED0	00000FE5	6AC42206	00951EBA	DBF9ECA8	F3	09	DBF9ECA8	4		
CLK 48	FFCE36F3	046ACA44	486355AD	E064B6F0	00001FCA	D588440D	00951EBA	DBF9ECA8	F3	08	DBF9ECA8	4		
CLK 49	00318CA0	E4CF8138	FF9C6DE6	08D59490	00003F95	AB10881A	00951EBA	DBF9ECA8	F3	07	DBF9ECA8	4		
CLK 50	FFCFDAF6	EDA51538	C8631941	C99F0270	00007F2B	56211035	00951EBA	DBF9ECA8	F3	06	DBF9ECA8	4		
CLK 51	003113C8	B7441838	FF9BF50D	DB442B90	0000FE56	AC42206A	00951EBA	DBF9ECA8	F3	05	DBF9ECA8	4		
CLK 52	FFCD08D6	928E43C8	C8622791	6E883070	0001FCAD	588440D5	00951EBA	DBF9ECA8	F3	04	DBF9ECA8	4		
CLK 53	002F3068	01167438	FF9A11AD	251C8790	0003F95A	B10881AA	00951EBA	DBF9ECA8	F3	03	DBF9ECA8	4		
CLK 54	FFC94215	2632F8C8	C85E60D0	022CE870	0007F2B5	62110355	00951EBA	DBF9ECA8	F3	02	DBF9ECA8	4		
CLK 55	0027A2E5	285FE438	FF92842A	4C65F790	000FE56A	C42206AA	00951EBA	DBF9ECA8	F3	01	DBF9ECA8	4		
CLK 56	FFBA270F	74C5DBC8	C84F45CA	50BF8C70	001FCAD5	88440D55	00951EBA	DBF9ECA8	F3	00	DBF9ECA8	4		
CLK 57	00096CD9	C585A438	FF744E1E	E98BB790	003F95AB	10881AA4	00951EBA	DBF9ECA8	F3	FF	DBF9ECA8	4		
CLK 58	007F2B56	21103555	C812D9B3	880B4870	007F2B56	21103555	00951EBA	DBF9ECA8	F3	FE	DBF9ECA8	4		
PH 09	FF80D4A9	DEEFCAA8	007F2B56	21103555	007F2B56	21103555	00951EBA	DBF9ECA8	F3	FE	DEEFCAA8	4		
PH 10	FF80D4A9	DEEFCAA8	007F2B56	21103555	007F2B56	21103555	00951EBA	DBF9ECA8	0C	FE	CC80D4A9	4		

TEST FDL	N9 31	FC 5	R 61B54E82	EW D73FB31A	RU1 EA62C8FF	EWU1 F93DC90A								
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW		
PH 01	00B54E82	61000000	00000000	00000000	00000000	00000000	00000000	00000000	0C	FE	61B54E82	4		
PH 02	033FB31A	D7000000	00B54E82	61000000	00000000	00000000	00000000	00000000	00	00	D73FB31A	0		
PH 03	FFF5019D	39000000	00B54E82	61800000	00000000	00000000	FF3FB31A	D7800000	00	00	EA62C8FF	0		
PH 04	FFF5019D	F930C90A	00B54E82	EA62C8FF	00000000	00000000	FF3FB31A	D7800000	39	0C	F93DC90A	0		
PH 06	00954E82	EA62C8FF	00B54E82	EA62C8FF	00000000	00000000	FF3FB31A	F93DC90A	39	00	F93DC90A	0		
PH 07	FFF5019D	F3A091F9	00B54E82	EA62C8FF	00000000	00000000	FF3FB31A	F93DC90A	39	00	F93DC90A	0		
PH 08	00B54E82	EA62C8FF	00B54E82	EA62C8FF	00000000	00000000	FF3FB31A	F93DC90A	39	37	F93DC90A	4		
CLK 02	00AA5070	CE035AE8	006A9D05	D4C591DE	00000000	00000000	FF3FB31A	F93DC90A	39	36	F93DC90A	4		
CLK 03	0094535C	95447FDA	DA54A741	9C0685D0	00000000	00000001	FF3FB31A	F93DC90A	39	35	F93DC90A	4		
CLK 04	00A859D4	23C6C6BE	BE28A699	2A88FDB4	00000000	00000003	FF3FB31A	F93DC90A	39	34	F93DC90A	4		
CLK 05	001066C3	40C85686	86D0B3A8	478D8D7C	00000000	00000007	FF3FB31A	F93DC90A	39	33	F93DC90A	4		
CLK 06	FF6080A1	7AD47616	1620C086	8196A50C	00000000	0000000F	FF3FB31A	F93DC90A	39	32	F93DC90A	4		
CLK 07	FF814E27	FC682322	FFC10142	F5A8EC2C	00000000	0000001E	FF3FB31A	F93DC90A	39	31	F93DC90A	4		
CLK 08	FFC2E934	FF89703A	FF029C4F	F8D64644	00000000	0000003C	FF3FB31A	F93DC90A	39	30	F93DC90A	4		
CLK 09	00461F4F	05F3316A	FF85D269	FF30FA74	00000000	00000078	FF3FB31A	F93DC90A	39	2F	F93DC90A	4		
CLK 10	FFC9F189	052428DE	DE8C3E9E	0BE662D4	00000000	000000F1	FF3FB31A	F93DC90A	39	2E	F93DC90A	4		
CLK 11	00583057	110A8EB2	FF97E372	0A4857BC	00000000	000001E2	FF3FB31A	F93DC90A	39	2D	F93DC90A	4		
CLK 12	FFF013C9	1352E66E	6EB060AE	22151D64	00000000	000003C5	FF3FB31A	F93DC90A	39	2C	F93DC90A	4		
CLK 13	09A07477	3D6803D2	FFE02792	36A5CCDC	00000000	0000078A	FF3FB31A	F93DC90A	39	2B	F93DC90A	4		
CLK 14	00809C09	740D07AE	AE40E8EE	74D007A4	00000000	00000F15	FF3FB31A	F93DC90A	39	2A	F93DC90A	4		
CLK 15	0040EB2D	E1595A66	66013812	E81BA15C	00000000	00001E2B	FF3FB31A	F93DC90A	39	29	F93DC90A	4		
CLK 16	FFC18976	9BF09DD6	D681D65B	C282D4CC	00000000	00003C57	FF3FB31A	F93DC90A	39	28	F93DC90A	4		
CLK 17	00435FD2	7EA372A2	FF8312ED	77E138AC	00000000	000078AE	FF3FB31A	F93DC90A	39	27	F93DC90A	4		
CLK 18	FFC672BF	F684AE4F	4E868FA4	FD46E544	00000000	000015D0	FF3FB31A	F93DC90A	39	26	F93DC90A	4		
CLK 19	004D3264	F3C99392	FF8CFE57F	ED095C9C	00000000	0001E2BA	FF3FB31A	F93DC90A	39	25	F93DC90A	4		
CLK 20	FFDA17E4	E0D4F02E	2E9A64C9	E7972724	00000000	0003C575	FF3FB31A	F93DC90A	39	24	F93DC90A	4		
CLK 21	00747CAE	C86C1752	FFB42FC9	C1A9E05C	00000000	00078AE4	FF3FB31A	F93DC90A	39	23	F93DC90A	4		
CLK 22	0028AC78	8A15F7AE	AEE8F95D	9D828EA4	00000000	000F15D5	FF3FB31A	F93DC90A	39	22	F93DC90A	4		
CLK 23	FF910C0C	0D699866	665158F1	142BEF5C	00000000	001E29AB	FF3FB31A	F93DC90A	39	21	F93DC90A	4		
CLK 24	FFF264FD	2195A7C2	FF221818	1AD370CC	00000000	003C5756	FF3FB31A	F93DC90A	39	20	F93DC90A	4		
CLK 25	008516DF	49ED867A	FFC4C9FA	43284F84	00000000	0078AF5C	FF3FB31A	F93DC90A	39	1F	F93DC90A	4		
CLK 26	0049E0D9	8D18D5FE	FE0A2D9E	93D80CF4	00000000	00F15D59	FF3FB31A	F93DC90A	39	1E	F93DC90A	4		
CLK 27	FFD374E1	136F7506	0693C1B3	1A31ABFC	00000000	01E28AB3	FF3FB31A	F93DC90A	39	1D	F93DC90A	4		
CLK 28	00673681	2DA12102	FFA6E99C	26DEEA0C	00000000	03C57566	FF3FB31A	F93DC90A	39	1C	F93DC90A	4		
CLK 29	000E201D	54809B0E	0ECE6D02	5B442420	00000000	078AEACD	FF3FB31A	F93DC90A	39	1B	F93DC90A	4		
CLK 30	FF58F355	A23DDF26	261C403A	A900161C	00000000	0F15D59B	FF3FB31A	F93DC90A	39	1A	F93DC90A	4		
CLK 31	FF783390	4B3DF542	FFB7E6AB	447BBE4C	00000000	1E28AB36	FF3FB31A	F93DC90A	39	19	F93DC90A	4		

TEST	N9	FC	R	EW	RU1	EWU1							
FDL	32	5	3D710AF4	D951B76F	B3B47FR7	D3A2RE6E							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	Sk	
CLK 32	008F063E	646CD4FA	FA3D4ECE	90CA468C	00000000	2982E6F5	FF51B76F	D3A28E6E	17	18	D3A28E6E	4	
CLK 33	006FC3EC	9C7C3862	621E0C7C	C8D9A9F4	00000000	5305CDEB	FF51B76F	D3A28E6E	17	17	D3A28E6E	4	
CLK 34	00313F49	0C9AFF32	32DF87D9	38F870C4	00000000	A60B99D7	FF51B76F	D3A28E6E	17	16	D3A28E6E	4	
CLK 35	FFB43601	EC088C02	D2627E92	1935FE64	00000001	4C1737AF	FF51B76F	D3A28E6E	17	15	D3A28E6E	4	
CLK 36	0016B494	060E8936	FF686C03	D98119A4	00000002	982E6F5E	FF51B76F	D3A28E6E	17	14	D3A28E6E	4	
CLK 37	FF7F2097	DFBFA4DA	DA2D6928	0C1D166C	00000005	305CDEBD	FF51B76F	D3A28E6E	17	13	D3A28E6E	4	
CLK 38	FFAC899F	E90CB946	FFFE412F	BF7F49B4	0000000A	60B9BD7A	FF51B76F	D3A28E6E	17	12	D3A28E6E	4	
CLK 39	00075C10	0416E81E	FF59137F	D7B9768C	00000014	C1737AF4	FF51B76F	D3A28E6E	17	11	D3A28E6E	4	
CLK 40	FF606FRF	DBD05EAA	AA0EB820	082DD03C	00000029	82E6F5E9	FF51B76F	D3A28E6E	17	10	D3A28E6E	4	
CLK 41	FF6F27AF	E3FE2EE6	FFC0DF1F	B7A0B054	00000053	05CDE9D2	FF51B76F	D3A28E6E	17	0F	D3A28E6E	4	
CLK 42	FF8C97EF	F459CF5E	FFDE4F5F	C7FC50CC	000000A6	0B9BD7A4	FF51B76F	D3A28E6E	17	0E	D3A28E6E	4	
CLK 43	FFC77870	1511104E	FF192FDF	E8B39EBC	0000014C	1737AF48	FF51B76F	D3A28E6E	17	0D	D3A28E6E	4	
CLK 44	003D3970	567F922E	FF8FEF0E	2A22209C	00000298	2E6F5E90	FF51B76F	D3A28E6E	17	0C	D3A28E6E	4	
CLK 45	FFCC2A50	80A1B2CA	CA7A72E0	ACFF245C	00000530	5CDEBD21	FF51B76F	D3A28E6E	17	0B	D3A28E6E	4	
CLK 46	00469D31	2DA0D726	FF9854A1	01436594	00000A60	B9BD7A42	FF51B76F	D3A28E6E	17	0A	D3A28E6E	4	
CLK 47	FFDECF1D2	2EE43C8A	BABD3A62	5B41AE4C	000014C1	737AF485	FF51B76F	D3A28E6E	17	09	D3A28E6E	4	
CLK 48	006C2C34	8A25EB06	FFBDE3A4	5DC87974	00002982	E6F5E90A	FF51B76F	D3A28E6E	17	08	D3A28E6E	4	
CLK 49	002A0F08	E7EE647A	7AD85869	1448D60C	00005305	CDEBD215	FF51B76F	D3A28E6E	17	07	D3A28E6E	4	
CLK 50	FFA5D721	A37F5762	62541F31	CFDCC8F4	0000A603	9BD7A42B	FF51B76F	D3A28E6E	17	06	D3A28E6E	4	
CLK 51	FFF9F6D3	735C2056	FF4BAE43	46FEAEC4	00014C17	37AF4856	FF51B76F	D3A28E6E	17	05	D3A28E6E	4	
CLK 52	00A23637	1315823E	FFF3E0A6	E68840AC	0002982E	6F5E90AC	FF51B76F	D3A28E6E	17	04	D3A28E6E	4	
CLK 53	009623DD	F9C0F2EA	EA446C6E	262B647C	0005305C	DEBD2159	FF51B76F	D3A28E6E	17	03	D3A28E6E	4	
CLK 54	007DFF2B	C73E7442	422C479B	F39B85D4	000A60B9	BD7A42B3	FF51B76F	D3A28E6E	17	02	D3A28E6E	4	
CLK 55	004DB5C7	621F76F2	F2FBFE57	8E7CE884	0014C173	7AF48567	FF51B76F	D3A28E6E	17	01	D3A28E6E	4	
CLK 56	FFED22FE	97E17C52	529B6B8E	C43EEDE4	002982EF	F5E90ACF	FF51B76F	D3A28E6E	17	00	D3A28E6E	4	
CLK 57	00888E9D	5C206A36	FFDA45FD	2FC2F8A4	005305CD	EBD2159E	FF51B76F	D3A28E6E	17	FF	D3A28E6E	4	
CLK 58	00A60B9B	D7A42B3D	DA11D1A	B840D46C	00A60B9B	D7A42B3D	FF51B76F	D3A28E6E	17	FE	D3A28E6E	4	
PH 09	FF59F464	285BD4C3	00A60B9B	D7A42B3D	00A60B9B	D7A42B3D	FF51B76F	D3A28E6E	17	FE	285BD4C3	4	
PH 10	FF59F464	285BD4C3	00A60B9B	D7A42B3D	00A60B9B	D7A42B3D	FF51B76F	D3A28E6E	17	FE	A659F464	4	

TEST	N9	FC	R	EW	RU1	EWU1							
FDL	33	5	511706C2	E4B39F7F	F3A59E7J	F4A22F6E							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	Sk	
PH 01	001706C2	51000000	00000000	00000000	00000000	00000000	00000000	00000000	E8	FE	511706C2	4	
PH 02	00339F7F	E4000000	001706C2	51000000	00000000	00000000	00000000	00000000	00	00	E4B39F7F	0	
PH 03	FFCAA642	36000000	001706C2	51800000	00000000	00000000	FFB39F7F	E4800000	00	00	F3A59E7J	0	
PH 04	FFCAA642	F4A22F6E	001706C2	F3A59E71	00000000	00000000	FFB39F7F	E4800000	36	00	F4A22F6E	0	
PH 06	001706C2	F3A59E71	001706C2	F3A59E71	00000000	00000000	FFB39F7F	F4A22F6E	36	00	F4A22F6E	0	
PH 07	FFCAA642	E847CDDF	001706C2	F3A59E71	00000000	00000000	FFB39F7F	F4A22F6E	36	00	F4A22F6E	0	
PH 08	001706C2	F3A59E71	001706C2	F3A59E71	00000000	00000000	FFB39F7F	F4A22F6E	36	37	F4A22F6E	4	
CLK 02	FFF1AD05	D3E06C50	002E0D85	E74B3CE2	00000000	00000000	FFB39F7F	F4A22F6E	36	36	F4A22F6E	4	
CLK 03	000FBAB8	C338A932	FFC35A0B	B7DA08A0	00000000	00000000	FFB39F7F	F4A22F6E	36	35	F4A22F6E	4	
CLK 04	FF031497	73131D2	021F7517	86715264	00000000	00000001	FFB39F7F	F4A22F6E	36	34	F4A22F6E	4	
CLK 05	FFF289AF	0184D436	FFA6292E	F62703A4	00000000	00000002	FFB39F7F	F4A22F6E	36	33	F4A22F6E	4	
CLK 06	003173DE	0E6778FE	FFE5135E	0309A86C	00000000	00000004	FFB39F7F	F4A22F6E	36	32	F4A22F6E	4	
CLK 07	0016873C	1171216A	6A62E79C	1CCEFF1C	00000000	00000009	FFB39F7F	F4A22F6E	36	31	F4A22F6E	4	
CLK 08	FFED0A78	17847242	422D0E78	22E242D4	00000000	00000013	FFB39F7F	F4A22F6E	36	30	F4A22F6E	4	
CLK 09	000D8C70	3A66B516	FFC153F0	2F08E484	00000000	00000026	FFB39F7F	F4A22F6E	36	2F	F4A22F6E	4	
CLK 10	FFCF1840	696F999A	9A1B78F0	74C06A2C	00000000	0000004D	FFB39F7F	F4A22F6E	36	2E	F4A22F6E	4	
CLK 11	FFEA9140	DE3003C6	FF9E30C0	02DF3334	00000000	0000009A	FFB39F7F	F4A22F6E	36	2D	F4A22F6E	4	
CLK 12	002183C1	C7D7D81E	FFD52291	8C7A078C	00000000	00000134	FFB39F7F	F4A22F6E	36	2C	F4A22F6E	4	
CLK 13	FFF6A583	8451DFAA	AA430603	8FAFB03C	00000000	00000269	FFB39F7F	F4A22F6E	36	28	F4A22F6E	4	
CLK 14	0039A887	14018FC6	FFED4807	08A3BF54	00000000	000004D2	FFB39F7F	F4A22F6E	36	2A	F4A22F6E	4	
CLK 15	0026F68E	1CA54F3A	3A73570E	28031FCC	00000000	000009A5	FFB39F7F	F4A22F6E	36	29	F4A22F6E	4	
CLK 16	00018C9C	2DECDCDE	E24DE01C	394AE974	00000000	00001343	FFB39F7F	F4A22F6E	36	28	F4A22F6E	4	
CLK 17	FFB68888	5079CB32	32031938	5BD99B34	00000000	00002697	FFB39F7F	F4A22F6E	36	27	F4A22F6E	4	
CLK 18	FFB9D1F0	AC5566F6	FF6D7170	A3F79664	00000000	00004D2E	FFB39F7F	F4A22F6E	36	26	F4A22F6E	4	
CLK 19	FFC00461	64089E7E	FF73A3E1	58AACDEC	00000000	00009A5C	FFB39F7F	F4A22F6E	36	25	F4A22F6E	4	
CLK 20	FFCC6942	D36FD08E	FF8008C2	C8113CF0	00000000	00013488	FFB39F7F	F4A22F6E	36	24	F4A22F6E	4	
CLK 21	FFF53305	B238E9AE	FF98D285	A6DE181C	00000000	00026970	FFB39F7F	F4A22F6E	36	23	F4A22F6E	4	
CLK 22	0016C49B	6FD5A7EE	F4CA660B	64777D5C	00000000	0004D2E0	FFB39F7F	F4A22F6E	36	22	F4A22F6E	4	
CLK 23	FFF12C96	04407FAA	4A2D8D16	DFAB4FDC	00000000	0009A5C1	FFB39F7F	F4A22F6E	36	21	F4A22F6E	4	
CLK 24	000E89AD	B3F8CF26	FFC2592D	A39AF934	00000000	00134882	FFB39F7F	F4A22F6E	36	20	F4A22F6E	4	
CLK 25	FFD112D8	5C93CDBA	BA1D735B	67F19E4C	00000000	00269705	FFB39F7F	F4A22F6E	36	1F	F4A22F6E	4	
CLK 26	FFEE8676	C4856C06	FFA22596	89279B74	00000000	004D2F0A	FFB39F7F	F4A22F6E	36	1E	F4A22F6E	4	
CLK 27	00296CED	946A889E	FFDD0C6D	890AD80C	00000000	009A5C14	FFB39F7F	F4A22F6E	36	1D	F4A22F6E	4	
CLK 28	0006795B	1D7380AA	AA52D9DB	28D1513C	00000000	01348829	FFB39F7F	F4A22F6E	36	1C	F4A22F6E	4	
CLK 29	FFC09236	2F8930C2	C20CF236	3AE70154	00000000	00269705	FFB39F7F	F4A22F6E	36	1B	F4A22F6E	4	
CLK 30	FFCD84FC	6A703216	FF81246C	5F126184	00000000	04D2E0A6	FFB39F7F	F4A22F6E	36	1A	F4A22F6E	4	
CLK 31	FFE76A58	E03E34RE	FF98D9D8	D4E0642C	00000000	09A5C14C	FFB39F7F	F4A22F6E	36	19	F4A22F6E	4	

Table with columns: TEST No, FC, R, EW, RU1, EWU1, and data rows including CYCLE, CLK, PH, and SW. Contains 10 rows of test data for floating point simulation.

Table with columns: TEST No, FC, R, EW, RU1, EWU1, and data rows including CYCLE, PH, and SW. Contains 31 rows of test data for floating point simulation.

Table with columns: TEST, N9, FC, R, EW, RU1, EWU1, CYCLE, S, A, B, D, E, F, FP, SW. Contains simulation data for test FDL 35 5.

Table with columns: TEST, N9, FC, R, EW, RU1, EWU1, CYCLE, S, A, B, D, E, F, FP, SW. Contains simulation data for test FDL 36 5.

Table with columns: TEST N, FC, R, EW, RU1, EWU1, CYCLE, S, A, B, D, E, F, FP, SW. Rows include test IDs like FDL 36 5 and simulation results for various cycles and test cases.

Table with columns: TEST N, FC, R, EW, RU1, EWU1, CYCLE, S, A, B, D, E, F, FP, SW. Rows include test IDs like FDL 37 5 and simulation results for various cycles and test cases.

TEST N°	FC	R	EW	RU1	EWU1											
FOL	37	5	D7FD8531	1C089B76	37560162	50B1EAB9										
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)	E	F	FP	SW				
CLK 29	007030DD	08EC49B0	FFE68577	FD0D9E20	00000000	02216806	0089B765	0B1EAB90	0C	1B	50B1EAB9	4				
CLK 30	0056C255	0689E7D0	D0E0793A	11D89360	00000000	0442D00D	0089B765	0B1EAB90	0C	1A	50B1EAB9	4				
CLK 31	0023CD45	02552410	10ADR4AA	0D73CFA0	00000000	0885A01B	0089B765	0B1EAB90	0C	19	50B1EAB9	4				
CLK 32	FFBDE324	F989C990	90479A8A	04AA4820	00000000	110384037	0089B765	0B1EAB90	0C	18	50B1EAB9	4				
CLK 33	00057DAE	FE35E4B0	FF7BC649	F3173920	00000000	2216806E	0089B765	0B1EAB90	0C	17	50B1EAB9	4				
CLK 34	FF8143F8	F14D10DD	D00AFB5D	FC6BC960	00000000	442D00DD	0089B765	0B1EAB90	0C	16	50B1EAB9	4				
CLK 35	FF8C3F56	E088E730	FF0287F1	E29A3BA0	00000000	885A01BA	0089B765	0B1EAB90	0C	15	50B1EAB9	4				
CLK 36	FFA23612	E69079F0	FF187EAD	D871CE60	00000001	10B40374	0089B765	0B1EAB90	0C	14	50B1EAB9	4				
CLK 37	FFCE23A8	D83F9F70	FF446C25	CD20F3E0	00000002	216806E8	0089B765	0B1EAB90	0C	13	50B1EAB9	4				
CLK 38	0025FE7A	BB9DEA70	FF9C4715	B07F3EE0	00000004	42D00DD0	0089B765	0B1EAB90	0C	12	50B1EAB9	4				
CLK 39	FFC2A590	6C1D2950	5048FCF5	773BD4E0	00000008	85A013A1	0089B765	0B1EAB90	0C	11	50B1EAB9	4				
CLK 40	000E4285	E358FE30	FF848B20	D83A52A0	00000011	08403742	0089B765	0B1EAB90	0C	10	50B1EAB9	4				
CLK 41	FF92CDA6	B99350D0	D01C850B	C6B1FC60	00000022	16806E85	0089B765	0B1EAB90	0C	0F	50B1EAB9	4				
CLK 42	FFA82382	R2454D30	FF25934D	7726A1A0	00000044	2D00DD0A	0089B765	0B1EAB90	0C	0E	50B1EAB9	4				
CLK 43	FFE85CCA	0FA945F0	FF5EA565	048A9A60	00000088	5A01BA14	0089B765	0B1EAB90	0C	0D	50B1EAB9	4				
CLK 44	005A70F9	2A713770	FFD0B994	1F528BE0	00000110	54037428	0089B765	0B1EAB90	0C	0C	50B1EAB9	4				
CLK 45	002B2A8D	49C3C350	50B4E1F2	54E26EE0	00000221	6806E851	0089B765	0B1EAB90	0C	0B	50B1EAB9	4				
CLK 46	FFCC9D85	8868D910	1056551A	938786A0	00000442	D00DD0A3	0089B765	0B1EAB90	0C	0A	50B1EAB9	4				
CLK 47	0022F2D0	13F061B0	FF993368	10D1B620	00000885	A013A146	0089B765	0B1EAB90	0C	09	50B1EAB9	4				
CLK 48	FFBC2E3B	2CC217D0	D045E5A0	37E0C360	0000110B	4037428D	0089B765	0B1EAB90	0C	08	50B1EAB9	4				
CLK 49	000213DB	64A2D930	FF785C76	59842FA0	00002216	806E851A	0089B765	0B1EAB90	0C	07	50B1EAB9	4				
CLK 50	FF7A7051	BE270AD0	D00427B6	C945B660	0000442D	00DD0A35	0089B765	0B1EAB90	0C	06	50B1EAB9	4				
CLK 51	FF7E9808	876CC130	FFF4E0A3	7C4E15A0	0000885A	01BA146A	0089B765	0B1EAB90	0C	05	50B1EAB9	4				
CLK 52	FF86E776	19F82DF0	FFFD3011	0FD98260	000110B4	037428D4	0089B765	0B1EAB90	0C	04	50B1EAB9	4				
CLK 53	FF978651	3F0F0770	FFD0CCEC	33F058E0	00022168	06E851A8	0089B765	0B1EAB90	0C	03	50B1EAB9	4				
CLK 54	FFB8C407	R93CBA70	FF2F0CA2	7E1E0EE0	0000442D	0DD0A350	0089B765	0B1EAB90	0C	02	50B1EAB9	4				
CLK 55	FFF83F74	1D982070	FF71880F	127974E0	000085A0	1BA146A0	0089B765	0B1EAB90	0C	01	50B1EAB9	4				
CLK 56	000364D0	464EEC70	FFF67EE8	3B3040E0	00110B40	37428D40	0089B765	0B1EAB90	0C	00	50B1EAB9	4				
CLK 57	00768535	817F2D50	50004C9A	8C9DD8E0	00221680	6E851A81	0089B765	0B1EAB90	0C	FF	50B1EAB9	4				
CLK 58	00442D00	DD0A3503	10ED6A6B	00DF5AA0	00442D00	DD0A3503	0089B765	0B1EAB90	0C	FE	50B1EAB9	4				
PH 09	FFBBD2FF	22F5CAFD	00442D00	DD0A3503	00442D00	DD0A3503	0089B765	0B1EAB90	0C	FE	22F5CAFD	4				
PH 10	FFBBD2FF	22F5CAFD	00442D00	DD0A3503	00442D00	DD0A3503	0089B765	0B1EAB90	F3	FE	B3BBD2FF	4				

TEST N°	FC	R	EW	RU1	EWU1											
FOL	38	5	32C379D5	248C3A1F	AEC68424	173CA2DC										
CYCLE	S(45*71)	S(00*31)	A(47*71)	A(00*31)	B(48*71)	B(00*31)	D(46*71)	D(00*31)	E	F	FP	SW				
PH 01	03C379D5	B2000000	00000000	00000000	00000000	00000000	00000000	00000000	F3	FE	32C379D5	4				
PH 02	008C3A1F	24000000	FFC379D5	B2000000	00000000	00000000	00000000	00000000	00	0C	248C3A1F	C				
PH 03	FF373FR6	29800000	FFC379D5	40800000	00000000	00000000	008C3A1F	24000000	00	0C	AEC68424	0				
PH 04	FF373FR6	173CA2DC	FFC379D5	AEC68424	00000000	00000000	008C3A1F	24000000	29	00	173CA2DC	0				
PH 06	003C862A	513973D0	FFC379D5	AEC68424	00000000	00000000	008C3A1F	173CA2DC	29	00	173CA2DC	0				
PH 07	FFB34C09	39FC0900	003C862A	513973D0	00000000	00000000	008C3A1F	173CA2DC	29	00	173CA2DC	0				
PH 08	003C862A	513973D0	003C862A	513973D0	00000000	00000000	008C3A1F	173CA2DC	29	37	173CA2DC	4				
CLK 02	FFE02935	8B3654DC	00790C54	A272F788	00000000	00000000	008C3A1F	173CA2DC	29	36	173CA2DC	4				
CLK 03	0065DE9A	2DA94C94	FFD9A46B	166CA988	00000000	00000000	008C3A1F	173CA2DC	29	35	173CA2DC	4				
CLK 04	003F82F5	4415F64C	4CCBB714	59529928	00000000	00000000	008C3A1F	173CA2DC	29	34	173CA2DC	4				
CLK 05	FFF2C3CB	70EF499C	BC7F05EA	882BCE98	00000000	00000000	008C3A1F	173CA2DC	29	33	173CA2DC	4				
CLK 06	0071D1R5	F91B3654	FFE59796	E1DE9378	00000000	00000000	008C3A1F	173CA2DC	29	32	173CA2DC	4				
CLK 07	0057694C	DAF9C9CC	CCE3A368	F2366CA8	00000000	00000000	008C3A1F	173CA2DC	29	31	173CA2DC	4				
CLK 08	0022987A	9FB6F08C	9CAED299	85F39398	00000000	00000013	008C3A1F	173CA2DC	29	30	173CA2DC	4				
CLK 09	FFB8F606	26313E9C	9C4530F5	306DE178	00000000	00000037	008C3A1F	173CA2DC	29	2F	173CA2DC	4				
CLK 10	FFFE27CB	639F2014	FF71E0AC	40627038	00000000	0000006E	008C3A1F	173CA2DC	29	2E	173CA2DC	4				
CLK 11	00888985	DE74E304	FFFC4F96	C73E4028	00000000	000000DC	008C3A1F	173CA2DC	29	2D	173CA2DC	4				
CLK 12	0084D94C	A5B9232C	2C11134B	BCF5C608	00000000	00000189	008C3A1F	173CA2DC	29	2C	173CA2DC	4				
CLK 13	0070787A	3435A37C	7C09B299	49724658	00000000	00000373	008C3A1F	173CA2DC	29	2B	173CA2DC	4				
CLK 14	006E86D5	512E441C	1CFAF0F4	686846F8	00000000	000006E7	008C3A1F	173CA2DC	29	2A	173CA2DC	4				
CLK 15	00513383	832A455C	5CDD6DAA	A25D4838	00000000	000000CF	008C3A1F	173CA2DC	29	29	173CA2DC	4				
CLK 16	00162CF7	FF0447DC	DCA26717	16414A88	00000000	0000139F	008C3A1F	173CA2DC	29	28	173CA2DC	4				
CLK 17	FFA01F0D	E6CCACC0	0DC259EF	FE094F88	00000000	0000373F	008C3A1F	173CA2DC	29	27	173CA2DC	4				
CLK 18	FFCC79C0	E4D5FC94	FF403FA1	CD995988	00000000	00006E7E	008C3A1F	173CA2DC	29	26	173CA2DC	4				
CLK 19	00252DA0	E0E89C00	FF98F381	C9ABF928	00000000	000000CF	008C3A1F	173CA2DC	29	25	173CA2DC	4				
CLK 20	FFRE2122	AA94952C	2C4A5B41	C1D13808	00000000	000189F9	008C3A1F	173CA2DC	29	24	173CA2DC	4				
CLK 21	00087C64	6C65CD34	FF7C4245	55292A58	00000000	000373F2	008C3A1F	173CA2DC	29	23	173CA2DC	4				
CLK 22	FFR48EA9	C18EF78C	8C10F8C8	8BC9A668	00000000	0006E7E5	008C3A1F	173CA2DC	29	22	173CA2DC	4				
CLK 23	FF958772	9A5A91F4	FF097053	7810EF18	00000000	0000CFCA	008C3A1F	173CA2DC	29	21	173CA2DC	4				
CLK 24	FFB7A9F4	4BF1C6C4	FF2B6EE5	34B523E8	00000000	00139F94	008C3A1F	173CA2DC	29	20	173CA2DC	4				
CLK 25	FFB38C27	AF203064	FF6F5208	97E38D88	00000000	00373F28	008C3A1F	173CA2DC	29	1F	173CA2DC	4				
CLK 26	0083526E	757D03A4	FFF7184F	5E4060C8	00000000	006F7E50	008C3A1F	173CA2DC	29	1E	173CA2DC	4				
CLK 27	0074A6BD	D3B6466C	6C06A40C	EAF07A8	00000000	00DFCA1	008C3A1F	173CA2DC	29	1D	173CA2DC	4				
CLK 28	00689B5C	903E25FC	FCF4D57B	A77AC8D8	00000000	0189F943	008C3A1F	173CA2DC	29	1C	173CA2DC	4				
CLK 29	0044BFC9	093FA91C	1CD13689	207C4BF8	00000000	0373F287	008C3A1F	173CA2DC	29	1A	173CA2DC	4				
CLK 30	FFDF4F14	F342AF5C	5C89F934	127F5238	00000000	06E7E50F	008C3A1F	173CA2DC	29	13	173CA2DC	4				
CLK 31	00878B49	0DC20194	FFF7B7E9	F6855E88	00000000	0DCFC41E	008C3A1F	173CA2DC	29	19	173CA2DC	4				

TEST N#	FC	R	EW	RU1	EWU1									
FOL	38	5	92C379D5	248C3A1F	AEC68424	173CA2DC								
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
CLK 32	00833673	0447604C	4C0F7092	18840328	00000000	189F943D	008C3A1F	173CA2DC	29	18	173CA2DC	4		
CLK 33	007A32C6	F15210BC	8C066CE6	088EC098	00000000	373F287B	008C3A1F	173CA2DC	29	17	173CA2DC	4		
CLK 34	00682B6E	C867989C	9CF4658D	E2A43878	00000000	6E7E50F7	008C3A1F	173CA2DC	29	16	173CA2DC	4		
CLK 35	00441C8E	7F928E5C	5CD056DD	96CF3138	00000000	DCFC41EF	008C3A1F	173CA2DC	29	15	173CA2DC	4		
CLK 36	FFF8FF5D	E7E879DC	DC88397C	FF251C88	00000001	89F943DF	008C3A1F	173CA2DC	29	14	173CA2DC	4		
CLK 37	008438DA	E70D9694	FFF7FE8B	CFD0F388	00000003	73F287BE	008C3A1F	173CA2DC	29	13	173CA2DC	4		
CLK 38	007C3796	B6DE8A4C	4C087185	CE182D28	00000006	E7E50F7D	008C3A1F	173CA2DC	29	12	173CA2DC	4		
CLK 39	006C350E	568071BC	BCF86F2D	6D8D1498	0000000D	CFCA1EFB	008C3A1F	173CA2DC	29	11	173CA2DC	4		
CLK 40	004C2FFD	95C4409C	9CD86A1C	A00E378	00000018	9F943DF7	008C3A1F	173CA2DC	29	10	173CA2DC	4		
CLK 41	000C25DC	1448DE5C	5C985FFB	28888138	00000037	3F287BEF	008C3A1F	173CA2DC	29	0F	173CA2DC	4		
CLK 42	FF8C1199	115B19DC	DC184888	28978C88	0000006E	7E50F7DF	008C3A1F	173CA2DC	29	0E	173CA2DC	4		
CLK 43	FFA45D51	39F2D694	FF182332	22863388	000000DC	FCA1EFBE	008C3A1F	173CA2DC	29	0D	173CA2DC	4		
CLK 44	FFD4F4C1	8B225004	FF48BAA2	73E5AD28	000001B9	F943DF7C	008C3A1F	173CA2DC	29	0C	173CA2DC	4		
CLK 45	003623A2	2D8142E4	FFA9E983	1644A008	00000373	F287BEF8	008C3A1F	173CA2DC	29	0B	173CA2DC	4		
CLK 46	FFE0D265	43C5E2FC	EC6C4744	580285C8	000006E7	E50F7DF1	008C3A1F	173CA2DC	29	0A	173CA2DC	4		
CLK 47	004C5469	9EC868B4	FFC01A44	878BC5D8	000000CF	CA1EFBE2	008C3A1F	173CA2DC	29	09	173CA2DC	4		
CLK 48	000C68E4	26542E8C	8C98A8D3	3D90D168	00001B9F	943DF7C5	008C3A1F	173CA2DC	29	08	173CA2DC	4		
CLK 49	FF8CA349	3568BA3C	3C18D068	4CA85D18	0000373F	287BEF8B	008C3A1F	173CA2DC	29	07	173CA2DC	4		
CLK 50	FFA580B1	82141754	FF194692	6AD77478	00006E7E	50F7DF16	008C3A1F	173CA2DC	29	06	173CA2DC	4		
CLK 51	FFD73882	1864D184	FF4B0163	04282EA8	00000CFC	A1EFBE2C	008C3A1F	173CA2DC	29	05	173CA2DC	4		
CLK 52	003AB123	4E0645E4	FFAE7704	36C9A308	0001B9F9	43DF7C58	008C3A1F	173CA2DC	29	04	173CA2DC	4		
CLK 53	FFE92827	84CFE8EC	EC756246	9C0C8BC8	000373F2	87BEF8B1	008C3A1F	173CA2DC	29	03	173CA2DC	4		
CLK 54	005E8A6E	2DDC7484	FFD2504F	099FD1D8	0006E7E5	0F7DF162	008C3A1F	173CA2DC	29	02	173CA2DC	4		
CLK 55	0030DABD	2A7C468C	8CB014DC	4188E968	0000CFCA	1EFBE2C5	008C3A1F	173CA2DC	29	01	173CA2DC	4		
CLK 56	FFD57858	3DBBEA3C	3C61B574	54F88D18	00139F94	3DF7C583	008C3A1F	173CA2DC	29	00	173CA2DC	4		
CLK 57	003730D5	92847754	FFAAF686	7B77D478	00373F28	78EF8B16	008C3A1F	173CA2DC	29	FF	173CA2DC	4		
CLK 58	006E7E50	F7DF162D	CC6E61AB	2568EEA8	006E7E50	F7DF162D	008C3A1F	173CA2DC	29	FE	173CA2DC	4		
PH 09	FF9181AF	0820E9D3	006E7E50	F7DF162D	006E7E50	F7DF162D	008C3A1F	173CA2DC	29	FE	0820E9D3	4		
PH 10	FF9181AF	0820E9D3	006E7E50	F7DF162D	006E7E50	F7DF162D	008C3A1F	173CA2DC	D6	FE	969181AF	4		

TEST N#	FC	R	EW	RU1	EWU1								
FOL	39	5	9FA3E574	5B1B67C2	239CD278	BD573F1D							
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03A3E574	9F000000	00000000	00000000	00000000	00000000	00000000	00000000	D6	FE	9FA3E574	4	
PH 02	001B67C2	5B000000	FFA3E574	9F000000	00000000	00000000	00000000	00000000	00	00	5B1B67C2	0	
PH 03	FF887D82	05800000	FFA3E574	60800000	00000000	00000000	001B67C2	5B000000	00	00	239CD278	0	
PH 04	FF887D82	BD573F1D	FFA3E574	239CD278	00000000	00000000	001B67C2	5B000000	05	00	BD573F1D	0	
PH 06	005C1A88	DC632D88	FFA3E574	239CD278	00000000	00000000	001B67C2	BD573F1D	05	00	BD573F1D	0	
PH 07	004B2C29	1F08FE68	005C1A88	DC632D88	00000000	00000000	001B67C2	BD573F1D	05	00	BD573F1D	0	
PH 08	005C1A88	DC632D88	005C1A88	DC632D88	00000000	00000000	001B67C2	BD573F1D	05	37	BD573F1D	0	
PH 08	005C1A88	DC632D88	0005C1A8	80C632D8	00800000	00000000	001B67C2	BD573F1D	06	37	BD573F1D	4	
CLK 02	FFF01B8E	9E352694	000B8351	788C65B1	00000000	00000000	001B67C2	BD573F1D	06	36	BD573F1D	4	
CLK 03	FFF89EE0	39C18C45	FFE0371D	7C6A4D28	00000000	00000000	001B67C2	BD573F1D	06	35	BD573F1D	4	
CLK 04	0012A583	30DA57A7	FFF73D0C	7383188A	00000000	00000000	001B67C2	BD573F1D	06	34	BD573F1D	4	
CLK 05	0009E343	A45D7031	31254906	6184AF4E	00000000	00000001	001B67C2	BD573F1D	06	33	BD573F1D	4	
CLK 06	FFF85EC4	8B63A145	4513C687	48BAE062	00000000	00000003	001B67C2	BD573F1D	06	32	BD573F1D	4	
CLK 07	000C2548	D41F81A7	FFF0BDB9	16C7428A	00000000	00000006	001B67C2	BD573F1D	06	31	BD573F1D	4	
CLK 08	FFF82D04	EAE5C431	31184A97	A83D034E	00000000	0000000D	001B67C2	BD573F1D	06	30	BD573F1D	4	
CLK 09	0015D2AC	932C277F	FFF9C5A9	D5C88862	00000000	0000001A	001B67C2	BD573F1D	06	2F	BD573F1D	4	
CLK 10	000EF316	68EE4FE1	E12A5AD9	26458EFE	00000000	00000035	001B67C2	BD573F1D	06	2E	BD573F1D	4	
CLK 11	00027E6A	148560A5	A51DE62C	D1DC9FC2	00000000	0000006B	001B67C2	BD573F1D	06	2D	BD573F1D	4	
CLK 12	FFE99511	68B3A22D	2D04FC04	290AC14A	00000000	00000007	001B67C2	BD573F1D	06	2C	BD573F1D	4	
CLK 13	FFE9951E	948F4377	FFD32A22	D767045A	00000000	000001AE	001B67C2	BD573F1D	06	2B	BD573F1D	4	
CLK 14	FFF883D0	E6D3C608	FFDD23CB	297C86EE	00000000	0000035C	001B67C2	BD573F1D	06	2A	BD573F1D	4	
CLK 15	000C7E5E	8AFECB33	FFF11718	C9A78C16	00000000	00000688	001B67C2	BD573F1D	06	29	BD573F1D	4	
CLK 16	FFF09F54	58A65749	4918F0BD	15FD9666	00000000	00000071	001B67C2	BD573F1D	06	28	BD573F1D	4	
CLK 17	00169387	6EA3EDAF	FFF82BF4	B14CAE92	00000000	00001AE2	001B67C2	BD573F1D	06	27	BD573F1D	4	
CLK 18	00119FAC	1FF09C41	412D276E	DD47DB5E	00000000	000035C5	001B67C2	BD573F1D	06	26	BD573F1D	4	
CLK 19	00081795	8289F965	65237F58	3FE13882	00000000	00006683	001B67C2	BD573F1D	06	25	BD573F1D	4	
CLK 20	FFF4C768	478C93AD	AD102F2B	0513F2CA	00000000	0000D717	001B67C2	BD573F1D	06	24	BD573F1D	4	
CLK 21	0004F693	4CD0A677	FFE98E0D	8F79675A	00000000	0001AE2E	001B67C2	BD573F1D	06	23	BD573F1D	4	
CLK 22	FFE98563	DC4A0DD1	D109ED26	99A14CEE	00000000	00035C5D	001B67C2	BD573F1D	06	22	BD573F1D	4	
CLK 23	FFF8728A	75EB5A8F	FFDD0AC7	8A941BA2	00000000	000688BA	001B67C2	BD573F1D	06	21	BD573F1D	4	
CLK 24	000C4CD7	A92DF498	FFFOE514	ERD6857E	00000000	000D7174	001B67C2	BD573F1D	06	20	BD573F1D	4	
CLK 25	FFFD31EC	95044A19	191899AF	5258E936	00000000	001AE2E9	001B67C2	BD573F1D	06	1F	BD573F1D	4	
CLK 26	0015C938	E760934F	FFFA63D9	2A095432	00000000	0035C5D2	001B67C2	BD573F1D	06	1E	BD573F1D	4	
CLK 27	00102F75	1169E781	A1289737	CEC1269E	00000000	006883A5	001B67C2	BD573F1D	06	1D	BD573F1D	4	
CLK 28	0004F777	657C8FE5	E5205EEA	22D3CF02	00000000	00D71743	001B67C2	BD573F1D	06	1C	BD573F1D	4	
CLK 29	FFE98A4C	0DA1F0AD	AD09EE4E	AD91FCA	00000000	01AE2F97	001B67C2	BD573F1D	06	1B	BD573F1D	4	
CLK 30	FFF874DA	D8990077	FFDD0D18	1A43C15A	00000000	035C5D2E	001B67C2	BD573F1D	06	1A	BD573F1D	4	

TEST N#	FC	R	EW	RJ1	EWJ1	E	F	FP	SW
PDL	39	5	9FA3E574	531B67C2	239C0278	BD573F1D			
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	
CLK 31	000C5178	6E8D400B	FFFOE995	B13600EE	00000000	0688BA5C	001B67C2	BD573F1D	06 19 BD573F1D 4
CLK 32	FFF0382E	1FC340F9	F918A2F0	D01A8016	00000000	0D717489	001B67C2	BD573F1D	06 18 BD573F1D 4
CLK 33	00105DE1E	FCDDC10F	FFFA765C	3F8681F2	00000000	1AE2E972	001B67C2	BD573F1D	06 17 BD573F1D 4
CLK 34	00105473	3C644301	012B8C3D	F98B821E	00000000	35C5D2E5	001B67C2	BD573F1D	06 16 BD573F1D 4
CLK 35	00054133	BB7146E5	E520A8F6	78C88602	00000000	688BA5C8	001B67C2	BD573F1D	06 15 BD573F1D 4
CLK 36	FFEF1AA4	B98B4EAD	AD0A8267	76E28DCA	00000000	D7174B97	001B67C2	BD573F1D	06 14 BD573F1D 4
CLK 37	FFF99D0C	306D0C77	FFDE3549	73169D5A	00000001	AE2E972E	001B67C2	BD573F1D	06 13 BD573F1D 4
CLK 38	000EA10B	1E32F809	FFF33A18	60DB88EE	00000003	5C5D2E5C	001B67C2	BD573F1D	06 12 BD573F1D 4
CLK 39	00010BF3	7F0EB0F9	F91D43B6	3C65F016	00000006	88BA5C89	001B67C2	BD573F1D	06 11 BD573F1D 4
CLK 40	FFE85024	40C622D5	D503B7E6	FE1D61F2	0000000D	7174B973	001B67C2	BD573F1D	06 10 BD573F1D 4
CLK 41	FFC080B8	3EE384C7	FFD0A048	818C45AA	0000001A	E2E972E6	001B67C2	BD573F1D	06 0F BD573F1D 4
CLK 42	FFF377D9	3B1E4AAB	FFD81016	7DC7098E	00000035	C5D2E5CC	001B67C2	BD573F1D	06 0E BD573F1D 4
CLK 43	00025775	3393D073	FFE6EF82	763C9156	00000063	8BA5C398	001B67C2	BD573F1D	06 0D BD573F1D 4
CLK 44	FFE94777	A9D061C9	C904AEEA	6727A0E6	000000D7	174B9731	001B67C2	BD573F1D	06 0C BD573F1D 4
CLK 45	FFD0F612	10F802AF	FFD28E4F	53A0C392	000001AE	2E972E62	001B67C2	BD573F1D	06 0B BD573F1D 4
CLK 46	FFF753E6	DF474473	FFDBEC24	21F005E6	0000005C	5D2E5CC4	001B67C2	BD573F1D	06 0A BD573F1D 4
CLK 47	000A0F90	7B5E813	FFEA7C7D	8E8E88F6	00000068	BA5C8988	001B67C2	BD573F1D	06 09 BD573F1D 4
CLK 48	FFF8B75E	3A745109	09141F20	F7CB9026	00000D71	74897311	001B67C2	BD573F1D	06 08 BD573F1D 4
CLK 49	000CD67F	323FE12F	FFF16E9C	74E8A212	00001AE2	E972E622	001B67C2	BD573F1D	06 07 BD573F1D 4
CLK 50	FFF4E538	A7288341	4119ACFE	647FC25E	000035C5	02E5CC45	001B67C2	BD573F1D	06 06 BD573F1D 4
CLK 51	0017F23A	0BA8459F	FFFC8A77	4E510682	00006883	A5C8988A	001B67C2	BD573F1D	06 05 BD573F1D 4
CLK 52	00147C81	59F94C21	212FE474	17508B3E	0000D717	4B973115	001B67C2	BD573F1D	06 04 BD573F1D 4
CLK 53	000D919E	F6935925	2528F962	B3F29842	0001AE2E	972E6223	001B67C2	BD573F1D	06 03 BD573F1D 4
CLK 54	FFFBBB7D	2FDF732D	2D1B233F	ED368244	00035C5D	2E5CC457	001B67C2	BD573F1D	06 02 BD573F1D 4
CLK 55	001ADERD	1D162577	FFFF76FA	5FBEE65A	000688BA	5CB988EA	001B67C2	BD573F1D	06 01 BD573F1D 4
CLK 56	001A5587	7C050BD1	D1358D7A	3A2C4AEE	000D7174	B973115D	001B67C2	BD573F1D	06 00 BD573F1D 4
CLK 57	001943AC	3C5PD885	8534A86E	F9AA17A2	001AE2E9	72E622BB	001B67C2	BD573F1D	06 FF BD573F1D 4
CLK 58	0035C592	E5CC4577	ED328758	78A5B10A	0035C592	E5CC4577	001B67C2	BD573F1D	06 FE BD573F1D 4
PH 09	FPCA3A2D	1A33BA89	0035C592	E5CC4577	0035C5D2	E5CC4577	001B67C2	BD573F1D	06 FE 1A33BA89 4
PH 10	FPCA3A2D	1A33BA89	0035C592	E5CC4577	0035C5D2	E5CC4577	001B67C2	BD573F1D	F9 FE B9CA3A2D 4

TEST N#	FC	R	EW	RJ1	EWJ1	E	F	FP	SW
PDL	40	5	C3DC27A1	FC18A432	462C4E8A	EF710CFC			
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	
PH 01	03DC27A1	C30D0000	00000000	00000000	00000000	00000000	00000000	00000000	F9 FE C3DC27A1 4
PH 02	0318A432	FC000000	FFDC27A1	C3000000	00000000	00000000	00000000	00000000	00 00 FC18A432 0
PH 03	FF4C8D4	39000000	FFDC27A1	3C800000	00000000	00000000	FF18A432	FC800000	00 00 462C4E8A 0
PH 04	FF4C8D4	EF710CFC	FFDC27A1	462C4E8A	00000000	00000000	FF18A432	FC800000	39 00 EF710CFC 0
PH 06	0023D85E	B9D3B176	FFDC27A1	462C4E8A	00000000	00000000	FF18A432	EF710CFC	39 00 EF710CFC 0
PH 07	FF3C7C91	A944BE72	0023D85E	B9D3B176	00000000	00000000	FF18A432	EF710CFC	39 00 EF710CFC 0
PH 08	0023D85E	B9D3B176	0023D85E	B9D3B176	00000000	00000000	FF18A432	EF710CFC	39 37 EF710CFC 4
CLK 02	FF6054F0	63186FER	0047808D	73A762EC	00000000	00000000	FF18A432	EF710CFC	39 36 EF710CFC 4
CLK 03	FFA805AD	D6BF02D4	FFC0A9F0	C630DF00	00000000	00000000	FF18A432	FF710CFC	39 35 EF710CFC 4
CLK 04	00376728	BE0E9AAC	FF50095B	AD7FA5A8	00000000	00000000	FF18A432	EF710CFC	39 34 EF710CFC 4
CLK 05	FF877284	6B8F3E54	546ECE51	7C1D3158	00000000	00000001	FF18A432	EF710CFC	39 33 EF710CFC 4
CLK 06	FFF640D5	E7A96FAC	FF0EE508	D71C7CA8	00000000	00000002	FF18A432	EF710CFC	39 32 EF710CFC 4
CLK 07	00D3DD78	DFE5D25C	FFEC81AB	CF56DF58	00000000	00000004	FF18A432	EF710CFC	39 31 EF710CFC 4
CLK 08	00C05F24	AFC3C81B4	B4A7BAF1	8FCBA4B8	00000000	00000009	FF18A432	EF710CFC	39 30 EF710CFC 4
CLK 09	0099627C	4DEA7064	6480BE49	5F796368	00000000	00000013	FF18A432	FF710CFC	39 2F EF710CFC 4
CLK 10	0043699B	8B45EDC4	C432C4F8	9BD4E0C8	00000000	00000027	FF18A432	EF710CFC	39 2E EF710CFC 4
CLK 11	FFAF768A	05FCE884	8496D257	168BD988	00000000	0000004F	FF18A432	EF710CFC	39 2D EF710CFC 4
CLK 12	006448F1	1C88C40C	FFEED14	0BF9D108	00000000	0000009E	FF18A432	EF710CFC	39 2C EF710CFC 4
CLK 13	FFA535F5	28829514	148C91C2	39118818	00000000	0000013D	FF18A432	EF710CFC	39 2B EF710CFC 4
CLK 14	0031C7B7	61941D2C	FF4A63EA	51052A28	00000000	0000027A	FF18A432	EF710CFC	39 2A EF710CFC 4
CLK 15	FF7C33A1	B2994754	54638FAE	C3283A58	00000000	000004F5	FF18A432	EF710CFC	39 29 EF710CFC 4
CLK 16	FF0FC310	75C181AC	FF86743	65328EA8	00000000	000009EA	FF18A432	EF710CFC	39 28 EF710CFC 4
CLK 17	00A6F1ED	FC11F65C	FF8F8620	E8830358	00000000	000013D4	FF18A432	EF710CFC	39 27 EF710CFC 4
CLK 18	0066680E	E794F984	F823ECB8	00000000	00000000	000027A9	FF18A432	EF710CFC	39 26 EF710CFC 4
CLK 19	FF574F50	BE980064	64CCD01D	CF29F368	00000000	00004F53	FF18A432	EF710CFC	39 25 EF710CFC 4
CLK 20	00R2446E	8DC4F3CC	FFCAE8A1	703600C8	00000000	00009EA6	FF18A432	EF710CFC	39 24 EF710CFC 4
CLK 21	00702D10	0AF4F494	946488DD	1389E798	00000000	0013D40D	FF18A432	EF710CFC	39 23 EF710CFC 4
CLK 22	0C12FE53	0566F424	24FA5A20	15F5E928	00000000	00027A99	FF18A432	EF710CFC	39 22 EF710CFC 4
CLK 23	FF3EA098	FA3EF944	425FCA6	0ACDEC48	00000000	0004F537	FF18A432	EF710CFC	39 21 EF710CFC 4
CLK 24	FF649D7F	050CE58C	FF7D4191	F47DF288	00000000	0009EA6E	FF18A432	FF710CFC	39 20 EF710CFC 4
CLK 25	FFB096CB	1AARBF1C	FFC93AF6	0A19C318	00000000	0013D40C	FF18A432	EF710CFC	39 1F EF710CFC 4
CLK 26	00488963	45E06F3C	FF612D96	35517C38	00000000	0027A9B8	FF18A432	EF710CFC	39 1E EF710CFC 4
CLK 27	FFA9B6F9	7931E974	749112C6	89C0DE78	00000000	004F5371	FF18A432	EF710CFC	39 1D EF710CFC 4
CLK 28	003AC9C0	06F2C9EC	FF5360F2	F663D6E8	00000000	009EA6E2	FF18A432	EF710CFC	39 1C EF710CFC 4
CLK 29	FF8E3782	FD56A0D4	D4759380	0DE593D8	00000000	013D40C5	FF18A432	EF710CFC	39 1B EF710CFC 4
CLK 30	000C8B33	0B3C34AC	FF1C6F65	FAAD41A8	00000000	027A988A	FF18A432	EF710CFC	39 1A EF710CFC 4
CLK 31	FF203A99	05E97654	54079666	16786958	00000000	04F53715	FF18A432	EF710CFC	39 19 EF710CFC 4

TEST NO	FC	R	EW	RU1	EWU1				E	F	FP	SW
FOL 40	5	C3DC27A1	FC18A432	462C4E8A	EF710CFC							
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
CLK 32	FF27D0FF	1C61DFAC	FF407532	0BD2ECAF	00000000	09EA6E2A	FF18A432	EF710CFC	39	18	EF710CFC	4
CLK 33	FF36FDCB	4952B25C	FF4FA1FE	38C3BF58	00000000	13D4DC54	FF18A432	EF710CFC	39	17	EF710CFC	4
CLK 34	FF555763	A33457BC	FF6DFB96	92A564B8	00000000	27A9B8A8	FF18A432	EF710CFC	39	16	EF710CFC	4
CLK 35	FF920A94	56F7A27C	FFAAAEC7	4668AF78	00000000	4F537150	FF18A432	EF710CFC	39	15	EF710CFC	4
CLK 36	000B70F5	RE7E37FC	FF241528	ADFEF4F8	00000000	9EA6E2A0	FF18A432	EF710CFC	39	14	EF710CFC	4
CLK 37	FF2F861E	6C6D7CF4	F416E1EB	7CF6C6F8	00000001	3D4DC541	FF18A432	EF710CFC	39	13	EF710CFC	4
CLK 38	FF466809	E969ECEC	FF5F0C3C	D8DAF9E8	00000002	7A9B8A82	FF18A432	EF710CFC	39	12	EF710CFC	4
CLK 39	FF742BE0	E362CCDC	FF8CD013	D2D3D9D8	00000004	F5371504	FF18A432	EF710CFC	39	11	EF710CFC	4
CLK 40	FFCFB3BE	D7548CBC	FFE857C1	C6C599B8	00000009	EA6E2A08	FF18A432	EF710CFC	39	10	EF710CFC	4
CLK 41	0086C2EA	BF380C7C	FF9F671D	AEA91978	00000013	D4DC5410	FF18A432	EF710CFC	39	0F	EF710CFC	4
CLK 42	00262A08	6DE125F4	F40D85D5	7E7018F8	00000027	A988A321	FF18A432	EF710CFC	39	0E	EF710CFC	4
CLK 43	FF64F843	CB3358E4	E44C5410	D8C248E8	0000004F	53715043	FF18A432	EF710CFC	39	0D	EF710CFC	4
CLK 44	FFB14C54	A6F5A4CC	FFC9F087	9666B1C8	0000009E	A6E2A086	FF18A432	EF710CFC	39	0C	EF710CFC	4
CLK 45	0049F476	5E7A3C9C	FF6298A9	4DEB4998	0000013D	4DC5410C	FF18A432	EF710CFC	39	0B	EF710CFC	4
CLK 46	FFAC8D1F	AC658634	3493E8EC	8CF47938	0000027A	988A8219	FF18A432	EF710CFC	39	0A	EF710CFC	4
CLK 47	0040760C	6959FF6C	FF591A3F	58C80C68	000004F5	37150432	FF18A432	EF710CFC	39	09	EF710CFC	4
CLK 48	FF99904B	C22508D4	D480EC18	D2B3FD88	000009EA	6E2A0865	FF18A432	EF710CFC	39	08	EF710CFC	4
CLK 49	001A7C64	94D90AAC	FF332097	844A17A8	000013D4	DC5410CA	FF18A432	EF710CFC	39	07	EF710CFC	4
CLK 50	FF4D9CFC	19232254	5434F8C9	29B21558	000027A9	B8A82195	FF18A432	EF710CFC	39	06	EF710CFC	4
CLK 51	FF8295C5	42D537AC	FF9B39F8	324644A8	00004F53	7150432A	FF18A432	EF710CFC	39	05	EF710CFC	4
CLK 52	FFEC8757	9639625C	FF052B8A	85A46F58	00009EA6	E2A08654	FF18A432	EF710CFC	39	04	EF710CFC	4
CLK 53	00C06A7C	3D01B7BC	FFD90EAF	2C72C4B8	00013D4D	C5410CA8	FF18A432	EF710CFC	39	03	EF710CFC	4
CLK 54	0099792B	69747C74	7480D4F8	7A036F78	00027A98	8A821951	FF18A432	EF710CFC	39	02	EF710CFC	4
CLK 55	004B9649	C25A05E4	E432F256	D2E8F8E8	0004F537	150432A3	FF18A432	EF710CFC	39	01	EF710CFC	4
CLK 56	FFAF0146	742518C4	C4972D13	848408C8	0009EA6E	2A086547	FF18A432	EF710CFC	39	00	EF710CFC	4
CLK 57	0046FE59	F8D9248C	FF5FA28C	E84A3188	0013D4DC	5410CA8E	FF18A432	EF710CFC	39	FF	EF710CFC	4
CLK 58	0027A988	A821951D	148DFC83	F1824918	0027A988	A821951D	FF18A432	EF710CFC	39	FE	EF710CFC	4
PH 09	0027A988	A821951D	0027A988	A821951D	0027A988	A821951D	FF18A432	EF710CFC	39	FE	A821951D	4
PH 10	0027A988	A821951D	0027A988	A821951D	0027A988	A821951D	FF18A432	EF710CFC	39	FE	7927A988	4

TEST NO	FC	R	EW	RU1	EWU1				E	F	FP	SW
FDS 01	5	2B5FA631	1DAA9C62									
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW
PH 01	005FA631	29000000	00000000	00000000	00000000	00000000	00000000	00000000	39	FE	2B5FA631	4
PH 02	00AA9C62	1D000000	005FA631	2B000000	00000000	00000000	00000000	00000000	00	00	1DAA9C62	0
PH 03	FFB509CF	0F800000	005FA631	2B800000	00000000	00000000	00AA9C62	1D000000	00	00	0J000000	0
PH 04	FFB509CF	00000000	005FA631	0B000000	00000000	00000000	00AA9C62	1D000000	0E	00	00000000	0
PH 06	005FA631	00000000	005FA631	00000000	00000000	00000000	00AA9C62	00000000	0E	00	0J000000	0
PH 07	FFB509CF	00000000	005FA631	00000000	00000000	00000000	00AA9C62	00000000	0E	00	00000000	0
PH 08	005FA631	00000000	005FA631	00000000	00000000	00000000	00AA9C62	00000000	0E	17	0J000000	0
PH 09	00148000	00000000	008F4C62	00000000	00000000	00000000	00AA9C62	00000000	0E	16	0J000000	0
CLK 02	FF7EC39E	00000000	00296000	00000000	00000001	00000000	00AA9C62	00000000	0E	15	0J000000	0
CLK 04	FFA8239E	00000000	FFF8873C	00000000	00000002	00000000	00AA9C62	00000000	0E	14	0J000000	0
CLK 05	FFFAE39E	00000000	FF50473C	00000000	00000004	00000000	00AA9C62	00000000	0E	13	0J000000	0
CLK 06	00A0639E	00000000	FFF5C73C	00000000	00000008	00000000	00AA9C62	00000000	0E	12	0J000000	0
CLK 07	00962ADA	00000000	0040C73C	00000000	00000011	00000000	00AA9C62	00000000	0E	11	0J000000	0
CLK 08	00818952	00000000	002C55B4	00000000	00000023	00000000	00AA9C62	00000000	0E	10	0J000000	0
CLK 09	0058D642	00000000	000372A4	00000000	00000047	00000000	00AA9C62	00000000	0E	0F	0J000000	0
CLK 10	00071022	00000000	00B1AC84	00000000	0000008F	00000000	00AA9C62	00000000	0E	0E	0J000000	0
CLK 11	FF6383E2	00000000	000E2044	00000000	0000011F	00000000	00AA9C62	00000000	0E	0D	0J000000	0
CLK 12	FF71A426	00000000	FFC707C4	00000000	0000023E	00000000	00AA9C62	00000000	0E	0C	0J000000	0
CLK 13	FF8DE4AE	00000000	FFE3484C	00000000	0000047C	00000000	00AA9C62	00000000	0E	0B	0J000000	0
CLK 14	FFC645BE	00000000	FF18C95C	00000000	000008F8	00000000	00AA9C62	00000000	0E	0A	0J000000	0
CLK 15	003767DE	00000000	FF8CC37C	00000000	000011F0	00000000	00AA9C62	00000000	0E	09	0J000000	0
CLK 16	FFC4335A	00000000	006ECF8C	00000000	000023E1	00000000	00AA9C62	00000000	0E	08	0J000000	0
CLK 17	00330316	00000000	FF8866B4	00000000	000047C2	00000000	00AA9C62	00000000	0E	07	0J000000	0
CLK 18	FFB869CA	00000000	0066067C	00000000	00008F85	00000000	00AA9C62	00000000	0E	06	0J000000	0
CLK 19	00216FF6	00000000	FF76D394	00000000	00011FOA	00000000	00AA9C62	00000000	0E	05	0J000000	0
CLK 20	FF98438A	00000000	0042DFEC	00000000	00023E15	00000000	00AA9C62	00000000	0E	04	0J000000	0
CLK 21	FFD82376	00000000	FF30A714	00000000	00047C2A	00000000	00AA9C62	00000000	0E	03	0J000000	0
CLK 22	0060E34E	00000000	FFB646EC	00000000	0008F854	00000000	00AA9C62	00000000	0E	02	0J000000	0
CLK 23	00172A3A	00000000	00C1C69C	00000000	0011FOA9	00000000	00AA9C62	00000000	0E	01	0J000000	0
CLK 24	FF83B312	00000000	002E5474	00000000	0023E153	00000000	00AA9C62	00000000	0E	00	0J000000	0
CLK 25	FF920C46	00000000	FF077024	00000000	0047C2A6	00000000	00AA9C62	00000000	0E	FF	0J000000	0
CLK 26	008F854C	00000000	FF64190C	00000000	008F854C	00000000	00AA9C62	00000000	0E	FE	0J000000	0
PH 09	008F854C	00000000	008F854C	00000000	008F854C	00000000	00AA9C62	00000000	0E	FE	0J000000	0
PH 10	008F854C	00000000	008F854C	00000000	008F854C	00000000	00AA9C62	00000000	0E	FE	4E8F854C	0

TEST N0	FC	R	EW	RU1	EWJ1								
FDS 02	5	4C008B51	33007A40										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	00008B51	4C000000	00000000	00000000	00000000	00000000	00000000	00000000	0E	FE	4C008B51	0	
PH 02	00007A40	33000000	00008B51	4C000000	00000000	00000000	00000000	00000000	00	00	33007A40	0	
PH 03	00001111	11800000	00008B51	4C800000	00000000	00000000	00007A40	3B000000	00	00	00000000	0	
PH 04	00001111	00000000	00008B51	00000000	00000000	00000000	00007A40	3B000000	11	00	00000000	1	
PH 05	00007A40	00000000	00008B51	00000000	00000000	00000000	00007A40	00000000	11	00	00000000	0	
CLK 02	0007A400	00000000	0007A400	00000000	00000000	00000000	00008B51	00000000	12	00	00000000	0	
CLK 03	007A4000	00000000	007A4000	00000000	00000000	00000000	00008B51	00000000	13	00	00000000	1	
PH 06	00008B51	00000000	007A4000	00000000	00000000	00000000	00008B51	00000000	13	00	00000000	0	
CLK 02	0008B510	00000000	0008B510	00000000	00000000	00000000	007A4000	00000000	12	FF	00000000	0	
CLK 03	008B5100	00000000	008B5100	00000000	00000000	00000000	007A4000	00000000	11	FE	00000000	0	
PH 07	00111100	00000000	008B5100	00000000	00000000	00000000	007A4000	00000000	11	FE	00000000	2	
PH 08	008B5100	00000000	008B5100	00000000	00000000	00000000	007A4000	00000000	11	17	00000000	0	
PH 08	0008B510	00000000	0008B510	00000000	00000000	00000000	007A4000	00000000	12	17	00000000	0	
CLK 02	FF972A20	00000000	00116A20	00000000	00000000	00000000	007A4000	00000000	12	16	00000000	0	
CLK 03	FFA89440	00000000	FF2E5440	00000000	00000000	00000000	007A4000	00000000	12	15	00000000	0	
CLK 04	FFC86880	00000000	FF512380	00000000	00000000	00000000	007A4000	00000000	12	14	00000000	0	
CLK 05	00111100	00000000	FF960100	00000000	00000000	00000000	007A4000	00000000	12	13	00000000	0	
CLK 06	FFA7E200	00000000	02222000	00000000	00000001	00000000	007A4000	00000000	12	12	00000000	0	
CLK 07	FFCA0400	00000000	FF4FC400	00000000	00000002	00000000	007A4000	00000000	12	11	00000000	0	
CLK 08	000E4800	00000000	FF940800	00000000	00000004	00000000	007A4000	00000000	12	10	00000000	0	
CLK 09	FFA25000	00000000	001C9000	00000000	00000009	00000000	007A4000	00000000	12	0F	00000000	0	
CLK 10	FFBEE000	00000000	FF44A000	00000000	00000012	00000000	007A4000	00000000	12	0E	00000000	0	
CLK 11	FFF80000	00000000	FF70C000	00000000	00000024	00000000	007A4000	00000000	12	0D	00000000	0	
CLK 12	00A4C000	00000000	FFF00000	00000000	00000048	00000000	007A4000	00000000	12	0C	00000000	0	
CLK 13	005A4000	00000000	00D48000	00000000	00000091	00000000	007A4000	00000000	12	0B	00000000	0	
CLK 14	003A4000	00000000	00B48000	00000000	00000123	00000000	007A4000	00000000	12	0A	00000000	0	
CLK 15	FFFA4000	00000000	00748000	00000000	00000247	00000000	007A4000	00000000	12	09	00000000	0	
CLK 16	006EC000	00000000	FFF48000	00000000	0000048E	00000000	007A4000	00000000	12	08	00000000	0	
CLK 17	00634000	00000000	00D08000	00000000	0000091D	00000000	007A4000	00000000	12	07	00000000	0	
CLK 18	004C4000	00000000	00C68000	00000000	0000123B	00000000	007A4000	00000000	12	06	00000000	0	
CLK 19	001E4000	00000000	00988000	00000000	00002477	00000000	007A4000	00000000	12	05	00000000	0	
CLK 20	FFC24000	00000000	003C8000	00000000	000048EF	00000000	007A4000	00000000	12	04	00000000	0	
CLK 21	FFFEC000	00000000	FF848000	00000000	000091DE	00000000	007A4000	00000000	12	03	00000000	0	
CLK 22	0077C000	00000000	FFF08000	00000000	0001233C	00000000	007A4000	00000000	12	02	00000000	0	
CLK 23	00754000	00000000	00EF8000	00000000	00024779	00000000	007A4000	00000000	12	01	00000000	0	
CLK 24	00704000	00000000	00EA8000	00000000	00048EF3	00000000	007A4000	00000000	12	00	00000000	0	
CLK 25	00664000	00000000	00E08000	00000000	00091DE7	00000000	007A4000	00000000	12	FF	00000000	0	

TEST N0	FC	R	EW	RU1	EWJ1								
FDS 02	5	4C008B51	33007A40										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
CLK 26	00123BCF	00000000	00CC8000	00000000	00123BCF	00000000	007A4000	00000000	12	FE	00000000	0	
PH 09	00123BCF	00000000	00123BCF	00000000	00123BCF	00000000	007A4000	00000000	12	FE	00000000	0	
PH 10	00123BCF	00000000	00123BCF	00000000	00123BCF	00000000	007A4000	00000000	12	FE	52123BCF	0	

TEST No	FC	R	EW	RU1	EWU1									
FDS 03	5	6E0000D7	99FFFF6C											
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	000000D7	6E000000	00000000	00000000	00000000	00000000	00000000	00000000	12	FE	6E0000D7	0		
PH 02	03FFFF6C	99000000	000000D7	6E000000	00000000	00000000	00000000	00000000	00	00	99FFFF6C	0		
PH 03	00000044	08000000	000000D7	6E800000	00000000	00000000	FFFFFF6C	99800000	00	00	00000000	0		
PH 04	00000044	00000000	000000D7	00000000	00000000	00000000	FFFFFF6C	99800000	08	00	00000000	1		
PH 05	FFFFFF6C	00000000	000000D7	00000000	00000000	00000000	FFFFFF6C	00000000	08	00	00000000	0		
CLK 02	FFFFFF6C0	00000000	FFFFFF6C0	00000000	00000000	00000000	000000D7	00000000	09	00	00000000	0		
CLK 03	FFFFFF6C00	00000000	FFFFFF6C00	00000000	00000000	00000000	000000D7	00000000	0A	00	00000000	0		
CLK 04	FFFFFF6C000	00000000	FFFFFF6C000	00000000	00000000	00000000	000000D7	00000000	0B	00	00000000	0		
CLK 05	FF6C0000	00000000	FF6C0000	00000000	00000000	00000000	000000D7	00000000	0C	00	00000000	1		
PH 06	000000D7	00000000	FF6C0000	00000000	00000000	00000000	000000D7	00000000	0C	00	00000000	0		
CLK 02	000000D70	00000000	000000D70	00000000	00000000	00000000	FF6C0000	00000000	0B	FF	00000000	0		
CLK 03	000000700	00000000	0000D700	00000000	00000000	00000000	FF6C0000	00000000	0A	FE	00000000	0		
CLK 04	000D7000	00000000	000D7000	00000000	00000000	00000000	FF6C0000	00000000	09	FD	00000000	0		
CLK 05	00D70000	00000000	00D70000	00000000	00000000	00000000	FF6C0000	00000000	08	FC	00000000	0		
PH 07	00430000	00000000	00D70000	00000000	00000000	00000000	FF6C0000	00000000	08	FC	00000000	2		
PH 08	00D70000	00000000	00D70000	00000000	00000000	00000000	FF6C0000	00000000	08	17	00000000	0		
PH 08	000D7000	00000000	000D7000	00000000	00000000	00000000	FF6C0000	00000000	09	17	00000000	0		
CLK 02	FF86E000	00000000	001AE000	00000000	00000000	00000000	FF6C0000	00000000	09	16	00000000	0		
CLK 03	FFA1C000	00000000	FF0DC000	00000000	00000000	00000000	FF6C0000	00000000	09	15	00000000	0		
CLK 04	FFD78000	00000000	FF438000	00000000	00000000	00000000	FF6C0000	00000000	09	14	00000000	0		
CLK 05	00430000	00000000	FFAF0000	00000000	00000000	00000000	FF6C0000	00000000	09	13	00000000	0		
CLK 06	FFF20000	00000000	00860000	00000000	00000000	00000000	FF6C0000	00000000	09	12	00000000	0		
CLK 07	00780000	00000000	FFE40000	00000000	00000000	00000000	FF6C0000	00000000	09	11	00000000	0		
CLK 08	005C0000	00000000	00F00000	00000000	00000005	00000000	FF6C0000	00000000	09	10	00000000	0		
CLK 09	00240000	00000000	00880000	00000000	00000003	00000000	FF6C0000	00000000	09	0F	00000000	0		
CLK 10	FFB40000	00000000	00480000	00000000	00000017	00000000	FF6C0000	00000000	09	0E	00000000	0		
CLK 11	FFFC0000	00000000	FF680000	00000000	0000002E	00000000	FF6C0000	00000000	09	0D	00000000	0		
CLK 12	008C0000	00000000	FFF80000	00000000	0000003C	00000000	FF6C0000	00000000	09	0C	00000000	0		
CLK 13	00840000	00000000	00180000	00000000	000000B9	00000000	FF6C0000	00000000	09	0B	00000000	0		
CLK 14	00740000	00000000	00080000	00000000	00000173	00000000	FF6C0000	00000000	09	0A	00000000	0		
CLK 15	00540000	00000000	00E80000	00000000	000002E7	00000000	FF6C0000	00000000	09	09	00000000	0		
CLK 16	00140000	00000000	00A80000	00000000	000005CF	00000000	FF6C0000	00000000	09	08	00000000	0		
CLK 17	FF940000	00000000	00280000	00000000	0000089F	00000000	FF6C0000	00000000	09	07	00000000	0		
CLK 18	FFB00000	00000000	FF280000	00000000	0000173E	00000000	FF6C0000	00000000	09	06	00000000	0		
CLK 19	000C0000	00000000	FF780000	00000000	00002E7C	00000000	FF6C0000	00000000	09	05	00000000	0		
CLK 20	FFR40000	00000000	00180000	00000000	00005CF9	00000000	FF6C0000	00000000	09	04	00000000	0		
CLK 21	FF9C0000	00000000	FF080000	00000000	0000B9F2	00000000	FF6C0000	00000000	09	03	00000000	0		

TEST No	FC	R	EW	RU1	EWU1									
FDS 03	5	6E0000D7	99FFFF6C											
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
CLK 22	FFCC0000	00000000	FF380000	00000000	000173E4	00000000	FF6C0000	00000000	09	02	00000000	0		
CLK 23	002C0000	00000000	FF980000	00000000	0002E7C8	00000000	FF6C0000	00000000	09	01	00000000	0		
CLK 24	FFC40000	00000000	00580000	00000000	0005CF91	00000000	FF6C0000	00000000	09	00	00000000	0		
CLK 25	001C0000	00000000	FF880000	00000000	000B9F22	00000000	FF6C0000	00000000	09	FF	00000000	0		
CLK 26	00173E45	00000000	00380000	00000000	00173E45	00000000	FF6C0000	00000000	09	FE	00000000	0		
PH 09	FFE8C1B8	00000000	00173E45	00000000	00173E45	00000000	FF6C0000	00000000	09	FE	00000000	0		
PH 10	FFE8C1B8	00000000	00173E45	00000000	00173E45	00000000	FF6C0000	00000000	F6	FE	B6E8C1B8	0		

TEST	NB	FC	R	EW	RU1	EWU1									
FDS	04	5	F1324034	E48DDF82			E	F	FP	SW					
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW			
PH 01	03324034	F1000000	00000000	00000000	00000000	00000000	00000000	00000000	F6	FE	F1324034	0			
PH 02	0380DF82	E4000000	FF324034	F1000000	00000000	00000000	00000000	00000000	00	00	E48DDF82	0			
PH 03	FEC01FB6	F3000000	FF324034	0E800000	00000000	00000000	FF8DDF82	E4800000	00	00	00000000	0			
PH 04	FEC01FB6	00000000	FF324034	00000000	00000000	00000000	FF8DDF82	E4800000	F3	00	00000000	0			
PH 06	00CDBFC	00000000	FF324034	00000000	00000000	00000000	FF8DDF82	00000000	F3	00	00000000	0			
PH 07	005B9FAE	00000000	00CDBFCC	00000000	00000000	00000000	FF8DDF82	00000000	F3	00	00000000	2			
PH 08	00CDBFCC	00000000	00CDBFCC	00000000	00000000	00000000	FF8DDF82	00000000	F3	17	00000000	0			
PH 08	00CDBFC	C0000000	00CDB3FC	C0000000	00000000	00000000	FF8DDF82	00000000	F4	17	00000000	0			
CLK 02	FFA7977B	80000000	0019B7F9	80000000	00000000	00000000	FF8DDF82	00000000	F4	16	00000000	0			
CLK 03	FFC14F75	00000000	FF4F2EF7	00000000	00000000	00000000	FF8DDF82	00000000	F4	15	00000000	0			
CLK 04	FFF4BF68	00000000	FF829EEA	00000000	00000000	00000000	FF8DDF82	00000000	F4	14	00000000	0			
CLK 05	005B9FAE	00000000	FFE97ED0	00000000	00000000	00000000	FF8DDF82	00000000	F4	13	00000000	0			
CLK 06	00451E1E	00000000	00B73E9C	00000000	00000001	00000000	FF8DDF82	00000000	F4	12	00000000	0			
CLK 07	00181B8E	00000000	008A3C3C	00000000	00000003	00000000	FF8DDF82	00000000	F4	11	00000000	0			
CLK 08	FFB216FE	00000000	0030377C	00000000	00000007	00000000	FF8DDF82	00000000	F4	10	00000000	0			
CLK 09	FFEE4E7A	00000000	FF7C2DFC	00000000	0000000E	00000000	FF8DDF82	00000000	F4	0F	00000000	0			
CLK 10	004EBD72	00000000	FFDC9CF4	00000000	0000001C	00000000	FF8DDF82	00000000	F4	0E	00000000	0			
CLK 11	002B5A66	00000000	009D7AE4	00000000	00000039	00000000	FF8DDF82	00000000	F4	0D	00000000	0			
CLK 12	FFE4944E	00000000	0056B4CC	00000000	00000073	00000000	FF8DDF82	00000000	F4	0C	00000000	0			
CLK 13	003B491A	00000000	FFC9289C	00000000	000000E6	00000000	FF8DDF82	00000000	F4	0B	00000000	0			
CLK 14	000471B6	00000000	00769234	00000000	000001C0	00000000	FF8DDF82	00000000	F4	0A	00000000	0			
CLK 15	FF96C2EE	00000000	0008E36C	00000000	00000039B	00000000	FF8DDF82	00000000	F4	09	00000000	0			
CLK 16	FF9FA65A	00000000	FF2D85DC	00000000	00000736	00000000	FF8DDF82	00000000	F4	08	00000000	0			
CLK 17	FFB16D32	00000000	FF3F4CB4	00000000	00000E6C	00000000	FF8DDF82	00000000	F4	07	00000000	0			
CLK 18	FFD4FAE2	00000000	FF2DA644	00000000	0001CD8	00000000	FF8DDF82	00000000	F4	06	00000000	0			
CLK 19	001C1642	00000000	FFA9F5C4	00000000	00003980	00000000	FF8DDF82	00000000	F4	05	00000000	0			
CLK 20	FFC60C06	00000000	00382C84	00000000	00007361	00000000	FF8DDF82	00000000	F4	04	00000000	0			
CLK 21	FFF3388A	00000000	FF8C180C	00000000	0000E6C2	00000000	FF8DDF82	00000000	F4	03	00000000	0			
CLK 22	006E9192	00000000	FFF7114	00000000	0001CD84	00000000	FF8DDF82	00000000	F4	02	00000000	0			
CLK 23	006802A6	00000000	00DD2324	00000000	00039B09	00000000	FF8DDF82	00000000	F4	01	00000000	0			
CLK 24	0063E4CE	00000000	00D6054C	00000000	00073613	00000000	FF8DDF82	00000000	F4	00	00000000	0			
CLK 25	0055A91E	00000000	00C7C99C	00000000	000E6C27	00000000	FF8DDF82	00000000	F4	FF	00000000	0			
CLK 26	001CD84F	00000000	00AB523C	00000000	001CD84F	00000000	FF8DDF82	00000000	F4	FE	00000000	0			
PH 09	001CD84F	00000000	001CD84F	00000000	001CD84F	00000000	FF8DDF82	00000000	F4	FE	00000000	0			
PH 10	001CD84F	00000000	001CD84F	00000000	001CD84F	00000000	FF8DDF82	00000000	F4	FE	341CD84F	0			

TEST	NB	FC	R	EW	RU1	EWU1									
FDS	05	5	136AF5B2	F3078058			E	F	FP	SW					
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW			
PH 01	006AF5B2	13000000	00000000	00000000	00000000	00000000	00000000	00000000	F4	FE	136AF5B2	0			
PH 02	03078058	F3000000	006AF5B2	13000000	00000000	00000000	00000000	00000000	00	00	F3078058	0			
PH 03	FF72760B	07000000	006AF5B2	13800000	00000000	00000000	FF078058	F3800000	00	00	00000000	0			
PH 04	FF72760B	00000000	006AF5B2	00000000	00000000	00000000	FF078058	F3800000	07	00	00000000	0			
PH 06	006AF5B2	00000000	006AF5B2	00000000	00000000	00000000	FF078058	00000000	07	00	00000000	0			
PH 07	FF72760B	00000000	006AF5B2	00000000	00000000	00000000	FF078058	00000000	07	00	00000000	0			
PH 08	006AF5B2	00000000	006AF5B2	00000000	00000000	00000000	FF078058	00000000	07	17	00000000	0			
CLK 02	FFD6B8RC	00000000	00D5E964	00000000	00000000	00000000	FF078058	00000000	07	16	00000000	0			
CLK 03	00B35720	00000000	FFBAD778	00000000	00000000	00000000	FF078058	00000000	07	15	00000000	0			
CLK 04	006E2E98	00000000	0066AE40	00000000	00000001	00000000	FF078058	00000000	07	14	00000000	0			
CLK 05	FFE3DD88	00000000	00DC5D30	00000000	00000003	00000000	FF078058	00000000	07	13	00000000	0			
CLK 06	00C03A88	00000000	FFC7B810	00000000	00000006	00000000	FF078058	00000000	07	12	00000000	0			
CLK 07	0087F5C8	00000000	00807570	00000000	00000000	00000000	FF078058	00000000	07	11	00000000	0			
CLK 08	00176BE8	00000000	000FE390	00000000	0000001B	00000000	FF078058	00000000	07	10	00000000	0			
CLK 09	FF365R28	00000000	002ED7D0	00000000	00000037	00000000	FF078058	00000000	07	0F	00000000	0			
CLK 10	FF652FF8	00000000	FF6CB050	00000000	0000004E	00000000	FF078058	00000000	07	0E	00000000	0			
CLK 11	FFC2DF98	00000000	FFCA5FF0	00000000	000000DC	00000000	FF078058	00000000	07	0D	00000000	0			
CLK 12	007E3ED8	00000000	FF85BF30	00000000	00000198	00000000	FF078058	00000000	07	0C	00000000	0			
CLK 13	0003FE08	00000000	00FC7D30	00000000	00000371	00000000	FF078058	00000000	07	0B	00000000	0			
CLK 14	FF07FC68	00000000	0007FC10	00000000	000006E3	00000000	FF078058	00000000	07	0A	00000000	0			
CLK 15	FF177378	00000000	FF1EF8D0	00000000	00000DC6	00000000	FF078058	00000000	07	09	00000000	0			
CLK 16	FF277098	00000000	FF2EFOF0	00000000	00001B8C	00000000	FF078058	00000000	07	08	00000000	0			
CLK 17	FF476D08	00000000	FF4EE130	00000000	00003718	00000000	FF078058	00000000	07	07	00000000	0			
CLK 18	FF874158	00000000	FF8EC130	00000000	00006E30	00000000	FF078058	00000000	07	06	00000000	0			
CLK 19	00070258	00000000	FF0E8280	00000000	00000C60	00000000	FF078058	00000000	07	05	00000000	0			
CLK 20	FF158508	00000000	000E0480	00000000	0001B8C1	00000000	FF078058	00000000	07	04	00000000	0			
CLK 21	FF2389B8	00000000	FF2B0A10	00000000	00037182	00000000	FF078058	00000000	07	03	00000000	0			
CLK 22	FF3F9318	00000000	FF471370	00000000	0006E304	00000000	FF078058	00000000	07	02	00000000	0			
CLK 23	FF77A508	00000000	FF7F2630	00000000	0000C608	00000000	FF078058	00000000	07	01	00000000	0			
CLK 24	FFE7CB58	00000000	FFEF48B0	00000000	001B8C10	00000000	FF078058	00000000	07	00	00000000	0			
CLK 25	00C81658	00000000	FFCF9630	00000000	00371820	00000000	FF078058	00000000	07	FF	00000000	0			
CLK 26	006E3041	00000000	00902C90	00000000	006E3041	00000000	FF078058	00000000	07	FE	00000000	0			
PH 09	FF91CFBF	00000000	006E3041	00000000	006E3041	00000000	FF078058	00000000	07	FE	0000				

TEST	N9	FC	R	EW	RU1	EWU1									
FDS	06	5	15B897C4	04A766B3											
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW			
PH 01	008897C4	15000000	00000000	00000000	00000000	00000000	00000000	00000000	F8	FE	15B897C4	0			
PH 02	00A766B3	04000000	008897C4	15000000	008897C4	00000000	00000000	00000000	00	00	04A766B3	0			
PH 03	00113111	11800000	008897C4	15800000	00000000	00000000	00A766B3	04000000	00	00	00000000	0			
PH 04	00113111	00000000	008897C4	00000000	00000000	00000000	00A766B3	04000000	11	00	00000000	0			
PH 06	008897C4	00000000	008897C4	00000000	00000000	00000000	00A766B3	00000000	11	00	00000000	0			
PH 07	00113111	00000000	008897C4	00000000	00000000	00000000	00A766B3	00000000	11	00	00000000	2			
PH 08	008897C4	00000000	008897C4	00000000	00000000	00000000	00A766B3	00000000	11	17	00000000	0			
PH 08	008897C4	40000000	008897C4	40000000	00000000	00000000	00A766B3	00000000	12	17	00000000	0			
PH 08	008897C4	80000000	001712F8	80000000	00000000	00000000	00A766B3	00000000	12	16	00000000	0			
CLK 02	FF6FAC45	00000000	FFDF588B	00000000	00000000	00000000	00A766B3	00000000	12	15	00000000	0			
CLK 03	FF86BF3E	00000000	FF0D7E7C	00000000	00000000	00000000	00A766B3	00000000	12	14	00000000	0			
CLK 04	FF84E52F	00000000	FF69CA5E	00000000	00000000	00000000	00A766B3	00000000	12	13	00000000	0			
CLK 05	00113111	00000000	00226222	00000000	00000001	00000000	00A766B3	00000000	12	12	00000000	0			
CLK 06	FF7AFB6F	00000000	FFF5F6DE	00000000	00000002	00000000	00A766B3	00000000	12	11	00000000	0			
CLK 07	FF9D5D91	00000000	FF3AB822	00000000	00000004	00000000	00A766B3	00000000	12	10	00000000	0			
CLK 08	FFE221D5	00000000	FFC443AA	00000000	00000008	00000000	00A766B3	00000000	12	0F	00000000	0			
CLK 09	0068AA5D	00000000	00D754BA	00000000	00000011	00000000	00A766B3	00000000	12	0E	00000000	0			
CLK 10	002FEE07	00000000	005FDC0E	00000000	00000023	00000000	00A766B3	00000000	12	0D	00000000	0			
CLK 11	FFB9755B	00000000	FF70EAB6	00000000	00000046	00000000	00A766B3	00000000	12	0C	00000000	0			
CLK 12	00185169	00000000	0030A2D2	00000000	0000008D	00000000	00A766B3	00000000	12	0A	00000000	0			
CLK 13	FF893C1F	00000000	FF12783E	00000000	0000011A	00000000	00A766B3	00000000	12	08	00000000	0			
CLK 14	FFB9DEF1	00000000	FF73BD2E	00000000	00000234	00000000	00A766B3	00000000	12	09	00000000	0			
CLK 15	001B2495	00000000	0036492A	00000000	00000469	00000000	00A766B3	00000000	12	08	00000000	0			
CLK 16	FF8EE277	00000000	FF1DC4EE	00000000	000008D2	00000000	00A766B3	00000000	12	07	00000000	0			
CLK 17	FFC52B81	00000000	FF8A5742	00000000	000011A4	00000000	00A766B3	00000000	12	06	00000000	0			
CLK 18	0031BD0F	00000000	00637BEA	00000000	00002349	00000000	00A766B3	00000000	12	05	00000000	0			
CLK 19	FFBC1537	00000000	FF782A6E	00000000	00004692	00000000	00A766B3	00000000	12	04	00000000	0			
CLK 20	001F9121	00000000	003F2242	00000000	00008D25	00000000	00A766B3	00000000	12	03	00000000	0			
CLK 21	FF97B88F	00000000	FF2F771E	00000000	00011A4A	00000000	00A766B3	00000000	12	02	00000000	0			
CLK 22	FFA6DD01	00000000	FFADBB82	00000000	00023494	00000000	00A766B3	00000000	12	01	00000000	0			
CLK 23	00552255	00000000	00AA44AA	00000000	00046929	00000000	00A766B3	00000000	12	00	00000000	0			
CLK 24	0002DD0F	00000000	0005B8E8	00000000	0008D253	00000000	00A766B3	00000000	12	FF	00000000	0			
CLK 25	FFE5553B	00000000	FFBCAA76	00000000	0011A4A6	00000000	00A766B3	00000000	12	FE	00000000	0			
CLK 26	0011A4A6	00000000	0011A4A6	00000000	0011A4A6	00000000	00A766B3	00000000	12	FE	00000000	0			
PH 09	0011A4A6	00000000	0011A4A6	00000000	0011A4A6	00000000	00A766B3	00000000	12	FE	00000000	0			
PH 10	0011A4A6	00000000	0011A4A6	00000000	0011A4A6	00000000	00A766B3	00000000	12	FE	5211A4A6	0			

TEST	N9	FC	R	EW	RU1	EWU1									
FDS	07	5	37DA99E6	5A0DC619											
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW			
PH 01	00DA99E6	37000000	00000000	00000000	00000000	00000000	00000000	00000000	12	FE	37DA99E6	0			
PH 02	000DC619	5A000000	00DA99E6	37000000	00000000	00000000	00000000	00000000	00	00	5A0DC619	0			
PH 03	00CCD3CC	00800000	00DA99E6	37800000	00000000	00000000	000DC619	5A000000	00	00	00000000	0			
PH 04	00CCD3CC	00000000	00DA99E6	00000000	00000000	00000000	000DC619	5A000000	DD	00	00000000	1			
PH 05	000DC619	00000000	00DA99E6	00000000	00000000	00000000	000DC619	00000000	DD	00	00000000	0			
CLK 02	000C6190	00000000	00DC6190	00000000	00000000	00000000	00DA99E6	00000000	DE	00	00000000	1			
PH 06	00DA99E6	00000000	00DC6190	00000000	00000000	00000000	00DA99E6	00000000	DE	00	00000000	0			
PH 07	FFFE3856	00000000	00DA99E6	00000000	00000000	00000000	00C6190	00000000	DE	00	00000000	0			
PH 08	00DA99E6	00000000	00DA99E6	00000000	00000000	00000000	00C6190	00000000	DE	17	00000000	0			
CLK 02	0088D23C	00000000	008533CC	00000000	00000000	00000000	00C6190	00000000	DE	16	00000000	0			
CLK 03	008542E8	00000000	0081A478	00000000	00000001	00000000	00C6190	00000000	DE	15	00000000	0			
CLK 04	00CE2440	00000000	00AA85D0	00000000	00000003	00000000	00C6190	00000000	DE	14	00000000	0			
CLK 05	008FE6F0	00000000	009C4380	00000000	00000007	00000000	00C6190	00000000	DE	13	00000000	0			
CLK 06	00A3C650	00000000	007FC3E0	00000000	00000000	00000000	00C6190	00000000	DE	12	00000000	0			
CLK 07	006A7710	00000000	0046D8A0	00000000	0000001F	00000000	00C6190	00000000	DE	11	00000000	0			
CLK 08	FFF88C90	00000000	00D4EE20	00000000	0000003F	00000000	00C6190	00000000	DE	10	00000000	0			
CLK 09	00CD7A80	00000000	FFF11970	00000000	0000007E	00000000	00C6190	00000000	DE	0F	00000000	0			
CLK 10	008E93D0	00000000	009AF560	00000000	000000DF	00000000	00C6190	00000000	DE	0E	00000000	0			
CLK 11	00A0C610	00000000	007D27A0	00000000	00001FB3	00000000	00C6190	00000000	DE	0D	00000000	0			
CLK 12	00652A90	00000000	00418C20	00000000	00003F7	00000000	00C6190	00000000	DE	0C	00000000	0			
CLK 13	FFEDF390	00000000	00CA5520	00000000	000007EF	00000000	00C6190	00000000	DE	0B	00000000	0			
CLK 14	00884880	00000000	FFD3E720	00000000	00000FDE	00000000	00C6190	00000000	DE	0A	00000000	0			
CLK 15	0042FDD0	00000000	00709160	00000000	00001FB3	00000000	00C6190	00000000	DE	09	00000000	0			
CLK 16	004BFE10	00000000	00285FA0	00000000	00003F7B	00000000	00C6190	00000000	DE	08	00000000	0			
CLK 17	FF8B9A90	00000000	0097FC20	00000000	00007EF7	00000000	00C6190	00000000	DE	07	00000000	0			
CLK 18	00539680	00000000	FF773520	00000000	0000FDEE	00000000	00C6190	00000000	DE	06	00000000	0			
CLK 19	FFCAC8D0	00000000	00A72D60	00000000	0001F3DD	00000000	00C6190	00000000	DE	05	00000000	0			
CLK 20	0071F930	00000000	FF9597A0	00000000	0003F73A	00000000	00C6190	00000000	DE	04	00000000	0			</

TEST NO		FC	R	EW	RUI	EWU1								
FDS 08		5	28FDD84E	1A1FEA60										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW		
PH 01	00FDD84E	28000000	00000000	00000000	00000000	00000000	00000000	00000000	DE	FE	28FDD84E	0		
PH 02	001FEA60	1A000000	00FDD84E	28000000	00000000	00000000	00000000	00000000	00	00	1A1FEA60	0		
PH 03	00DDDEEE	0E800000	00FDD84E	28800000	00000000	00000000	001FEA60	1A000000	00	00	00000000	0		
PH 04	00DDDEEE	00000000	00FDD84E	00000000	00000000	00000000	001FEA60	1A000000	0E	00	00000000	0		
PH 06	00FDD84E	00000000	00FDD84E	00000000	00000000	00000000	001FEA60	00000000	0E	00	00000000	0		
PH 07	00DDDEEE	00000000	00FDD84E	00000000	00000000	00000000	001FEA60	00000000	0E	00	00000000	2		
PH 08	00FDD84E	00000000	00FDD84E	00000000	00000000	00000000	001FEA60	00000000	0E	17	00000000	0		
PH 08	000FDD*4	E0000000	000FDD*4	E0000000	00000000	00000000	001FEA60	00000000	0F	17	00000000	0		
CLK 02	FFFF00A9	C0000000	001FB809	C0000000	00000000	00000000	001FEA60	00000000	0F	16	00000000	0		
CLK 03	001F8BB3	80000000	FFFFA153	80000000	00000000	00000000	001FEA60	00000000	0F	15	00000000	0		
CLK 04	001F2D07	00000000	003F1767	00000000	00000001	00000000	001FEA60	00000000	0F	14	00000000	0		
CLK 05	001E6FAE	00000000	003E5A0E	00000000	00000003	00000000	001FEA60	00000000	0F	13	00000000	0		
CLK 06	001CF4FC	00000000	003CDF5C	00000000	00000007	00000000	001FEA60	00000000	0F	12	00000000	0		
CLK 07	0019FF98	00000000	0039E9F8	00000000	0000000F	00000000	001FEA60	00000000	0F	11	00000000	0		
CLK 08	001414D0	00000000	0033FF30	00000000	0000001F	00000000	001FEA60	00000000	0F	10	00000000	0		
CLK 09	00083F40	00000000	002829A0	00000000	0000003F	00000000	001FEA60	00000000	0F	0F	00000000	0		
CLK 10	FFF09470	00000000	00107E80	00000000	0000007F	00000000	001FEA60	00000000	0F	0E	00000000	0		
CLK 11	000112A0	00000000	FFE12840	00000000	0000000F	00000000	001FEA60	00000000	0F	0D	00000000	0		
CLK 12	FFE23AE0	00000000	00022540	00000000	000001FD	00000000	001FEA60	00000000	0F	0C	00000000	0		
CLK 13	FFE46020	00000000	FFC475C0	00000000	000003FA	00000000	001FEA60	00000000	0F	0B	00000000	0		
CLK 14	FFE8AAA0	00000000	FFC8C040	00000000	000007FA	00000000	001FEA60	00000000	0F	0A	00000000	0		
CLK 15	FFF13FA0	00000000	FFD15540	00000000	00000FE8	00000000	001FEA60	00000000	0F	09	00000000	0		
CLK 16	000269A0	00000000	FFE27F40	00000000	00001FD0	00000000	001FEA60	00000000	0F	08	00000000	0		
CLK 17	FFE4E8E0	00000000	0004D340	00000000	00003FA1	00000000	001FEA60	00000000	0F	07	00000000	0		
CLK 18	FFE9BC20	00000000	FFC9D1C0	00000000	00007FA2	00000000	001FEA60	00000000	0F	06	00000000	0		
CLK 19	FFF362A0	00000000	FFD37840	00000000	0000FE84	00000000	001FEA60	00000000	0F	05	00000000	0		
CLK 20	00064FA0	00000000	FFE6C540	00000000	0001FD08	00000000	001FEA60	00000000	0F	04	00000000	0		
CLK 21	FFED74E0	00000000	00005F40	00000000	0003FA11	00000000	001FEA60	00000000	0F	03	00000000	0		
CLK 22	FFFA0420	00000000	FFDAE9C0	00000000	0007FA22	00000000	001FEA60	00000000	0F	02	00000000	0		
CLK 23	00093210	00000000	FF08753F	00000000	000FE844	00000000	001FEA60	00000000	0F	01	00000000	0		
CLK 24	00093AE0	00000000	002B2540	00000000	001FD089	00000000	001FEA60	00000000	0F	00	00000000	0		
CLK 25	FFF68B60	00000000	001675C0	00000000	003FA113	00000000	001FEA60	00000000	0F	FF	00000000	0		
CLK 26	007F4226	00000000	FFED16C0	00000000	007FA226	00000000	001FEA60	00000000	0F	FE	00000000	0		
PH 09	007F4226	00000000	007F4226	00000000	007F4226	00000000	001FEA60	00000000	0F	FE	00000000	0		
PH 10	007F4226	00000000	007F4226	00000000	007F4226	00000000	001FEA60	00000000	0F	FE	4F7F4226	0		

TEST NO		FC	R	EW	RUI	EWU1								
FDS 09		5	8508753F	43093218										
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW		
PH 01	0098753F	85000000	00000000	00000000	00000000	00000000	00000000	00000000	0F	FE	8508753F	0		
PH 02	00093218	43000000	FF08753F	85000000	00000000	00000000	00000000	00000000	00	00	43093218	0		
PH 03	FEFF4327	37800000	FF08753F	7A800000	00000000	00000000	00093218	43000000	00	00	00000000	0		
PH 04	FEFF4327	00000000	FF08753F	00000000	00000000	00000000	00093218	43000000	37	00	00000000	1		
PH 05	00093218	00000000	FF08753F	00000000	00000000	00000000	00093218	00000000	37	00	00000000	0		
CLK 02	00932180	00000000	00932180	00000000	00000000	00000000	FF08753F	00000000	38	00	00000000	1		
PH 06	00F78AC1	00000000	00932180	00000000	00000000	00000000	FF08753F	00000000	38	00	00000000	0		
PH 07	00646941	00000000	00F78AC1	00000000	00000000	00000000	00932180	00000000	38	00	00000000	2		
PH 08	00F78AC1	00000000	00F78AC1	00000000	00000000	00000000	00932180	00000000	38	17	00000000	0		
PH 08	000F78AC	10000000	000F78AC	10000000	00000000	00000000	00932180	00000000	39	17	00000000	0		
CLK 02	FF8BCF08	20000000	001EF158	20000000	00000000	00000000	00932180	00000000	39	16	00000000	0		
CLK 03	FFAAC130	40000000	FF179FB0	40000000	00000000	00000000	00932180	00000000	39	15	00000000	0		
CLK 04	FFE8A3E0	80000000	FF558260	80000000	00000000	00000000	00932180	00000000	39	14	00000000	0		
CLK 05	00646941	00000000	FFD147C1	00000000	00000000	00000000	00932180	00000000	39	13	00000000	0		
CLK 06	00358102	00000000	00C8D282	00000000	00000001	00000000	00932180	00000000	39	12	00000000	0		
CLK 07	FF784084	00000000	00636204	00000000	00000003	00000000	00932180	00000000	39	11	00000000	0		
CLK 08	0043A288	00000000	FFB08108	00000000	00000006	00000000	00932180	00000000	39	10	00000000	0		
CLK 09	FFF42390	00000000	00874510	00000000	00000000	00000000	00932180	00000000	39	0F	00000000	0		
CLK 10	007B68A0	00000000	FFE84720	00000000	0000001A	00000000	00932180	00000000	39	0E	00000000	0		
CLK 11	0063AFC0	00000000	00F6D140	00000000	00000035	00000000	00932180	00000000	39	0D	00000000	0		
CLK 12	00343E00	00000000	00C75F80	00000000	0000006B	00000000	00932180	00000000	39	0C	00000000	0		
CLK 13	FF055A80	00000000	00687C00	00000000	000000D7	00000000	00932180	00000000	39	0A	00000000	0		
CLK 14	0030D680	00000000	FFAA8500	00000000	000001AE	00000000	00932180	00000000	39	09	00000000	0		
CLK 15	FFE88B80	00000000	007B4D00	00000000	0000035D	00000000	00932180	00000000	39	09	00000000	0		
CLK 16	00643880	00000000	FFD11700	00000000	0000068A	00000000	00932180	00000000	39	08	00000000	0		
CLK 17	00354F80	00000000	00C87100	00000000	00000D75	00000000	00932180	00000000	39	07	00000000	0		
CLK 18	FF077D80	00000000	006A9F00	00000000	00001AEB	00000000	00932180	00000000	39	06	00000000	0		
CLK 19	00421C80	00000000	FFAEF300	00000000	000035D6	00000000	00932180	00000000	39	05	00000000	0		
CLK 20	FFF11780	00000000	00843900	00000000	00006BA0	00000000	00932180	00000000	39	04	00000000	0		
CLK 21	00755080	00000000	FFE22F00	00000000	0000D75A	00000000	00932180	00000000	39	03	00000000	0		
CLK 22	00577F80	00000000	000EA100	00000000	0001AEB5	00000000	00932180	00000000	39	02	00000000	0		
CLK 23	001BDD80	00000000	00AEFF00	00000000	00035D6B	00000000	00932180	00000000	39	01	00000000	0		
CLK 24	FFA49980	00000000	0037B500	00000000	0006BAD7	00000000								

TEST N°	FC	R	EW	RU1	EWU1	0							
FDS 12	5	9CFFF53F	49000AFD										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03FFF53F	9C000000	00000000	00000000	00000000	00000000	00000000	00000000	04	FE	9CFFF53F	0	
PH 02	00000AFD	49000000	FFFFF53F	9C000000	00000000	00000000	00000000	00000000	00	00	49000AFD	0	
PH 03	FFFFEA42	1A800000	FFFFF53F	63800000	00000000	00000000	00000AFD	49000000	00	00	00000000	0	
PH 04	FFFFEA42	00000000	FFFFF53F	00000000	00000000	00000000	00000AFD	49000000	1A	00	00000000	1	
PH 05	00000AFD	00000000	FFFFF53F	00000000	00000000	00000000	00000AFD	00000000	1A	00	00000000	0	
CLK 02	0000AFD0	00000000	0000AFD0	00000000	00000000	00000000	FFFFF53F	00000000	1B	00	00000000	0	
CLK 03	000AFD00	00000000	000AFD00	00000000	00000000	00000000	FFFFF53F	00000000	1C	00	00000000	0	
CLK 04	00AFD000	00000000	00AFD000	00000000	00000000	00000000	FFFFF53F	00000000	1D	00	00000000	1	
PH 06	00000AC1	00000000	00AFD000	00000000	00000000	00000000	FFFFF53F	00000000	1D	00	00000000	0	
CLK 02	0000AC10	00000000	0000AC10	00000000	00000000	00000000	00AFD000	00000000	1C	FF	00000000	0	
CLK 03	000AC100	00000000	000AC100	00000000	00000000	00000000	00AFD000	00000000	1B	FE	00000000	0	
CLK 04	00AC1000	00000000	00AC1000	00000000	00000000	00000000	00AFD000	00000000	1A	FD	00000000	0	
PH 07	FFFC4000	00000000	00AC1000	00000000	00000000	00000000	00AFD000	00000000	1A	FD	00000000	0	
PH 08	00AC1000	00000000	00AC1000	00000000	00000000	00000000	00AFD000	00000000	1A	17	00000000	0	
CLK 02	00A85000	00000000	00582000	00000000	00000000	00000000	00AFD000	00000000	1A	16	00000000	0	
CLK 03	00A0D000	00000000	0050A000	00000000	00000001	00000000	00AFD000	00000000	1A	15	00000000	0	
CLK 04	0091D000	00000000	0041A000	00000000	00000003	00000000	00AFD000	00000000	1A	14	00000000	0	
CLK 05	0073D000	00000000	0023A000	00000000	00000007	00000000	00AFD000	00000000	1A	13	00000000	0	
CLK 06	0037D000	00000000	00E7A000	00000000	0000000F	00000000	00AFD000	00000000	1A	12	00000000	0	
CLK 07	FFBF0000	00000000	006FA000	00000000	0000001F	00000000	00AFD000	00000000	1A	11	00000000	0	
CLK 08	002F7000	00000000	FF7FA000	00000000	0000003E	00000000	00AFD000	00000000	1A	10	00000000	0	
CLK 09	FFAF1000	00000000	005EE000	00000000	0000007D	00000000	00AFD000	00000000	1A	0F	00000000	0	
CLK 10	000DF000	00000000	FF5E2000	00000000	000000FA	00000000	00AFD000	00000000	1A	0E	00000000	0	
CLK 11	FF6C1000	00000000	001BE000	00000000	000001F5	00000000	00AFD000	00000000	1A	0D	00000000	0	
CLK 12	FF87F000	00000000	FFD82000	00000000	000003EA	00000000	00AFD000	00000000	1A	0C	00000000	0	
CLK 13	FFBF0000	00000000	FF0FE000	00000000	000007D4	00000000	00AFD000	00000000	1A	0B	00000000	0	
CLK 14	002F3000	00000000	FF7F6000	00000000	00000FA8	00000000	00AFD000	00000000	1A	0A	00000000	0	
CLK 15	FFAE9000	00000000	005E6000	00000000	00001F51	00000000	00AFD000	00000000	1A	09	00000000	0	
CLK 16	000CF000	00000000	FF5D2000	00000000	00003EA2	00000000	00AFD000	00000000	1A	08	00000000	0	
CLK 17	FF6A1000	00000000	0019E000	00000000	00007D45	00000000	00AFD000	00000000	1A	07	00000000	0	
CLK 18	FF83F000	00000000	FFD42000	00000000	0000FA8A	00000000	00AFD000	00000000	1A	06	00000000	0	
CLK 19	FFB7B000	00000000	FF07E000	00000000	0001F514	00000000	00AFD000	00000000	1A	05	00000000	0	
CLK 20	001F3000	00000000	FF6F6000	00000000	0003EA28	00000000	00AFD000	00000000	1A	04	00000000	0	
CLK 21	FF8E9000	00000000	005E6000	00000000	0007D451	00000000	00AFD000	00000000	1A	03	00000000	0	
CLK 22	FFCCF000	00000000	FF1D2000	00000000	000FA8A2	00000000	00AFD000	00000000	1A	02	00000000	0	
CLK 23	0049B000	00000000	FF99E000	00000000	001F5144	00000000	00AFD000	00000000	1A	01	00000000	0	
CLK 24	FFE39000	00000000	00936000	00000000	003EA289	00000000	00AFD000	00000000	1A	00	00000000	0	

TEST N°	FC	R	EW	RU1	EWU1	0							
FDS 12	5	9CFFF53F	49000AFD										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 25	0076F000	00000000	FFC72000	00000000	007D4512	00000000	00AFD000	00000000	1A	FF	00000000	0	
CLK 26	00FABA25	00000000	00EDE000	00000000	00FABA25	00000000	00AFD000	00000000	1A	FE	00000000	0	
PH 09	FF0575DB	00000000	00FABA25	00000000	00FABA25	00000000	00AFD000	00000000	1A	FE	00000000	0	
PH 10	FF0575DC	00000000	00FABA25	00000000	00FABA25	00000000	00AFD000	00000000	E5	FE	A50575DC	0	

TEST N°	FC	R	EW	RUI	EWU1	θ							
FDS 13	5	80FFFFFF5	93FFFFFF8										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	03FFFFFF5	80000000	00000000	00000000	00000000	00000000	00000000	00000000	E5	FE	80FFFFFF5	0	
PH 02	03FFFFFF8	93000000	FFFFFFF5	80000000	00000000	00000000	00000000	00000000	00	00	93FFFFFF8	0	
PH 03	FFFFFFFEE	13000000	FFFFFFF5	7F800000	00000000	00000000	FFFFFFF8	93800000	00	00	00000000	0	
PH 04	FFFFFFFEE	00000000	FFFFFFF5	00000000	00000000	00000000	FFFFFFF8	93800000	13	00	00000000	1	
PH 05	FFFFFFF8	00000000	FFFFFFF5	00000000	00000000	00000000	FFFFFFF8	00000000	13	00	00000000	0	
CLK 02	FFFFFFF8	00000000	FFFFFFF8	00000000	00000000	00000000	FFFFFFF5	00000000	14	00	00000000	0	
CLK 03	FFFFF800	00000000	FFFFF800	00000000	00000000	00000000	FFFFFFF5	00000000	15	00	00000000	0	
CLK 04	FFFF8000	00000000	FFFF8000	00000000	00000000	00000000	FFFFFFF5	00000000	16	00	00000000	0	
CLK 05	FFF80000	00000000	FFF80000	00000000	00000000	00000000	FFFFFFF5	00000000	17	00	00000000	0	
CLK 06	FF800000	00000000	FF800000	00000000	00000000	00000000	FFFFFFF5	00000000	18	00	00000000	1	
PH 06	0000000B	00000000	FF800000	00000000	00000000	00000000	FFFFFFF5	00000000	18	00	00000000	0	
CLK 02	000000B0	00000000	000000B0	00000000	00000000	00000000	FF800000	00000000	17	FF	00000000	0	
CLK 03	000000B0	00000000	000000B0	00000000	00000000	00000000	FF800000	00000000	16	FE	00000000	0	
CLK 04	000000B0	00000000	000000B0	00000000	00000000	00000000	FF800000	00000000	15	FD	00000000	0	
CLK 05	00000000	00000000	00000000	00000000	00000000	00000000	FF800000	00000000	14	FC	00000000	0	
CLK 06	00800000	00000000	00800000	00000000	00000000	00000000	FF800000	00000000	13	FB	00000000	0	
PH 07	00300000	00000000	00800000	00000000	00000000	00000000	FF800000	00000000	13	FB	00000000	2	
PH 08	00800000	00000000	00800000	00000000	00000000	00000000	FF800000	00000000	13	17	00000000	0	
PH 08	00080000	00000000	00080000	00000000	00000000	00000000	FF800000	00000000	14	17	00000000	0	
CLK 02	FF960000	00000000	00160000	00000000	00000000	00000000	FF800000	00000000	14	16	00000000	0	
CLK 03	FFAC0000	00000000	FF2C0000	00000000	00000000	00000000	FF800000	00000000	14	15	00000000	0	
CLK 04	FF800000	00000000	FF580000	00000000	00000000	00000000	FF800000	00000000	14	14	00000000	0	
CLK 05	00300000	00000000	FFB00000	00000000	00000000	00000000	FF800000	00000000	14	13	00000000	0	
CLK 06	FFE00000	00000000	00600000	00000000	00000001	00000000	FF800000	00000000	14	12	00000000	0	
CLK 07	00400000	00000000	FFC00000	00000000	00000002	00000000	FF800000	00000000	14	11	00000000	0	
CLK 08	00000000	00000000	00800000	00000000	00000005	00000000	FF800000	00000000	14	10	00000000	0	
CLK 09	FF800000	00000000	00000000	00000000	0000000B	00000000	FF800000	00000000	14	0F	00000000	0	
CLK 10	FF800000	00000000	FF000000	00000000	00000016	00000000	FF800000	00000000	14	0E	00000000	0	
CLK 11	FF800000	00000000	FF000000	00000000	0000002C	00000000	FF800000	00000000	14	0D	00000000	0	
CLK 12	FF800000	00000000	FF000000	00000000	00000058	00000000	FF800000	00000000	14	0C	00000000	0	
CLK 13	FF800000	00000000	FF000000	00000000	00000080	00000000	FF800000	00000000	14	0B	00000000	0	
CLK 14	FF800000	00000000	FF000000	00000000	00000160	00000000	FF800000	00000000	14	0A	00000000	0	
CLK 15	FF800000	00000000	FF000000	00000000	000002C0	00000000	FF800000	00000000	14	09	00000000	0	
CLK 16	FF800000	00000000	FF000000	00000000	00000580	00000000	FF800000	00000000	14	08	00000000	0	
CLK 17	FF800000	00000000	FF000000	00000000	00000800	00000000	FF800000	00000000	14	07	00000000	0	
CLK 18	FF800000	00000000	FF000000	00000000	00001600	00000000	FF800000	00000000	14	06	00000000	0	
CLK 19	FF800000	00000000	FF000000	00000000	00002C00	00000000	FF800000	00000000	14	05	00000000	0	

TEST N°	FC	R	EW	RUI	EWU1	θ							
FDS 13	5	80FFFFFF5	93FFFFFF8										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
CLK 20	FF800000	00000000	FF000000	00000000	00005800	00000000	FF800000	00000000	14	04	00000000	0	
CLK 21	FF800000	00000000	FF000000	00000000	00008000	00000000	FF800000	00000000	14	03	00000000	0	
CLK 22	FF800000	00000000	FF000000	00000000	00016000	00000000	FF800000	00000000	14	02	00000000	0	
CLK 23	FF800000	00000000	FF000000	00000000	0002C000	00000000	FF800000	00000000	14	01	00000000	0	
CLK 24	FF800000	00000000	FF000000	00000000	00058000	00000000	FF800000	00000000	14	00	00000000	0	
CLK 25	FF800000	00000000	FF000000	00000000	00080000	00000000	FF800000	00000000	14	FF	00000000	0	
CLK 26	00160000	00000000	FF000000	00000000	00160000	00000000	FF800000	00000000	14	FE	00000000	0	
PH 09	00160000	00000000	00160000	00000000	00000000	00000000	FF800000	00000000	14	FE	00000000	0	
PH 10	00160000	00000000	00160000	00000000	00160000	00000000	FF800000	00000000	14	FE	54160000	0	

TEST N°	FC	R	EW	RU1	EWU1							
FDS 14	5	AC67F6A8	18457CC1									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	0367F6A8	AC000000	00000000	00000000	00000000	00000000	00000000	00000000	14	FE	AC67F6A8	0
PH 02	00457CC1	18000000	FF67F6A8	AC000000	00000000	00000000	00000000	00000000	00	00	18457CC1	0
PH 03	FF2279E7	38800000	FF67F6A8	53800000	00000000	00000000	00457CC1	18000000	00	00	00000000	0
PH 04	FF2279E7	00000000	FF67F6A8	00000000	00000000	00000000	00457CC1	18000000	38	00	00000000	0
PH 06	00930958	00000000	FF67F6A8	00000000	00000000	00000000	00457CC1	00000000	38	00	00000000	0
PH 07	00528C97	00000000	00980958	00000000	00000000	00000000	00457CC1	00000000	38	00	00000000	2
PH 08	00980958	00000000	00980958	00000000	00000000	00000000	00457CC1	00000000	38	17	00000000	0
PH 08	00098095	80000000	00098095	80000000	00000000	00000000	00457CC1	00000000	3C	17	00000000	0
CLK 02	FFCDR46A	00000000	0013012B	00000000	00000000	00000000	00457CC1	00000000	3C	16	00000000	0
CLK 03	FFE08595	00000000	FF9808D4	00000000	00000000	00000000	00457CC1	00000000	3C	15	00000000	0
CLK 04	000687EB	00000000	FFC1032A	00000000	00000000	00000000	00457CC1	00000000	3C	14	00000000	0
CLK 05	FFC79315	00000000	000D0FD6	00000000	00000001	00000000	00457CC1	00000000	3C	13	00000000	0
CLK 06	FFD4A2EB	00000000	FF8F262A	00000000	00000002	00000000	00457CC1	00000000	3C	12	00000000	0
CLK 07	FFEEC297	00000000	FFA945D6	00000000	00000004	00000000	00457CC1	00000000	3C	11	00000000	0
CLK 08	002301EF	00000000	FFD0852E	00000000	00000008	00000000	00457CC1	00000000	3C	10	00000000	0
CLK 09	0000871D	00000000	004603DE	00000000	00000011	00000000	00457CC1	00000000	3C	0F	00000000	0
CLK 10	FFB9179	00000000	00010E3A	00000000	00000023	00000000	00457CC1	00000000	3C	0E	00000000	0
CLK 11	FFBC9FB3	00000000	FF7722F2	00000000	00000046	00000000	00457CC1	00000000	3C	0D	00000000	0
CLK 12	FFB8C27	00000000	FF793F66	00000000	0000008C	00000000	00457CC1	00000000	3C	0C	00000000	0
CLK 13	FFC2F50F	00000000	FF7D784E	00000000	00000118	00000000	00457CC1	00000000	3C	0B	00000000	0
CLK 14	FFC866DF	00000000	FF85EA1E	00000000	00000230	00000000	00457CC1	00000000	3C	0A	00000000	0
CLK 15	FFDC4A7F	00000000	FF96CDBE	00000000	00000460	00000000	00457CC1	00000000	3C	09	00000000	0
CLK 16	FFFE11B5	00000000	FFB894FF	00000000	000008C0	00000000	00457CC1	00000000	3C	08	00000000	0
CLK 17	0041A03F	00000000	FFFC237E	00000000	00001180	00000000	00457CC1	00000000	3C	07	00000000	0
CLK 18	0003DC3B	00000000	0083407E	00000000	00002301	00000000	00457CC1	00000000	3C	06	00000000	0
CLK 19	00360A99	00000000	007B877A	00000000	00004603	00000000	00457CC1	00000000	3C	05	00000000	0
CLK 20	002698F1	00000000	006C1872	00000000	00008C07	00000000	00457CC1	00000000	3C	04	00000000	0
CLK 21	00078AA1	00000000	004D3162	00000000	0001180F	00000000	00457CC1	00000000	3C	03	00000000	0
CLK 22	FFC9EC81	00000000	000F6942	00000000	0002301F	00000000	00457CC1	00000000	3C	02	00000000	0
CLK 23	FFD955C3	00000000	FF93D9D2	00000000	0004603E	00000000	00457CC1	00000000	3C	01	00000000	0
CLK 24	FFF82847	00000000	FFB2A386	00000000	0008C07C	00000000	00457CC1	00000000	3C	00	00000000	0
CLK 25	0035CD4F	00000000	FFF0508E	00000000	001180F8	00000000	00457CC1	00000000	3C	FF	00000000	0
CLK 26	002301F1	00000000	006B9A9E	00000000	002301F1	00000000	00457CC1	00000000	3C	FE	00000000	0
PH 09	FFDCFE0F	00000000	002301F1	00000000	002301F1	00000000	00457CC1	00000000	3C	FE	00000000	0
PH 10	FFDCFE10	00000000	002301F1	00000000	002301F1	00000000	00457CC1	00000000	C3	FE	83DCFE10	0

TEST N°	FC	R	EW	RU1	EWU1							
FDS 15	5	72963D9E	6136547A									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW
PH 01	00963D9E	72000000	00000000	00000000	00000000	00000000	00000000	00000000	C3	FE	72963D9E	0
PH 02	0036547A	61000000	00963D9E	72000000	00000000	00000000	00000000	00000000	00	00	6136547A	0
PH 03	005FE924	11800000	00963D9E	72800000	00000000	00000000	0036547A	61000000	00	00	00000000	0
PH 04	005FE924	00000000	00963D9E	00000000	00000000	00000000	0036547A	61000000	11	00	00000000	0
PH 06	00963D9E	00000000	00963D9E	00000000	00000000	00000000	0036547A	00000000	11	00	00000000	0
PH 07	005FE924	00000000	00963D9E	00000000	00000000	00000000	0036547A	00000000	11	00	00000000	2
PH 08	00963D9E	00000000	00963D9E	00000000	00000000	00000000	0036547A	00000000	11	17	00000000	0
PH 08	000963D9	E0000000	000963D9	E0000000	00000000	00000000	0036547A	00000000	12	17	00000000	0
CLK 02	FFDC7339	C0000000	0012C793	C0000000	00000000	00000000	0036547A	00000000	12	16	00000000	0
CLK 03	FFEF3AED	80000000	FFB8E673	80000000	00000000	00000000	0036547A	00000000	12	15	00000000	0
CLK 04	0014CA55	00000000	FFDE75D9	00000000	00000000	00000000	0036547A	00000000	12	14	00000000	0
CLK 05	FFF34030	00000000	002994AA	00000000	00000001	00000000	0036547A	00000000	12	13	00000000	0
CLK 06	001CD4DA	00000000	FFE68060	00000000	00000002	00000000	0036547A	00000000	12	12	00000000	0
CLK 07	0003E53A	00000000	0039A9B4	00000000	00000005	00000000	0036547A	00000000	12	11	00000000	0
CLK 08	FFD055FA	00000000	0006AA74	00000000	0000000B	00000000	0036547A	00000000	12	10	00000000	0
CLK 09	FFD700E6	00000000	FFA0A3F4	00000000	00000016	00000000	0036547A	00000000	12	0F	00000000	0
CLK 10	FFE45556	00000000	FFAE07DC	00000000	0000002C	00000000	0036547A	00000000	12	0E	00000000	0
CLK 11	FFFEFF26	00000000	FFC8AAAC	00000000	00000058	00000000	0036547A	00000000	12	0D	00000000	0
CLK 12	003452C6	00000000	FFDFE4C	00000000	00000080	00000000	0036547A	00000000	12	0C	00000000	0
CLK 13	00325112	00000000	0068A59C	00000000	00000161	00000000	0036547A	00000000	12	0B	00000000	0
CLK 14	002E47DA	00000000	0064A224	00000000	000002C3	00000000	0036547A	00000000	12	0A	00000000	0
CLK 15	002646DA	00000000	005C9354	00000000	00000587	00000000	0036547A	00000000	12	09	00000000	0
CLK 16	0016393A	00000000	004C8D94	00000000	00000B0F	00000000	0036547A	00000000	12	08	00000000	0
CLK 17	FFF61DFA	00000000	002C7274	00000000	0000161F	00000000	0036547A	00000000	12	07	00000000	0
CLK 18	0022906E	00000000	FFEC33F4	00000000	00002C3E	00000000	0036547A	00000000	12	06	00000000	0
CLK 19	000ECC62	00000000	004520D2	00000000	00008B70	00000000	0036547A	00000000	12	05	00000000	0
CLK 20	FFE7444A	00000000	001D98C4	00000000	000080FB	00000000	0036547A	00000000	12	04	00000000	0
CLK 21	0004D7DE	00000000	FFCER494	00000000	000161FE	00000000	0036547A	00000000	12	03	00000000	0
CLK 22	FFD365A2	00000000	0009BA1C	00000000	0002C3E0	00000000	0036547A	00000000	12	02	00000000	0
CLK 23	FFD01FRE	00000000	FFA6C344	00000000	000587DA	00000000	0036547A	00000000	12	01	00000000	0
CLK 24	FFF093F6	00000000	FFBA3F7C	00000000	000030FB	00000000	0036547A	00000000	12	00	00000000	0
CLK 25	00177C66	00000000	FFE127EC	00000000	00161F68	00000000	0036547A	00000000	12	FF	00000000	0
CLK 26	002C3ED1	00000000	002EF8CC	00000000	002C3ED1	00000000	0036547A	00000000	12	FE	00000000	0
PH 09	002C3ED1	00000000	002C3ED1	00000000	002C3ED1	00000000	0036547A	00000000	12	FE	00000000	0
PH 10	002C3ED1	00000000	002C3ED1	00000000	002C3ED1	00000000	0036547A	00000000	12	FE	522C3ED1	0

TEST	NB	FC	R	EW	RUI	EWU1	8							
FDS	16	5	8D8E2FD4	AFA041E6										
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW		
PH 01	038E2FD4	80000000	00000000	00000000	00000000	00000000	00000000	00000000	12	FE	8D8E2FD4	0		
PH 02	03A041E6	A0000000	FF8E2FD4	80000000	00000000	00000000	00000000	00000000	00	00	AFA041E6	0		
PH 03	FF2E71BB	22000000	FF8E2FD4	72800000	00000000	00000000	FFA041E6	AF800000	00	00	00000000	0		
PH 04	FF2E71BB	00000000	FF8E2FD4	00000000	00000000	00000000	FFA041E6	AF800000	22	00	00000000	0		
PH 06	0071D02C	00000000	FF8E2FD4	00000000	00000000	00000000	FFA041E6	00000000	22	00	00000000	0		
PH 07	00121212	00000000	0071D02C	00000000	00000000	00000000	FFA041E6	00000000	22	00	00000000	2		
PH 08	0071D02C	00000000	0071D02C	00000000	00000000	00000000	FFA041E6	00000000	22	17	00000000	0		
PH 08	00071D02	C0000000	00071D02	C0000000	00000000	00000000	FFA041E6	00000000	23	17	00000000	0		
CLK 02	FFAE78EB	80000000	000E3A05	80000000	00000000	00000000	FFA041E6	00000000	23	16	00000000	0		
CLK 03	FF8C85F1	00000000	FF5CF7D7	00000000	00000000	00000000	FFA041E6	00000000	23	15	00000000	0		
CLK 04	FFD929FC	00000000	FF7968E2	00000000	00000000	00000000	FFA041E6	00000000	23	14	00000000	0		
CLK 05	00121212	00000000	FFB253F8	00000000	00000000	00000000	FFA041E6	00000000	23	13	00000000	0		
CLK 06	FFC4660A	00000000	00242424	00000000	00000001	00000000	FFA041E6	00000000	23	12	00000000	0		
CLK 07	FFE88A2E	00000000	FF88CC14	00000000	00000002	00000000	FFA041E6	00000000	23	11	00000000	0		
CLK 08	0030D276	00000000	FFD1145C	00000000	00000004	00000000	FFA041E6	00000000	23	10	00000000	0		
CLK 09	0001E6D2	00000000	0061A4EC	00000000	00000009	00000000	FFA041E6	00000000	23	0F	00000000	0		
CLK 10	FFA40FAA	00000000	0003CDA4	00000000	00000013	00000000	FFA041E6	00000000	23	0E	00000000	0		
CLK 11	FFA7DD2E	00000000	FF481F14	00000000	00000026	00000000	FFA041E6	00000000	23	0D	00000000	0		
CLK 12	FFAF787E	00000000	FF4FBA5C	00000000	0000004C	00000000	FFA041E6	00000000	23	0C	00000000	0		
CLK 13	FFBEAF06	00000000	FF5EFOEC	00000000	00000098	00000000	FFA041E6	00000000	23	0B	00000000	0		
CLK 14	FFD01C26	00000000	FF7D5E0C	00000000	00000130	00000000	FFA041E6	00000000	23	0A	00000000	0		
CLK 15	0019F666	00000000	FFBA384C	00000000	00000260	00000000	FFA041E6	00000000	23	09	00000000	0		
CLK 16	FFD42EB2	00000000	0033ECCC	00000000	000004C1	00000000	FFA041E6	00000000	23	08	00000000	0		
CLK 17	00081B7E	00000000	FFA85D64	00000000	00000982	00000000	FFA041E6	00000000	23	07	00000000	0		
CLK 18	FFB078E2	00000000	001036FC	00000000	00001305	00000000	FFA041E6	00000000	23	06	00000000	0		
CLK 19	FFC0AFDE	00000000	FF60F1C4	00000000	0000260A	00000000	FFA041E6	00000000	23	05	00000000	0		
CLK 20	FFE11D06	00000000	FF815F8C	00000000	00004C14	00000000	FFA041E6	00000000	23	04	00000000	0		
CLK 21	0021F9C6	00000000	FFC23BAC	00000000	00009828	00000000	FFA041E6	00000000	23	03	00000000	0		
CLK 22	FFE43572	00000000	0043F38C	00000000	00013051	00000000	FFA041E6	00000000	23	02	00000000	0		
CLK 23	002828FE	00000000	FFC86AE4	00000000	000260A2	00000000	FFA041E6	00000000	23	01	00000000	0		
CLK 24	FF093FE2	00000000	005051FC	00000000	0004C145	00000000	FFA041E6	00000000	23	00	00000000	0		
CLK 25	0040E5DE	00000000	FFE127C4	00000000	0009828A	00000000	FFA041E6	00000000	23	FF	00000000	0		
CLK 26	00130515	00000000	0081CB8C	00000000	00130515	00000000	FFA041E6	00000000	23	FE	00000000	0		
PH 09	00130515	00000000	00130515	00000000	00130515	00000000	FFA041E6	00000000	23	FE	00000000	0		
PH 10	00130515	00000000	00130515	00000000	00130515	00000000	FFA041E6	00000000	23	FE	63130515	0		

TEST	NB	FC	R	EW	RUI	EWU1	8						
FDS	17	5	67284031	58F58073									
CYCLE	S(45=71)	S(00=31)	A(47=71)	A(00=31)	B(48=71)	B(00=31)	D(46=71)	D(00=31)	E	F	FP	SW	
PH 01	00284031	67000000	00000000	00000000	00000000	00000000	00000000	00000000	23	FE	67284031	0	
PH 02	00F58073	58000000	00284031	67000000	00000000	00000000	00000000	00000000	00	00	58F58073	0	
PH 03	FF32BF8E	0F800000	00284031	67800000	00000000	00000000	00F58073	58000000	00	00	00000000	0	
PH 04	FF32BF8E	00000000	00284031	00000000	00000000	00000000	00F58073	58000000	0F	00	00000000	0	
PH 06	00284031	00000000	00284031	00000000	00000000	00000000	00F58073	00000000	0F	00	00000000	0	
PH 07	FF32BF8E	00000000	00284031	00000000	00000000	00000000	00F58073	00000000	0F	00	00000000	0	
PH 08	00284031	00000000	00284031	00000000	00000000	00000000	00F58073	00000000	0F	17	00000000	0	
CLK 02	FF5AFFEF	00000000	00508062	00000000	00000000	00000000	00F58073	00000000	0F	16	00000000	0	
CLK 03	FFAB8051	00000000	FFB5FFDE	00000000	00000000	00000000	00F58073	00000000	0F	15	00000000	0	
CLK 04	004C8115	00000000	FF3700A2	00000000	00000000	00000000	00F58073	00000000	0F	14	00000000	0	
CLK 05	FFA381B7	00000000	0099022A	00000000	00000001	00000000	00F58073	00000000	0F	13	00000000	0	
CLK 06	003C83E1	00000000	FF47036E	00000000	00000002	00000000	00F58073	00000000	0F	12	00000000	0	
CLK 07	FF83874F	00000000	007907C2	00000000	00000005	00000000	00F58073	00000000	0F	11	00000000	0	
CLK 08	FFFC8F11	00000000	FF070E9E	00000000	0000000A	00000000	00F58073	00000000	0F	10	00000000	0	
CLK 09	00FE9E95	00000000	FFF91E22	00000000	00000014	00000000	00F58073	00000000	0F	0F	00000000	0	
CLK 10	00E78C87	00000000	00D3D2A	00000000	00000029	00000000	00F58073	00000000	0F	0E	00000000	0	
CLK 11	00D9F8FB	00000000	00CF796E	00000000	00000053	00000000	00F58073	00000000	0F	0D	00000000	0	
CLK 12	008E7183	00000000	00B3F1F6	00000000	000000A7	00000000	00F58073	00000000	0F	0C	00000000	0	
CLK 13	00876293	00000000	007CE306	00000000	0000014F	00000000	00F58073	00000000	0F	0B	00000000	0	
CLK 14	00194493	00000000	000EC526	00000000	0000029F	00000000	00F58073	00000000	0F	0A	00000000	0	
CLK 15	FF3D08F3	00000000	00328956	00000000	0000053F	00000000	00F58073	00000000	0F	09	00000000	0	
CLK 16	FF6F9259	00000000	FF7A11E6	00000000	00000A7E	00000000	00F58073	00000000	0F	08	00000000	0	
CLK 17	FFD44595	00000000	FFDF2492	00000000	00014FC	00000000	00F58073	00000000	0F	07	00000000	0	
CLK 18	009ECARD	00000000	FFA9444A	00000000	000029F8	00000000	00F58073	00000000	0F	06	00000000	0	
CLK 19	00481507	00000000	003D957A	00000000	000053F1	00000000	00F58073	00000000	0F	05	00000000	0	
CLK 20	FF9AA99B	00000000	00902A0E	00000000	0000A7E3	00000000	00F58073	00000000	0F	04	00000000	0	
CLK 21	002AD3A9	00000000	FF355336	00000000	00014FC6	00000000	00F58073	00000000	0F	03	00000000	0	
CLK 22	FF6326F7	00000000	0055A752	00000000	00029F8D	00000000	00F58073	00000000	0F	02	00000000	0	
CLK 23	FF85CE31	00000000	FFC04DBE	00000000	00053F1A	00000000	00F58073	00000000	0F	01	00000000	0	
CLK 24	00611C05	00000000	FF6B9C62	00000000	000A7E34	00000000	00F58073	00000000	0F	00	00000000	0	
CLK 25	FFCC9337	00000000	00C239AA	00000000	0014FC69	00000000	00F58073	00000000	0F	FF	00000000	0	
CLK 26	0029F8D2	00000000	FF99726E	00000000	0029F8D2	00000000	00F58073	00000000	0F	FE	00000000	0	

TEST N°	FC	R	EW	RU1	EWU1								
FDS	18	5	B132F65A	D2658CA9									
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	0332F65A	B1000000	00000000	00000000	00000000	00000000	00000000	00000000	0F	FE	B132F65A	0	
PH 02	03658CA9	D2000000	FF32F65A	B1000000	00000000	00000000	00000000	00000000	00	00	D2658CA9	0	
PH 03	FE988304	21000000	FF32F65A	4E800000	00000000	00000000	FF658CA9	D2800000	00	00	00000000	0	
PH 04	FE988304	00000000	FF32F65A	00000000	00000000	00000000	FF658CA9	D2800000	21	00	00000000	0	
PH 06	00CD09A6	00000000	FF32F65A	00000000	00000000	00000000	FF658CA9	00000000	21	00	00000000	0	
PH 07	0032C64F	00000000	00CD09A6	00000000	00000000	00000000	FF658CA9	00000000	21	00	00000000	2	
PH 08	00CD09A6	00000000	00CD09A6	00000000	00000000	00000000	FF658CA9	00000000	21	17	00000000	0	
PH 08	00CD09A6	60000000	00CD09A6	60000000	00000000	00000000	FF658CA9	00000000	22	17	00000000	0	
PH 08	00CD09A6	C0000000	0019A134	C0000000	00000000	00000000	FF658CA9	00000000	22	16	00000000	0	
CLK 02	FF7F8DDD	C0000000	0019A134	00000000	00000000	FF658CA9	00000000	22	15	00000000	0		
CLK 03	FF98FF12	80000000	FFFE8B3B	80000000	00000000	00000000	FF658CA9	00000000	22	15	00000000	0	
CLK 04	FFC0417C	00000000	FF31FE25	00000000	00000000	00000000	FF658CA9	00000000	22	14	00000000	0	
CLK 05	0032C64F	00000000	FF9882F8	00000000	00000000	00000000	FF658CA9	00000000	22	13	00000000	0	
CLK 06	FFC94947	00000000	00658C9E	00000000	00000001	00000000	FF658CA9	00000000	22	12	00000000	0	
CLK 07	0030D5E5	00000000	FF96928E	00000000	00000002	00000000	FF658CA9	00000000	22	11	00000000	0	
CLK 08	FFC76873	00000000	0061ABCA	00000000	00000005	00000000	FF658CA9	00000000	22	10	00000000	0	
CLK 09	0029143D	00000000	FF8ED3E6	00000000	0000000A	00000000	FF658CA9	00000000	22	0F	00000000	0	
CLK 10	FFB7E523	00000000	0052287A	00000000	00000015	00000000	FF658CA9	00000000	22	0E	00000000	0	
CLK 11	00A0D9D	00000000	FF6FCA46	00000000	0000002A	00000000	FF658CA9	00000000	22	0D	00000000	0	
CLK 12	FF79D7E3	00000000	0014183A	00000000	00000035	00000000	FF658CA9	00000000	22	0C	00000000	0	
CLK 13	FF8DF31D	00000000	FFF3AFC6	00000000	0000004A	00000000	FF658CA9	00000000	22	0B	00000000	0	
CLK 14	FFB62991	00000000	FF1BE63A	00000000	00000054	00000000	FF658CA9	00000000	22	0A	00000000	0	
CLK 15	00069679	00000000	FF6C5322	00000000	0000002A	00000000	FF658CA9	00000000	22	09	00000000	0	
CLK 16	FF72E998	00000000	000D2CF2	00000000	00000051	00000000	FF658CA9	00000000	22	08	00000000	0	
CLK 17	FF80168D	00000000	FFE5D336	00000000	000000AA	00000000	FF658CA9	00000000	22	07	00000000	0	
CLK 18	FF9A7071	00000000	FF02D1A	00000000	00001544	00000000	FF658CA9	00000000	22	06	00000000	0	
CLK 19	FFCF2439	00000000	FF34E0E2	00000000	00002A88	00000000	FF658CA9	00000000	22	05	00000000	0	
CLK 20	00388BC9	00000000	FF9E4872	00000000	00005510	00000000	FF658CA9	00000000	22	04	00000000	0	
CLK 21	FF06D43B	00000000	00711792	00000000	0000AA21	00000000	FF658CA9	00000000	22	03	00000000	0	
CLK 22	0047EBCD	00000000	FFADA876	00000000	00015442	00000000	FF658CA9	00000000	22	02	00000000	0	
CLK 23	FFF59443	00000000	008FD79A	00000000	0002A885	00000000	FF658CA9	00000000	22	01	00000000	0	
CLK 24	008568DD	00000000	FFE32886	00000000	0005510A	00000000	FF658CA9	00000000	22	00	00000000	0	
CLK 25	00709463	00000000	00A0D7BA	00000000	000AA215	00000000	FF658CA9	00000000	22	FF	00000000	0	
CLK 26	0015442B	00000000	00E128C6	00000000	00154423	00000000	FF658CA9	00000000	22	FE	00000000	0	
PH 09	0015442B	00000000	0015442B	00000000	00154423	00000000	FF658CA9	00000000	22	FE	00000000	0	
PH 10	0015442B	00000000	0015442B	00000000	00154423	00000000	FF658CA9	00000000	22	FE	6215442B	0	

TEST N°	FC	R	EW	RU1	EWU1								
FDS	19	5	49A80AFD	CFCF7C1C									
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW	
PH 01	00A80AFD	49000000	00000000	00000000	00000000	00000000	00000000	00000000	22	FE	49A80AFD	0	
PH 02	03CF7C1C	CF000000	00A80AFD	49000000	00000000	00000000	00000000	00000000	00	00	CFCF7C1C	0	
PH 03	0077871A	19000000	00A80AFD	49800000	00000000	00000000	FFCF7C1C	CF800000	00	00	00000000	0	
PH 04	0077871A	00000000	00A80AFD	00000000	00000000	00000000	FFCF7C1C	CF800000	19	00	00000000	0	
PH 06	00A80AFD	00000000	00A80AFD	00000000	00000000	00000000	FFCF7C1C	00000000	19	00	00000000	0	
PH 07	00778719	00000000	00A80AFD	00000000	00000000	00000000	FFCF7C1C	00000000	19	00	00000000	2	
PH 08	00A80AFD	00000000	00A80AFD	00000000	00000000	00000000	FFCF7C1C	00000000	19	17	00000000	0	
PH 08	00A80AFD	00000000	00A80AFD	00000000	00000000	00000000	FFCF7C1C	00000000	1A	17	00000000	0	
CLK 02	FFE47D7B	A0000000	0015015F	A0000000	00000000	00000000	FFCF7C1C	00000000	1A	16	00000000	0	
CLK 03	FFF97EDB	40000000	FFC8FAF7	40000000	00000000	00000000	FFCF7C1C	00000000	1A	15	00000000	0	
CLK 04	0023819A	80000000	FFF2FDB6	80000000	00000000	00000000	FFCF7C1C	00000000	1A	14	00000000	0	
CLK 05	00167F51	00000000	0047D335	00000000	00000001	00000000	FFCF7C1C	00000000	1A	13	00000000	0	
CLK 06	FFF7C7ABE	00000000	002CFEA2	00000000	00000003	00000000	FFCF7C1C	00000000	1A	12	00000000	0	
CLK 07	00297960	00000000	FFF8F57C	00000000	00000006	00000000	FFCF7C1C	00000000	1A	11	00000000	0	
CLK 08	00226EDC	00000000	0052F2C0	00000000	00000000	00000000	FFCF7C1C	00000000	1A	10	00000000	0	
CLK 09	001459D4	00000000	0044D098	00000000	00000013	00000000	FFCF7C1C	00000000	1A	0F	00000000	0	
CLK 10	FFF82FC4	00000000	002883A8	00000000	00000037	00000000	FFCF7C1C	00000000	1A	0E	00000000	0	
CLK 11	0020E36C	00000000	FFF05F88	00000000	0000006E	00000000	FFCF7C1C	00000000	1A	0D	00000000	0	
CLK 12	001142F4	00000000	0041C6D8	00000000	000000D0	00000000	FFCF7C1C	00000000	1A	0C	00000000	0	
CLK 13	FFF20204	00000000	002285F8	00000000	000001B3	00000000	FFCF7C1C	00000000	1A	0B	00000000	0	
CLK 14	001487EC	00000000	FFE40408	00000000	00000376	00000000	FFCF7C1C	00000000	1A	0A	00000000	0	
CLK 15	FFF88BF4	00000000	00290FD8	00000000	000006ED	00000000	FFCF7C1C	00000000	1A	09	00000000	0	
CLK 16	002199CC	00000000	FFF117E8	00000000	00000DDA	00000000	FFCF7C1C	00000000	1A	08	00000000	0	
CLK 17	00129384	00000000	00433798	00000000	00001B85	00000000	FFCF7C1C	00000000	1A	07	00000000	0	
CLK 18	FFF4E384	00000000	00256768	00000000	00003763	00000000	FFCF7C1C	00000000	1A	06	00000000	0	
CLK 19	001A4AEC	00000000	FFE9C708	00000000	00006ED6	00000000	FFCF7C1C	00000000	1A	05	00000000	0	
CLK 20	000411F4	00000000	00349578	00000000	0000DDAD	00000000	FFCF7C1C	00000000	1A	04	00000000	0	
CLK 21	FFD7A0D4	00000000	000823E8	00000000	0001B855	00000000	FFCF7C1C	00000000	1A	03	00000000	0	
CLK 22	FFD7FC3EC	00000000	FFAF4008	00000000	000376B6	00000000	FFCF7C1C	00000000	1A	02	00000000	0	
CLK 23	FFF008BC	00000000	FFBF87D8	00000000	0006E26C	00000000	FFCF7C1C	00000000	1A	01	00000000	0	
CLK 24	00109B5C	00000000	FFE01778	00000000	000DDAD8	00000000	FFCF7C1C	00000000	1A	00	00000000	0	
CLK 25	FFF0B2D4	00000000	002136B8	00000000	001B85B1	00000000	FFCF7C1C	00000000	1A	FF	00000000	0	
CLK 26	00376862	00000000	FFE165A8	00000000	00376362	00000000	FFCF7C1C	00000000					

TEST No	FC	R	EW	RU1	EWU1														
FDS	20	5	81659CC1	4B67F5A8															
CYCLE	S(45-71)	S(00-31)	A(47-71)	A(00-31)	B(48-71)	B(00-31)	D(46-71)	D(00-31)	E	F	FP	SW							
PH 01	03659CC1	81000000	00000000	00000000	00000000	00000000	00000000	00000000	E5	FE	81659CC1	0							
PH 02	0067F5A8	48000000	FF659CC1	81000000	00000000	00000000	00000000	00000000	00	00	4867F5A8	0							
PH 03	FEFDA719	33800000	FF659CC1	7E800000	00000000	00000000	0067F5A8	48000000	00	00	00000000	0							
PH 04	FEFDA719	00000000	FF659CC1	00000000	00000000	00000000	0067F5A8	48000000	33	00	00000000	0							
PH 06	009A633F	00000000	FF659CC1	00000000	00000000	00000000	0067F5A8	00000000	33	00	00000000	0							
PH 07	00326D97	00000000	009A633F	00000000	00000000	00000000	0067F5A8	00000000	33	00	00000000	2							
PH 08	009A633F	00000000	009A633F	00000000	00000000	00000000	0067F5A8	00000000	33	17	00000000	0							
PH 08	0009A633	F0000000	0009A633	F0000000	00000000	00000000	0067F5A8	00000000	34	17	00000000	0							
CLK 02	FFAB56BF	E0000000	00134C67	E0000000	00000000	00000000	0067F5A8	00000000	34	16	00000000	0							
CLK 03	FFBEA327	C0000000	FF56AD7F	C0000000	00000000	00000000	0067F5A8	00000000	34	15	00000000	0							
CLK 04	FFE53BF7	80000000	FF7D464F	80000000	00000000	00000000	0067F5A8	00000000	34	14	00000000	0							
CLK 05	00326D97	00000000	FFCA77EF	00000000	00000000	00000000	0067F5A8	00000000	34	13	00000000	0							
CLK 06	FFFC5E86	00000000	0064DB7E	00000000	00000001	00000000	0067F5A8	00000000	34	12	00000000	0							
CLK 07	0061C0B4	00000000	FFF9CB0C	00000000	00000002	00000000	0067F5A8	00000000	34	11	00000000	0							
CLK 08	00588BC0	00000000	00C3B168	00000000	00000005	00000000	0067F5A8	00000000	34	10	00000000	0							
CLK 09	004F21D8	00000000	00B71780	00000000	0000000B	00000000	0067F5A8	00000000	34	0F	00000000	0							
CLK 10	00364E08	00000000	009E43B0	00000000	00000017	00000000	0067F5A8	00000000	34	0E	00000000	0							
CLK 11	0004A668	00000000	006C9C10	00000000	0000002F	00000000	0067F5A8	00000000	34	0D	00000000	0							
CLK 12	FFA15728	00000000	00094C30	00000000	0000005F	00000000	0067F5A8	00000000	34	0C	00000000	0							
CLK 13	FFAAA3F8	00000000	FF42AE50	00000000	0000000B	00000000	0067F5A8	00000000	34	0B	00000000	0							
CLK 14	FFBD3D98	00000000	FF5547F0	00000000	0000017C	00000000	0067F5A8	00000000	34	0A	00000000	0							
CLK 15	FFE270D8	00000000	FF7A7830	00000000	000002F8	00000000	0067F5A8	00000000	34	09	00000000	0							
CLK 16	002CD758	00000000	FFC4E1B0	00000000	000005F0	00000000	0067F5A8	00000000	34	08	00000000	0							
CLK 17	FFF1B908	00000000	0059AEB0	00000000	00000BE1	00000000	0067F5A8	00000000	34	07	00000000	0							
CLK 18	004867B8	00000000	FFE37210	00000000	000017C2	00000000	0067F5A8	00000000	34	06	00000000	0							
CLK 19	002ED9C8	00000000	0096CF70	00000000	00002F85	00000000	0067F5A8	00000000	34	05	00000000	0							
CLK 20	FFF5BDE8	00000000	005DB390	00000000	00005F0B	00000000	0067F5A8	00000000	34	04	00000000	0							
CLK 21	00537178	00000000	FFE87BD0	00000000	0000BE16	00000000	0067F5A8	00000000	34	03	00000000	0							
CLK 22	003EED48	00000000	00A6E2F0	00000000	00017C2D	00000000	0067F5A8	00000000	34	02	00000000	0							
CLK 23	0015E4F8	00000000	007DDA90	00000000	0002F85B	00000000	0067F5A8	00000000	34	01	00000000	0							
CLK 24	FFC3D428	00000000	002BC9D0	00000000	0005F0B7	00000000	0067F5A8	00000000	34	00	00000000	0							
CLK 25	FFF9D0F8	00000000	FF87A850	00000000	000BE16E	00000000	0067F5A8	00000000	34	FF	00000000	0							
CLK 26	0017C2DC	00000000	FFDF3BF0	00000000	0017C2DC	00000000	0067F5A8	00000000	34	FE	00000000	0							
PH 09	FFE83D24	00000000	0017C2DC	00000000	0017C2DC	00000000	0067F5A8	00000000	34	FE	00000000	0							
PH 10	FFE83D25	00000000	0017C2DC	00000000	0017C2DC	00000000	0067F5A8	00000000	CB	FE	88E83D25	0							

APPENDIX C

This appendix contains the T-charts for the Sigma 7 floating-point multiply and divide instructions.

00001

TIME	SIGMA LOGIC SIMULATOR - FML CASE 0001									
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER	
PPR	55555555	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000	
P01	30555555	00000000	55555555	0	00000000	00000000	00000000	FF000000	00000000	
P02	30000000	00555555	55555555	0	00000000	30555555	00555555	80000000	00000000	
P03	00000000	00000000	15555555	0	00555555	55555555	00555555	00000000	E0000000	
P09	00000000	00000000	05555555	0	00555555	55555555	00555555	00000000	E0000000	
P10	55555555	00155555	45555555	0	00155555	55555555	00555555	00000000	E0000000	
P10	00000000	00100000	15555555	0	00555555	55555555	00555555	AAAAAAA	E00AAAA	
P10	FFFFFFF	0013FFFF	E5555555	0	00015555	55555555	00555555	00000000	E0080000	
P10	AAAAAAAA	0013AAAA	B5555555	0	00005555	55555555	00555555	AAAAAAA	E008AAAA	
P10	55555555	00139555	45555555	0	00001555	55555555	00555555	55555555	E0080555	
P10	55555555	00138555	65555555	0	00000555	55555555	00555555	AAAAAAA	F008EAAA	
P10	AAAAAAAA	00138FAA	B5555555	0	00000155	55555555	00555555	AAAAAAA	E008E2AA	
P10	55555555	00138F55	45555555	0	00000055	55555555	00555555	55555555	E008E355	
P10	55555555	00138F15	65555555	0	00000015	55555555	00555555	AAAAAAA	E008E3AA	
P10	AAAAAAAA	00138F3A	B5555555	0	00000005	55555555	00555555	AAAAAAA	E008E38A	
P10	55555555	00138F39	45555555	0	00000000	55555555	00555555	55555555	E008E380	
P10	55555555	00138F38	65555555	0	00000000	55555555	00555555	AAAAAAA	E008E38E	
P10	EAAAAAAAA	00138F38	B1555555	0	00000000	55555555	00555555	2AAAAAA	E008E38E	
P10	E5555555	00138F38	45555555	0	00000000	55555555	00555555	35555555	E008E38F	
P10	E1555555	00138F38	61555555	0	00000000	55555555	00555555	3AAAAAA	E008E38E	
P10	E3AAAAAA	00138F38	80055555	0	00000000	55555555	00555555	3RAAAAA	E008E38E	
P10	E3555555	00138F38	40015555	0	00000000	55555555	00555555	38055555	E008E38E	
P10	E3855555	00138F38	60005555	0	00000000	55555555	00555555	38FAAAA	E008E38E	
P10	E38FAAAA	00138F38	80001555	0	00000000	55555555	00555555	38F2AAA	F008E38E	
P10	E38E5555	00138F38	40000555	0	00000000	55555555	00555555	38E35555	E008E38F	
P10	E38E1555	00138F38	60000155	0	00000000	55555555	00555555	38E3AAAA	F008E38E	
P10	E38E3AAA	00138F38	80000055	0	00000000	55555555	00555555	38E38AAA	E008E38E	
P10	E38E3955	00138F38	40000015	0	00000000	55555555	00555555	38E38055	E008E38F	
P10	E38E3855	00138F38	60000005	0	00000000	55555555	00555555	38E38EAA	E008E38E	
P10	E38E38FA	00138F38	80000001	0	00000000	55555555	00555555	38E38F2	F008E38E	
P10	E38E3855	00138F38	40000000	0	00000000	55555555	00555555	38E38F3	E008E38F	

00002

TIME	SIGMA LOGIC SIMULATOR - FML CASE 0001									
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER	
P10	E38E3855	00138F38	60000000	0	00000000	55555555	00555555	38E38F3	E008E38F	
P10	E38E3855	00138F38	80000000	0	00000000	00000000	00000000	38E3855	F008E38E	
P11	10710710	00107107	30000000	0	00000000	00000000	00000000	00000000	E0000000	
P12	10710710	00107107	30000000	0	00000000	00000000	00000000	FFFFFFF	FFFFFFFF	
P13	20107107	00000000	30000000	0	00000000	00000000	00000000	00000000	E0000000	
P15	20107107	00000000	30000000	0	00000000	00000000	00000000	00000000	E0000000	

00003

SIGMA LOGIC SIMULATION, FML, CASE 0002									
TIME	A REGISTER	A'REGISTER	B REGISTER	PC31	R'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	AAAAAAAA	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	4CAAAAAA	00000000	AAAAAAAA	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	0CAAAAAA	AAAAAAAA	0	00000000	4CAAAAAA	0CAAAAAA	80000000	00000000
P03	00000000	00000000	2AAAAAAA	0	001AAAAA	AAAAAAAA	0CAAAAAA	00000000	00000000
P09	00000000	00000000	0AAAAAAA	0	001AAAAA	55555554	01555555	00000000	00000000
P10	55555555	00555555	0AAAAAAA	0	002AAAAA	55555554	01555555	00000000	00000000
P10	00000000	00400000	4AAAAAAA	0	003AAAAA	55555554	01555555	AAAAAAA0	002AAAAA
P10	FFFFFFFF	004FFFFFF	9AAAAAAA	0	0002AAAA	55555554	01555555	00000000	00200000
P10	AAAAAAAA	004FAAAA	EAAAAAAA	0	0000AAAA	55555554	01555555	AAAAAAA0	0022AAAA
P10	55555555	004E5555	3AAAAAAA	0	00002AAA	55555554	01555555	55555550	00235555
P10	55555555	004E1555	0AAAAAAA	0	00000AAA	55555554	01555555	AAAAAAA0	0023AAAA
P10	AAAAAAAA	004E3AAA	EAAAAAAA	0	00002AA	55555554	01555555	AAAAAAA0	00238AAA
P10	55555555	004F3955	3AAAAAAA	0	000000AA	55555554	01555555	55555550	00238055
P10	55555555	004F3855	0AAAAAAA	0	0000002A	55555554	01555555	AAAAAAA0	00238EAA
P10	AAAAAAAA	004F38EA	EAAAAAAA	0	0000000A	55555554	01555555	AAAAAAA0	00238E?A
P10	55555555	004F38E5	3AAAAAAA	0	00000002	55555554	01555555	55555550	00238E35
P10	55555555	004F38E1	0AAAAAAA	0	00000000	55555554	01555555	AAAAAAA0	00238E3A
P10	AAAAAAAA	004E38E3	E2AAAAAA	0	00000000	55555554	01555555	AAAAAAA0	00238F38
P10	95555555	004F38E3	30AAAAAA	0	00000000	55555554	01555555	05555550	00238E38
P10	85555555	004F38E3	002AAAAA	0	00000000	55555554	01555555	EAAAAAAA	00238E38
P10	8EAAAAAA	004F38E3	F0CAAAAA	0	00000000	55555554	01555555	E2AAAAAA	00238E38
P10	8E555555	004F38E3	30C2AAAA	0	00000000	55555554	01555555	E3555550	00238F38
P10	8E155555	004E38F3	00C0AAAA	0	00000000	55555554	01555555	E3AAAAAA	00238F38
P10	8E3AAAAA	004E38E3	E0C02AAA	0	00000000	55555554	01555555	E3AAAAAA	00238E38
P10	8E395555	004F38E3	30C00AAA	0	00000000	55555554	01555555	E3805550	00238E38
P10	8E385555	004F38E3	00C002AA	0	00000000	55555554	01555555	E38EAAA0	00238F38
P10	8E38EAAA	004F38E3	E0C000AA	0	00000000	55555554	01555555	E38E2AAA	00238E38
P10	8E38E555	004E38F3	30C0002A	0	00000000	55555554	01555555	E38E3550	00238E38
P10	8E38E155	004F38E3	00C000CA	0	00000000	55555554	01555555	E38E3AAA	00238E38
P10	8E38E3AA	004F38E3	E0C000C2	0	00000000	55555554	01555555	E38E38AA	00238F38
P10	8E38E395	004F38E3	30C00000	0	00000000	55555554	01555555	E38E3800	00238E38

00004

SIGMA LOGIC SIMULATION, FML, CASE 0002									
TIME	A REGISTER	A'REGISTER	B REGISTER	PC31	R'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	8E38E385	004F38F3	00C00000	0	00000000	55555554	01555555	E38E38E0	00238F38
P10	8E38E38F	004F38E3	E0C00000	0	00000000	00000000	00000000	E38E38E0	00238F38
P11	71C71C70	0071C71C	E0000000	0	00000000	00000000	00000000	00000000	00000000
P12	71C71C70	0071C71C	E0000000	0	00000000	00000000	00000000	FFFFFFFF	00FFFFFF
P13	4071C71C	00000000	E0000000	0	00000000	00000000	00000000	00000000	00000000
P15	4071C71C	00000000	E0000000	0	00000000	00000000	00000000	00000000	00000000

00005

SIGMA LOGIC SIMULATION, FML, CASE 0003									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	FFFFFFF	0000000	0000000	0	0000000	0000000	0000000	0000000	0000000
P01	80FFFDAB	0000000	FFFFFFF	0	0000000	0000000	0000000	FF00000	0000000
P02	7F000000	01FFFDAB	FFFFFFF	0	0000000	00137B2A	00137B2A	8000000	0000000
P03	FFFFFFF	01FFFDAB	FFFFFFF	0	01FFFDAB	0000000	0000000	FFFFFFF	FFFFFFF
P04	00000010	00002540	FFFFFFF	0	01FFFDAB	0000000	0000000	0000000	FF00000
P05	00000100	00002540	FFFFFFF	0	01FFFDAB	0000000	0000000	0000000	FF00000
P05	00001000	00254000	FFFFFFF	0	01FFFDAB	0000000	0000000	0000000	FC00000
P05	00000000	00000000	3FFFFFFF	1	01FFFDAB	059CEF26	00137B2A	FFFFFFF	FCFFFFFF
P09	00000000	00000000	0FFFFFFF	1	01FFFDAB	059CEF26	00137B2A	0000000	FC000000
P10	81673BC9	0004DFCA	8FFFFFFF	1	00FFFF6A	00000000	00000000	0000000	FC000000
P10	AC59CEF2	000137B2	6FFFFFFF	1	00FFFFDA	00000000	00000000	0000000	FC000000
P10	A81673BC	00004DEC	9FFFFFFF	1	00FFFFF6	00000000	00000000	0000000	FC000000
P10	2A059CEF	0000137B	2AFFFFFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	CAR1673B	000004DF	C6AFFFFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	B2A059CE	00000137	FDABFFFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	ECA81673	0000004D	BFAAFFFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	782A059C	00000013	FDABFFFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	DECA8167	00000004	3FF6AFFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	3782AC59	00000001	CFDABFFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	4DFCAR16	00000000	7FFF6AFF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	13782AC5	00000000	9FFFDABF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	04DFCAR1	00000000	6FFFF6AF	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	013782AC	00000000	5FFFDAB	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	004DFCAR	00000000	1FFFF6AA	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	0013782A	00000000	0FFFFDA	1	00FFFFFD	00000000	00000000	0000000	FC000000
P10	0004DFCA	00000000	8FFFF6A	1	00FFFFFD	059CEF26	00137B2A	0000000	FC000000
P10	8166CF7B	0004DFCA	2FFFFFFF	1	00FFFFFD	059CEF26	00137B2A	00002670	FC000000

00006

SIGMA LOGIC SIMULATION, FML, CASE 0003									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	213F2117	0005E078	0FFFFFFF	0	00FFFFFF	059CEF26	00137B2A	00A33790	FC002005
P10	C9287E68	0005A005	2FFFFFFF	1	00FFFFFF	F4C621B3	01F909AB	00CF138	FC00B494
P10	8F405314	01F709BA	2FFFFFFF	0	00FFFFFF	059CEF26	00137B2A	E06719D	FC00D6CA
P10	9AAFE979	01F92006	FFFFFFF	0	00FFFFFF	00000000	00000000	42A2208	FC09A855
P11	0D511703	000205AB	FFFFFFF	1	00FFFFFF	00000000	00000000	0000000	FC000000
P12	0D511703	000205AB	FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	FCFFFFFF
P13	0511703F	000205AB	FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	FCFFFFFF
P13	3B02A542	00000000	FFFFFFFF	1	00FFFFFF	00000000	00000000	FF00000	FC000000
P15	0402A542	00000000	FFFFFFF	1	00FFFFFF	00000000	00000000	0000000	FC000000

00009

SIGMA LOGIC SIMULATION, FML, CASE 0005									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	148F26A0	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	250007BE	00000000	148F26A0	0	00000000	00000000	00000000	FF000000	00000000
P02	25000000	000007BE	148F26A0	0	00000000	26264A8E	00264A8E	80000000	00000000
P03	148F26A0	000007BE	148F26A0	0	000007BE	00000000	00000000	00000000	C9000000
P04	48F26A00	00007BE1	148F26A0	0	000007BE	00000000	00000000	00000000	CA000000
P05	8F26A000	0007BE14	148F26A0	0	000007BE	00000000	00000000	00000000	C9000000
P05	F26A0000	007BE148	148F26A0	0	000007BE	00000000	00000000	00000000	C8000000
P05	00000000	00000000	0523C9A8	0	000007BE	C1F428AC	00264A8E	00000000	C8000000
P09	00000000	00000000	0148F26A	0	000007BE	00000000	00000000	00000000	C8000000
P10	00000000	00000000	08523C9A	0	000001EF	00000000	00000000	00000000	C8000000
P10	00000000	00000000	0E148F26	0	0000007B	83E850D8	004C9510	00000000	C8000000
P10	60FA1436	0C132547	0F8523C9	0	0000001E	83E850D8	004C9510	00000000	C8000000
P10	B8C4913B	0C17E016	8BE148F2	0	00000007	83E850D8	004C9510	80740800	C8000282
P10	6ED6327A	0C140FE2	EEF8523C	0	00000001	C1F428AC	00264A8E	40720800	C8024208
P10	F8740486	000CB599	B7BE148F	0	00000000	83E850D8	004C9510	207B1430	C8032545
P10	5611D01A	0010C170	21FF8523	1	00000000	00000000	00000000	D1FC0A40	C8065A8F
P10	A1FB7694	0005A6FF	4C7BE148	1	00000000	3E0BD793	C1F9B571	2R780000	C8002000
P10	A0FE2840	C1F70CE3	9C1EF852	0	00000000	00000000	00000000	9405A840	C8000238
P10	CE7EE0C2	01F0F7H6	90C7BE14	0	00000000	C1F428AC	00264A8E	42021420	C8000010
P10	13623723	C1F6FF4A	B0C1EF85	0	00000000	83E850D8	004C9510	613B1430	C8122148
P10	3C6C55F2	C1E116C7	80C07BE1	0	00000000	00000000	00000000	81B50410	C80652A5
P10	AF765E7A	01F05118	B0C01EF8	0	00000000	C1F428AC	00264A8E	8C120400	C8150942
P10	3BA41E47	01F0C4F5	A0C007HE	0	00000000	C1F428AC	00264A8E	40B80230	C8142485
P10	4EBAC007	01F2EAAF	E0C001FF	0	00000000	00000000	00000000	A0DA0530	C8192242
P10	A3983200	01FA823B	70C0007H	1	00000000	83E850D8	004C9510	504D0281	C8089101
P10	E40F5615	01EFA189	10C0001E	1	00000000	3E0BD793	C1F9B571	A1F40940	C824488C
P10	1EF82180	01C49710	A70C0007	1	00000000	00000000	00000000	D207AC80	C8F6D0C4

00010

SIGMA LOGIC SIMULATION, FML, CASE 0005									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P10	733FE84E	01FC9116	90C00001	1	00000000	3E0BD793	C1F9B571	00001040	C8024872
P10	51000927	01200021	70C00000	0	00000000	00000000	00000000	1085E9A0	C8FC4888
P10	13223421	01F064F6	A0C00000	0	00000000	83E850D8	004C9510	88828480	C8142410
P10	C612301A	01E0757A	40C00000	0	00000000	00000000	00000000	41C10440	C826123A
P11	C7E34362	00128785	80C00000	0	00000000	00000000	00000000	00000000	C8000000
P12	C7E34362	00128785	80C00000	0	00000000	00000000	00000000	FFFFFFF0	C8FFFFFFF
P13	C8128785	00000000	80C00000	0	00000000	00000000	00000000	00000000	C8000000
P15	C8128785	00000000	80C00000	0	00000000	00000000	00000000	00000000	C8000000

00011

SIGMA LOGIC SIMULATION, FML, CASE 0006									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	00000000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	7F000000	00000000	00000000	0	00000000	00000000	00000000	FF000000	00000000
P02	7F000000	00000000	00000000	0	00000000	7FFFFFFF	0FFFFFFF	80000000	00000000
P03	00000000	00000000	00000000	0	00000000	00000000	00000000	00000000	7E000000
P04	00000000	00000000	00000000	0	00000000	00000000	00000000	00000000	70000000
P13	3D000000	00000000	00000000	0	00000000	00000000	00000000	00000000	70000000
P15	00000000	00000000	00000000	0	00000000	00000000	00000000	00000000	70000000

00012

SIGMA LOGIC SIMULATION, FML, CASE 0007									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	8C16DE45	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	35027BF3	00000000	8C16DE45	0	00000000	00000000	00000000	FF000000	00000000
P02	35000000	00027BF3	8C16DE45	0	00000000	4036AF25	0036AE25	80000000	00000000
P03	8C16DE45	00027BF3	8C16DE45	0	00027BF3	00000000	00000000	00000000	F5000000
P04	C16DE450	00027BF3	8C16DE45	0	00027BF3	00000000	00000000	00000000	F4000000
P05	00000000	00000000	2305B701	0	00027BF3	62EB840A	01C951DA	FFFFFFF0	F4FFFFFF
P09	00000000	00000000	08C16DE4	0	00027BF3	9D147BF5	0036AE25	00000000	F4000000
P10	67451EFD	0000A989	4E305B79	0	00009EFC	9D147BF5	0036AE25	00000000	F4000000
P10	3E94594P	000EC16B	238C16AE	0	000027BF	00000000	00000000	82820070	F4025500
P10	EF05950E	0003251A	3C4305B7	0	000009EF	9D147BF5	0036AE25	014004A0	F4012080
P10	DCD47A9A	0002AEFF	8F38C160	1	0000027B	3A28F7EB	006D5C4B	46820AD0	F4019200
P10	281FA1FB	00187929	DFCE305B	0	0000009E	62EB840A	01C951DA	AF403060	F4068025
P10	B36D0622	01F5E975	16F38C16	1	00000027	3A28F7EB	006D5C4B	9E25D0B0	F4042094
P10	8598C0DF	01E7266A	3FFCF30F	1	00000009	62EB840A	01C951DA	0C96E350	F432867A
P10	8EF959E1	01073066	37BF38C1	0	00000002	62EB840A	01C951DA	624D4420	F4F19B35
P10	6397E671	010FFFA2	A9FFCE30	0	00000000	3A28F7EB	006D5C4B	3174A210	F4E088BB
P10	9A32ECE3	01F08A94	8275F38C	0	00000000	9D147BF5	0036AE25	999A7330	F436EE55
P10	27AF320B	01F830F9	AC9EFC30	0	00000000	00000000	00000000	0C8930F0	F41B5704
P10	FAC9813C	01F8096C	EC27BF38	1	00000000	00000000	00000000	02449C80	F40C0904
P10	3E23476E	01FD341A	0009FFC1	0	00000000	62EB840A	01C951DA	012D4300	F4040482
P10	977A20D9	010C1850	90C27BF3	0	00000000	9D147BF5	0036AE25	1111A200	F4E68A40
P10	060FF64A	01F70F0E	60009FFC	1	00000000	3A28F7EB	006D5C4B	CAR81160	F4134522
P10	FD9FC63P	01E24599	000027BF	0	00000000	62EB840A	01C951DA	054472B0	F43BA685
P10	A680CE63	01C42CE1	500009FF	1	00000000	9D147BF5	0036AE25	B2F7E310	F4F5A2CC
P10	225FE5A3	01F1C816	E000027B	0	00000000	62EB840A	01C951DA	DR4235B0	F41A5752
P10	A6FD9504	0108B9A7	6000009E	1	00000000	00000000	00000000	3125D0D0	F4ECAR49
P10	A5F611F4	01F906C3	60000027	1	00000000	00000000	00000000	9012C800	F4045550
P10	CD79367D	01F5F5A4	90000009	1	00000000	62EB840A	01C951DA	40090200	F4000020
P10	BBE6FC9D	01088117	E0000002	0	00000000	00000000	00000000	20348204	F4F4A8D0

00013

SIGMA LOGIC SIMULATION, FPL, CASE 0007									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	E6F49BA6	01FA4A71	70000000	0	00000000	3A28F7FB	006D5C4B	10124000	F4024008
P10	B3338B13	01E5558C	D0000000	0	00000000	3A28F7FB	006D5C4B	991869D1	F4352424
P10	C400C54A	01FF4B78	40000000	0	00000000	00000000	00000000	5D9C75F0	F432AA06
P10	A6672C28	01F7785F	D0000000	0	00000000	00000000	00000000	220022A4	F4110500
P11	C8674ECD	00087D5F	10000000	0	00000000	00000000	00000000	00000000	F4000000
P12	C8674ECD	00087D5F	10000000	0	00000000	00000000	00000000	FFFFFFFF	F4FFFFFF
P13	8674ECD1	0087D5FC	20000000	0	00000000	00000000	00000000	FFFFFFFF	F3FFFFFF
P13	33782A03	00000000	20000000	0	00000000	00000000	00000000	FF000000	F3000000
P15	CC782A03	00000000	20000000	0	00000000	00000000	00000000	00000000	F3000000

00014

SIGMA LOGIC SIMULATION, FPL, CASE 0008									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	FFFFFFFF	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	FFFFFFFF	00000000	FFFFFFFF	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	01FFFFFF	FFFFFFFF	0	00000000	40000000	00000000	80000000	00000000
P03	FFFFFFFF	01FFFFFF	FFFFFFFF	0	01FFFFFF	00000000	00000000	FFFFFFFF	01FFFFFF
P04	00000010	00000000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	00000100	00000000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	00001000	00000000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	00010000	00000000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	00100000	00000000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	01000000	00000000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	10000000	00000000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	00000000	00000001	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	FF000000
P05	00000000	00000010	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	F7000000
P05	00000000	00000100	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	F6000000
P05	00000000	00001000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	F5000000
P05	00000000	00010000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	F4000000
P05	00000000	00100000	FFFFFFFF	0	01FFFFFF	00000000	00000000	00000000	F3000000
P05	00000000	00000000	FFFFFFFF	0	01FFFFFF	FFFFFFFF	01FFFFFF	00000000	F3000000

00015

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0008								
	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P06	FFFFFFF0	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	F2000000
P07	FFFFFFC0	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	F1000000
P07	FFFFFF00	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	F0000000
P07	FFFF0000	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	EF000000
P07	FFF00000	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	EF000000
P07	FF000000	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E0000000
P07	F0000000	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E0000000
P07	00000000	01FFFFFF	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E0000000
P07	00000000	01FFFFFF0	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E0000000
P07	00000000	01FFF000	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E9000000
P07	00000000	01FFF000	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E8000000
P07	00000000	01FF0000	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E7000000
P07	00000000	01F00000	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E6000000
P07	00000000	01000000	FFFFFFF0	0	01FFFFFF	FFFFFFF0	01FFFFFF	00000000	E5000000
P07	00000000	00000000	3FFFFFFF	1	01FFFFFF	00000000	01000000	00000000	E5000000
P09	00000000	00000000	0FFFFFFF	1	01FFFFFF	FFFFFFF0	0FFFFFFF	00000000	F5000000
P10	FFFFFFF0	003FFFFF	0FFFFFFF	0	00FFFFFF	00000000	00000000	00000000	E5000000
P10	FFFFFFF0	000FFFFF	0FFFFFFF	0	00FFFFFF	00000000	00000000	00000000	F5000000
P11	00000000	00100000	0FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	F5000000

00016

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0008								
	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P12	00000000	00100000	0FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF0	E5FFFFFF
P13	25100000	00000000	0FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	F5000000
P15	25100000	00000000	0FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	E5000000

00017

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0009								
	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	00000001	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40000000	00000000	00000001	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00000000	00000001	0	00000000	40000000	00000000	80000000	00000000
P03	00000001	00000000	00000001	0	00000000	00000000	00000000	00000000	00000000
P04	00000010	00000000	00000001	0	00000000	00000000	00000000	00000000	FF000000
P05	00000100	00000000	00000001	0	00000000	00000000	00000000	00000000	FE000000
P05	00001000	00000000	00000001	0	00000000	00000000	00000000	00000000	F0000000
P05	00010000	00000000	00000001	0	00000000	00000000	00000000	00000000	FC000000
P05	00100000	00000000	00000001	0	00000000	00000000	00000000	00000000	FB000000
P05	01000000	00000000	00000001	0	00000000	00000000	00000000	00000000	FA000000
P05	10000000	00000000	00000001	0	00000000	00000000	00000000	00000000	F9000000
P05	00000000	00000001	00000001	0	00000000	00000000	00000000	00000000	F8000000
P05	00000000	00000010	00000001	0	00000000	00000000	00000000	00000000	F7000000
P05	00000000	00000100	00000001	0	00000000	00000000	00000000	00000000	F6000000
P05	00000000	00001000	00000001	0	00000000	00000000	00000000	00000000	F5000000
P05	00000000	00010000	00000001	0	00000000	00000000	00000000	00000000	F4000000
P05	00000000	00100000	00000001	0	00000000	00000000	00000000	00000000	F3000000
P05	00000000	00000000	00000001	0	00000000	00000001	00000000	00000000	F3000000

00018

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0009								
	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P06	00000010	00000000	00000001	0	00000000	00000001	00000000	00000000	F2000000
P07	00001000	00000000	00000001	0	00000000	00000001	00000000	00000000	F1000000
P07	00001000	00000000	00000001	0	00000000	00000001	00000000	00000000	F0000000
P07	00010000	00000000	00000001	0	00000000	00000001	00000000	00000000	EF000000
P07	00100000	00000000	00000001	0	00000000	00000001	00000000	00000000	EE000000
P07	01000000	00000000	00000001	0	00000000	00000001	00000000	00000000	E0000000
P07	10000000	00000000	00000001	0	00000000	00000001	00000000	00000000	E0000000
P07	00000000	00000001	00000001	0	00000000	00000001	00000000	00000000	E0000000
P07	00000000	00000010	00000001	0	00000000	00000001	00000000	00000000	F0000000
P07	00000000	00000100	00000001	0	00000000	00000001	00000000	00000000	E0000000
P07	00000000	00001000	00000001	0	00000000	00000001	00000000	00000000	E0000000
P07	00000000	00010000	00000001	0	00000000	00000001	00000000	00000000	E0000000
P07	00000000	00100000	00000001	0	00000000	00000001	00000000	00000000	E0000000
P07	00000000	00000000	00000000	0	00000000	00000000	00000000	00000000	E0000000
P09	00000000	00000000	00000000	0	00000000	00000000	00000000	00000000	E0000000
P10	00000000	00040000	00000000	0	00000000	00000000	00000000	00000000	E0000000
P10	00000000	00010000	00000000	0	00000000	00000000	00000000	00000000	F0000000
P11	00000000	00010000	00000000	0	00000000	00000000	00000000	00000000	F0000000
P12	00000000	00010000	00000000	0	00000000	00000000	00000000	FFFFFFFF	E4FFFFFF

00019

TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P13	00000000	00100000	00000000	0	00000000	00000000	00000000	FFFFFFF	E5FFFFFF
P13	25100000	00000000	00000000	0	00000000	00000000	00000000	00000000	E5000000
P15	25100000	00000000	00000000	0	00000000	00000000	00000000	00000000	E5000000

00020

TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	80AA9FD4	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	FC7CF1CC	00000000	80AA9FD4	0	00000000	00000000	00000000	FF000000	00000000
P02	03000000	017CF1CC	80AA9FD4	0	00000000	7756BA80	0056BA80	80000000	00000000
P03	00000000	00000000	202AA7F5	0	017CF1CC	59C61C18	0056BA80	FFFFFFF	FAFFFFFF
P09	00000000	00000000	080AA9FD	0	017CF1CC	00000000	00000000	00000000	FA000000
P10	00000000	00000000	0202AA7F	0	00DF3C73	A639E3E7	01A9457F	00000000	FA000000
P10	E98E78F9	01EA515F	CC80AA9F	1	00F7CF1C	A639E3E7	01A9457F	00000000	FA000000
P10	13DE6C07	0110C508	83202AA7	1	00F0F3C7	59C61C18	0056BA80	00043070	FAD420AF
P10	E68FF2AB	01F497C9	ECC80AA9	1	00FF7CF1	00000000	00000000	28E21A20	FA2A5044
P10	739A7A20	01F381E3	073202AA	0	00FFDF3C	00000000	00000000	10410914	FA100820
P10	D8F60CC0	01F8FF70	01CC80AA	0	00FF7CF1	4C73C7CF	01528AFF	08000400	FA080010
P10	E72147C0	01289927	9C73202A	0	00FFDF3C	4C73C7CF	01528AFF	24396260	FAAC4538
P10	23DAF89A	013595B8	5F1CC80A	0	00FFFF7C	4C73C7CF	01528AFF	8P18A3E0	FA94449F
P10	376C6720	013CD6F6	83C73202	0	00FFFFDF	4C73C7CF	01528AFF	912D71F0	FA8A425F
P10	8A8CB441	0139C795	DCF1CC80	0	00FFFFF7	4C73C7CF	01528AFF	8AR6B3F0	FA8D617F
P10	5F127C1E	0139B005	3F3C732C	0	00FFFFFD	4C73C7CF	01528AFF	C55B58E0	FA8C81FF
P10	758E8B0C	0139L001	87CF1CC8	0	00FFFFFF	00000000	00000000	A6A9A9E0	FA8C45FF
P10	B4C9C43A	01E06A7F	EDF3C732	0	00FFFFFF	00000000	00000000	92445480	FA042200
P10	C9A3640E	01FA521F	0F7CF1CC	0	00FFFFFF	00000000	00000000	4R202240	FA021100
P10	EC60D193	01FF10C7	DFDF3C73	0	00FFFFFF	4C73C7CF	01528AFF	24101000	FA010800
P10	2200C197	0128648F	3FF7CF1C	1	00FFFFFF	00000000	00000000	B23R6RC0	FAA90463
P10	640E2A55	01E09R3B	8FFDF3C7	0	00FFFFFF	59C61C18	0056BA80	11002040	FA148201
P10	8B320583	01F8A82E	4FFF7CF1	1	00FFFFFF	A639E3E7	01A9457F	A8831420	FA2A4000
P10	61623C93	011AE814	2FFDF3C7	0	00FFFFFF	59C61C18	0056BA80	55198200	FA042697
P10	DB6F6896	01F61000	8FFFF7CF	0	00FFFFFF	4C73C7CF	01528AFF	28A10F40	FA2B554A
P10	6FF68444	0127FAD	4FFFFDF3	1	00FFFFFF	00000000	00000000	2431A760	FAB10FA5
P10	12F7B3C8	01E5BF82	FFFFFF7C	1	00FFFFFF	59C61C18	0056BA80	921C9220	FA108052
P10	36484FFC	01F8E154	8FFFFDF3	0	00FFFFFF	00000000	00000000	096R4800	FA2A5041
P10	4FC8C1FE	01F0AF05	2FFFFFF7	1	00FFFFFF	A639E3E7	01A9457F	00242400	FA1420A0
P10	BA754186	011372E6	FFFFFFFD	1	00FFFFFF	59C61C18	0056BA80	831472F0	FA081292
P10	1829C858	01F776A9	4FFFFFFF	0	00FFFFFF	00000000	00000000	4DAA2840	FA291949

00021

SIGMA LOGIC SIMULATION, FML, CASE 0010									
TIME	A REGISTER	A'REGISTER	B REGISTER	RC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	1560F8C4	01F39BF8	FFFFFFFF	0	00FFFFFF	4C73C7CF	01528AFF	84140424	FA108804
P10	F741CFCB	012C6640	FFFFFFFF	0	00FFFFFF	00000000	00000000	02386262	FAA9457E
P11	F97A312E	01D5ABBE	4FFFFFFF	1	00FFFFFF	59C61C18	0056BA80	00000000	FA000000
P12	534C4D46	002C663F	4FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFFF	FAFFFFFF
P13	3AD399C0	00000000	4FFFFFFF	1	00FFFFFF	00000000	00000000	FF000000	FA000000
P15	C5D399C0	00000000	4FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	FA000000

00022

SIGMA LOGIC SIMULATION, FML, CASE 0011									
TIME	A REGISTER	A'REGISTER	B REGISTER	RC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	7F56BA80	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	F1C3C731	00000000	7F56BA80	0	00000000	00000000	00000000	FF000000	00000000
P02	0E000000	01C3C731	7F56BA80	0	00000000	3FC1F013	001FC03	80000000	00000000
P03	00000000	00000000	7F56BA80	0	01C3C731	70000000	001FC03	00000000	00000000
P06	00000000	001FC037	7F56BA80	0	01C3C731	70000000	001FC03	00000000	00000000
P07	00000000	00000000	1FD5AEAC	0	01C3C731	00000000	001FC037	FFFFFFFF	00FFFFFF
P09	00000000	00000000	07F56BA8	0	01C3C731	00000000	00000000	00000000	00000000
P10	00000000	00000000	05FD5AEAC	0	02F0F1CC	00000000	00000000	00000000	00000000
P10	00000000	00000000	017F56BA	0	02FC3E73	00000000	00000000	00000000	00000000
P10	00000000	00000000	0C5E15AE	0	02FF0F1C	FFFFFFFF	01C07F91	00000000	00000000
P10	7FFFFFFF	01F01FE4	0317F5AE	0	02FF0C07	FFFFFFFF	01C07F91	00000000	00000000
P10	60000000	010C181D	0005F05A	1	02FF0C01	FFFFFFFF	01C07F91	3FFFFFFF	00E00F00
P10	28000000	010R1A13	07317F5A	1	02FF0C03	00000000	001FC037	8FFFFFFF	00E00F00
P10	25FFFFFF	01FR3578	01C05F05	1	02FF0C0F	00000000	001FC037	94000000	00C68509
P10	6C7FFFFFF	01FR0C11	CC7317F5	0	02FF0C03	00000000	001FC037	80000000	00CEC290
P10	F89FFFFFF	01FA37AE	CF1CC050	0	02FF0C0F	FFFFFFFF	01C07F91	80000000	00CFE00A
P10	61180000	010D6ACD	03C7317F	0	02FF0C0C	FFFFFFFF	01E03FC8	70CFFFFFF	00E538C5
P10	38CA0000	010P1800	03F1CC05	1	02FF0C0F	FFFFFFFF	01F03FC8	8EFFFFFF	00F290FA
P10	9E768000	01042F40	0C3C7317	1	02FF0C0F	00000000	001FC037	5F77FFFF	00F10FF0
P10	3F405FFF	01FAE86F	0C0F1CC0	1	02FF0C0F	00000000	00000000	8F384000	00CA8731
P10	AF0EC7FF	01FC0507	CF03C731	0	02FF0C0F	00000000	00000000	80000000	00E54010
P10	C8F7E9FF	01FE53F1	CF03F1CC	0	02FF0C0F	FFFFFFFF	01C07F91	40000000	00E20008
P10	10021180	010F0B1A	0FF0C3C7	0	02FF0C0F	FFFFFFFF	01E03FC8	E5F800FF	00E12908
P10	81C18CA0	01038746	0FF0C3C7	1	02FF0C0F	00000000	00000000	7EFDFFFF	00F095FA
P10	8FCF1897	01FC04A8	CF03C3C7	0	02FF0C0F	00000000	001FC037	0060CA5	00C042A2
P10	6FE8F731	01FR018F	CF03C3C7	1	02FF0C0F	FFFFFFFF	01E03FC8	00000000	00E6051
P10	A400C211	0105A785	8FFFF03C	0	02FF0C0F	00000000	001FC037	87F5F800	00F438E4
P10	84FE3E73	01FR9A05	4FFFFFFF	0	02FF0C0F	FFFFFFFF	01C07F91	00288100	00AD052
P10	AA4C0021	010C4F45	2FFFFFFF	1	02FF0C0F	00000000	00000000	EE7F5FB	00E56868

00023

SIGMA LOGIC SIMULATION, FML, CASE 0011									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	504FE3E7	01FA494B	3FFFFFF0	1	00FFFFFF	00000000	001FC037	55202810	CC022520
P10	015BF2FD	01F9E917	FFFFFFFC	0	00FFFFFF	00000000	00000000	A8001000	CC0D2091
P10	AA56F89F	01FD32E1	7FFFFFFF	0	00FFFFFF	FFFFFFF	01E03FC8	80000800	CC049008
P10	756A43D0	01066748	1FFFFFFF	1	00FFFFFF	00000000	00000000	552B7C5F	CCF21964
P10	08104FE3	01FD1F8B	FFFFFFF	0	00FFFFFF	00000000	001FC037	2A952028	CC0100A0
P10	08A15BF2	01F8F7C7	FFFFFFF	0	00FFFFFF	00000000	00000000	84080010	CC0E8051
P11	8CA95C02	00077818	FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	CC000000
P12	8CA95C02	00077818	FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	CCFFFFFF
P13	CA95C02F	00778188	FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	CBFFFFFF
P13	0B887E77	00000000	FFFFFFF	1	00FFFFFF	00000000	00000000	FF000000	CB000000
P15	F4887E77	00000000	FFFFFFE	1	00FFFFFF	00000000	00000000	00000000	CB000000

00024

SIGMA LOGIC SIMULATION, FML, CASE 0012									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	3DF91CF8	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	0B53C700	00000000	3DF91CF8	0	00000000	00000000	00000000	FF000000	00000000
P02	32000000	01653070	3DF91CF8	0	00000000	3103C1F0	00C3C1F0	80000000	00000000
P03	00000000	00000000	0F7E473E	0	01653070	DF4F3C70	00C3C1F0	FFFFFFF	FFFFFFFF
P09	00000000	00000000	03DF91CF	0	01653070	00000000	00000000	00000000	E3000000
P10	00000000	00000000	00F7E473	1	00F04F1C	4161871F	00787C1E	00000000	E3000000
P10	905861C7	019E1FC7	C03DF91C	1	00FB53C7	DF4F3C70	00C3C1F0	00000000	E3000000
P10	D3C5D760	0107778D	CCCF7E47	0	00FED4F1	00000000	00000000	4824102	E3410080
P10	66F87103	01E590CF	47C3DF91	1	00FB53C7	20B0C38F	013C3E0F	2002001	E3208040
P10	1992AE93	013E48E0	21CCF7E4	0	00FED04F	DF4F3C70	00C3C1F0	905820C0	E3924E77
P10	D5A16C8A	010BF1CD	BC7030F9	0	00FFFB53	4161871F	00787C1E	4C001668	E3492470
P10	F6187F7F	017AA468	4F1C0F7E	0	00FFFB53	00000000	00000000	22D08300	E32CBA7E
P10	B532FF1E	01058411	83C703CF	0	00FFFB53	20B0C38F	013C3E0F	11080180	E3145514
P10	A1228F44	013F78C2	C4F1CCF7	1	00FFFB53	4161871F	00787C1E	989861C7	E38A04CA
P10	9E36DA67	01734375	153C703C	1	00FFFB53	DF4F3C70	00C3C1F0	409043A0	E31D3005
P10	00746960	01EB6FE0	004F1CCF	0	00FFFFFF	00000000	00000000	EF0B2030	E329A0BA
P10	BB0C5117	01F0B8D6	3B53C703	1	00FFFFFF	4161871F	00787C1E	00051490	E3149050
P10	3EAE30A6	016717FA	2E04F1CC	1	00FFFFFF	DF4F3C70	00C3C1F0	00A28A80	E3385A2B
P10	785CE197	01E7238F	7FB53C70	0	00FFFFFF	00000000	00000000	0F571C50	E331A8F1
P10	9DC1FF71	01F5A2DF	9FFD4F1C	0	00FFFFFF	20B0C38F	013C3E0F	84280000	E3109040
P10	0E564F3D	01364324	8FFB53C7	0	00FFFFFF	00000000	00000000	C2506180	E39A5977
P10	F3018BAE	01E9C680	6FFED4F1	1	00FFFFFF	00000000	00000000	01282080	E3C92092
P10	BC8A6ACB	01F88984	2FFFB53C	0	00FFFFFF	DF4F3C70	00C3C1F0	00800000	E3048040
P10	180155BE	01CFF2CD	8FFED04F	0	00FFFFFF	4161871F	00787C1E	4F451420	E36040E0
P10	C5F071A0	0175F38C	4FFFB53C	1	00FFFFFF	00000000	00000000	24208A90	E3343806
P10	B8777ECF	01D072EE	FFFFFFE4	1	00FFFFFF	DF4F3C70	00C3C1F0	02100000	E31A1802
P10	194A10BF	01C26AC7	FFFFFFB5	0	00FFFFFF	00000000	00000000	402B9F20	E3692471
P10	951863A7	01EAD0AD	FFFFFFE0	0	00FFFFFF	20B0C38F	013C3E0F	84050010	E3201420
P10	8C486A0E	0130BFA0	3FFFFFFB	0	00FFFFFF	20B0C38F	013C3E0F	C24821C0	E3940A16
P10	5BACE210	012562AE	BFFFFFFE	1	00FFFFFF	20B0C38F	013C3E0F	4C2431C0	E39E1FC3
P10	8ECE0416	0121D0E8	1FFFFFFF	1	00FFFFFF	DF4F3C70	00C3C1F0	AC5271C0	E39E1F07

00025

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0012								
	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	FC74D269	01DF0387	4FFFFFFF	0	00FFFFFF	DF4F3C70	00C3C1F0	47271A20	E341E8F0
P10	D9073D0C	01D74AA1	2FFFFFFF	0	00FFFFFF	00000000	00000000	6FB38D34	E361E0F8
P11	48BACA40	00392B9A	4FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	E3000000
P12	48BACA40	00392B9A	4FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	E3FFFFFF
P13	23C6D465	00000000	4FFFFFFF	1	00FFFFFF	00000000	00000000	FF000000	E3000000
P15	DCC6D465	00000000	4FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	F3000000

00026

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0013								
	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	5ED8CE1D	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	6DBAD86D	00000000	5ED8CE1D	0	00000000	00000000	00000000	FF000000	00000000
P02	6D000000	00E6D86D	5ED8CE1D	0	00000000	11C61C18	00C61C18	80000000	00000000
P03	00000000	00000000	16E6C387	0	00B6DB6D	021871E7	00C61C18	00000000	FF000000
P09	00000000	00000000	05ED8CE1	1	00B6DB6D	021871E7	00C61C18	00000000	FF000000
P10	00861C7D	00218706	05E6C387	0	00B6DB6D	FDE78F18	0139E3E7	00000000	FF000000
P10	7F58A498	01C21938	70FBD81E	0	00B6DB6D	0430E3CE	018C3830	00430A00	FF18C183
P10	DECAE156	0195B822	A856F603	0	00B6DB6D	00000000	00000000	022E3340	FFC40C00
P10	873884C4	01E4602E	26D5B780	1	00B6DB6D	0430E3CE	018C3830	01F41200	FE420400
P10	ACR311CA	01869447	40E56F60	0	0002086	FDE78F18	0139E3E7	02985640	FFE21610
P10	14FF31FC	0117586C	586DB8D8	0	0000086	021871E7	00C61C18	06418C20	FED14F23
P10	F029B3DB	01C00205	A6C556F6	0	0000020	00000000	00000000	082C94E0	FF68AC14
P10	7EC14AFF	01EAE0F0	40E6D55E	0	0000086	00000000	00000000	00144400	FF200000
P10	9FF540BF	01E28AFE	E86D456F	0	0000020	0430E3CE	018C3830	00002400	FF100000
P10	A6E1610C	019BA0F3	76CB6D5E	1	000000B	021871E7	00C61C18	02183400	FFC81C18
P10	E9F8481F	01E5A82C	10E6D856	1	0000002	FDE78F18	0139E3E7	010C3FE0	FF650E0C
P10	05F4FF49	012E6171	26E0E6D5	1	0000000	00000000	00000000	74D60400	FFB2B516
P10	0C6C8EFD	01E73519	32CB6D5E	0	0000000	FDE78F18	0139E3E7	222A0204	FF111088
P10	8CFA40C0	0133F19D	60E6D86D	0	0000000	0430E3CE	018C3830	F6314700	FF989804
P10	5F9ABA1D	0189D45A	202D46D8	0	0000000	021871E7	00C61C18	4218A3C0	FFCC5C0A
P10	07FE9ACF	01E0E502	40CB6D56	1	0000000	021871E7	00C61C18	210C59F0	FF662F20
P10	093EAC2A	01003FC0	F0E2086D	1	0000000	FDE78F18	0139E3E7	018620F0	FF731604
P10	8D57C39A	0126B0C9	50C0E6D5	0	0000000	FDE78F18	0139E3E7	E4035640	FF8888F2
P10	A518C6F2	0129F203	F0002046	1	0000000	0430E3CE	018C3830	F6E8E300	FF9C59F1
P10	95FCF18C	018E64FC	0000086D	1	0000000	FDE78F18	0139E3E7	021C71F0	FFC63C18
P10	EE82C39C	0110AFC3	20C00208	0	0000000	FDE78F18	0139E3E7	6AFA7800	FFC73278
P10	1E67C050	0138AFC7	80C000B6	1	0000000	0430E3CE	018C3830	F7716540	FF8EB171
P10	BB4992F4	01FF89A5	00C00207	1	0000000	FDE78F18	0139E3E7	8B38E8A0	FFC65C88
P10	B365B592	011040FE	00C0000B	0	0000000	FDE78F18	0139E3E7	00BAC050	FFC764D2
P10	E4C0FF34	013880A2	00000002	1	0000000	0430E3CE	018C3830	7EF2C580	FF8EB2F8
P10	6783F65D	018E8F1A	E0000000	1	0000000	FDE78F18	0139E3E7	327A73C0	FFC65959

00027

SIGMA LOGIC SIMULATION, FML CASE 0013									
TIME	A REGISTER	A1 REGISTER	B REGISTER	BC31	B1 REGISTER	D REGISTER	D1 REGISTER	CS REGISTER	CS1 REGISTER
P10	2A0706E0	011C4D29	F0000000	0	00000000	FDE78E18	0139E3E7	BBF1F32F	FEC765A0
P10	DB045EF5	013AB2D8	80C00000	0	00000000	00000000	00000000	DDF3C314	FE8EB2D6
P11	B8F8220A	01C765AF	00C00000	0	00000000	021871E7	00C61C18	00000000	FE000000
P12	BB1093F1	008D81C7	00000000	0	00000000	00000000	00000000	FFFFFFF	FFFFFFF
P13	3ERD81C7	00000000	00000000	0	00000000	00000000	00000000	00000000	FE000000
P15	3ERD81C7	00000000	00000000	0	00000000	00000000	00000000	00000000	FE000000

00028

SIGMA LOGIC SIMULATION, FML CASE 0014									
TIME	A REGISTER	A1 REGISTER	B REGISTER	BC31	B1 REGISTER	D REGISTER	D1 REGISTER	CS REGISTER	CS1 REGISTER
PPR	7CF5C8E1	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	C05B3C70	00000000	7CF5C8E1	0	00000000	00000000	00000000	FF000000	00000000
P02	32000000	015B3C70	7CF5C8E1	0	00000000	1F3B39C8	003B38C8	80000000	00000000
P03	00000000	00000000	1F3B7238	0	015B3C70	42468ACE	01C4C737	00000000	D0000000
P09	00000000	00000000	07CF5C8E	0	015B3C70	42468ACE	01C4C737	00000000	D0000000
P10	DC91A2B3	01F131C0	81F3D723	0	0076CF1C	00000000	00000000	00000000	00000000
P10	74P468AC	01FC4C73	E07CF5C8	1	00F5B3C7	848D159C	01R98E6E	00000000	D0000000
P10	7C2A5F4C	011D7087	3C1F3072	0	00F66CF1	B0B97531	003B38C8	02020202	D0C40631
P10	B0E44A8E	01F8979F	C7C7CF5C	0	00FF5B3C	42468ACE	01C4C737	9F152AA2	D0E98A40
P10	182DFAB8	01CC833A	81C1F3D7	0	00FFD6CF	848D159C	01R98E6E	C9220547	D0E6498B
P10	D5ACBA98	0118D037	FC707CF5	1	00FFF5B3	00000000	00000000	44968ACE	D0C64595
P10	A44D8C15	01F7A628	BF1C1F3D	0	00FFF3AC	BDB97531	003B38C8	AP4C4544	D000228A
P10	AEED2F18	01F32F1A	23C707CF	0	00FFFF5B	848D159C	01R98E6E	5224A08A	D0199144
P10	1E112603	0118CC0C	BCF1C1F3	1	00FFFFFFD6	42468ACE	01C4C737	435693CC	D0CCC7A7
P10	07CC4FC0	01043327	6B3C707C	1	00FFFFFFF5	BDB97531	003B38C8	A12B4167	D0E66393
P10	06D49EE5	01F65A1F	96CF1C1F	0	00FFFFFFFD	00000000	00000000	D2C4A2B	D01319C1
P10	B5000F15	01F95AF7	55R3C707	1	00FFFFFFF	42468ACE	01C4C737	816A4157	D0090C00
P10	1D8B312P	01C024F0	E06CF1C1	1	00FFFFFFF	BDB97531	003B38C8	C0A105A1	D0E4A71B
P10	D824DC6E	01F4AF08	7F5B3C70	0	00FFFFFFF	00000000	00000000	4FD49A91	D016916C
P10	25B012BF	01F88F99	FFD6CF1C	0	00FFFFFFF	848D159C	01R98E6E	24024807	D00A4284
P10	E14CD3C8	011ED05C	FFF5B3C7	0	00FFFFFFF	00000000	00000000	12460544	D0C44746
P10	BCC2R6F1	01F6A5C6	8FFD6CF1	1	00FFFFFFF	00000000	00000000	0C220202	D0022022
P10	2F382DB1	01FD2179	6FFF5B3C	0	00FFFFFFF	BDB97531	003B38C8	0001001	D0011C01
P10	24AC1624	01F1C26C	1FFD6CF1	0	00FFFFFFF	848D159C	01R98E6E	969C929	D01C9A24
P10	8D4C6448	01193509	3FFF5B3C	1	00FFFFFFF	00000000	00000000	42468ACE	D0CCC536
P10	F3FA9EC1	01F57C0F	8FFF5B3C	1	00FFFFFFF	BDB97531	003B38C8	00020020	D0040280
P10	D3907B25	01F29191	2FFFF5B3	0	00FFFFFFF	00000000	00000000	58DD089	D01A9C44
P10	62035CC9	01FAC375	7FFFF5B3	1	00FFFFFFF	42468ACE	01C4C737	2848044	D0094R00
P10	82377493	010DF310	NFFFF5B3	1	00FFFFFFF	BDB97531	003B38C8	B1210660	D0E4219A
P10	A3ABC1F1	01F4BF9C	8FFFF5B3	0	00FFFFFFF	BDB97531	003B38C8	589BA11	D01690CC
P10	11A283B6	01F645A5	1FFFF5B3	0	00FFFFFFF	848D159C	01R98E6E	5DCDF890	D01B5C64

00029

SIGMA LOGIC SIMULATION, FPL, CASE 0014

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
P10	F27CDBAC	011925EB	8FFFFFFF	0	00FFFFFF	42468ACE	01C4C737	0A4648CF	D0CDA632
P10	AE9F0668	01041138	3FFFFFFF	0	00FFFFFF	00000000	00000000	A1236567	D0E6D399
P11	4FC26BD2	01EAE4D5	3FFFFFFF	1	00FFFFFF	BDB97531	003B38C8	00000000	D0000000
P12	0D7BE104	00261D9E	3FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	D0FFFFFF
P13	10261D9E	00000000	3FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	D0000000
P15	10261D9E	00000000	3FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	D0000000

00030

SIGMA LOGIC SIMULATION, FPL, CASE 0015

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	8C178F32	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	50012345	00000000	8C178F32	0	00000000	00000000	00000000	FF000000	00000000
P02	50000000	00012345	8C178F32	0	00000000	061789AB	000789AB	80000000	00000000
P03	8C178F32	00012345	8C178F32	0	00012345	00000000	00000000	00000000	D6000000
P04	C178F320	00123458	8C178F32	0	00012345	00000000	00000000	00000000	D5000000
P05	00000000	00000000	8C178F32	0	00012345	258BCDEF	000789AB	00000000	D5000000
P06	58BCDEF0	00789AB2	8C178F32	0	00012345	258BCDEF	000789AB	00000000	D4000000
P07	00000000	00000000	2305E30C	0	00012345	58BCDEF0	00789AB2	00000000	D4000000
P09	00000000	00000000	08C178F3	0	00012345	B179BDEF	00F13564	00000000	D4000000
P10	2C5E6F78	000C4059	063C5E3C	1	000048D1	00000000	00000000	00000000	D4000000
P10	4B179BDE	000F1356	058C178F	0	00001234	A743210F	0187654D	00000000	D4000000
P10	FB1520E4	01F210A6	416305E3	1	0000048D	58BCDEF0	00789AB2	01818080	D40380A2
P10	ARRA1C30	01F644F5	E458C178	1	00000123	A743210F	0187654D	20CAC750	D4314C51
P10	48CCFF99	01141A3F	7D16305E	0	00000048	00000000	00000000	D6650288	D403A2A2
P10	27A97F05	01F1EF27	2345XC17	0	00000012	58BCDEF0	00789AB2	20201144	D4080111
P10	17C0682C	01F05761	68D16305	1	00000004	B179BDEF	00F13564	90542FA0	D43C4519
P10	0DR88E95	01C04047	92345XC1	0	00000001	A743210F	0187654D	08AE9AD0	D4782A90
P10	9R956251	01C0012F	24FD1630	0	00000000	B179BDEF	00F13564	C6F51044	D4F5BFA2
P10	3BCE713F	01C6677A	3123458C	0	00000000	58BCDEF0	00789AB2	486A90A4	D4729A93
P10	CAC6CC9B	01F31P16	E048F163	0	00000000	00000000	00000000	2C776FD0	D4394059
P10	F9AC9A9C	01F29553	FC123458	1	00000000	00000000	00000000	04230F40	D4188408
P10	FF630737	01FA2456	30C48D16	0	00000000	A743210F	0187654D	02100000	D4084200
P10	D60C3DAE	011063C6	00012345	0	00000000	58BCDEF0	00789AB2	53A1A008	D4C52222
P10	B7445AF7	01F83415	700048D1	0	00000000	B179BDEF	00F13564	29564150	D4CF9551
P10	0B0AEAD1	01C0E508	90001234	0	00000000	58BCDEF0	00789AB2	08AA2F77	D4741AAA
P10	22F3C696	01F05944	4000048D	0	00000000	58BCDEF0	00789AB2	2C5D7777	D43E4055
P10	D584ABC7	01ED9A48	A0000123	0	00000000	00000000	00000000	147EAB70	D43C20AA

00031

SIGMA LOGIC SIMULATION, FML, CASE 0015									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	B07EKC2F	01F463C0	E0000048	1	00000000	58BCDF0	0C789AB2	0A0255A	D4161054
P10	B8B002DF	01E6BA49	F0C00012	0	00000000	A743210F	01R7654D	0C1F6A5D	D43A0968
P10	04FB1260	0116F59B	30C00004	0	00000000	58BCDF0	00789AB2	D609912F	D4D314A4
P10	6293976F	01EF5FE3	F0C000C1	0	00000000	B1798BE0	00F13564	2A5CC93	D4294A59
P10	BE6DB8EF	01C0C877	F0C00000	0	00000000	00000000	00000000	912CCED	D474AF30
P10	C8D05D97	01EE59C1	F0C00000	0	00000000	58BCDF0	00789AB2	4816445	D4224418
P10	F6DEB1CD	01FD21DE	F0C00000	0	00000000	00000000	00000000	244A2E68	D4352C48
P10	B4A527E9	01F60365	70C00000	0	00000000	00000000	00000000	12251024	D4129024
P11	C6CA380D	00089389	70C00000	0	00000000	00000000	00000000	00000000	D4000000
P12	C6CA380D	00089389	70C00000	0	00000000	00000000	00000000	FFFFFFF	D4FFFFFF
P13	6CA380D7	0089389C	E0C00000	0	00000000	00000000	00000000	FFFFFFF	D3FFFFFF
P13	1389389C	00000000	E0C00000	0	00000000	00000000	00000000	0000000	D3000000
P15	1389389C	00000000	E0C00000	0	00000000	00000000	00000000	0000000	D3000000

00032

SIGMA LOGIC SIMULATION, FML, CASE 0016									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	634AC271	00000000	00000000	0	00000000	00000000	00000000	0000000	00000000
P01	89AECDFE	00000000	634AC271	0	00000000	00000000	00000000	FF00000	00000000
P02	76000000	01ABCDEF	634AC271	0	00000000	00E6AF37	0056AE37	8000000	00000000
P03	00000000	00000000	18E2B09C	0	01ABCDEF	BF258FE1	0056AE37	FFFFFFF	F6FFFFFF
P09	00000000	00000000	0634AC27	0	01ABCDEF	40DA741E	01A951C8	0000000	F6000000
P10	12369007	01EA5472	8D8D2BC9	1	00EAF37B	00000000	00000000	0000000	F6000000
P10	840DA741	01FA951C	FF634AC2	0	00FABCDE	BF258FE1	00E6AE37	0000000	F6000000
P10	CECAC828	01E0F0CA	38D8D210	0	00FEAF37	81E4FR3D	01E2A390	4202C1A	F629420A
P10	035FC8AD	01243904	6FF634AC	0	00FFABCD	81E4FR3D	01E2A390	61416499	F6858145
P10	78EAA1D1	0130C640	27D8D229	0	00FFFAF3	00000000	00000000	00AAE45E	F69A51EA
P10	9E100557	01FAA9EA	FDF634A	1	00FFFAF3	00000000	00000000	0055500	F608P200
P10	A7915555	01F8A172	F37D802	1	00FFFAF	BF258FE1	0056AE37	0008000	F6041210
P10	462F37AD	01FA87D5	3CDEF634	1	00FFFAF	BF258FE1	0056AE37	538080A	F62A5C19
P10	EAA28F3B	01E5907E	2F37FD8C	0	00FFFAF	BF258FE1	0056AE37	AB92C1D	F635430A
P10	FF857142	01F190D0	ABCDEF63	0	00FFFAF	40DA741E	01A951C8	56D145F	F63AC71F
P10	FAA39029	01106281	CAF37B08	1	00FFFAF	40DA741E	01A951C8	2AF8BA	F604AE0C
P10	642457A6	01184E69	AABCDEF6	0	00FFFAF	BF258FE1	0056AE37	3575581	FAC6164
P10	BR902114	01E0204E	5CAF37D	0	00FFFAF	40DA741E	01A951C8	9A92ADD	F62F3732
P10	18757E36	011991AD	6FABCDE	0	00FFFAF	81E4FR3D	01E2A390	4040128	F60498A5
P10	35232120	0127EAA6	2FEAF37	1	00FFFAF	40DA741E	01A951C8	849A0D1	F6484872
P10	3C50FACD	010980E	7FFABCDE	1	00FFFAF	BF258FE1	0056AE37	025D1A8	F604A461
P10	604A1A09	01F2E7AE	AFFFAF37	1	00FFFAF	00000000	00000000	9F2AC74	F62A5633
P10	7F0835F7	01F22FE7	4FFFAF0C	1	00FFFAF	BF258FE1	00E6AE37	0005042	F6112211
P10	7C3E2E89	01ED68B0	AFFFAF3	0	00FFFAF	00000000	00000000	9F8280F	F6291718
P10	FBEF2B1E	01F11FEA	4FFFAF0C	1	00FFFAF	81E4FR3D	01E2A390	08C1014	F6148008
P10	9C96B098	0120CF1C	FFFFFAF	0	00FFFAF	BF258FE1	0056AE37	44D2948	F6A841C4
P10	D9D86BFD	01F4C83B	FFFFFAF	1	00FFFAF	40DA741E	01A951C8	4E4R454	F616678A
P10	75D255F9	0112FF9E	FFFFFAF	1	00FFFAF	BF258FE1	0056AE37	246D342	F6A220C5
P10	3EA68A89	01E79F5B	9FFFAF	1	00FFFAF	00000000	00000000	9AB28AF	F6295748
P10	28450C1F	01F382C4	5FFFAF	1	00FFFAF	BF258FE1	0056AE37	8051454	F6108A75
P10	868C70AF	01E068B5	AFFFAF	1	00FFFAF	BF258FE1	0056AE37	D6A286A	F6295512

00033

SIGMA LOGIC SIMULATION, FML, CASE 0016

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	3BC2DF7B	01E4A7A4	8FFFFFFF	0	00FFFFFF	BF258BE1	0056AE37	CB524150	F636B29B
P10	13ED4572	01F12FC2	9FFFFFFF	0	00FFFFFF	00000000	00000000	DDA165B8	F63B5358
P11	F18EAB2B	001C821D	5FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	F6000000
P12	F18EAB2B	001C821D	5FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	F6FFFFFF
P13	36E37DE2	00000000	5FFFFFFF	1	00FFFFFF	00000000	00000000	FF00000	F6000000
P15	C9E37DE2	00000000	5FFFFFFF	1	00FFFFFF	00000000	00000000	0000000	F6000000

00034

SIGMA LOGIC SIMULATION, FML, CASE 0017

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	E486C662	00000000	00000000	0	00000000	00000000	00000000	0000000	00000000
P01	BF1357BD	00000000	E486C662	0	00000000	00000000	00000000	FF00000	00000000
P02	40000000	011357BD	E486C662	0	00000000	02FC9630	00FC9630	8000000	00000000
P03	00000000	00000000	39214198	0	011357BD	F147A0C3	010369CF	0000000	C0000000
P09	00000000	00000000	0E486C66	0	011357BD	E28F5A06	0006D39F	0000000	C0000000
P10	F8A3D6F1	018184E7	87921419	0	00C4D5FF	00000000	00000000	0000000	C0000000
P10	FE28F5A0	01E06039	60E486C6	0	00F1357B	E28F5A06	0006D39F	0000000	C0000000
P10	8729E6E9	0179AFA9	9F792181	0	00FC405E	F147A0C3	010369CF	F104280	C0002080
P10	A1DA999A	011E89DA	A30E486C	0	00FE1357	E28F5A06	0006D39F	F82D048	C08094C6
P10	EEF5C5A7	01663F88	0EF79218	0	00FEC4D5	F147A0C3	010369CF	7045694	C00348CF
P10	1BFDC143	011987AE	578DF486	1	00FFF135	00000000	00000000	F822FAA	C08184E7
P10	78F7C0F8	01E60002	B5EF7921	1	00FFF40D	0E8852FC	00FC9630	0010600	C000C259
P10	5E97FFC1	0106962C	057BDF48	0	00FFFF13	0E8852FC	00FC9630	0658207	C0724329
P10	559DE350	01021000	605EF792	0	00FFFC4D	E28F5A06	0006D39F	074C3077	C0734914
P10	AC17A00A	0168E211	23E79218	0	00FFFFF1	00000000	00000000	A3C6B7A	C02929CF
P10	C3F44768	0100E2F7	4405EF79	0	00FFFFFF	E28F5A06	0006D39F	5073500	C0214900
P10	1C5E135A	0170C05A	D135780E	0	00FFFFFF	00000000	00000000	E143A00	C00A4943
P10	7F476E96	010E0044	3C4D5EF7	0	00FFFFFF	F147A0C3	010369CF	0021008	C0000425
P10	A38F70C5	0137742B	CF1357BD	1	00FFFFFF	E28F5A06	0006D39F	B8A3944	C08116A2
P10	BE9922F0	0160C045	AFC4D5EF	0	00FFFFFF	0E8852FC	00FC9630	0145A09	C003A855
P10	186E3E3F	01F4C448	8FF1357E	1	00FFFFFF	E28F5A06	0006D39F	CF34959	C036577A
P10	4D778CA7	0175103F	4FFC405E	1	00FFFFFF	0E8852FC	00FC9630	65128A8	C0136085
P10	89975987	01E48862	6FFF1357	1	00FFFFFF	00000000	00000000	A699405	C03A891A
P10	09C8538	01F7009E	AFFFC405	1	00FFFFFF	0F5852FC	00FC9630	4048A48	C0114441
P10	D14ED0D3	0106B788	8FFFF135	0	00FFFFFF	00000000	00000000	0544425	C07A8248
P10	F50AA7A3	01EFC07C	0FFFFC4D	0	00FFFFFF	E28F5A06	0006D39F	00A2202	C02214104
P10	C5C9F763	017227FA	4FFFFFF13	0	00FFFFFF	F147A0C3	010369CF	70451111	C013A08A
P10	0132D22C	0118BDAF	6FFFFFFC4	1	00FFFFFF	F147A0C3	010369CF	78A2D48	C08990E5
P10	5635E957	012490A1	BFFFFFFF1	0	00FFFFFF	0E8852FC	00FC9630	F891604	C084DC07
P10	A807353A	01D73699	0FFFFFFC	0	00FFFFFF	F147A0C3	010369CF	AF58B4A	C0524458
P10	BD860B04	012185A3	DFFFFFFF	0	00FFFFFF	F147A0C3	010369CF	D4A3D40	C0A9B56C

00035

TIME	SIGMA LOGIC SIMULATION, FVL, CASE 0017								
	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	26189F34	0122D678	8FFFFFFF	0	00FFFFFF	00000000	00000000	FAC3C583	C290D2A7
P10	F736D6AD	01FC8137	9FFFFFFF	0	00FFFFFF	00000000	00000000	11004281	C2006910
P11	0837192D	01ECEA48	0FFFFFFF	1	00FFFFFF	0EB852FC	00FC9630	00000001	C2000000
P12	16EF6C2A	00E98078	0FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	C2FFFFFF
P13	02E98C78	00000000	0FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	C2000000
P15	02E98C78	00000000	0FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	C2000000

00036

TIME	SIGMA LOGIC SIMULATION, FVL, CASE 0018								
	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	5A5ACF3B	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	E2006AE3	00000000	5A5ACF3B	0	00000000	00000000	00000000	FF000000	00000000
P02	10000000	01006AE3	5A5ACF3B	0	00000000	610083FB	000083FB	80000000	00000000
P03	00000000	00000000	5A5ACF3B	0	01006AE3	7827C16B	000083FB	00000000	FF000000
P06	827C16B0	0008BF37	5A5ACF3B	0	01006AE3	7827C16B	000083FB	00000000	FF000000
P07	27C16B00	008BF37B	5A5ACF3B	0	01006AE3	7827C16B	000083FB	00000000	FF000000
P07	00000000	00000000	1686B3CF	1	01006AE3	27C16B00	008BF37B	FFFFFFF	FFFFFFF
P09	00000000	00000000	05A5ACF3	1	01006AE3	27C16B00	008BF37B	00000000	FF000000
P10	C9F05A00	0022FFDE	00696B0C	1	00001AB8	27C16B00	008BF37B	00000000	FF000000
P10	788C4C70	002A47F9	035A5ACF	0	00FF006A	00000000	00000000	00F02500	FF017820
P10	1EDB1A5C	000ACFF1	08D69643	1	00FC01AB	D83E94FF	01740C84	80400000	FF002014
P10	5149E328	010FB998	CE35A5AC	0	00FF006A	27C16B00	008BF37B	4C2D0022	FF000644
P10	4E914041	0105134A	88DD696F	0	00FF001A	00000000	00000000	22D4B594	FF04D920
P10	DR117D75	01F43291	7AE35A5A	1	00FF0006	D83E94FF	01740C84	01480000	FF028894
P10	4009FA62	012CA7A0	9A88C696	1	00FF0001	27C16B00	008BF37B	608C0043	FF020444
P10	42F526D6	010554A4	16AF35AF	1	00FF0000	27C16B00	008BF37B	3244A511	FF055285
P10	950C3E31	0106F0CA	D1A88069	0	00FF0000	27C16B00	008BF37B	91629388	FF02A95A
P10	C80FF1AE	010RL9FF	706AE35A	0	00FF0000	B07029FF	00F81909	4AE0178	FF017CA0
P10	8C90B174	0150CA716	501AF806	0	00FF00FF	D83E94FF	01740C84	E47E90D7	FF074806
P10	2C342E57	011404D1	2006AE35	0	00FFFFFF	B07029FF	00F81909	661F4A7	FF0A5484
P10	FE959374	015192E4	FC01A880	0	00FFFFFF	B07029FF	00F81909	921E9F3	FF0C0A24
P10	7730B8ED	01796072	2F006AE3	0	00FFFFFF	D83E94FF	01740C84	590FC8B	FF0C0012
P10	3D8375FB	01285979	4FC01A88	1	00FFFFFF	D83E94FF	01740C84	2C9F447	FF0E0409
P10	324A95A	0130948D	DF006AE	0	00FFFFFF	27C16B00	008BF37B	9F4FAA7	FF0E0674
P10	A2F19A09	01095870	7FF001AB	0	00FFFFFF	D83E94FF	01740C84	9R24D5A	FF0D481F
P10	B87AF4D6	013007FA	FFFF006A	1	00FFFFFF	B07029FF	00F81909	4C1A4A5	FF0A6A0A
P10	514765FF	015CAFBE	EFFFC01A	1	00FFFFFF	27C16B00	008BF37B	5C3D3F6	FF056025
P10	CAAECECD	01005700	1FFFF006	1	00FFFFFF	27C16B00	008BF37B	AAA2B2A	FF0F515F

00037

SIGMA LOGIC SIMULATION, FML, CASE 0018									
TIME	A REGISTER	A'REGISTER	B REGISTER	PC31	R'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	21F345DA	01D1307D	3FFFFFFC01	1	00FFFFFF	27C16B00	008BF37B	95517542	FC55A9AD
P10	E4D8DAE6	01C3D9EA	2FFFFFF000	0	00FFFFFF	27C16B00	008BF37B	92E8B2A1	FC68DCBE
P10	D47C43D1	01C8378B	0FFFFFFC00	0	00FFFFFF	807D29FF	00E81909	53647951	FC65E0FD
P10	CDD944DF	0151721F	8FFFFFF000	0	00FFFFFF	00000000	00000000	E83E34E8	FC741EC4
P10	C979DC00	01C95B36	0FFFFFFC00	0	00FFFFFF	00000000	00000000	640C0264	FC230902
P10	2B5D779A	01F8548D	4FFFFFF000	0	00FFFFFF	00000000	00000000	20040002	FC040481
P10	02065DE6	01FF14C3	2FFFFFF000	0	00FFFFFF	00000000	00000000	9C020001	FC000240
P10	E4851779	01FFC590	0FFFFFF000	0	00FFFFFF	00000000	00000000	00010001	FC000000
P11	E4861779	01FFC590	0FFFFFF000	1	00FFFFFF	27C16B00	008BF37B	00000000	FC000000
P12	0C778279	008B990C	0FFFFFF000	1	00FFFFFF	00000000	00000000	FFFFFFFF	FCFFFFFF
P13	3C7446F3	00000000	0FFFFFF000	1	00FFFFFF	00000000	00000000	FF000000	FC000000
P15	C37446F3	00000000	0FFFFFF000	1	00FFFFFF	00000000	00000000	00000000	FC000000

00038

SIGMA LOGIC SIMULATION, FML, CASE 0019									
TIME	A REGISTER	A'REGISTER	B REGISTER	PC31	R'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	FC259E49	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	AF00C49F	00000000	F259E49	0	00000000	00000000	00000000	FF000000	00000000
P02	50000000	0100049F	F259E49	0	00000000	10FFFF60	00FFFFB60	80000000	00000000
P03	00000000	00000000	30096732	0	0100049F	F0259E49	0100049F	00000000	E0000000
P09	00000000	00000000	2F0259E4	0	0100049F	F0259E49	0100049F	00000000	E0000000
P10	FC096782	01000127	4009678	0	00000127	E04B3092	0000093F	00000000	FC000000
P10	0710B960	01700206	15F0259E	0	0000049F	00000000	00000000	F004804	E0000083
P10	73050122	01000025	47FC0967	0	00000012	F0259E49	0100049F	00000000	E0000001
P10	E3783592	0137010E	09FF0259	1	00000004	E04B3092	0000093F	8002849	E0000042
P10	EE006364	01600210	307B0096	0	00000001	0FA61B6	00FFFFB60	7025104	E0000087
P10	E4400426	01E48E7E	049E0025	0	00000000	E04B3092	0000093F	3766318	E036E102
P10	CC0872C1	01748990	81270009	0	00000000	E04B3092	0000093F	72271A5	E012449F
P10	17AD1502	01598E50	8049E002	0	00000000	F0259E49	0100049F	F0259E4	E008040F
P10	05EB4588	01146057	00127000	0	00000000	F0259E49	0100049F	F01201A	E0840247
P10	C3770559	01241AE3	40049EFC	0	00000000	E04B3092	0000093F	FE11E74	E0000000
P10	F60B77A3	0169847D	E0012700	0	00000000	00000000	00000000	F02997A	E0000015
P10	0188B942	010A605A	F00C49FF	0	00000000	00000000	00000000	F004805	E0000000
P10	3EAF0004	01FA9424	FC00127B	1	00000000	00000000	00000000	000044A	E0000005
P10	4F9B0229	01F0A424	2F00049E	1	00000000	0FA61B6	00FFFFB60	00000000	E0000002
P10	9C106C67	01C09751	00000127	1	00000000	00000000	00000000	07C0211	E07E0110
P10	6BF7535D	01FF9190	0FF00049	1	00000000	0FA61B6	00FFFFB60	0000100	E020488
P10	1A9E484A	01C0009E	0FF00012	0	00000000	00000000	00000000	0FE92A8	E077E000
P10	86189900	01E00017	1FFF0004	0	00000000	E04B3092	0000093F	0144844	E0220440
P10	1905C836	0173301A	0FF00001	0	00000000	E04B3092	0000093F	00000000	E011048B
P10	5E4AAEA9	0158802B	8FFFF000	0	00000000	00000000	00000000	E022A00	E00886A0
P10	9E920028	01F402A9	2FF00000	0	00000000	F0259E49	0100049F	0011530	E0044204
P10	AAF9B309	0134110C	6FFFFFF000	0	00000000	00000000	00000000	E0C8800	E0000146
P10	90484EB7	01E08412	5FFFFFF000	0	00000000	00000000	00000000	5004408	E0000082
P10	312FC38D	01FB6124	0FFFFFF000	0	00000000	00000000	00000000	0000204	E0000001
P10	4E4BC8F3	01FFD849	7FFFFFF000	0	00000000	00000000	00000000	00000000	E0000000
P10	5392F23C	01FFB612	0FFFFFF000	0	00000000	00000000	00000000	00000000	E0000000

00039

SIGMA LOGIC SIMULATION, FML, CASE 0019									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	BI REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	94E4BC8F	01FFED84	3FFFFFFF	0	00FFFFFF	00000000	00000000	00000000	ED000000
P10	25392F23	01FFFFB61	FFFFFFFF	0	00FFFFFF	00000000	00000000	00000000	ED000000
P11	25392F23	01FFFFB61	FFFFFFFF	1	00FFFFFF	0FDA61B6	00FFFFB60	00000000	ED000000
P12	351390DA	00FFFA61	FFFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFFF	EDFFFFFF
P13	2DFFF6C1	00000000	FFFFFFFF	1	00FFFFFF	00000000	00000000	00000000	ED000000
P15	2DFFF6C1	00000000	FFFFFFFF	1	00FFFFFF	00000000	00000000	00000000	ED000000

00040

SIGMA LOGIC SIMULATION, FML, CASE 0020									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	BI REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	D73C2826	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	670000F2	00000000	D73C2826	0	00000000	00000000	00000000	FF000000	00000000
P02	67000000	000000F2	D73C2826	0	00000000	14FFFF54	00FFFF54	80000000	00000000
P03	D73C2826	000000F2	D73C2826	0	000000B2	00000000	00000000	00000000	F8000000
P04	73C28260	0000002D	D73C2826	0	000000B2	00000000	00000000	00000000	FA000000
P05	3C282600	00000007	D73C2826	0	000000B2	00000000	00000000	00000000	F9000000
P05	C2826000	00000073	D73C2826	0	000000B2	00000000	00000000	00000000	F8000000
P05	28260000	00000073	D73C2826	0	000000B2	00000000	00000000	00000000	F7000000
P05	00000000	00000000	35CF0A09	0	000000B2	E159F059	010000AB	FFFFFFFF	F7FFFFFF
P09	00000000	00000000	0073C282	0	000000B2	304C1F4D	01FFFEA8	00000000	F7000000
P10	0F5307D3	007FFFAA	435CF0A0	0	0000002C	1FA60FA6	00FFFF54	00000000	F7000000
P10	847D421D	0020003F	6073C282	0	00000000	304C1F4D	01FFFEA8	07010000	F73FFFF0
P10	EF8C17A4	00780045	60F5CF0A	0	00000002	00000000	00000000	02A681A0	F71FFFF0
P10	7B4AA580	0019FFC4	89D073C2	0	00000000	00000000	00000000	01420000	F7000000
P10	9E822954	00057FF9	B2CB5CF0	0	00000000	304C1F4D	01FFFEA8	00410000	F7000000
P10	680BCD76	007FA054	60F2D73C	0	00000000	304C1F4D	01FFFEA8	0E400000	F702BFF0
P10	16FFF59E	0060B86A	60FCB5CF	0	00000000	00000000	00000000	16240000	F73FD0FA
P10	00347C07	0017D000	60CB2E73	1	00000000	00000000	00000000	00120000	F7104C15
P10	42C99FA5	0001E571	90C2C05C	1	00000000	F159F059	010000AB	00080000	F7082408
P10	A8E615F5	01027074	00008007	0	00000000	00000000	00000000	AC240000	F7001214
P10	0230E4F9	01F09898	F0002CB5	1	00000000	1EA60FA6	00FFFF54	50120000	F7000000
P10	93212F05	01030001	F0000B00	0	00000000	E159F059	010000AB	09190000	F7784000
P10	9E887776	012EE505	00000200	0	00000000	304C1F4D	01FFFEA8	00009000	F7A02454
P10	58063E44	019C4FCA	700000B2	1	00000000	1EA60FA6	00FFFF54	4E660000	F70772FA
P10	C2018E95	01E0300D	60000000	1	00000000	E159F059	010000AB	2F7307D0	F76BFA05
P10	F3CADE47	012CA3FC	F0000000	0	00000000	E159F059	010000AB	91A8C360	F7469856

00041

TIME	SIGMA LOGIC SIMULATION, FPL CASE 0020								
	A REGISTER	A REGISTER	B REGISTER	PC31	R REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	60FFFB5D	01258FC4	90000002	1	00000000	1EA60FA6	00FFFF54	78846924	F7904C77
P10	C1B72777	01028C79	D0000000	1	00000000	E159F059	010000AB	3C533596	F75AE72A
P10	072F78AF	01221AFE	10000000	0	00000000	E159F059	010000AB	F0A99AA9	F7A94215
P10	05B7C497	0122D610	F0000000	0	00000000	00000000	00000000	F094FC54	F790015F
P11	F64CC0EC	01B2D76F	70000000	0	00000000	1EA60FA6	00FFFF54	00000001	F7000000
P12	14F2D093	00B2D6C4	70000000	0	00000000	00000000	00000000	FFFFFFF1	F7FFFFFF
P13	374D293B	00000000	70000000	0	00000000	00000000	00000000	FF000000	F7000000
P15	C84D293B	00000000	70000000	0	00000000	00000000	00000000	00000000	F7000000

00042

TIME	SIGMA LOGIC SIMULATION, FPL CASE 0021								
	A REGISTER	A REGISTER	B REGISTER	PC31	R REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	F1A3C842	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PC1	10000006	00000000	F1A3C842	0	00000000	00000000	00000000	FF000000	00000000
PC2	10000000	00000006	F1A3C842	0	00000000	57000003	00000003	80000000	00000000
PC3	F1A3C842	00000006	F1A3C842	0	00000006	00000000	00000000	00000000	E7000000
PC4	1A3C8420	0000000F	F1A3C842	0	00000006	00000000	00000000	00000000	F6000000
PC5	A3C84200	000000F1	F1A3C842	0	00000006	00000000	00000000	00000000	E5000000
PC5	3C842000	000000F1A	F1A3C842	0	00000006	00000000	00000000	00000000	E4000000
PC5	C8420000	0006F1A3	F1A3C842	0	00000006	00000000	00000000	00000000	E3000000
PC5	84200000	006F1A3C	F1A3C842	0	00000006	00000000	00000000	00000000	F2000000
PC5	00000000	00000000	F1A3C842	0	00000006	C02A3071	00000003	00000000	F2000000
PC6	D2A3C710	00000000	F1A3C842	0	00000006	C02A3071	00000003	00000000	F1000000
PC7	2A3C7100	00000000	F1A3C842	0	00000006	C52A3071	00000003	00000000	F0000000
PC7	A3C71000	00000002	F1A3C842	0	00000006	C02A3071	00000003	00000000	0F000000
PC7	3C710000	0003C02A	F1A3C842	0	00000006	C02A3071	00000003	00000000	0E000000
PC7	C7100000	003C02A3	F1A3C842	0	00000006	C02A3071	00000003	00000000	0D000000
PC7	00000000	00000000	30F8F210	0	00000006	C7100000	003C02A3	00000000	0C000000
PC9	00000000	00000000	0F1A3C84	0	00000006	FF200000	0079A547	00000000	00000000
P10	E3R80000	001E6951	00068F21	0	00000000	00000000	00000000	00000000	00000000
P10	78E20000	00079A54	06F1A3C8	0	00000000	00000000	00000000	00000000	00000000

00013

SIGMA LOGIC SIMULATION, FPL CASE 0021									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	1E388000	0001E695	01BC68F2	0	00000000	C7100000	0C3CD2A3	00000000	DD000000
P10	B64A2000	000F400D	006F1A3C	0	00000000	00000000	00000000	83080000	DD006140
P10	40508800	0003C813	001BC68F	0	00000000	8E200000	0079A547	41040000	DD002080
P10	20902200	001F9385	0006F1A3	1	00000000	00000000	00000000	A6800000	DD00D081
P10	21874880	000790CD	0001BC68	1	00000000	38EFFFFF	01C32D5C	90400000	DD004840
P10	624A2DDF	01F13074	C0006F1A	0	00000000	00000000	00000000	1863A440	DD018426
P10	9E8A6267	01FC2F54	C0001BC6	0	00000000	C7100000	0C3CD2A3	00211220	DD008212
P10	566EDC11	01F01FB9	C00006F1	0	00000000	8E200000	0079A547	43000110	DD1E4109
P10	E603B740	01E5FFFD	4000018C	0	00000000	8E200000	0079A547	A3100000	DD3C0284
P10	B2F8EDD2	01E8164F	2000006F	0	00000000	C7100000	0C3CD2A3	D3080000	DD3ED362
P10	A9R83B74	01FA85E3	8000001B	1	00000000	00000000	00000000	E98C0000	DD1E6931
P10	900D0EED	01F93834	20000006	1	00000000	38EFFFFF	01C32D5C	D4C40000	DD000090
P10	1F09BC48	0100C5BF	80000001	1	00000000	00000000	00000000	48668760	DD0E4948
P10	150BCEC9	01FA544D	90000000	0	00000000	38EFFFFF	01C32D5C	04004224	DD024245
P10	0A4D1CC4	010ECF05	B0000000	0	00000000	8E200000	0079A547	8A65F776	DD0E12226
P10	03823EEC	01E5926D	90000000	0	00000000	00000000	00000000	C5328220	DD34D3P3
P11	C8B4C10E	001A6590	D0000000	0	00000000	00000000	00000000	00000000	DD000000
P12	C8B4C10E	001A6590	D0000000	0	00000000	00000000	00000000	FFFFFFF0	DDFFFFFF
P13	1D1A6590	00000000	D0000000	0	00000000	00000000	00000000	00000000	DD000000
P15	1D1A6590	00000000	D0000000	0	00000000	00000000	00000000	00000000	DD000000

00014

SIGMA LOGIC SIMULATION, FPL CASE 0022									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	486CEA47	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	42000000	00000000	486CEA47	0	00000000	00000000	00000000	FF000000	00000000
P02	42000000	00000000	486CEA47	0	00000000	3E3AF92C	003AF92C	80000000	00000000
P03	486CEA47	00000000	486CEA47	0	00000000	00000000	00000000	00000000	00000000
P04	86CEA470	00000004	486CEA47	0	00000000	00000000	00000000	00000000	FF000000
P05	6CEA4700	00000048	486CEA47	0	00000000	00000000	00000000	00000000	FF000000
P05	CEA47000	00000486	486CEA47	0	00000000	00000000	00000000	00000000	FF000000
P05	EA470000	0000486C	486CEA47	0	00000000	00000000	00000000	00000000	FF000000
P05	A4700000	000486CE	486CEA47	0	00000000	00000000	00000000	00000000	FF000000
P05	47000000	00486CEA	486CEA47	0	00000000	00000000	00000000	00000000	FA000000
P05	00000000	00000000	12183A91	1	00000000	76B15038	003AF92C	00000000	FA000000
P09	00000000	00000000	0486CLA4	0	00000000	894FAFC7	01C506D3	00000000	FA000000
P10	E253A8F1	01F141E4	C12183A9	0	00000000	ED62A070	0075F258	00000000	FA000000
P10	03CC42E0	01E12CFB	40486CEA	0	00000000	00000000	00000000	70215038	FA38A000
P10	DCFR44F6	01F6633C	20121E3A	0	00000000	76B15038	003AF92C	00000000	FA101000
P10	2A928D27	01F72285	800486CE	0	00000000	ED62A070	0075F258	2A58A010	FA193896
P10	FB6A2353	01E6FA12	E0C12183	0	00000000	ED62A070	0075F258	15295010	FA3A994A
P10	00CR74CF	01FA6440	F000486C	1	00000000	ED62A070	0075F258	7E851020	FA337020
P10	64C7F125	01F93A0D	B000121B	0	00000000	894FAFC7	01C506D3	36701480	FA308A24
P10	B6FE5185	0104618F	A0000486	1	00000000	76B15038	003AF92C	92235090	FA6906A0
P10	149F1747	01F2C170	D0000121	1	00000000	894FAFC7	01C506D3	5859A4E0	FA187097
P10	31A30436	01091FCD	00000048	0	00000000	894FAFC7	01C506D3	8CAD07A0	FAF98260
P10	CD101F14	0109E69D	80000012	0	00000000	ED62A070	0075F258	C4D7C3D0	FAE48364
P10	79295F20	01E625F8	E0C00004	0	00000000	00000000	00000000	66A941A0	FA32F12E

00015

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0022								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	87E007A1	01F53531	40000001	0	00000000	ED62A070	0075F258	3C14A094	FA111094
P10	56A581D1	01E475FF	60000000	0	00000000	00000000	00000000	52B05154	FA3A9808
P10	C1057462	01F7887D	50000000	0	00000000	76B15038	003AF92C	29500028	FA100804
P10	67B9091C	01F75295	90000000	0	00000000	00000000	00000000	3088A814	FA195C96
P11	9841B130	0010AF2B	90000000	0	00000000	00000000	00000000	00000000	FA000000
P12	9841B130	0010AF2B	90000000	0	00000000	00000000	00000000	FFFFFFFF	FAFFFFFF
P13	3A10AF2B	00000000	90000000	0	00000000	00000000	00000000	00000000	FA000000
P15	3A10AF2B	00000000	90000000	0	00000000	00000000	00000000	00000000	FA000000

00016

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0023								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	07C1651F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	02000000	00000000	07C1651F	0	00000000	00000000	00000000	FF000000	00000000
P02	20000000	01000000	07C1651F	0	00000000	37000000	00000000	80000000	00000000
P03	00000000	00000000	07C1651F	0	00000000	05088067	00000000	00000000	E4000000
P06	50806670	00000000	07C1651F	0	00000000	05088067	00000000	00000000	E3000000
P07	05806670	00000005	07C1651F	0	00000000	05088067	00000000	00000000	E2000000
P07	05806670	00000000	07C1651F	0	00000000	05088067	00000000	00000000	E1000000
P07	80670000	00000008	07C1651F	0	00000000	05088067	00000000	00000000	E0000000
P07	06700000	00000008	07C1651F	0	00000000	05088067	00000000	00000000	DF000000
P07	67000000	00050000	07C1651F	0	00000000	05088067	00000000	00000000	DE000000
P07	70000000	00050006	07C1651F	0	00000000	05088067	00000000	00000000	DD000000
P07	00000000	00000000	01F05B47	1	00000000	70000000	0150B806	FFFFFFFF	00FFFFFF
P09	00000000	00000000	017C16A1	1	00000000	70000000	0050B806	00000000	00000000
P10	90000000	00170001	001F05B4	0	00000000	00000000	00000000	00000000	00000000
P10	67000000	00050000	0007C160	0	00000000	1FFFFFFF	01448FF3	00000000	00000000
P10	0E3FFFFFF	01005510	0001F05B	0	00000000	00000000	00000000	00000000	002245C0
P10	376FFFFFF	01F48437	00007C16	1	00000000	8FFFFFFF	01A247F9	01000000	00002250
P10	AE640000	01150053	00001F05	1	00000000	70000000	0050B806	8307FFFF	00000000
P10	5774FFFFFF	01F60003	000007C1	0	00000000	70000000	0050B806	51120000	002A0C29
P10	1099FFFFFF	01F4500B	000001F0	0	00000000	1FFFFFFF	01448FF3	00000000	00374001
P10	6A8B9000	0125E002	00000070	0	00000000	8FFFFFFF	01A247F9	00000000	00022699
P10	9AF22000	010061F4	0000001F	0	00000000	00000000	00000000	C77FFFFF	00013050
P10	176770FF	01F714AA	00000007	1	00000000	00000000	00000000	41311400	00009AA

00047

SIGMA LOGIC SIMULATION, FML CASE 0023									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P10	159599BF	01FDE100	C0000001	1	00FFFFFF	70000000	005D8806	00908800	DD000855
P10	D941446F	01E81454	C0000000	0	00FFFFFF	00000000	00000000	00484400	DD2ED402
P10	B442401B	01F1B015	CC000000	0	00FFFFFF	1FFFFFFF	01448FF3	04202200	DD14A000
P10	ABE76779	01284079	0F000000	0	00FFFFFF	00000000	00000000	8A313100	DDA44508
P10	4875959D	01E0821C	0FC00000	0	00FFFFFF	00000000	00000000	45109084	DD142284
P10	03594146	01FD2826	7FF00000	0	00FFFFFF	00000000	00000000	20084842	DD000102
P10	08D44241	01FF4A49	1FFC0000	0	00FFFFFF	00000000	00000000	00042721	DD000001
P10	02341898	01FFD292	0FFF0000	0	00FFFFFF	00000000	00000000	80020000	DD000000
P10	A08D8626	01FFF4A4	2FFF0000	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	28236189	01FFF029	8FFFF000	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	4A08D862	01FFFF4A	6FFFFC00	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	92823618	01FFFFD2	9FFFF000	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	A4A08D86	01FFFFF4	2FFFFFC0	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	29282361	01FFFFFD	8FFFFF00	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	4A4A08D8	01FFFFFF	6FFFFFFC	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	D2928236	01FFFFFF	1FFFFFFF	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	F4A4A08D	01FFFFFF	8FFFFFFF	0	00FFFFFF	00000000	00000000	00000000	DD000000
P10	F0292823	01FFFFFF	6FFFFFFF	0	00FFFFFF	00000000	00000000	00000000	DD000000
P11	FD292823	01FFFFFF	6FFFFFFF	1	00FFFFFF	70000000	005D8806	00000000	DD000000
P12	6D292823	005D8806	6FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF0	DDFFFFFF
P13	1DA247F9	00000000	6FFFFFFF	1	00FFFFFF	00000000	00000000	FF000000	DD000000
P15	E2A247F9	00000000	6FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	DD000000

00048

SIGMA LOGIC SIMULATION, FML CASE 0024									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	0091918B	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	00000000	00000000	0091918B	0	00000000	00000000	00000000	FF000000	00000000
P02	34000000	01000000	0091918B	0	00000000	5FFFFFFF	00FFFFFF	80000000	00000000
P03	00000000	00000000	0124646E	1	01000000	00F566F9	01000000	00000000	13000000
P09	00000000	00000000	00091918	1	01000000	FF1A9916	00FFFFFF	00000000	13000000
P10	FFC6A645	003FFFFFF	80024646	1	00000000	FF1A9916	00FFFFFF	00000000	13000000
P10	00370FD4	00300000	F0009191	1	00000000	00000000	00000000	FF814000	131FFFFFF
P10	FFF093F5	0008FFFF	80024646	0	00FC0000	FF1A9916	00FFFFFF	00000000	13000000
P10	003DE2B8	003FC000	F0000919	0	00FF0000	01CACC02	00000000	FF844880	1305FFFF
P10	FF9CF9F8	018EBFFF	00000246	0	00FF0000	00000000	00000000	00066440	13028000
P10	FFD6AF6D	0180FFFF	50000091	0	00FF0000	00000000	01000000	00420200	13014000
P10	FFDC7A68	013893FF	10000246	0	00FF0000	01CACC02	00000000	00631330	13000000
P10	FF9D6923	016FC4FF	20000009	0	00FF0000	00F566F9	01000000	00F5200B	13004000
P10	FFE7489C	0118913F	00000002	0	00FFFF00	00000000	00000000	00728AD4	13000000
P10	FFF57F92	016E44FF	10000000	0	00FFFFFF	00E666F9	01000000	00310040	13000000
P10	FFCC464C	01390E13	50000000	0	00FFFFFF	01CACC02	00000000	00728360	13000000
P10	FF9DC03E	016E6F44	00000000	0	00FFFFFF	00000000	00000000	00F563A0	13000000
P10	3FDE1867	01D09091	30000000	0	00FFFFFF	00000000	00000000	00428110	13000000
P10	4FE7269D	01664E44	8F000000	0	00FFFFFF	00000000	00000000	00P1008	13000000
P10	13F18987	01F0B9F9	4FC00000	0	00FFFFFF	00000000	00000000	0010804	13000000
P10	44F84271	01FF6F6E	FFF00000	0	00FFFFFF	00000000	00000000	0008400	13000000
P10	9130009C	01FFD098	7FF00000	0	00FFFFFF	00000000	00000000	0004200	13000000
P10	E44E0827	01FFF6E6	1FFF0000	0	00FFFFFF	00000000	00000000	0002000	13000000
P10	B9130209	01FFF0B9	0FFF0000	0	00FFFFFF	00000000	00000000	0001000	13000000
P10	6E448082	01FFF6F6	7FFF0000	0	00FFFFFF	00000000	00000000	0000800	13000000
P10	98910090	01FFF0B9	9FFF0000	0	00FFFFFF	00000000	00000000	0000400	13000000
P10	E6E45008	01FFF6F6	2FFF0000	0	00FFFFFF	00000000	00000000	0000000	13000000
P10	B8891402	01FFF0FD	0FFF0000	0	00FFFFFF	00000000	00000000	0000000	13000000
P10	6E6F4500	01FFF6F6	8FFF0000	0	00FFFFFF	00000000	00000000	0000000	13000000
P10	DB8E9140	01FFF6F6	2FFF0000	0	00FFFFFF	00000000	00000000	0000000	13000000
P10	F6E6E450	01FFF6F6	0FFF0000	0	00FFFFFF	00000000	00000000	0000000	13000000

00049

SIGMA LOGIC SIMULATION, FML, CASE 0024									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	FDB9B914	01FFFFFF	0FFFFFFF	0	0FFFFFFF	00000000	00000000	00000000	13000000
P10	FF6E6E45	01FFFFFF	0FFFFFFF	0	0FFFFFFF	00000000	00000000	00000000	13000000
P11	FF6E6E45	01FFFFFF	0FFFFFFF	1	0FFFFFFF	FF1A9916	00FFFFFF	00000001	13000000
P12	FE89075C	00FFFFFF	0FFFFFFF	1	0FFFFFFF	00000000	00000000	FFFFFFF0	13FFFFFF
P13	53FFFFFF	00000000	0FFFFFFF	1	0FFFFFFF	00000000	00000000	00000000	13000000
P15	53FFFFFF	00000000	0FFFFFFF	1	0FFFFFFF	00000000	00000000	00000000	13000000

00050

SIGMA LOGIC SIMULATION, FML, CASE 0025									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	0002E4E0	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1F000000	00000000	0002E4E0	0	00000000	00000000	00000000	FF000000	00000000
P02	1F000000	00000000	0002E4E0	0	00000000	50FFFFFF	00FFFFFF	80000000	00000000
P03	0002E4E0	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	FE000000
P04	002E4E00	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	FB000000
P05	02E4E000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	FA000000
P05	2E4E0000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	F9000000
P05	E4E00000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	F8000000
P05	4E000000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	F7000000
P05	E0000000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	F6000000
P05	00000000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	F5000000
P05	00000000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	F4000000
P05	00000000	00000000	0002E4E0	0	00000000	00000000	00000000	00000000	F3000000
P05	00000000	00000000	0000B938	0	00000000	00000000	01000000	FFFFFFF0	F3FFFFFF
P09	00000000	00000000	00002E4F	0	00000000	00000000	00000000	00000000	F3000000
P10	00000000	00000000	00000293	0	00000000	00000000	00000000	00000000	F3000000
P10	00000000	00000000	000002E4	1	00000000	FFF5E0C5	01FFFFFF	00000000	F3000000
P10	FFF97B31	007FFFFFF	40000009	0	00000000	00000000	01000000	00000000	F3000000
P10	FFF01C8B	010FFFFFF	2000000E	0	00000000	FFF2F662	00FFFFFF	0004848	F3000000
P10	0002F690	01000000	6000000B	0	00000000	FFF2F662	00FFFFFF	FFF4445	F36FFFFFF
P10	000299F9	01060000	E0000002	1	00000000	FFF5E0C5	01FFFFFF	FFF96024	F37FFFFFF

00051

SIGMA LOGIC SIMULATION, FML, CASE 0025									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P10	00078601	01978000	00000000	1	00000000	00000990	01000000	FFFF6F4	F3FBFFFF
P10	FFFE9E5A	011B1FFF	00000000	0	00000000	00000990	01000000	0002C34A	F3C9C000
P10	FFFC5523	0134B7FF	70000000	0	00000000	FFF2F662	00FFFFFF	000745A0	F3848000
P10	000279BB	01D3F200	10000000	0	00000000	00000000	00000000	FFFB2A91	F35A58FF
P11	FFFDA44C	002F40FF	00000000	0	00000000	00000000	00000000	00000000	F3000000
P12	FFFDA44C	002F40FF	00000000	0	00000000	00000000	00000000	FFFFFFF	F3FFFFFF
P13	33D1B200	00000000	00000000	0	00000000	00000000	00000000	FF000000	F3000000
P15	CCD1B200	00000000	00000000	0	00000000	00000000	00000000	00000000	F3000000

00052

SIGMA LOGIC SIMULATION, FML, CASE 0026									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	0000438D	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	89000000	00000000	0000438D	0	00000000	00000000	00000000	FF000000	00000000
P02	76000000	01000000	0000438D	0	00000000	14000000	00000000	80000000	00000000
P03	00000000	00000000	0000438D	0	01000000	00003800	00000000	00000000	0A000000
P06	00038000	00000000	0000438D	0	01000000	00003800	00000000	00000000	09000000
P07	00380000	00000000	0000438D	0	01000000	00003800	00000000	00000000	08000000
P07	03800000	00000000	0000438D	0	01000000	00003800	00000000	00000000	07000000
P07	38000000	00000000	0000438D	0	01000000	00003800	00000000	00000000	06000000
P07	80000000	00000000	0000438D	0	01000000	00003800	00000000	00000000	05000000
P07	00000000	00000038	0000438D	0	01000000	00003800	00000000	00000000	04000000
P07	00000000	0000038D	0000438D	0	01000000	00003800	00000000	00000000	03000000
P07	00000000	00003800	0000438D	0	01000000	00003800	00000000	00000000	02000000
P07	00000000	00038000	0000438D	0	01000000	00003800	00000000	00000000	01000000
P07	00000000	00380000	0000438D	0	01000000	00003800	00000000	00000000	00000000
P07	00000000	00000000	000010E3	0	01000000	00000000	00380000	FFFFFFF	0FFFFFFF
P09	00000000	00000000	00000438	1	01000000	FFFFFFF	01C72FFF	00000000	00000000
P10	FFFFFFF	01F1CFFF	0000010E	0	00000000	00000000	00380000	00000000	00000000
P10	FFFFFFF	01F246FF	00000043	0	00000000	FFFFFFF	01C72FFF	00000000	00186000
P10	00000000	010B4240	00000010	1	00FC0000	FFFFFFF	018E5FFF	FFFFFFF	00E9337F
P10	00000000	011003B0	00000004	0	00FF0000	00000000	00380000	FFFFFFF	00C5A9BF

00053

SIGMA LOGIC SIMULATION, FML, CASE 0026

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P10	FFFFFFF	01F99C83	C0000001	0	00FFC000	FFFFFFF	01C72FFF	00000000	000CC4D8
P10	00000000	010C90E9	00000000	0	00FFFF00	00000000	00000000	FFFFFFF	00E6C66D
P10	3FFFFFFF	01FA96E1	C0000000	0	00FFFC00	FFFFFFF	01C72FFF	80000000	00024234
P10	90000000	010FFFFA	00000000	0	00FFFF00	00000000	00000000	FFFFFFF	00E1037A
P10	13FFFFFF	01F8BF6C	C0000000	0	00FFFC00	00000000	00000000	48000000	00008125
P10	56FFFFFF	01FECF92	C0000000	0	00FFFFFF	00000000	00000000	00000000	00004092
P10	158FFFFFF	01FFA300	C0000000	0	00FFFFFF	00000000	00000000	C0000000	00002049
P10	456FFFFFF	01FFE0E2	C0000000	0	00FFFFFF	00000000	00000000	00000000	0001020
P10	9158FFFF	01FFFC30	CC000000	0	00FFFFFF	00000000	00000000	00000000	00000010
P10	2456FFFF	01FFFF08	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000008
P10	09158FFF	01FFFFC0	CFC00000	0	00FFFFFF	00000000	00000000	00000000	00000004
P10	02456FFF	01FFFFF1	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	409158FF	01FFFFFC	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	102456FF	01FFFFF0	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	C409158F	01FFFFFF	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	F102456F	01FFFFFF	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FC40915B	01FFFFFF	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FF102456	01FFFFFF	CF000000	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FFC40915	01FFFFFF	8FFFFFF0	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FFF10245	01FFFFFF	7FFFFFF0	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FFFC4091	01FFFFFF	5FFFFFF0	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FFFF1024	01FFFFFF	5FFFFFF0	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FFFFC409	01FFFFFF	1FFFFFF0	0	00FFFFFF	00000000	00000000	00000000	00000000
P10	FFFFF102	01FFFFFF	4FFFFFF0	0	00FFFFFF	00000000	00000000	00000000	00000000
P11	FFFFF102	01FFFFFF	4FFFFFFF	1	00FFFFFF	00000000	0038D000	00000000	00000000
P12	FFFFF102	0038CFFF	4FFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	00FFFFFF
P13	40C73000	00000000	4FFFFFFF	1	00FFFFFF	00000000	00000000	FF000000	00000000
P15	5FC73000	00000000	4FFFFFFF	1	00FFFFFF	00000000	00000000	00000000	00000000

00054

SIGMA LOGIC SIMULATION, FML, CASE 0027

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	000009F2	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	60000000	00000000	000009F2	0	00000000	00000000	00000000	FF000000	00000000
P02	60000000	00000000	000009F2	0	00000000	16000000	00000000	80000000	00000000
P03	000009F2	00000000	000009F2	0	00000000	00000000	00000000	00000000	00000000
P04	000009F2	00000000	000009F2	0	00000000	00000000	00000000	00000000	00000000
P05	0009F200	00000000	000009F2	0	00000000	00000000	00000000	00000000	01000000
P05	009F2000	00000000	000009F2	0	00000000	00000000	00000000	00000000	00000000
P05	09F20000	00000000	000009F2	0	00000000	00000000	00000000	00000000	FF000000
P05	9F200000	00000000	000009F2	0	00000000	00000000	00000000	00000000	FF000000
P05	F2000000	00000009	000009F2	0	00000000	00000000	00000000	00000000	FF000000
P05	20000000	00000009	000009F2	0	00000000	00000000	00000000	00000000	FC000000
P05	00000000	000009F2	000009F2	0	00000000	00000000	00000000	00000000	FB000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	FA000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F9000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F8000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F7000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F6000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F5000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F4000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F3000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F2000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F1000000
P05	00000000	000009F0	000009F2	0	00000000	00000000	00000000	00000000	F0000000
P06	00000000	00000000	000009F2	0	00000000	00000000	00000000	00000000	F7000000
P07	00000000	00000000	000009F2	0	00000000	00000000	00000000	00000000	F6000000

00055

SIGMA LOGIC SIMULATION, FML, CASE 0027									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P07	006C6000	00000000	000009F2	0	00000000	000006C6	00000000	00000000	F5000000
P07	06C60000	00000000	000009F2	0	00000000	000006C6	00000000	00000000	F4000000
P07	6C600000	00000000	000009F2	0	00000000	000006C6	00000000	00000000	F3000000
P07	C6000000	00000000	000009F2	0	00000000	000006C6	00000000	00000000	F2000000
P07	60000000	00000000	000009F2	0	00000000	000006C6	00000000	00000000	F1000000
P07	00000000	000006C6	000009F2	0	00000000	000006C6	00000000	00000000	F0000000
P07	00000000	00006C60	000009F2	0	00000000	000006C6	00000000	00000000	EF000000
P07	00000000	006C6000	000009F2	0	00000000	000006C6	00000000	00000000	EE000000
P07	00000000	006C6000	000009F2	0	00000000	000006C6	00000000	00000000	Eh000000
P07	00000000	00000000	0000027C	0	00000000	00000000	006C6000	00000000	Eh000000
P09	00000000	00000000	0000009F	0	00000000	00000000	00D8C000	00000000	Eh000000
P10	00000000	00363000	00000027	1	00000000	00000000	00000000	00000000	Eh000000
P10	00000000	00008000	00000009	1	00000000	FFFFFFFF	01939FFF	00000000	Eh000000
P10	FFFFFFFF	01E784FF	C0000002	0	00000000	00000000	00000000	00000000	Eh000600
P10	FFFFFFFF	01F9D06F	C0000000	0	00000000	00000000	00D8C000	00000000	Eh004200
P10	FFFFFFFF	01C854AF	C0000000	0	00000000	00000000	00D8C000	00000000	Eh6C6000
P10	FFFFFFFF	01DF302B	C0000000	0	00000000	00000000	00000000	00000000	Eh642000
P11	00000000	00435D2C	00000000	0	00000000	00000000	00000000	00000000	Eh000000
P12	00000000	00435D2C	00000000	0	00000000	00000000	00000000	FFFFFFFF	EhFFFFFF
P13	2D435D2C	00000000	00000000	0	00000000	00000000	00000000	00000000	Eh000000

00056

SIGMA LOGIC SIMULATION, FML, CASE 0027									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	2D435D2C	00000000	00000000	0	00000000	00000000	00000000	00000000	Eh000000

00059

SIGMA LOGIC SIMULATION, FML, CASE 0029									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	B5631AF2	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	CC1FC7CF	00000000	B5631AF2	0	00000000	00000000	00000000	FF000000	00000000
P02	33000000	011FC7CF	B5631AF2	0	00000000	3C035A5A	00035A5A	80000000	00000000
P03	00000000	00000000	B5631AF2	0	011FC7CF	7FFFFFFF	01FCA5A5	00000000	EF000000
P06	FFFFFFFF0	01CA5A57	B5631AF2	0	011FC7CF	7FFFFFFF	01FCA5A5	00000000	EE000000
P07	00000000	00000000	2D58C6BC	0	011FC7CF	FFFFFFFF0	01CA5A57	00000000	EE000000
P09	00000000	00000000	0B5631AF	0	011FC7CF	FFFFFFFF0	0194B4AF	00000000	EE000000
P10	FFFFFFFF8	01E5202B	0ED58C6B	1	00C7F1F3	00000000	00000000	00000000	EF000000
P10	FFFFFFFFE	01F94B4A	CFB5631A	1	00F1FC7C	0000000F	0035A5A8	00000000	EE000000
P10	8FFFFFFFC	01F33B88	43FD58C6	1	00FC7F1F	00000000	00000000	00000007	EF188084
P10	2FFFFFFFE	01FAEECF	ECFB5631	1	00FF1FC7	0000000F	0035A5A8	00000002	EE080040
P10	CBFFFFFFC	01F1D2C9	FF3E858C	0	00FFC7F1	0000000F	0035A5A8	00000007	EE1C5264
P10	72FFFFFFD	01F60941	07CFB563	0	00FFF1FC	FFFFFFFF0	0194B4AF	00000007	EE1AE974
P10	A3400006	011E1526	81F3ED58	1	00FFFC7F	00000000	00000000	B97FFFFFFF	EECB54B2
P10	068FFFFFFD	01F55065	1C7CFB56	0	00FFFF1F	0000000F	0035A5A8	50A00001	EE050A11
P10	158BFFFC	01F17FF7	0F1F3ED5	0	00FFFFC7	FFFFFFFF0	01CA5A57	80400006	EE1A8010
P10	1A8D0002	0108696C	AFC7CFB5	0	00FFFFF1	FFFFFFFF0	0194B4AF	CAE5FFFA	EEFD2D28
P10	0BE5C006	011C7C3A	37F1F3ED	0	00FFFFFC	FFFFFFFF0	01CA5A57	ED76FFFF	EEC61697
P10	865B3001	0104003E	C1FC7CFB	0	00FFFFFF	FFFFFFFF0	01CA5A57	F7FBFFFF	EEE72F08
P10	A397C002	010A5F58	7C7F1F3E	1	00FFFFFF	FFFFFFFF0	01CA5A57	FBFDFFFF	EEE307CF
P10	29F57302	010RC000	9F1FC7CF	1	00FFFFFF	0000000F	0035A5A8	FDFFFFFF	EEF52F2F
P10	F506A33D	01F61291	6FC7F1F3	1	00FFFFFF	0000000F	0035A5A8	14F2B985	EE12D2D4
P10	787D06AD	01FA597B	EFF1FC7C	1	00FFFFFF	00000000	00000000	0A015084	EE184948
P10	DC9F158A	01FBC40C	EFFC7F1F	0	00FFFFFF	00000000	00000000	04008240	EE082444
P10	3627E572	01FCF82A	0FFF1FC7	1	00FFFFFF	FFFFFFFF0	01CA5A57	02000001	EE040202
P10	F2F606A0	010CA81F	0FFFC7F1	1	00FFFFFF	0000000F	0035A5A8	1813F2B0	EEE62001
P10	8A797D05	01F7C82D	FFFFFF1C	0	00FFFFFF	00000000	00000000	89090154	EE125684
P10	4CDC1F14	01F967AA	4FFFC7F1	0	00FFFFFF	FFFFFFFF0	0194B4AF	44048082	EE092002
P10	FDC9DR1D	01193CC1	FFFFFF1F	1	00FFFFFF	00000000	00000000	266E4FC0	EECC9255

00060

SIGMA LOGIC SIMULATION, FML, CASE 0029									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	36E9E5F7	01F568A5	6FFFFFFC7	1	00FFFFFF	0000000F	0035A5A8	92242400	EF040820
P10	6933707E	01F1318B	1FFFFFFF1	1	00FFFFFF	00000000	00000000	09101200	EF1A9400
P10	D808D89F	01FAE956	7FFFFFFFC	0	00FFFFFF	00000000	00000000	04880800	EF080840
P10	B7203427	01FCB845	9FFFFFFF0	0	00FFFFFF	FFFFFFFF0	0194B4AF	00C40400	EF040420
P10	9236F3F1	011BC232	FFFFFFFFF	0	00FFFFFF	00000000	00000000	DB921A10	EECA5A12
P10	12693A78	01F45608	4FFFFFFF0	0	00FFFFFF	00000000	00000000	49090900	FF050120
P11	5B724380	01F95711	8FFFFFFF1	1	00FFFFFF	0000000F	0035A5A8	00000000	FF000000
P12	5B724390	002EFCB9	8FFFFFFF1	1	00FFFFFF	00000000	00000000	FFFFFFFF	EEFFFFFF
P13	2E2EFCB9	00000000	8FFFFFFF1	1	00FFFFFF	00000000	00000000	00000000	EF000000
P15	2E2EFCB9	00000000	8FFFFFFF1	1	00FFFFFF	00000000	00000000	00000000	EE000000

00061

SIGMA LOGIC SIMULATOR, FML CASE 0030									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	E9D73A96	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	DAC269A5	00000000	E9D73A96	0	00000000	00000000	00000000	FF000000	00000000
P02	25000000	01C269A5	E9D73A96	0	00000000	384AE768	004AE768	80000000	00000000
P03	00000000	00000000	3A75CEA5	0	01C269A5	6BA40763	01B51894	00000000	DD000000
P09	00000000	00000000	0F9D73A9	0	01C269A5	D7480EC6	016A3128	00000000	DD000000
P10	35D203B1	01DA8C4A	87A75CEA	0	00F09A69	6BA40763	01B51894	00000000	DD000000
P10	979D8134	0118E537	A5E9D73A	0	00FC269A	6BA40763	01B51894	10000190	DDC80400
P10	FB3E61F1	01198F68	C97A75CE	0	00FF09A6	D7480EC6	016A3128	09C20093	DDCC820A
P10	896D18EB	012FC352	CA5E9D73	0	00FFC269	D7480EC6	016A3128	6DA50064	DD445914
P10	8CE00551	01386ADB	4697A75C	1	00FF09A6	D7480EC6	016A3128	66868570	DD972888
P10	CF47A398	01315CCE	A9A5F9D7	0	00FFC266	945BF89C	004AE768	637002AA	DD9D1444
P10	4E1B1663	01F9A8FC	8AE97A75	1	00FFFFC9	6BA40763	01B51894	63A9D150	DD0CAA27
P10	D185BC17	0110C653	069A5E9D	0	00FFFFC2	945BF89C	004AE768	35D483B1	DDDE555A
P10	9C02B0CE	01F1C018	89A697A7	0	00FFFFFF0	D7480EC6	016A3128	CAEADC4A	DD2D63AD
P10	60681890	012997E7	9269A5E9	1	00FFFFFFC	6BA40763	01B51894	6F254F67	DDBA9094
P10	D93A5465	010A07F9	309A697A	0	00FFFFFFF	945BF89C	004AE768	35920731	DDDAC84A
P10	1E3CEAF2	01E68436	2C269A5E	0	00FFFFFFF	D7480EC6	016A3128	CAAD2A10	DD256395
P10	C0FE7388	012A762A	8F09A697	0	00FFFFFFF	D7480EC6	016A3128	6F061563	DD83119A
P10	1E2C1A09	0130D5A6	2FC269A5	1	00FFFFFFF	D7480EC6	016A3128	63A7D9E3	DD951495
P10	EAB0C7CA	0130FFC6	AFF09A69	0	00FFFFFFF	945BF89C	004AE768	2B960563	DD9E0302
P10	D55F4E8D	01F9042F	0FFC269A	0	00FFFFFFF	D7480EC6	016A3128	554962E0	DD0D77A1
P10	95D788AB	012790A9	AFF09A66	0	00FFFFFFF	6BA40763	01B51894	EAA4A763	DDBA9A94
P10	4535CA2A	010984AA	8FFFC269	0	00FFFFFFF	D7480EC6	016A3128	75D243B1	DDDAC04A
P10	39EBE1D7	012E5F72	5FFFF09A	0	00FFFFFFF	D7480EC6	016A3128	2AA82551	DDA54215
P10	F102F290	013R4353	2FFFFC26	0	00FFFFFFF	6BA40763	01B51894	10F412E0	DD972918
P10	E10459C6	01069FB7	2FFFFFC9	0	00FFFFFFF	D7480EC6	016A3128	3CD20970	DDDA8488
P10	C293AF9C	012D8AC5	6FFFFFC2	0	00FFFFFFF	D7480EC6	016A3128	7AE804E0	DDA54A54
P10	5BCCE96E	0138B06E	5FFFFFC9	0	00FFFFFFF	6BA40763	01B51894	69640763	DD968522
P10	16433A53	0106C876	9FFFFFFC	0	00FFFFFFF	D7480EC6	016A3128	35F203B1	DDDA4F13
P10	7D3E40CB	012A0D3	0FFFFFFF	0	00FFFFFFF	00000000	00000000	0BA10560	DDA52419
P10	9DA7D228	01E2272	8FFFFFFF	1	00FFFFFFF	00000000	00000000	849002A0	DD129208

00062

SIGMA LOGIC SIMULATOR, FML CASE 0030									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	864DF423	01FC201F	0FFFFFFF	0	00FFFFFFF	945BF89C	004AE768	42400110	DD010100
P10	54158363	01E0F29D	0FFFFFFF	0	00FFFFFFF	00000000	00000000	4324F300	DD241285
P11	973A7574	00120522	1FFFFFFF	1	00FFFFFFF	00000000	00000000	00000000	DD000000
P12	973A7574	00120522	1FFFFFFF	1	00FFFFFFF	00000000	00000000	FFFFFFFF	DDFFFFFFFF
P13	10120522	00000000	1FFFFFFF	1	00FFFFFFF	00000000	00000000	00000000	DD000000
P15	10120522	00000000	1FFFFFFF	1	00FFFFFFF	00000000	00000000	00000000	DD000000

00063

SIGMA LOGIC SIMULATION, FML, CASE 0031									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	136AF5B2	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	160A59C9	00000000	136AF5B2	0	00000000	00000000	00000000	FF000000	00000000
P02	16000000	000A59C9	136AF5B2	0	00000000	44F82DDE	00F82DDE	80000000	00000000
P03	136AF5B2	000A59C9	136AF5B2	0	000A59C9	00000000	00000000	00000000	0A000000
P04	36AF5B20	00A59C91	136AF5B2	0	000A59C9	00000000	00000000	00000000	D9000000
P05	00000000	00000000	04DABD6C	0	000A59C9	AE1A4FE0	00F82DDE	00000000	D9000000
P09	00000000	00000000	0136AF5B	0	000A59C9	5C349FC0	01F058BD	00000000	D9000000
P10	570D27F0	007C16EF	044DABD6	1	00029672	00000000	00000000	00000000	D9000000
P10	D5C349FC	001FC58B	09136AF5	1	000A59C9	51E5B01F	0107D221	00000000	D9000000
P10	A109BE78	01C635E6	C244DABD	0	00002967	51E5B01F	0107D221	A8E0800F	D9038010
P10	D603239A	013099F5	4C9136AF	0	00000A59	5C349FC0	01F058BD	5CF0D80F	D983C810
P10	36B1D915	0190C296	77244DAB	1	00000296	AE1A4FE0	00F82DDE	AA184DC5	D9886CDA
P10	8CACF6CC	01EC20E4	19C9136A	1	00000CA5	51E5B01F	0107D221	570C26E2	D96C366F
P10	A291580C	0121F12A	667244DA	1	00000029	00000000	00000000	AAD65B67	D9861932
P10	0211C0DA	01E5FA06	E59C9136	1	0000000A	51E5B01F	0107D221	51482C02	D9100891
P10	80AF1731	013C882D	F967244D	1	00000002	51E5B01F	0107D221	ARA0D007	D982ED00
P10	1E7A9DC8	012F60C3	CA59C913	0	00000000	51E5B01F	0107D221	C052C80F	D9836410
P10	A3F37976	012AB8FC	72967244	1	00000000	5C349FC0	01F058BD	AR394C07	D9838200
P10	55FFAAAC	019657D0	70A59C91	0	00000000	51E5B01F	0107D221	5418AEA3	D9D1595E
P10	D40AD004	0110372F	10296724	0	00000000	AE1A4FE0	00F82DDE	2AFED557	D9CBA9A8
P10	54390DEC	01C8EED7	F0CA59C9	0	00000000	AE1A4FE0	00F82DDE	570066A2	D96C16D5
P10	2B4B892B	010735F7	B0C29672	0	00000000	00000000	00000000	AB0CA7F1	D974166B
P10	2011CBB6	01E8C8F7	E00CA59C	0	00000000	AE1A4FE0	00F82DDE	95844091	D92A0A31
P10	06E3F131	01CEB8C2	B0C02967	0	00000000	5C349FC0	01F058BD	D20825D4	D974047B
P10	2237D2CA	0192B901	6000CA59	1	00000000	00000000	00000000	AB105AE2	D9FA00FD
P10	2249E208	01DA203F	90C00296	0	00000000	51E5B01F	0107D221	91082964	D9490480
P10	88A91EDC	01253FE7	E0000CA5	0	00000000	5C349FC0	01F058BD	8AA4D006	D9A58210
P10	980E5446	019C39E2	80C00029	0	00000000	5C349FC0	01F058BD	CC524F61	D9D2805A
P10	42DA2139	01AFB8CD	300000CA	0	00000000	AE1A4FE0	00F82DDE	6FCB2FA1	D9E80CED

00064

SIGMA LOGIC SIMULATION, FML, CASE 0031									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	A0B2D05F	015FE6FF	00000002	0	00000000	AE1A4FE0	00F82DDE	870D17D0	D9741666
P10	EE69621B	01D8F761	A0000000	0	00000000	5C349FC0	01F058BD	530D20E0	D97E137F
P10	F854358C	0195AFL2	E0000000	0	00000000	5C349FC0	01F058BD	AF1695E4	D9FC299E
P10	C2D08FEA	01A6777A	30000000	0	00000000	00000000	00000000	7E0A4AE0	D9FA15DE
P11	40E7DACC	00A08059	30000000	0	00000000	00000000	00000000	00000000	D9000000
P12	40E7DACC	00A08059	30000000	0	00000000	00000000	00000000	FFFFFFF0	D9FFFFFF
P13	19A08D59	00000000	30000000	0	00000000	00000000	00000000	00000000	D9000000
P15	19A08D59	00000000	30000000	0	00000000	00000000	00000000	00000000	D9000000

00065

SIGMA LOGIC SIMULATION, FML, CASE 0032

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	370A99F6	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	26C9AAD5	00000000	370A99F6	0	00000000	00000000	00000000	FF000000	00000000
P02	26000000	00C9AAD5	370A99F6	0	00000000	36B897C4	00B897C4	80000000	00000000
P03	00000000	00000000	0CF6A679	0	00C9AAD5	04A766B3	00B897C4	00000000	00000000
P09	00000000	00000000	0370A99E	0	00C9AAD5	094EC066	01712F88	00000000	00000000
P10	0253B359	005C4PE2	84CF6A67	0	00326AB5	04A766B3	00B897C4	00000000	00000000
P10	818D357A	00393709	A537DA99	1	000C9AAD	094EC066	01712F88	00019100	000001F0
P10	623C9A45	00510658	054DF6A6	0	000326AB	F858994C	0147683B	0086CAB5	001C93C4
P10	E678E26F	0102BF69	10537CA9	0	0000C9AA	094EC066	01712F88	310E4020	002A812C
P10	778E0C8A	01A64473	F854DF6A	0	0000326A	094EC066	01712F88	10A766B3	00B15794
P10	DB99E9D7	01998F1B	FAD537DA	0	0000C9A	04A766B3	00B897C4	00C72651	00D8A3C8
P10	F5FE6A4D	01FF6FC5	7AB54DF6	0	00000326	094EC066	01712F88	0443B360	004C43F4
P10	7E3CC510	018CC0AA	BAAD537D	0	000000C9	094EC066	01712F88	02A775B0	00BE37F2
P10	1D755F70	019FF630	06AB54DF	0	00000032	094EC066	01712F88	05176290	00D81305
P10	444B3C23	018DE298	59AAD537	1	00000000	04A766B3	00B897C4	06ABA7B0	00FC9PC8
P10	D191FF4A	01F66FA5	526AB54D	1	00000003	F858994C	0147683B	02559350	005649E4
P10	8A273D57	0139C39E	FC9AAD53	0	00000000	00000000	00000000	E9A8C0A0	00A834D2
P10	18E3FC3C	01E480D3	0326AB54	1	00000000	094FC066	01712F88	44100A80	00148849
P10	956F40F6	01A04784	00C9AAD5	0	00000000	F858994C	0147683B	84216610	00BA54E4
P10	FAR5ACAA	01175FD6	50326AB5	0	00000000	04A766B3	00B897C4	4AB4AA6A	00D12252
P10	2D259B2C	010FBAD0	A00C9AAD	0	00000000	04A766B3	00B897C4	2552D350	00488868
P10	C394C932	010RL09F	80C326AB	0	00000000	04A766B3	00B897C4	1293E09A	006C4DE0
P10	F5402126	0107C0EE	D000C9AA	1	00000000	04A766B3	00B897C4	0158B5D0	007466E2
P10	302F3093	0102CF72	0000326A	1	00000000	F858994C	0147683B	02A192D0	007A6370
P10	B1758DC1	013FF10F	B000C9A	1	00000000	F858994C	0147683B	9D14CC60	00A13599
P10	35CF7638	01366323	50000326	1	00000000	F858994C	0147683B	00AA46A0	0093B890
P10	44AF2A74	0138AFF1	900000C9	1	00000000	F858994C	0147683B	FEF52110	0089B410
P10	D04CA60B	013D1CF1	B0000032	0	00000000	F858994C	0147683B	FF6695AA	0085D61C
P10	B51CAARB	013FERA5	70000000	0	00000000	094EC066	01712F88	FDA64A80	0082AE1C
P10	507D0856	01B31A4C	20000003	0	00000000	094FC066	01712F88	5E476550	0099D746
P10	81FD28DF	0196F8A0	E0000000	1	00000000	00000000	00000000	2C27AA6A	00D88FA6

00066

SIGMA LOGIC SIMULATION, FML, CASE 0032

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	A372A39C	01D39DC1	F0000000	0	00000000	F858994C	0147683B	00129740	00484450
P10	940E2AA5	01372C6A	30000000	0	00000000	00000000	00000000	D5A948A0	00A1A628
P11	69B7734B	01D8D293	70000000	0	00000000	04A766B3	00B897C4	00000000	00000000
P12	6E5ED9FE	00916A57	70000000	0	00000000	00000000	00000000	FFFFFFFF	00FFFFFFFF
P13	1C916A57	00000000	70000000	0	00000000	00000000	00000000	00000000	00000000
P15	1C916A57	00000000	70000000	0	00000000	00000000	00000000	00000000	00000000

00067

SIGMA LOGIC SIMULATION, FML, CASE 0033									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	8508753F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	5A0DC619	00000000	8508753F	0	00000000	00000000	00000000	FF000000	00000000
P02	5A000000	000DC619	8508753F	0	00000000	20ADD84E	00ADD84E	80000000	00000000
P03	8508753F	000DC619	8508753F	0	000DC619	00000000	00000000	00000000	FA000000
P04	508753F0	00DC6198	8508753F	0	000DC619	00000000	00000000	00000000	F9000000
P05	00000000	00000000	21421D4F	1	000DC619	4A1FEA60	00ADD84E	00000000	F9000000
P09	00000000	00000000	08508753	1	000DC619	B5E0159F	015227B1	00000000	F9000000
P10	60780567	010489EC	C6142104	1	00037186	00000000	00000000	00000000	F9000000
P10	1B5E0159	01F5227B	C9850875	0	0000DC61	00000000	00000000	00000000	F9000000
P10	C6078056	01F0489E	4661421D	0	00003718	4A1FEA60	00ADD84E	00000000	F9000000
P10	23321A8D	01042434	A1985087	0	0000DC61	4A1FEA60	00ADD84E	210BC020	F956A407
P10	52098C33	01C8D61F	68661421	1	00000371	4A1FEA60	00ADD84E	110DE510	F96A5203
P10	8266E0D0	01C31714	D6198508	0	000000DC	B5E0159F	015227B1	A906F618	F975E907
P10	A7A000D5	01393668	F1866142	0	00000037	943FD4C0	015BB09C	DCB37A4C	F9A9938A
P10	B8CB2B96	01B2C55F	4C619850	0	0000000D	00000000	00000000	4A59A862	F99C0944
P10	FCA4ACFD	01CB8706	27186614	0	00000003	943FD4C0	015BB09C	04249401	F94860A2
P10	1B2FF80F	01B615CE	0DC61985	0	00000000	00000000	00000000	4A124A6	F9A5D043
P10	544F6C9B	0104F163	E3718661	0	00000000	00000000	00000000	05012400	F9520821
P10	94539226	01E5BF50	F0CC6198	0	00000000	4A1FEA60	00ADD84E	82009200	F9200010
P10	97133A91	01DA1983	B0371866	0	00000000	4A1FEA60	00ADD84E	4109C910	F952CC28
P10	67014678	01C94379	60CC6198	0	00000000	00000000	00000000	2100F500	F96D6C05
P10	11A32CDC	01E908DF	10037186	0	00000000	943FD4C0	015BB09C	9000CA20	F924A000
P10	C5471686	01A58A00	0000DC61	0	00000000	4A1FEA60	00ADD84E	4851D260	F984D04E
P10	31C248A1	01EF27B4	00003718	0	00000000	943FD4C0	015BB09C	242BE930	F952E877
P10	E0759094	01B99FC3	0000DC61	0	00000000	4A1FEA60	00ADD84E	1A15F4D0	F9A0D05A
P10	EC1FE4C9	01EE65B5	20000371	0	00000000	00000000	00000000	250AF660	F956EC25
P10	324544A8	01EE2264	400000DC	0	00000000	943FD4C0	015BB09C	92057220	F9233212
P10	8D1FF893	01A5A83A	10000037	0	00000000	4A1FEA60	00ADD84E	4902AA50	F9B5990A
P10	A38CAE28	01EF7A5F	0000000D	1	00000000	00000000	00000000	248FF520	F952CC05

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SIGMA LOGIC SIMULATION, FML, CASE 0033									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P10	A1C3D6C0	01EF6796	30000003	0	00000000	B5E0159F	015227B1	90405214	F9212402
P10	6118E452	01271089	00000000	1	00000000	943FD4C0	015BB09C	58E02940	F98192C9
P10	2B71C6F6	01B34F77	00000000	0	00000000	B5E0159F	015227B1	A81C7220	F999C944
P10	8DA36852	011E2720	10000000	0	00000000	00000000	00000000	D4882B50	F9C9A78A
P11	625B93AD	01E7CFDB	00000000	0	00000000	4A1FEA60	00ADD84E	00000000	F9000000
P12	AC7B7E0D	0095A829	00000000	0	00000000	00000000	00000000	FFFFFFFF	F9FFFFFF
P13	3995A829	00000000	00000000	0	00000000	00000000	00000000	00000000	F9000000
P15	3995A829	00000000	00000000	0	00000000	00000000	00000000	00000000	F9000000

00069

SIGMA LOGIC SIMULATION, FML, CASE 0034									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	4C798B51	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	43043218	00000000	4C798B51	0	00000000	00000000	00000000	FF000000	00000000
P02	43000000	00043218	4C798B51	0	00000000	2B5FA631	005FA631	80000000	00000000
P03	4C798B51	00043218	4C798B51	0	00043218	00000000	00000000	00000000	EF000000
P04	C798B510	00432184	4C798B51	0	00043218	00000000	00000000	00000000	ED000000
P05	00000000	00000000	131E62D4	0	00043218	5DAB9C62	005FA631	00000000	ED000000
P09	00000000	00000000	04C798B5	0	00043218	5DAB9C62	005FA631	00000000	ED000000
P10	576AE718	0017E98C	8131E62D	0	00010C86	00000000	00000000	00000000	ED000000
P10	15DAB9C6	0005FA63	284C798B	0	00004321	5DAB9C62	005FA631	00000000	ED000000
P10	921C4969	00169714	06131E62	1	000010C8	5DAB9C62	005FA631	8AC54C21	ED020110
P10	515CA64A	0012F8CD	8184C798	1	00000432	A254639D	01A059CE	4D46A630	ED084B88
P10	EF9398F9	01EF7A92	C86131E6	0	0000010C	A254639D	01A059CE	20AA530C	ED012CC6
P10	9B5B6A1A	0113C3E6	12184C79	0	00000043	5DAB9C62	005FA631	514929CF	EDD03C63
P10	25EE77ED	01E7166D	8C86131E	0	00000010	BB5738C4	00BF4C62	ACA59425	ED29D331
P10	8C8736C3	01DC624F	332184C7	0	00000004	5DAB9C62	005FA631	D6F39A70	ED57AB30
P10	81F7CC34	01F51D03	E0C86131	1	00000001	BB5738C4	00BF4C62	EE51CF31	ED2FD118
P10	753C4EFC	01D961AA	7432184C	0	00000000	A254639D	01A059CE	55ABF61A	ED5FACA9
P10	60B0F2DD	0109A533	D10C8613	0	00000000	BB5738C4	00BF4C62	3A9E334C	EDECBA05
P10	385E7E55	01D69761	40432184	1	00000000	00000000	00000000	9D4B1966	ED56D239
P10	29A559CC	01E01156	E010C861	0	00000000	A254639D	01A059CE	8C250C22	ED2B4910
P10	01CD009C	011AC062	F0043218	0	00000000	5DAB9C62	005FA631	5422A4C6	EDD02CAB
P10	02110C4E	01E552BE	00010C86	0	00000000	5DAB9C62	005FA631	AA05C663	ED2D5211
P10	BD5BD503	01E5E9A7	D0C04321	0	00000000	00000000	00000000	8548C631	ED36A918
P10	CE04C4F8	01F4D02F	800010C8	0	00000000	BB5738C4	00BF4C62	42A46203	ED1254A0
P10	4DFDE78D	01D67233	00000432	0	00000000	5DAB9C62	005FA631	65023264	ED5B2A11
P10	D05512E2	01F4BF84	D0C0010C	0	00000000	00000000	00000000	A6D5DA37	ED2F911A
P10	1EE03234	01F6CBA7	30000043	0	00000000	BB5738C4	00BF4C62	422A8911	ED124880
P10	79E760F8	01D6F3D1	40000010	1	00000000	00000000	00000000	0D311C0A	ED562451
P10	1D359F3C	01E375E0	90000004	0	00000000	A254639D	01A059CE	84908004	ED291028

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SIGMA LOGIC SIMULATION, FML, CASE 0034									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P10	8EFC5F29	011ABF01	60000001	0	00000000	5DAB9C62	005FA631	420A4180	EDD0A8F4
P10	245760B1	01E56071	60000000	0	00000000	00000000	00000000	A7552E90	ED2D5718
P10	60C09389	01F207DA	10000000	0	00000000	5DAB9C62	005FA631	122A9240	ED12A008
P10	CB0067E8	01FFC2F8	E0000000	0	00000000	00000000	00000000	28554324	ED29520C
P11	F425B00C	00191504	E0000000	0	00000000	00000000	00000000	00000000	ED000000
P12	F425B00C	00191504	E0000000	0	00000000	00000000	00000000	FFFFFFFF	EDFFFFFFFF
P13	20191504	00000000	E0000000	0	00000000	00000000	00000000	00000000	ED000000
P15	20191504	00000000	E0000000	0	00000000	00000000	00000000	00000000	ED000000

00071

SIGMA LOGIC SIMULATION, FML, CASE 0035									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	E48DDF82	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	3B667A40	00000000	E48DDF82	0	00000000	00000000	00000000	FF000000	00000000
P02	3B000000	00667A40	E48DDF82	0	00000000	1966528C	0066528C	80000000	00000000
P03	00000000	00000000	392377E0	0	00667A40	916CDA5	0199AD73	FFFFFFFF	D4FFFFFF
P09	00000000	00000000	0E48DDF8	0	00667A40	DD265FB5	00CCA518	00000000	D4000000
P10	374997AD	00332946	4392377E	0	00199E90	00000000	00000000	00000000	D4000000
P10	8DD265EB	0000CA51	60F48DDF	0	000667A4	00000000	00000000	00000000	D4000000
P10	6374997A	00033294	D0392377	1	000199E9	DD265EB5	00CCA518	00000000	D4000000
P10	2F94B1F3	0033FE53	F40E48DD	1	0000667A	916CDA5	0199AD73	20920C18	D4001008
P10	279A9853	01E9A26	80C39237	0	0000199E	00000000	00000000	90CA4858	D4008DB1
P10	EDD434C2	01F89125	DA40E48D	1	00000667	DD265FB5	00CCA518	00450420	D4044910
P10	4C2DD997	01CC1F4B	CE903923	0	00000199	916CDA5	0199AD73	66A20A50	D4664088
P10	2EF8CC58	010CFCAC	97A40E48	1	00000066	DD265EB5	00CCA518	A216604A	D4E606A5
P10	54723CE9	01C997C4	D9E9C392	0	00000019	916CDA5	0199AD73	571B2620	D4665256
P10	64817298	010D9A38	167A40E4	0	00000006	6E932F5A	0066528C	2ABD1A54	D4E4CBA8
P10	C82BD1E5	01F300C7	399E9039	0	00000001	DD265EB5	00CCA518	37489020	D4326054
P10	C891449F	01C74222	5667A40E	0	00000000	00000000	00000000	6E956FD0	D47172AA
P10	29810A93	01E80C22	4199E903	0	00000000	6E932F5A	0066528C	2448A249	D420A111
P10	D8D6A1E0	01EADFEF	20667A40	1	00000000	DD265FB5	00CCA518	16409520	D4324000
P10	C4EC1A9E	01C50CFD	30199E90	0	00000000	916CDA5	0199AD73	6F234AD0	D4756284
P10	8EF8E03A	01CA7052	700667A4	0	00000000	6E932F5A	0066528C	E2362043	D4EA975A
P10	0093788A	01E1A061	D00199E9	0	00000000	00000000	00000000	775916A0	D4352970
P10	1DF29889	01F52113	C000667A	0	00000000	00000000	00000000	80088440	D4109490
P10	E77E84F3	01F96060	4000199E	0	00000000	6E932F5A	0066528C	00004400	D4080008
P10	227B75EA	01E5CFF9	60000667	0	00000000	DD265EB5	00CCA518	33090220	D4342004
P10	731509DD	01C750E9	A0000199	1	00000000	DD265EB5	00CCA518	1995AD54	D472528C
P10	60E98E8F	01FE694B	10000066	0	00000000	916CDA5	0199AD73	2C8A86E0	D463294C
P10	3403FA30	0109385D	00000019	0	00000000	DD265EB5	00CCA518	96F44857	D4FD94A5
P10	1FF47BF4	01CA0PE8	80000066	0	00000000	DD265EB5	00CCA518	CA13201A	D466DA8E
P10	82304216	01D81F4B	D0000001	0	00000000	6E932F5A	0066528C	6F9B3FDA	D467414C
P10	E0CF14A5	01F64322	90000000	0	00000000	DD265EB5	00CCA518	374997A0	D43329A6

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SIGMA LOGIC SIMULATION, FML, CASE 0035									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	02A8774F	01C273E7	40000000	0	00000000	6E932F5A	0066528C	7AA70050	D4781091
P10	85A71409	01F70C7E	D0000000	0	00000000	00000000	00000000	E55197A0	D4312942
P11	3AF8AC87	0028F5C1	50000000	0	00000000	00000000	00000000	00000000	D4000000
P12	3AF8AC87	0028F5C1	50000000	0	00000000	00000000	00000000	FFFFFFFF	D4FFFFFF
P13	14D70A3E	00000000	50000000	0	00000000	00000000	00000000	FF000000	D4000000
P15	EBD70A3E	00000000	50000000	0	00000000	00000000	00000000	00000000	D4000000

00073

SIGMA LOGIC SIMULATION, FML, CASE 0036									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	BF6125A3	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	53AEF1A4	00000000	BF6125A3	0	00000000	00000000	00000000	FF000000	00000000
P02	53000000	00AEF1A4	BF6125A3	0	00000000	0CA87FA7	0CA87FA7	80000000	00000000
P03	00000000	00000000	2FD84968	1	00AEF1A4	81234034	01578058	FFFFFFFF	FFFFFFFF
P09	00000000	00000000	0BF6125A	0	00AEF1A4	81234034	01578058	00000000	DF000000
P10	2048D00D	0105F016	02FD8496	0	002B8C69	7EDCBFCB	00A87FA7	00000000	DF000000
P10	57A518F1	01DF67EC	84BF6125	0	000AEF1A	FDB97F97	0150FF4E	10244804	DF403003
P10	6E8E0B18	01B3EA28	992FDR49	0	0002B8C6	FDB97F97	0150FF4E	2AD2A0CA	DF4838A7
P10	6E797651	0192CB80	6A4BF612	0	0000AEF1	7EDCBFCB	00A87FA7	374D1700	DFD87D97
P10	09FA3795	01F8B260	F692FD84	0	00002B8C	7EDCBFCB	00A87FA7	8F2E98E4	DF4C3FDB
P10	320204EE	01C73C87	A1A4BF61	0	00000AEF	FDB97F97	0150FF4E	9FFF5FE2	DF741FF1
P10	14110926	0188F70E	EC692FD8	0	000002B8	00000000	00000000	DFDDAFF3	DFAA1FE3
P10	72F32985	01C4BA38	5F1A4BF6	0	000000AE	7EDCBFCB	00A87FA7	0A088491	DF540B81
P10	4189C48B	01CE3387	EBC692FD	0	0000002B	00000000	00000000	BD6C56C9	DF621DD1
P10	BF39649C	01EB0B95	EEF1A43F	0	0000000A	FDB97F97	0150FF4E	80842244	DF2108C0
P10	F0810E53	01A6BF06	C88C692F	1	00000002	7EDCBFCB	00A87FA7	5EDCB34A	DF8085E2
P10	F4P040B4	01EF9150	9AEF1A4B	1	00000000	81234034	01578058	3F6E5FA5	DF505F03
P10	D29B57C9	013A13B6	62B8C692	1	00000000	00000000	00000000	5A91205A	DF48C8A8
P10	A20290E4	01E476C7	EQAEF1A4	1	00000000	00000000	00000000	29488024	DF1500C0
P10	E2028770	01FC5DA5	302B8C69	0	00000000	81234034	01578058	10004010	DF0200E0
P10	50FC6105	012A7777	80CAEF1A	0	00000000	7EDCBFCB	00A87FA7	40012018	DF430010
P10	18887F81	01CA4230	A002B8C6	0	00000000	7EDCBFCB	00A87FA7	AF6E1F00	DF553898
P10	320EB429	01C0C183	9000AEF1	0	00000000	FDB97F97	0150FF4E	9F661FE4	DF643DD9
P10	14347516	01BF40C5	A0002B8C	0	00000000	FDB97F97	0150FF4E	DF971FDB	DF427FE5
P10	8DA68554	0193305H	E0000AEF	0	00000000	7EDCBFCB	00A87FA7	EEDABFC0	DFD93F62
P10	87602155	01F89C27	100002B8	1	00000000	00000000	00000000	F7655FE5	DF4C9FB1
P10	9C03DFAC	01E000E5	000000AE	1	00000000	81234034	01578058	C38000A2	DF244FE0
P10	77A427CE	0127B3AB	B0C00C2E	1	00000000	00000000	00000000	4091A750	DFB28028
P10	CD0D61E7	01E54CE0	20C0000A	1	00000000	81234034	01578058	20401021	DF114014
P10	1B2B8C7C	0128E32B	80C00002	1	00000000	00000000	00000000	40A0AC10	DFAAA028
P10	D6E2CB1B	01E090C0	80000000	1	00000000	81234034	01578058	00104000	DF145014

00074

SIGMA LOGIC SIMULATION, FML, CASE 0036									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	15F472C9	0128D023	F0000000	0	00000000	81234034	01578058	40112000	DFAA4828
P10	F53184BC	01354614	70000000	0	00000000	00000000	00000000	00988006	DF956014
P11	F5CA34C2	01CAA628	70000000	0	00000000	7EDCBFCB	00A87FA7	00000000	DF000000
P12	74A6F48E	007325D0	70000000	0	00000000	00000000	00000000	FFFFFFFF	FFFFFFFF
P13	1FRCDAPF	00000000	70000000	0	00000000	00000000	00000000	FF000000	DF000000
P15	E0RCDAPF	00000000	70000000	0	00000000	00000000	00000000	00000000	DF000000

00075

SIGMA LOGIC SIMULATION, FML, CASE 0037									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	E9D369A7	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PO1	DBC25A96	00000000	E9D369A7	0	00000000	00000000	00000000	FFF00000	00000000
PO2	24000000	01C25A96	E9D369A7	0	00000000	364EB87A	004EB87A	80000000	00000000
PO3	00000000	00000000	3A74DA69	1	01C25A96	B6A03674	01B14785	00000000	DA000000
PO9	00000000	00000000	0E9D369A	0	01C25A96	495FC988	004EB87A	00000000	DA000000
P10	9257F262	0013AF1E	CBA74DA6	0	00F096A5	6D406CE8	01628F0B	00000000	DA000000
P10	7FC5E7A2	010C4845	86E9D369	0	00FC25A9	6D406CE8	01628F0B	00203030	DA014705
P10	C4A96EAE	012FE012	B5BA74CA	0	00FF096A	6D406CE8	01628F0B	B6A03250	DA002782
P10	C7D24C19	013B5226	A96E9D36	0	00FFC25A	B6A03674	01B14785	72503760	DA915381
P10	80C89340	0106D188	6A5BA74D	0	00FFFF06	6D406CE8	01628F0B	FB681B30	DA08A9C2
P10	45B83925	012F30D0	9A96E9D3	0	00FFFFC25	6D406CE8	01628F0B	74A400B4	DA0144C5
P10	9717161E	013B3D87	66A5BA74	1	00FFFFFF09	B6A03674	01B14785	B2D016D0	DA9186E0
P10	A4D9CDAE	0106FF38	15A96E9D	0	00FFFFFFC2	495FC988	004EB87A	DB480B20	DA0883C2
P10	0DB983C3	01E43120	896A5BA7	0	00FFFFFFF0	B6A03674	01B14785	64ACE4D0	DA2750B0
P10	37EFD458	011C8AC6	925A96E9	1	00FFFFFFFC	B6A03674	01B14785	9250536A	DA02AAD2
P10	44C7EC51	011FD9E4	9096A5BA	0	00FFFFFFF	495FC988	004EB87A	5B70293C	DA084563
P10	55BAC399	01F6493F	BC25A96E	0	00FFFFFFF	6D406CE8	01628F0B	24ABF480	DA276CB1
P10	471466F7	0128EAA1	5FC96A5B	0	00FFFFFFF	6D406CE8	01628F0B	B2D53254	DA03269D
P10	E6204E12	013E5CCD	EFC25A96	1	00FFFFFFF	6D406CE8	01628F0B	B3AA337A	DA915744
P10	8E32846C	01336220	3FF096A5	1	00FFFFFFF	495FC988	004EB87A	F3903730	DA9928A6
P10	0D3F5E05	01F93C7F	8FFC25A9	0	00FFFFFFF	495FC988	004EB87A	65894294	DA009511
P10	087A756A	01EE8445	9FFF096A	0	00FFFFFFF	6D406CE8	01628F0B	A68FA54A	DA26DE3D
P10	F0ED6F32	012AB55C	2FFFC25A	0	00FFFFFFF	B6A03674	01E14785	962532B5	DA034706
P10	F41A1AFC	010A2077	0FFFF096	0	00FFFFFFF	6D406CE8	01628F0B	5B52931A	DA09A382
P10	B0323843	012C407F	BFFFFC25	0	00FFFFFFF	6D406CE8	01628F0B	BEA9007C	DA055781
P10	58DAD685	013AE63D	FFFFFFC9	0	00FFFFFFF	6D406CE8	01628F0B	DE4016B4	DA922385
P10	FAF6A83A	013297AC	7FFFFFFC2	0	00FFFFFFF	B6A03674	01B14785	AE20295A	DA995386
P10	F89DAD85	0106A1AB	1FFFFFFC0	0	00FFFFFFF	B6A03674	01B14785	5F5C15B0	DA08A9C2
P10	045B4393	011BD7FB	0FFFFFFFC	0	00FFFFFFF	6D406CE8	01628F0B	FF481ADA	DA0850C1
P10	6594C568	012C430C	6FFFFFFF	0	00FFFFFFF	00000000	00000000	B6A43560	DA0569F5
P10	74CC3C01	01F24ABA	5FFFFFFF	1	00FFFFFFF	00000000	00000000	124202B4	DA122082

00076

SIGMA LOGIC SIMULATION, FML, CASE 0037									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	19A38FAD	01FC1A8E	5FFFFFFF	0	00FFFFFFF	495FC988	004EB87A	08200000	DA010041
P10	56371189	01ECEPAD	9FFFFFFF	0	00FFFFFFF	00000000	00000000	0491C4C0	DA260C25
P11	5AC8D64E	0012F402	5FFFFFFF	1	00FFFFFFF	00000000	00000000	00000000	DA000000
P12	5AC8D64E	0012F4D2	5FFFFFFF	1	00FFFFFFF	00000000	00000000	FFFFFFF0	DAFFFFFF
P13	1A12F4D2	00000000	5FFFFFFF	1	00FFFFFFF	00000000	00000000	00000000	DA000000
P15	1A12F4D2	00000000	5FFFFFFF	1	00FFFFFFF	00000000	00000000	00000000	DA000000

00077

SIGMA LOGIC SIMULATION, FML, CASE 0038									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	3708F585	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1C0596DA	00000000	3708F585	0	00000000	00000000	00000000	FF000000	00000000
P02	1C000000	000596DA	3708F585	0	00000000	4DF2E8D8	00F2E8D8	80000000	00000000
P03	3708F585	000596DA	3708F585	0	000596DA	00000000	00000000	00000000	E9000000
P04	708F5850	00596DA3	3708F585	0	000596DA	00000000	00000000	00000000	E8000000
P05	00000000	00000000	0DC23D61	0	000596DA	6E140AFA	00F2E8D8	00000000	E8000000
P09	00000000	00000000	03708F58	0	000596DA	6E140AFA	00F2E8D8	00000000	E8000000
P10	1B8502BE	003C8A36	88DC23D6	0	000165B6	6E140AFA	00F2E8D8	00000000	E8000000
P10	9D644211	003394BB	2A3708F5	0	0000596D	00000000	00000000	05020150	E8185408
P10	E61990D3	000AF02C	068DC23D	0	0000165B	DC2815F4	01E5D1B0	02800000	E8080A0A
P10	0E2C614B	0079CAE6	EDA3708F	0	00000596	6E140AFA	00F2E8D8	63040860	E8046812
P10	00CF18F6	0023D288	7868DC23	1	00000165	6E140AFA	00F2E8D8	37020435	E8387469
P10	9676458E	003A538E	56DA3708	1	00000059	91EBF505	010D1727	93030470	E8197864
P10	6527AD3C	01C8F33	15B68DC2	0	00000016	00000000	00000000	4981A287	E80CA993
P10	0B2583EE	01F1C9A8	F96DA370	0	00000005	6E140AFA	00F2E8D8	A090D002	E8044489
P10	71685645	01C1D97E	865B68DC	0	00000001	DC2815F4	01E5D1B0	150A4170	E8786444
P10	AE1280B1	01971822	2596DA37	0	00000000	00000000	00000000	2A942ABA	E8F0E8BA
P10	2121AA82	01D9FCE6	E165B68D	1	00000000	00000000	00000000	15080050	E8480411
P10	CD0A6AB6	01E47E3D	80596DA3	0	00000000	91EBF505	010D1727	00800000	E8240200
P10	971867EC	01335AC6	EC165B68	1	00000000	DC2815F4	01E5D1B0	CC53000	E8920B12
P10	22FD5C36	01912019	80C596DA	0	00000000	91EBF505	01CD1727	6A041AF0	E8D9ADC9
P10	F644AFDC	011166BD	70C165B6	0	00000000	6E140AFA	00F2E8D8	9176A840	E8CC928A
P10	42498359	01C8C738	60C0596D	0	00000000	DC2815F4	01E5D1B0	7B2A5560	E868714E
P10	B952F0F0	019199F1	10C0165B	0	00000000	DC2815F4	01E5D1B0	2D140ABE	E8FAE89C
P10	5218BBEE	01A02837	A0C00596	1	00000000	6E140AFA	00F2E8D8	5E88087A	E8FAECD8
P10	08A1EE5B	01FA090D	A0C00165	1	00000000	91EBF505	010D1727	2F0C0570	E879746C
P10	99918788	01279A11	E0C00059	0	00000000	91EBF505	010D1727	CC04F2AF	E8B48B96
P10	312BA008	012781A8	E0C00016	0	00000000	DC2815F4	01E5D1B0	CCE8FBC0	E892CD88
P10	C87AD38E	01942764	90000005	0	00000000	6E140AFA	00F2E8D8	6F145RE0	E8D3E0D4

00078

SIGMA LOGIC SIMULATION, FML, CASE 0038									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	321EAC65	01ED48DA	80000001	0	00000000	DC2815F4	01E5D1B0	370A2070	E869706A
P10	364F2639	01987A80	20000000	0	00000000	6E140AFA	00F2E8D8	1B0512BA	E8F6A8FD
P10	50D78F9F	01E70EA9	60C00000	0	00000000	6E140AFA	00F2E8D8	1F028150	E879746C
P10	4870410E	01D82487	50C00000	0	00000000	00000000	00000000	2F0B43EF	E879B674
P11	777B86FD	0054DAFB	50C00000	0	00000000	00000000	00000000	00000000	E8000000
P12	777B86FD	0054DAFB	50C00000	0	00000000	00000000	00000000	FFFFFFFF	E8FFFFFF
P13	2854DAFB	00000000	50C00000	0	00000000	00000000	00000000	00000000	E8000000
P15	2854DAFB	00000000	50C00000	0	00000000	00000000	00000000	00000000	E8000000

00079

SIGMA LOGIC SIMULATION, FML, CASE 0039

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	DFA08A94	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	13048243	00000000	DFA08A94	0	00000000	00000000	00000000	FF000000	00000000
P02	13000000	00048243	DFA08A94	0	00000000	5A90CDE4	0090CDE4	80000000	00000000
P03	DFA08A94	00048243	DFA08A94	0	00048243	00000000	00000000	00000000	ED000000
P04	FA08A940	0048243D	DFA08A94	0	00048243	00000000	00000000	00000000	EC000000
P05	00000000	00000000	37E822A5	0	00048243	9ACB652D	016F321B	FFFFFFF	ECFFFFFF
P09	00000000	00000000	0DFA08A9	0	00048243	00000000	00000000	00000000	EC000000
P10	00000000	00000000	0F7E822A	0	00012090	65349AD2	0090CDE4	00000000	EC000000
P10	194D26B4	00243379	83DFAC8A	0	00004824	65349AD2	0090CDE4	00000000	EC000000
P10	5F1E6F19	00203FA7	80F7E822	0	00001209	CA6935A5	01219BC8	00820148	EC000000
P10	E57D56FD	00432937	343DFA08	0	00000482	CA6935A5	01219BC8	25051284	EC1080D0
P10	C2845C77	005C8FCB	390F7E82	0	00000120	CA6935A5	01219BC8	72868858	EC00C4E8
P10	DE96F8A0	005F743A	3243DFA0	0	00000048	00000000	00000000	61520EB0	EC0047E4
P10	AFF13D86	0017CCF7	FC90F7E8	0	00000012	CA6935A5	01219BC8	20090450	EC002210
P10	D164431C	0040904B	F8243DFA	0	00000004	00000000	00000000	55349AC0	EC00C568
P10	E1143677	00135608	82090F7E	0	00000001	00000000	00000000	28920100	EC0042A4
P10	32618DDD	0004C52B	F48243DF	0	00000000	CA6935A5	01219BC8	10080000	EC002100
P10	FA002E1F	00495FF8	312090F7	1	00000000	CA6935A5	01219BC8	09348200	EC004084
P10	0E57665E	005A212D	7048243D	1	00000000	9ACB652D	016F321B	65101348	EC00ADE4
P10	BC63C40C	01C06FB4	2012090F	0	00000000	00000000	00000000	8729B3A7	EC251096
P10	8ED2ACFA	01FA1FC8	E0048243	1	00000000	CA6935A5	01219BC8	42108000	EC028004
P10	81AAC613	01864112	70012090	1	00000000	9ACB652D	016F321B	652852D0	EC914DF4
P10	5F927C7B	01120FBB	F0004824	0	00000000	00000000	00000000	40052308	ECDBA089
P10	87D1D7DC	01F26RCC	D0001209	0	00000000	65349AD2	0090CDE4	AC481004	EC090C44
P10	10AB5742	01DAE99B	8000C482	0	00000000	00000000	00000000	52A84964	EC4824E2
P10	5080C78A	01E4R95E	00000120	0	00000000	65349AD2	0090CDE4	085420A1	FC241041
P10	CF781F7E	01D418BE	50000048	0	00000000	CA6935A5	01219BC8	200A4141	EC5248A2
P10	0946DAF6	C1A9F235	AC000012	0	00000000	00000000	00000000	65340AB0	ECA80D05
P10	1B1CB415	01C07FF8	10000004	0	00000000	00000000	00000000	80820551	EC54000A

00080

SIGMA LOGIC SIMULATION, FML, CASE 0039

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	A6E7AC51	01E51FFC	10000001	0	00000000	CA6935A5	01219BC8	00000000	EC200004
P10	1B23A6FF	0159210C	70000000	0	00000000	00000000	00000000	4130920	FC908DE6
P10	9684CD3F	01CA693A	F0000000	0	00000000	65349AD2	0090CDE4	0090CDE4	FC480082
P10	3CC8058B	01C4A997	70000000	0	00000000	00000000	00000000	024A6480	EC642401
P11	3F126A44	0028CF68	B0000000	0	00000000	00000000	00000000	00000000	EC000000
P12	3F126A44	0028CF68	B0000000	0	00000000	00000000	00000000	FFFFFFF	ECFFFFFF
P13	2CD73197	00000000	B0000000	0	00000000	00000000	00000000	FF000000	EC000000
P15	D3D73197	00000000	B0000000	0	00000000	00000000	00000000	00000000	EC000000

00081

SIGMA LOGIC SIMULATION; FML CASE 0040									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	37C1F3C1	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1CC7FCFC	00000000	37C1F3C1	0	00000000	00000000	00000000	FF000000	00000000
P02	1C000000	00C7FCFC	37C1F3C1	0	00000000	5A5F7680	005F7680	80000000	00000000
P03	00000000	00000000	0DF07CFC	0	00C7FCFC	1CC95618	005F7680	00000000	F6000000
P09	00000000	00000000	037C1F3C	0	00C7FCFC	1CC95618	005F7680	00000000	F6000000
P10	07325586	0017DDAC	00DF07CF	0	0031FF3F	00000000	00000000	00000000	F6000000
P10	01CC9561	0005F768	8C37C1F3	1	000C7FCF	00000000	00000000	00000000	F6000000
P10	C0732558	00017DDA	6F00F07C	1	00031FF3	E336A9E7	01A0894F	00000000	F6000000
P10	48D1632F	01E87D25	DFC37C1F	0	0000C7FC	00000000	00000000	601910A7	F60004A5
P10	0A321CE3	01FA1F60	C3F0DF07	1	000031FF	1CC95618	005F7680	A0088010	F6000212
P10	ADBFC2BA	01F95A80	CCFC37C1	1	00000C7F	E336A9E7	01A0894F	04040A08	F6200B18
P10	D2A39455	01193639	4F3F0DF0	0	0000031F	00000000	00000000	529A5555	F604853C
P10	600E7040	01F36CFD	3FCFC37C	0	000000C7	3992AC30	00BEE060	29410A2A	F6080204
P10	5C377596	01D160E2	AFF3F0DF	0	00000031	00000000	00000000	14811410	F65D3632
P10	122D9861	01E315B4	A7FCFC37	1	0000000C	00000000	00000000	0A008A08	F6289011
P10	460B449A	01F2E169	61FF3F0D	1	00000003	E336A9E7	01A0894F	01004A00	F6100808
P10	A90F6A5F	0110980B	5C7FCFC3	0	00000000	00000000	00000000	A1812241	F6084444
P10	C2239207	01F2372B	A31FF3F0	1	00000000	3992AC30	00BEE060	50809120	F6080000
P10	EACC6BC5	01D13692	C0C7FCFC	0	00000000	E336A9E7	01A0894F	28414810	F65D1290
P10	486EE28C	01082853	8031FF3F	0	00000000	1CC95618	005F7680	75223AEE	F6E88949
P10	88616C1D	01EF352A	A0CC7FCF	1	00000000	00000000	00000000	AE358A44	F62595A8
P10	899516D6	01F2A820	70C31FF3	1	00000000	E336A9E7	01A0894F	44109000	F6128A94
P10	C9ACC8CC	011024FE	D000C7FC	1	00000000	00000000	00000000	608A4863	F6094402
P10	2AC9A0EB	01F258FF	C00031FF	0	00000000	00000000	00000000	20442420	F6080001
P10	82A36132	01FE9AFF	C0000C7F	1	00000000	1CC95618	005F7680	90201010	F6000000
P10	C39289CE	01E87817	8000031F	1	00000000	E336A9E7	01A0894F	4850A808	F62F0B50
P10	1A3D2208	0119FF82	700000C7	1	00000000	00000000	00000000	E18954E7	F6D404AB
P10	7EED10BB	01F37E8A	E0000031	1	00000000	00000000	00000000	00048000	F6080241
P10	DFBA676E	01FDF32C	F000000C	0	00000000	00000000	00000000	00020000	F6000100
P10	B7EE19DB	01FFB78C	B0000003	0	00000000	3992AC30	00BEE060	00010000	F6000080
P10	239F607A	01D05698	E0000000	1	00000000	00000000	00000000	18C10408	F65F52E0

00082

SIGMA LOGIC SIMULATION; FML CASE 0040									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P10	CE079A5C	01E3C116	B0000000	0	00000000	E336A9E7	01A0894F	00408204	F6282940
P10	4B686C6F	011ADR46	E0000000	0	00000000	00000000	00000000	612B4520	F6D044A3
P11	AC93B192	01EB1CE9	20000000	0	00000000	1CC95618	005F7680	00000000	F6000000
P12	C95D07AA	004A9399	20000000	0	00000000	00000000	00000000	FFFFFFFF	F6FFFFFF
P13	364A9399	00000000	20000000	0	00000000	00000000	00000000	00000000	F6000000
P15	364A9399	00000000	20000000	0	00000000	00000000	00000000	00000000	F6000000

00083

SIGMA LOGIC SIMULATION, FML, CASE 0041									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	00000001	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40100000	00000000	00000001	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00100000	00000001	0	00000000	41100000	00100000	80000000	00000000
P03	00000000	00000000	00000000	0	00100000	00000000	00100000	00000000	01000000
P09	00000000	00000000	00000000	0	00100000	00000000	00100000	00000000	01000000
P10	00000000	00040000	00000000	0	00040000	00000000	00000000	00000000	01000000
P10	00000000	00010000	00000000	0	00010000	00000000	00000000	00000000	01000000
P10	00000000	00004000	00000000	0	00004000	00000000	00000000	00000000	01000000
P10	00000000	00001000	00000000	0	00001000	00000000	00000000	00000000	01000000
P10	00000000	00000400	00000000	0	00000400	00000000	00000000	00000000	01000000
P10	00000000	00000100	00000000	0	00000100	00000000	00000000	00000000	01000000
P10	00000000	00000040	00000000	0	00000040	00000000	00000000	00000000	01000000
P10	00000000	00000010	00000000	0	00000010	00000000	00000000	00000000	01000000
P10	00000000	00000004	00000000	0	00000004	00000000	00000000	00000000	01000000
P10	00000000	00000001	00000000	0	00000001	00000000	00000000	00000000	01000000
P10	40000000	00000000	04000000	0	00000000	00000000	00000000	00000000	01000000
P10	10000000	00000000	01000000	0	00000000	00000000	00000000	00000000	01000000
P10	04000000	00000000	00400000	0	00000000	00000000	00000000	00000000	01000000
P10	01000000	00000000	00100000	0	00000000	00000000	00000000	00000000	01000000
P10	00400000	00000000	00040000	0	00000000	00000000	00000000	00000000	01000000
P10	00100000	00000000	00010000	0	00000000	00000000	00000000	00000000	01000000
P10	00040000	00000000	00004000	0	00000000	00000000	00000000	00000000	01000000
P10	00010000	00000000	00001000	0	00000000	00000000	00000000	00000000	01000000
P10	00004000	00000000	00000400	0	00000000	00000000	00000000	00000000	01000000
P10	00000100	00000000	00000010	0	00000000	00000000	00000000	00000000	01000000
P10	00000040	00000000	00000004	0	00000000	00000000	00000000	00000000	01000000
P10	00000010	00000000	00000001	0	00000000	00000000	00000000	00000000	01000000
P10	00000004	00000000	00000000	0	00000000	00000000	00000000	00000000	01000000
P10	00000001	00000000	00000000	0	00000000	00000000	00100000	00000000	01000000

00084

SIGMA LOGIC SIMULATION, FML, CASE 0041									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	00000000	00040000	40000000	0	00000000	00000000	00000000	00000000	01000000
P10	00000000	00010000	10000000	0	00000000	00000000	00000000	00000000	01000000
P11	00000000	00010000	10000000	0	00000000	00000000	00000000	00000000	01000000
P12	00000000	00010000	10000000	0	00000000	00000000	00000000	FFFFFFF	0FFFFFFF
P13	00000001	00100000	20000000	0	00000000	00000000	00000000	FFFFFFF	0FFFFFFF
P13	40100000	00000000	20000000	0	00000000	00000000	00000000	00000000	00000000
P15	40100000	00000000	20000000	0	00000000	00000000	00000000	00000000	00000000

00087

SIGMA LOGIC SIMULATION, FML, CASE 0043									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	00000003	00000700	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40100000	00000700	00000003	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00100000	00000003	0	00000000	41100000	00100000	80000000	00000000
P03	00000000	00000000	00000000	1	00100000	00000000	00100000	00000000	01000000
P09	00000000	00000700	00000000	0	00100000	FFFFFFFF	01FFFFFF	00000000	01000000
P10	FFFFFFFF	01FBFFFF	00000000	0	00040000	00000000	00100000	00000000	01000000
P10	FFFFFFFF	01FAFFFF	00000000	0	00010000	00000000	00000000	00000000	01080000
P10	FFFFFFFF	01FCBFFF	00000000	0	00040000	00000000	00000000	00000000	01040000
P10	FFFFFFFF	01FE2FFF	00000000	0	00001000	00000000	00000000	00000000	01020000
P10	FFFFFFFF	01FF0BFF	00000000	0	00000400	00000000	00000000	00000000	01010000
P10	FFFFFFFF	01FF82FF	00000000	0	00000100	00000000	00000000	00000000	01008000
P10	FFFFFFFF	01FFC0BF	00000000	0	00000040	00000000	00000000	00000000	01004000
P10	FFFFFFFF	01FFE02F	00000000	0	00000010	00000000	00000000	00000000	01002000
P10	FFFFFFFF	01FFF00B	00000000	0	00000004	00000000	00000000	00000000	01001000
P10	FFFFFFFF	01FFF02	00000000	0	00000001	00000000	00000000	00000000	01000800
P10	BFFFFFFFF	01FFF00	C4000000	0	00000000	00000000	00000000	00000000	01000400
P10	2FFFFFFFF	01FFF00	C1000000	0	00000000	00000000	00000000	00000000	01000200
P10	0BFFFFFFFF	01FFF00	C0400000	0	00000000	00000000	00000000	00000000	01000100
P10	02FFFFFFFF	01FFF80	C0100000	0	00000000	00000000	00000000	00000000	01000080
P10	00BFFFFFFFF	01FFF00	C0040000	0	00000000	00000000	00000000	00000000	01000040
P10	002FFFFFFFF	01FFF00	C0010000	0	00000000	00000000	00000000	00000000	01000020
P10	000BFFFF	01FFFFC	C0004000	0	00000000	00000000	00000000	00000000	01000010
P10	0000BFFF	01FFFFF	C0000400	0	00000000	00000000	00000000	00000000	01000008
P10	00000BFF	01FFFFF	C0000040	0	00000000	00000000	00000000	00000000	01000004
P10	800002FF	01FFFFF	C0000010	0	00000000	00000000	00000000	00000000	01000002
P10	00000BFF	01FFFFF	C0000040	0	00000000	00000000	00000000	00000000	01000001
P10	000002FF	01FFFFF	C0000010	0	00000000	00000000	00000000	00000000	01000000
P10	000000BF	01FFFFF	C0000004	0	00000000	00000000	00000000	00000000	01000000
P10	E000002F	01FFFFF	C0000001	0	00000000	00000000	00000000	00000000	01000000
P10	F000000B	01FFFFF	C0000000	0	00000000	00000000	00000000	00000000	01000000
P10	F8000002	01FFFFF	C0000000	0	00000000	00000000	00100000	08000000	01000000

00088

SIGMA LOGIC SIMULATION, FML, CASE 0043									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
P10	FC000000	01FBFFFF	80000000	0	00000000	00000000	00000000	04000000	01080000
P10	FE000000	01FCFFFF	30000000	0	00000000	00000000	00000000	02000000	01040000
P11	00000000	00010000	30000000	0	00000000	00000000	00000000	00000000	01000000
P12	00000000	00010000	30000000	0	00000000	00000000	00000000	FFFFFFFF	01FFFFFF
P13	00000000	00100000	60000000	0	00000000	00000000	00000000	FFFFFFFF	00FFFFFF
P13	40100000	00000000	60000000	0	00000000	00000000	00000000	00000000	00000000
P15	40100000	00000000	60000000	0	00000000	00000000	00000000	00000000	00000000

00089

TIME	SIGMA LOGIC SIMULATION, FML CASE 0044								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	00000006	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40100000	00000000	00000006	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00100000	00000006	0	00000000	41100000	00100000	80000000	00000000
P03	00000000	00000000	00000001	0	00100000	00000000	00100000	00000000	01000000
P09	00000000	00000000	00000000	0	00100000	00000000	00200000	00000000	01000000
P10	00000000	00080000	00000000	0	00040000	00000000	00100000	00000000	01000000
P10	00000000	00060000	00000000	0	00010000	00000000	00000000	00000000	01000000
P10	00000000	00018000	00000000	0	00004000	00000000	00000000	00000000	01000000
P10	00000000	00006000	00000000	0	00001000	00000000	00000000	00000000	01000000
P10	00000000	00001800	00000000	0	00000400	00000000	00000000	00000000	01000000
P10	00000000	00000600	00000000	0	00000100	00000000	00000000	00000000	01000000
P10	00000000	00000180	00000000	0	00000040	00000000	00000000	00000000	01000000
P10	00000000	00000060	00000000	0	00000010	00000000	00000000	00000000	01000000
P10	00000000	00000018	00000000	0	00000004	00000000	00000000	00000000	01000000
P10	00000000	00000006	00000000	0	00000001	00000000	00000000	00000000	01000000
P10	80000000	00000001	04000000	0	00000000	00000000	00000000	00000000	01000000
P10	60000000	00000000	01000000	0	00000000	00000000	00000000	00000000	01000000
P10	18000000	00000000	00400000	0	00000000	00000000	00000000	00000000	01000000
P10	06000000	00000000	00100000	0	00000000	00000000	00000000	00000000	01000000
P10	01800000	00000000	00040000	0	00000000	00000000	00000000	00000000	01000000
P10	00600000	00000000	00010000	0	00000000	00000000	00000000	00000000	01000000
P10	00180000	00000000	00004000	0	00000000	00000000	00000000	00000000	01000000
P10	00060000	00000000	00001000	0	00000000	00000000	00000000	00000000	01000000
P10	00001800	00000000	00000040	0	00000000	00000000	00000000	00000000	01000000
P10	00000600	00000000	00000010	0	00000000	00000000	00000000	00000000	01000000
P10	00000180	00000000	00000004	0	00000000	00000000	00000000	00000000	01000000
P10	00000060	00000000	00000001	0	00000000	00000000	00000000	00000000	01000000
P10	00000018	00000000	00000000	0	00000000	00000000	00000000	00000000	01000000
P10	00000006	00000000	00000000	0	00000000	00000000	00100000	00000000	01000000

00090

TIME	SIGMA LOGIC SIMULATION, FML CASE 0044								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	00000001	00040000	80000000	0	00000000	00000000	00000000	00000000	01000000
P10	00000000	00010000	60000000	0	00000000	00000000	00000000	00000000	01000000
P11	00000000	00010000	60000000	0	00000000	00000000	00000000	00000000	01000000
P12	00000000	00010000	60000000	0	00000000	00000000	00000000	FFFFFF	01FFFFFF
P13	00000000	00010000	60000000	0	00000000	00000000	00000000	FFFFFF	01FFFFFF
P13	40100000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P15	40100000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000

00091

SIGMA LOGIC SIMULATION: FML CASE 0045									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	00000001	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40100000	00000000	00000001	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00100000	00000001	0	00000000	41FFFFFF	00FFFFFF	80000000	00000000
P03	00000000	00000000	00000000	0	00100000	FFFFFFFF	00FFFFFF	00000000	01000000
P09	00000000	00000000	00000000	0	00100000	FFFFFFFF	00FFFFFF	00000000	01000000
P10	FFFFFFFF	003BFFFF	00000000	0	00040000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	000EFFFF	F0000000	0	00010000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0003BFFF	F0000000	0	00040000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	000EFFFF	F0000000	0	00010000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00003BFF	F0000000	0	00004000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0000EFFF	F0000000	0	00001000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00003BFF	F0000000	0	00004000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0000EFFF	F0000000	0	00001000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	000003B	F0000000	0	0000004	00000000	00000000	00000000	01000000
P10	FFFFFFFF	000000E	F0000000	0	00000001	00000000	00000000	00000000	01000000
P10	BFFFFFFFF	00000003	F4000000	0	00000000	00000000	00000000	00000000	01000000
P10	EFFFFFFFF	00000000	F1000000	0	00000000	00000000	00000000	00000000	01000000
P10	3BFFFFFFFF	00000000	F0400000	0	00000000	00000000	00000000	00000000	01000000
P10	0EFFFFFFFF	00000000	F0100000	0	00000000	00000000	00000000	00000000	01000000
P10	03BFFFFFFFF	00000000	F0040000	0	00000000	00000000	00000000	00000000	01000000
P10	00EFFFFFFFF	00000000	F0001000	0	00000000	00000000	00000000	00000000	01000000
P10	0003BFFFF	00000000	F0004000	0	00000000	00000000	00000000	00000000	01000000
P10	000EFFFF	00000000	F0001000	0	00000000	00000000	00000000	00000000	01000000
P10	00003BFF	00000000	F0000400	0	00000000	00000000	00000000	00000000	01000000
P10	0000EFFF	00000000	F0000100	0	00000000	00000000	00000000	00000000	01000000
P10	000003B	00000000	F000004	0	00000000	00000000	00000000	00000000	01000000
P10	00000E	00000000	F0000001	0	00000000	00000000	00000000	00000000	01000000
P10	0000003B	00000000	F0000000	0	00000000	00000000	00000000	00000000	01000000
P10	000000E	00000000	F0000000	0	00000000	00000000	00000000	00000000	01000000
P10	0000003B	00000000	F0000000	0	00000000	00000000	00000000	00000000	01000000
P10	000000E	00000000	F0000000	0	00000000	00000000	00000000	00000000	01000000

00092

SIGMA LOGIC SIMULATION: FML CASE 0045									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	FFFFFFFF0	003BFFFF	70000000	0	00000000	00000000	00000000	00000000	01000000
P10	FFFFFFFFE	000EFFFF	D0000000	0	00000000	00000000	00000000	00000000	01000000
P11	00000000	000F0000	00000000	0	00000000	00000000	00000000	00000000	01000000
P12	00000000	000F0000	00000000	0	00000000	00000000	00000000	FFFFFFFF	01FFFFFF
P13	00000000	00F00000	A0000000	0	00000000	00000000	00000000	FFFFFFFF	00FFFFFF
P13	40F00000	00000000	A0000000	0	00000000	00000000	00000000	00000000	00000000
P15	40F00000	00000000	A0000000	0	00000000	00000000	00000000	00000000	00000000

00093

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0046								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	00000002	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40100000	00000000	00000000	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00100000	00000000	0	00000000	41FFFFFF	00FFFFFF	80000000	00000000
P03	00000000	00000000	00000000	0	00100000	FFFFFFFF	00FFFFFF	00000000	01000000
P09	00000000	00000000	00000000	0	00100000	FFFFFFFF	01DFFFFF	00000000	01000000
P10	FFFFFFFF	0077FFFF	80000000	0	00040000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0010FFFF	E0000000	0	00010000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00077FFF	F0000000	0	00004000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0001DFFF	F0000000	0	00001000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	000077FF	F0000000	0	00000400	00000000	00000000	00000000	01000000
P10	FFFFFFFF	000010FF	F0000000	0	00000100	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0000077F	F0000000	0	00000040	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0000010F	F0000000	0	00000010	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00000077	F0000000	0	00000004	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00000010	F0000000	0	00000001	00000000	00000000	00000000	01000000
P10	7FFFFFFF	00000007	F4000000	0	00000000	00000000	00000000	00000000	01000000
P10	DFFFFFFF	00000001	F1000000	0	00000000	00000000	00000000	00000000	01000000
P10	77FFFFFF	00000000	F0400000	0	00000000	00000000	00000000	00000000	01000000
P10	10FFFFFF	00000000	F0100000	0	00000000	00000000	00000000	00000000	01000000
P10	077FFFFF	00000000	F0040000	0	00000000	00000000	00000000	00000000	01000000
P10	010FFFFF	00000000	F0010000	0	00000000	00000000	00000000	00000000	01000000
P10	0077FFFF	00000000	F0004000	0	00000000	00000000	00000000	00000000	01000000
P10	001DFFFF	00000000	F0001000	0	00000000	00000000	00000000	00000000	01000000
P10	00077FFF	00000000	F0000400	0	00000000	00000000	00000000	00000000	01000000
P10	0001DFFF	00000000	F0000100	0	00000000	00000000	00000000	00000000	01000000
P10	000077FF	00000000	F0000040	0	00000000	00000000	00000000	00000000	01000000
P10	000010FF	00000000	F0000010	0	00000000	00000000	00000000	00000000	01000000
P10	0000077F	00000000	F0000004	0	00000000	00000000	00000000	00000000	01000000
P10	000001DF	00000000	F0000001	0	00000000	00000000	00000000	00000000	01000000
P10	00000077	00000000	F0000000	0	00000000	00000000	00000000	00000000	01000000
P10	00000010	00000000	F0000000	0	00000000	FFFFFFFF	00FFFFFF	00000000	01000000

00094

TIME	SIGMA LOGIC SIMULATION, FML, CASE 0046								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	FFFFFFFF	003BFFFF	80000000	0	00000000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00CEFFFF	80000000	0	00000000	00000000	00000000	00000000	01000000
P11	00000001	000F0000	00000000	0	00000000	00000000	00000000	00000000	01000000
P12	00000001	000F0000	00000000	0	00000000	00000000	00000000	FFFFFFFF	01FFFFFF
P13	00000010	000F0000	80000000	0	00000000	00000000	00000000	FFFFFFFF	00FFFFFF
P13	40F00000	00000000	80000000	0	00000000	00000000	00000000	00000000	00000000
P15	4CF00000	00000000	80000000	0	00000000	00000000	00000000	00000000	00000000

00095

SIGMA LOGIC SIMULATION, FML, CASE 0047

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	00000003	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40100000	00000000	00000003	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00100000	00000003	0	00000000	41FFFFFF	00FFFFFF	80000000	00000000
P03	00000000	00000000	00000000	1	00100000	FFFFFFFF	00FFFFFF	00000000	01000000
P09	00000000	00000000	00000000	0	00100000	00000000	01100000	00000000	01000000
P10	00000000	01C40000	00000000	0	00040000	FFFFFFFF	00FFFFFF	00000000	01000000
P10	FFFFFFFF	01CAFFFF	00000000	0	00010000	00000000	00000000	00000000	01620000
P10	FFFFFFFF	01EA3FFF	F0000000	0	00040000	00000000	00000000	00000000	01210000
P10	FFFFFFFF	01F2CFFF	F0000000	0	00001000	00000000	00000000	00000000	01100000
P10	FFFFFFFF	01F8B3FF	F0000000	0	00000400	00000000	00000000	00000000	01080000
P10	FFFFFFFF	01FC2CFF	F0000000	0	00000100	00000000	00000000	00000000	01040000
P10	FFFFFFFF	01FE0B3F	F0000000	0	00000040	00000000	00000000	00000000	01020000
P10	FFFFFFFF	01FF02CF	F0000000	0	00000010	00000000	00000000	00000000	01010000
P10	FFFFFFFF	01FF80B3	F0000000	0	00000004	00000000	00000000	00000000	01008000
P10	FFFFFFFF	01FFC02C	F0000000	0	00000001	00000000	00000000	00000000	01004000
P10	3FFFFFFF	01FFE00B	F4000000	0	00000000	00000000	00000000	00000000	01002000
P10	CFFFFFFF	01FFF002	F1000000	0	00000000	00000000	00000000	00000000	01001000
P10	B3FFFFFF	01FFF800	F0400000	0	00000000	00000000	00000000	00000000	01000800
P10	2CFFFFFF	01FFF000	F0100000	0	00000000	00000000	00000000	00000000	01000400
P10	0B3FFFFFF	01FFF000	F0040000	0	00000000	00000000	00000000	00000000	01000200
P10	02CFFFFFF	01FFF000	F0010000	0	00000000	00000000	00000000	00000000	01000100
P10	00B3FFFF	01FFF800	F0004000	0	00000000	00000000	00000000	00000000	01000080
P10	002CFFFF	01FFF000	F0001000	0	00000000	00000000	00000000	00000000	01000040
P10	000B3FFF	01FFF000	F0000400	0	00000000	00000000	00000000	00000000	01000020
P10	0002CFFF	01FFF000	F0000100	0	00000000	00000000	00000000	00000000	01000010
P10	0000B3FF	01FFFFF8	F0000040	0	00000000	00000000	00000000	00000000	01000008
P10	00002CFF	01FFFFFC	F0000010	0	00000000	00000000	00000000	00000000	01000004
P10	00000B3F	01FFFFFE	F0000004	0	00000000	00000000	00000000	00000000	01000002
P10	000002CF	01FFFFFF	F0000001	0	00000000	00000000	00000000	00000000	01000001
P10	800000B3	01FFFFFF	F0000000	0	00000000	00000000	00000000	80000000	01000000
P10	C000002C	01FFFFFF	F0000000	0	00000000	FFFFFFFF	00FFFFFF	40000000	01000000

00096

SIGMA LOGIC SIMULATION, FML, CASE 0047

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	1FFFFFF4	01C40000	F0000000	0	00000000	00000000	00000000	E0000000	C177FFFF
P10	FFFFFFFF	01FCFFFF	B0000000	0	00000000	00000000	00000000	00000000	C1220000
P11	00000002	00000000	B0000000	0	00000000	00000000	00000000	00000000	01000000
P12	00000002	00000000	B0000000	0	00000000	00000000	00000000	FFFFFFF0	01FFFFFF
P13	00000002	00000000	B0000000	0	00000000	00000000	00000000	FFFFFFF0	00FFFFFF
P13	40F00000	00000000	B0000000	0	00000000	00000000	00000000	00000000	00000000
P15	40F00000	00000000	B0000000	0	00000000	00000000	00000000	00000000	00000000

00097

SIGMA LOGIC SIMULATION, FML, CASE 0048									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	00000006	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	40100000	00000000	00000006	0	00000000	00000000	00000000	FF000000	00000000
P02	40000000	00100000	00000006	0	00000000	41FFFFFF	00FFFFFF	80000000	00000000
P03	00000000	00000000	00000001	0	00100000	FFFFFFFF	00FFFFFF	00000000	01000000
P09	00000000	00000000	00000000	0	00100000	FFFFFFFE	01DFFFFFF	00000000	01000000
P10	FFFFFFFF	0077FFFF	80000000	0	00040000	FFFFFFFF	00FFFFFF	00000000	01000000
P10	00000000	00260000	20000000	0	00010000	00000000	00000000	00000000	0133FFFF
P10	FFFFFFFF	00057FFF	E0000000	0	00004000	00000000	00000000	00000000	01110000
P10	FFFFFFFF	00051FFF	F0000000	0	00001000	00000000	00000000	00000000	01008000
P10	FFFFFFFF	000167FF	F0000000	0	00004000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	000059FF	F0000000	0	00001000	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0000167F	F0000000	0	00000040	00000000	00000000	00000000	01000000
P10	FFFFFFFF	0000059F	F0000000	0	00000010	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00000167	F0000000	0	00000004	00000000	00000000	00000000	01000000
P10	FFFFFFFF	00000059	F0000000	0	00000001	00000000	00000000	00000000	01000000
P10	7FFFFFFF	00000016	F4000000	0	00000000	00000000	00000000	00000000	01000000
P10	9FFFFFFF	00000005	F1000000	0	00000000	00000000	00000000	00000000	01000000
P10	67FFFFFF	00000001	F0400000	0	00000000	00000000	00000000	00000000	01000000
P10	59FFFFFF	00000000	F0100000	0	00000000	00000000	00000000	00000000	01000000
P10	167FFFFFF	00000000	F0040000	0	00000000	00000000	00000000	00000000	01000000
P10	059FFFFFF	00000000	F0010000	0	00000000	00000000	00000000	00000000	01000000
P10	0167FFFF	00000000	F0004000	0	00000000	00000000	00000000	00000000	01000000
P10	0059FFFF	00000000	F0001000	0	00000000	00000000	00000000	00000000	01000000
P10	00167FFF	00000000	F0000400	0	00000000	00000000	00000000	00000000	01000000
P10	00059FFF	00000000	F0000100	0	00000000	00000000	00000000	00000000	01000000
P10	000167FF	00000000	F0000040	0	00000000	00000000	00000000	00000000	01000000
P10	000059FF	00000000	F0000010	0	00000000	00000000	00000000	00000000	01000000
P10	0000167F	00000000	F0000004	0	00000000	00000000	00000000	00000000	01000000
P10	0000059F	00000000	F0000001	0	00000000	00000000	00000000	00000000	01000000
P10	00000167	00000000	F0000000	0	00000000	00000000	00000000	00000000	01000000
P10	00000059	00000000	F0000000	0	00000000	FFFFFFFF	00FFFFFF	00000000	01000000

00098

SIGMA LOGIC SIMULATION, FML, CASE 0048									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P10	FFFFFFFF0	003BFFFF	80000000	0	00000000	00000000	00000000	00000000	01000000
P10	FFFFFFFF1	000EFFFF	40000000	0	00000000	00000000	00000000	00000000	01000000
P11	00000005	000F0000	80000000	0	00000000	00000000	00000000	00000000	01000000
P12	00000005	000F0000	80000000	0	00000000	00000000	00000000	FFFFFFFF	01FFFFFF
P13	00000005	000F0000	80000000	0	00000000	00000000	00000000	FFFFFFFF	00FFFFFF
P13	40F00000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P15	40F00000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000

00101

SIGMA LOGIC SIMULATION, FMS, CASE 0001									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	46555555	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	46555555	00000000	46555555	0	00000000	00000000	00000000	FF000000	00000000
P02	46000000	00555555	46555555	0	00000000	04AAAAAA	0CAAAAAA	80000000	00000000
P03	00000000	00000000	11155555	0	00555555	00000000	01555555	FFFFFFF	CAFFFFFF
P09	00000000	00000000	04055555	0	00555555	FFFFFFF	00AAAAAA	00000000	CA000000
P10	BFFFFFFF	002AAAAA	C5C15555	0	00155555	FFFFFFF	00AAAAAA	00000000	CA000000
P10	10000000	00200000	05C05555	0	00055555	FFFFFFF	00AAAAAA	5FFFFFFF	CA155555
P10	EC000000	0027FFFF	05C01555	0	00015555	FFFFFFF	00AAAAAA	2FFFFFFF	CA100000
P10	4F000000	00275555	05C00555	0	00005555	FFFFFFF	00AAAAAA	77FFFFFF	CA115555
P10	B1C00000	00272AAA	05C00155	0	00001555	FFFFFFF	00AAAAAA	8FFFFFFF	CA11AAAA
P10	BC700000	00270AAA	05000055	0	00000055	FFFFFFF	00AAAAAA	5FFFFFFF	CA110555
P10	471C0000	00271055	05C00015	0	00000015	FFFFFFF	00AAAAAA	7FFFFFFF	CA11C555
P10	B1C70000	002710AA	05C00005	0	00000005	FFFFFFF	00AAAAAA	8FFFFFFF	CA11C6AA
P10	BC71C000	00271C2A	05C00001	0	00000001	FFFFFFF	00AAAAAA	5FFFFFFF	CA11C755
P10	471C7000	00271C75	05C00000	0	00000000	FFFFFFF	00AAAAAA	7FFFFFFF	CA11C715
P10	B1C71C00	00271C72	05C00000	0	00000000	FFFFFFF	00AAAAAA	8FFFFFFF	CA11C71A
P10	BC71C700	00271C70	05C00000	0	00000000	00000000	00000000	5FFFFFFF	CA11C710
P11	1C71C700	0038E38E	05C00000	0	00000000	00000000	00000000	00000000	CA000000
P12	1C71C700	0038E38F	05C00000	0	00000000	00000000	00000000	FFFFFFF	CAFFFFFF
P13	0AC71C71	00000000	05C00000	0	00000000	00000000	00000000	FF000000	CA000000
P15	F5C71C71	00000000	05C00000	0	00000000	00000000	00000000	00000000	CA000000

00102

SIGMA LOGIC SIMULATION, FMS, CASE 0002									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	08AAAAAA	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	08AAAAAA	00000000	08AAAAAA	0	00000000	00000000	00000000	FF000000	00000000
P02	08000000	00AAAAAA	08AAAAAA	0	00000000	45555555	00555555	80000000	00000000
P03	00000000	00000000	022AAAAA	0	07AAAAAA	00000000	01AAAAAA	FFFFFFF	C0FFFFFF
P09	00000000	00000000	07CAAAAA	0	00AAAAAA	FFFFFFF	00AAAAAB	00000000	C0000000
P10	FFFFFFF	002AAAAA	C8C2AAAA	0	002AAAAA	FFFFFFF	00AAAAAB	00000000	C0000000
P10	40000000	00200000	0ACCAAAA	0	002AAAAA	FFFFFFF	00AAAAAB	7FFFFFFF	C0155555
P10	B0000000	0027FFFF	CA0C2AAA	0	002AAAAA	FFFFFFF	00AAAAAB	8FFFFFFF	C0100000
P10	3C000000	00275555	CAC00AAA	0	002AAAAA	FFFFFFF	00AAAAAB	DFFFFFFF	C0115555
P10	C7000000	00272AAA	CAC002AA	0	00202AAA	FFFFFFF	00AAAAAB	FFFFFFF	C011AAAA
P10	F1C00000	00270AAA	CAC000AA	0	00200AAA	FFFFFFF	00AAAAAB	7FFFFFFF	C0110555
P10	1C700000	00271055	CAC0002A	0	002002AA	FFFFFFF	00AAAAAB	FFFFFFF	C011C555
P10	C71C0000	002710AA	CAC0000A	0	002000AA	FFFFFFF	00AAAAAB	FFFFFFF	C011C6AA
P10	F1C70000	00271C2A	CAC00002	0	0020002A	FFFFFFF	00AAAAAB	7FFFFFFF	C011C755
P10	1C71C000	00271C75	CAC00000	0	0020000A	FFFFFFF	00AAAAAB	FFFFFFF	C011C715
P10	C71C7000	00271C72	CAC00000	0	00200000	FFFFFFF	00AAAAAB	FFFFFFF	C011C71A
P10	F1C71C00	00271C70	CAC00000	0	00200000	00000000	00000000	7FFFFFFF	C011C710
P11	71C71C00	0038E38E	CAC00000	0	00000000	00000000	00000000	00000000	C0000000
P12	71C71C00	0038E38E	CAC00000	0	00000000	00000000	00000000	FFFFFFF	C0FFFFFF
P13	0DC71C71	00000000	CAC00000	0	00000000	00000000	00000000	FF000000	C0000000
P15	F2C71C71	00000000	CAC00000	0	00000000	00000000	00000000	00000000	C0000000

00105

SIGMA LOGIC SIMULATION, FMS, CASE 0005									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	CFF00000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PC1	CFF00000	00000000	CFF00000	0	00000000	00000000	00000000	FF000000	00000000
PO2	30000000	01F00000	30F00000	0	00000000	300FFFFF	000FFFFF	80000000	00000000
PC3	00000000	01F00000	30F00000	0	01F00000	00000000	00000000	FFFFFFF0	E0FFFFFF
PC4	00000000	01000000	30F00000	0	01F00000	00000000	00000000	00000000	DF000000
PO5	00000000	00000000	30F00000	0	01F00000	00000000	01F00000	00000000	DF000000
PO6	00000000	01000000	30F00000	0	01F00000	00000000	01F00000	00000000	DE000000
PO7	00000000	00000000	0CF00000	0	01F00000	00000000	01000000	00000000	DE000000
PC9	00000000	00000000	03FF0000	0	01F00000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FF0000	0	00FC0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P10	00000000	00000000	00FFFF00	0	00FF0000	00000000	00000000	00000000	DE000000
P11	00000000	00000000	00FFFFFF	1	00FFFFFF	FFFFFFF0	00FFFFFF	00000000	DF000000
P12	00000000	01000000	00FFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF0	DFFFFFFF
P13	00000000	00100000	01FFFFFFE	1	00FFFFFF	00000000	00000000	FFFFFFF0	DFFFFFFF
P13	1F100000	00000000	01FFFFFFE	1	00FFFFFF	00000000	00000000	00000000	DF000000

00106

SIGMA LOGIC SIMULATION, FMS, CASE 0005									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P15	1F100000	00000000	01FFFFFF	1	00FFFFFF	00000000	00000000	00000000	DF000000

00107

SIGMA LOGIC SIMULATION, FMS, CASE 0006									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	3F100000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	3F100000	00000000	3F100000	0	00000000	00000000	00000000	FF000000	00000000
P02	3F000000	00100000	3F100000	0	00000000	01100000	00100000	80000000	00000000
P03	00000000	00000000	0FC40000	0	00100000	00000000	00100000	00000000	C0000000
P09	00000000	00000000	03010000	0	00100000	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00004000	0	00040000	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00001000	0	00010000	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00000400	0	00004000	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00000100	0	00001000	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00000C40	0	0000C400	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00000010	0	00000010	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00000004	0	00000004	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00000001	0	00000001	00000000	00000000	00000000	C0000000
P10	00000000	00000000	00000000	0	00000000	00000000	00000000	00000000	C0000000
P10	00000000	00000000	04000000	0	00000000	00000000	00000000	00000000	C0000000
P10	00000000	00010000	01000000	0	00000000	00000000	00000000	00000000	C0000000
P11	00000000	00010000	01000000	0	00000000	00000000	00000000	00000000	C0000000
P12	00000000	00010000	01000000	0	00000000	00000000	00000000	FFFFFFFF	C0FFFFFF
P13	00000000	00100000	02000000	0	00000000	00000000	00000000	FFFFFFFF	BFFFFFFF
P13	7F000000	00000000	02000000	0	00000000	00000000	00000000	00000000	BF000000
P15	00000000	00000000	02000000	0	00000000	00000000	00000000	00000000	BF000000

00108

SIGMA LOGIC SIMULATION, FMS, CASE 0007									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	61369AD0	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	61369AD0	00000000	61369AD0	0	00000000	00000000	00000000	FF000000	00000000
P02	61000000	00369AD0	61369AD0	0	00000000	60159027	00159027	80000000	00000000
P03	00000000	00000000	180DA6B4	0	00369AD0	00000000	00159027	00000000	41000000
P09	00000000	00000000	060369AD	0	00369AD0	00000000	00000000	00000000	41000000
P10	00000000	00000000	0100DA6E	0	000DA6B4	00000000	00000000	00000000	41000000
P10	00000000	00000000	0000369A	1	000369AD	00000000	00159027	00000000	41000000
P10	C0000000	00056409	04C00DA6	1	0000DA6B	FFFFFFFF	01EA6FD8	00000000	41000000
P10	4FFFFFFF	01F8C2F4	C0C00369	1	0000369A	FFFFFFFF	01EA6FD8	60000000	41003204
P10	34000000	010467CA	0B0000DA	0	00000DA6	FFFFFFFF	01EA6FD8	37FFFFFF	41F5316A
P10	3F000000	0106CF5E	0A000036	0	00000369	C0000000	002B204E	1FFFFFFF	41F233E5
P10	493FFFFFF	01F7F77D	C600000D	0	000000DA	00000000	002B204E	00800000	41111127
P10	112FFFFFF	01F37185	C9000003	0	00000036	00000000	002B204E	84800000	41199887
P10	256BFFFF	01F0725F	CAC00000	1	00000000	00000000	00159027	80000000	41109843
P10	E95AFFFF	01FF1F8E	C6000000	0	00000003	FFFFFFFF	01EA6FD8	80000000	410AC823
P10	65A94000	0107AF5D	0D000000	0	00000000	00000000	00159027	74AD7FF-	41F52745
P10	C4410FFF	01F9C64F	C3000000	0	00000000	C0000000	00000000	B254A00	410A0322
P11	7695B000	00049972	03000000	0	00000000	00000000	00000000	00000000	41000000
P12	7695B000	00049972	03000000	0	00000000	00000000	00000000	FFFFFFFF	41FFFFFF
P13	695B0000	00499727	06000000	0	00000000	00000000	00000000	FFFFFFFF	40FFFFFF
P13	00000000	00000000	06000000	0	00000000	00000000	00000000	00000000	40000000
P15	00000000	00000000	06000000	0	00000000	00000000	00000000	00000000	40000000

00109

SIGMA LOGIC SIMULATION, FMS, CASE 0008									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	61659CC1	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	61659CC1	00000000	61659CC1	0	00000000	00000000	00000000	FF000000	00000000
P02	61000000	00659CC1	61659CC1	0	00000000	0C331C1F	00331C1F	80000000	00000000
P03	00000000	00000000	1819673C	0	00659CC1	00000000	00331C1F	00000000	ED000000
P09	00000000	00000000	06C659CC	0	00659CC1	00000000	00331C1F	00000000	ED000000
P10	C0000000	000CC707	05C19673	0	0019673C	00000000	00000000	00000000	ED000000
P10	F0000000	000331C1	01C0659C	1	000659CC	00000000	00000000	00000000	E7000000
P10	7C000000	0000CC70	00C01967	0	00019673	FFFFFFFF	01CCE3E0	00000000	ED000000
P10	20FFFFFF	01F30RE4	CC000659	1	0000659C	00000000	00331C1F	3E000000	ED006030
P10	C7BFFFFFF	01F010F2	C3000196	0	00001967	FFFFFFFF	01CCE3E0	10000000	ED19841A
P10	0A100000	01095E82	0C000065	0	00000659	00000000	0066383E	6BDFEFFF	EDFC42F9
P10	5873FFFF	01E0C911	C7000019	0	00000196	00000000	0066383E	05080000	ED36205D
P10	975EFFFF	01EC371C	C9000006	0	00000065	00000000	00331C1F	80000000	E733148F
P10	45D7BFFF	01F80FE3	C6000001	0	00000019	00000000	00331C1F	40000000	ED198A0F
P10	C175EFFF	01F4667C	C5000000	0	00000006	00000000	0066383E	A0000000	ED1D8707
P10	585D7BFF	01E3F651	C9000000	0	00000001	00000000	00331C1F	40000000	ED3A131F
P10	46175EFF	01FABF54	C6000000	0	00000000	00000000	00000000	A0000000	ED198B0F
P11	E6175F00	00144963	06C00000	0	00000000	00000000	00000000	00000000	ED000000
P12	E6175F00	00144963	06C00000	0	00000000	00000000	00000000	FFFFFFFF	E7FFFFFF
P13	2D144963	00000000	06C00000	0	00000000	00000000	00000000	00000000	E7000000
P15	2D144963	00000000	06C00000	0	00000000	00000000	00000000	00000000	ED000000

00110

SIGMA LOGIC SIMULATION, FMS, CASE 0009									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	C624A394	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	C624A394	00000000	C624A394	0	00000000	00000000	00000000	FF000000	00000000
P02	39000000	0124A394	3924A394	0	00000000	3C29499C	0029499C	80000000	00000000
P03	00000000	00000000	0EC928E5	0	0124A394	00000000	01D6B663	00000000	F5000000
P09	00000000	00000000	03F24A39	0	0124A394	00000000	00000000	00000000	F5000000
P10	00000000	00000000	03FC928E	0	00C928E5	00000000	01D6B663	00000000	F5000000
P10	C0000000	01F5A098	04FF24A3	0	00F24A39	00000000	01D6B663	00000000	F5000000
P10	F0000000	0108C4FE	05FFC928	1	00FC928E	00000000	01AD6CC6	00000000	F5E45200
P10	3C000000	0113FE0F	09FFF24A	0	00FF24A3	FFFFFFFF	0029499C	00000000	F5D42363
P10	70FFFFFF	01F8A53C	0EFFFC92	0	00FFC928	00000000	01D6B663	1E000000	F508B5A7
P10	1BRFFFFFF	01096986	03FFFFFF24	0	00FFFFFF24	00000000	01AD6CC6	88000000	F5E05A93
P10	E4FFFFFF	011257F8	08FFFFFFC9	0	00FFFFFFC9	00000000	01AD6CC6	04000000	F5D6844B
P10	783BFFFF	011A63DD	0AFFFFF2	0	00FFFFFF24	00000000	00000000	02000000	F5C83465
P10	1EREFFFF	01F4566E	02FFFFFFC9	0	00FFFFFFC9	00000000	01D6B663	80000000	F5051122
P10	E7A3BFFF	0109FC4B	04FFFFFF	0	00FFFFFF2	00000000	01AD6CC6	00000000	F5LA0R31
P10	39E8EFFF	0113A6EF	09FFFFFF	0	00FFFFFFC	00000000	00000000	80000000	F5048621
P10	AE7A3BFF	01F1C433	02FFFFFF	0	00FFFFFFF	00000000	00000000	80000000	F5085310
P11	2E7A3C00	01FA1744	02FFFFFF	1	00FFFFFF	FFFFFFFF	0029499C	00000000	F5000000
P12	2E7A3C00	002360E1	02FFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFFF	F5FFFFFF
P13	352360E1	00000000	02FFFFFF	1	00FFFFFF	00000000	00000000	00000000	F5000000
P15	352360E1	00000000	02FFFFFF	1	00FFFFFF	00000000	00000000	00000000	F5000000

00111

SIGMA LOGIC SIMULATION, FMS, CASE 0010

TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	BCA5A5F3	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	BCA5A5F3	00000000	BCA5A5F3	0	00000000	00000000	00000000	FF000000	00000000
P02	43000000	01A5A5F3	43A5A5F3	0	00000000	03FD4FC7	00FD4FC7	80000000	00000000
P03	00000000	00000000	10E9697C	1	01A5A5F3	00000000	00FD4FC7	FFFFFFF	C6FFFFFF
P09	00000000	00000000	04FA5A5F	0	01A5A5F3	00000000	00FD4FC7	00000000	C6000000
P10	C0000000	003F53F1	0DFE9697	1	00E9697C	FFFFFFF	0102B038	00000000	C6000000
P10	4FFFFFFF	01CF78F2	C3FFA5A5	1	00FA5A5F	00000000	00FD4FC7	60000000	C6010818
P10	4BFFFFFF	01CCFC0B	CCFF9697	0	00FE9697	00000000	00000000	20000000	C666A469
P10	9AFFFFFF	01EA9AE8	0FFFA5A5	0	00FA5A5A	FFFFFFF	00056071	80000000	C6224224
P10	79400000	01736E2F	07FFFE96	0	00FFE969	FFFFFFF	0102B038	4D7FFFFFF	C6112130
P10	F2F00000	01183FC9	05FFFA50	0	00FFFA5A	FFFFFFF	00056071	3EBFFFFFF	C689901C
P10	0CEC0000	016533E9	09FFFE96	0	00FFFE96	FFFFFFF	00056071	FF7FFFFFF	C604982C
P10	031B0000	015932ED	0AFFFFFFA	0	00FFFFFFA	FFFFFFF	0102B038	FFFFFFF	C6029834
P10	40C6C000	01164688	06FFFFFFE	0	00FFFFFF9	FFFFFFF	0102B038	7FFFFFFF	C681581E
P10	B031B000	012568A7	05FFFFFFF	0	00FFFFFFA	FFFFFFF	00056071	3FFFFFFF	C681281C
P10	9C0C6C00	016848F2	09FFFFFFF	0	00FFFFFFE	FFFFFFF	00056071	DFFFFFFF	C602B41A
P10	6F031B00	015BE726	0AFFFFFFF	0	00FFFFFFF	00000000	00000000	6FFFFFFF	C6003039
P11	DF031B00	015C175F	0AFFFFFFF	1	00FFFFFFF	00000000	00FD4FC7	00000000	C6000000
P12	DF031B00	00596726	0AFFFFFFF	1	00FFFFFFF	00000000	00000000	FFFFFFF	C6FFFFFF
P13	06A698D9	00000000	0AFFFFFFF	1	00FFFFFFF	00000000	00000000	FF000000	C6000000
P15	F9A698D9	00000000	0AFFFFFFF	1	00FFFFFFF	00000000	00000000	00000000	C6000000

00112

SIGMA LOGIC SIMULATION, FMS, CASE 0011

TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	2C6E4866	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	2C6E4866	00000000	2C6E4866	0	00000000	00000000	00000000	FF000000	00000000
P02	2C000000	006E4866	2C6E4866	0	00000000	41331C1F	00331C1F	80000000	00000000
P03	00000000	00000000	0B1B9219	0	006E4866	00000000	00331C1F	00000000	E0000000
P09	00000000	00000000	0206E486	0	006E4866	00000000	0066383E	00000000	E0000000
P10	80000000	00198E0F	08C1B921	0	001B9219	00000000	00331C1F	00000000	E0000000
P10	20000000	000AA484	06006E48	0	006E4866	00000000	0066383E	80000000	E0088A07
P10	68000000	001906AF	09C01B92	0	001B9219	00000000	00331C1F	00000000	E0055203
P10	DA000000	000BD22C	06006E48	0	006E4866	00000000	00000000	80000000	E0088A07
P10	D6800000	000CD64A	01000189	0	0001B921	00000000	0066383E	40000000	E0044102
P10	A5A00000	0018ABCD	080006F4	0	00006F4	00000000	00000000	20000000	E0022805
P10	21680000	0006A0F6	02000C1B	0	0000C1B	00000000	00331C1F	90000000	E0014027
P10	EC5A0000	000D6A3A	04000006	1	0000006	00000000	0066383E	00000000	E0010A0B
P10	FB168000	001A9603	09000001	1	0000001B	FFFFFFF	010CE3E0	00000000	E0029510
P10	813A5FFF	01F5383F	0E000000	0	00000006	FFFFFFF	010CE3E0	F08B4000	E0054880
P10	E0D3B800	010F2417	03000000	0	00000001	00000000	0066383E	7FD0AFF	E0F2B500
P10	678385FF	01EPEA7E	C6000000	0	00000000	00000000	00000000	3068D400	E0331A09
P11	97EC5A00	00160489	06000000	0	00000000	00000000	00000000	00000000	E0000000
P12	97EC5A00	00160489	06000000	0	00000000	00000000	00000000	FFFFFFF	E0FFFFFF
P13	2D160489	00000000	06000000	0	00000000	00000000	00000000	00000000	E0000000
P15	2D160489	00000000	06000000	0	00000000	00000000	00000000	00000000	E0000000

00113

SIGMA LOGIC SIMULATION, FMS, CASE 0012

TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	57A63427	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	57A63427	00000000	57A63427	0	00000000	00000000	00000000	FF000000	00000000
P02	57000000	00A63427	57A63427	0	00000000	035C0BC7	005C0BC7	80000000	00000000
P03	00000000	00000000	15298009	1	00A63427	00000000	005C0BC7	00000000	DA000000
P09	00000000	00000000	05CA6342	0	00A63427	FFFFFFFF	01A32438	00000000	DA000000
P10	3FFFFFFF	01E8C90E	C0C298D0	0	00298D09	00000000	00B9B78E	00000000	DA000000
P10	0FFFFFFF	01D45FA0	C700A634	0	000A6342	00000000	00B9B78E	00000000	DA544087
P10	43FFFFFF	01CE6A2A	C900298D	0	000298D0	00000000	00000000	00000000	DA6A2BC3
P10	50FFFFFF	01E9107A	C2000A63	0	0000A634	00000000	00000000	00000000	DA251501
P10	D43FFFFFF	01F3015E	C0000298	1	0000298D	00000000	005C0BC7	00000000	DA108800
P10	750FFFFFF	01EFD4A6	C4000CA6	0	0000CA63	FFFFFFFF	01A32438	00000000	DA2B44A3
P10	62BC0000	0119200F	00C00029	0	00000298	00000000	005C0BC7	3A87FFFF	DA05A251
P10	560FFFFFF	01E41526	C300000A	0	0000000A	00000000	00B9B78E	91420000	DA2ED5A3
P10	F1D33FFF	01D0D0C2	C8000002	0	00000002	00000000	005C0BC7	08010000	DA564AD9
P10	BE748FFF	01F59335	C6000000	0	0000000A	00000000	00B9B78E	80008000	DA2E60E1
P10	8F9DC3FF	01D89256	C900C000	0	00000002	00000000	00B9B78E	C0004000	DA5ED8D2
P10	93E750FF	01CFFF82	CAC00000	0	00000000	00000000	00000000	40000000	DA6C49EB
P11	D3E75100	003C496D	0A000000	0	00000000	00000000	00000000	00000000	DA000000
P12	D3E75100	003C496D	0A000000	0	00000000	00000000	00000000	FFFFFFFF	DAFFFFFF
P13	1A3C496D	00000000	0A000000	0	00000000	00000000	00000000	00000000	DA000000
P15	1A3C496D	00000000	0A000000	0	00000000	00000000	00000000	00000000	DA000000

00114

SIGMA LOGIC SIMULATION, FMS, CASE 0013

TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	2878C1F3	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	2878C1F3	00000000	2878C1F3	0	00000000	00000000	00000000	FF000000	00000000
P02	28000000	0078C1F3	2878C1F3	0	00000000	1C57CF8E	0057CF8E	80000000	00000000
P03	00000000	00000000	0A1E307C	1	0078C1F3	00000000	0057CF8E	00000000	C4000000
P09	00000000	00000000	02078C1F	0	0078C1F3	FFFFFFFF	01A83071	00000000	C4000000
P10	7FFFFFFF	01EA001C	0001E307	1	001E307C	00000000	0057CF8E	00000000	C4000000
P10	9FFFFFFF	01EF70F4	C30078C1	1	00078C1F	FFFFFFFF	01A83071	00000000	C4210606
P10	D8000000	011991A4	0C001F30	0	0001E307	00000000	00000000	4FFFFFFF	C4D49R32
P10	A5FFFFFF	01F34265	0FC0078C	0	000078C1	00000000	00AF9F1C	24000000	C4084810
P10	607FFFFFF	01D5255A	C70001E3	0	00001E30	00000000	00000000	12000000	C455A5CA
P10	1C9FFFFFF	01E02014	C1000078	1	0000078C	00000000	00000000	00000000	C42A9285
P10	4727FFFF	01F2ACA4	C000001E	0	000001E3	FFFFFFFF	01A83071	00000000	C4100002
P10	EE360000	0112A735	00000007	0	00000078	00000000	0057CF8E	2393FFFF	C4D81C10
P10	F3697FFF	01E75E2A	C3000001	1	0000001E	00000000	00AF9F1C	11090000	C429438A
P10	38981FFF	01086CAF	C3000000	0	00000007	FFFFFFFF	01A83071	08844000	C457AF85
P10	F3F8D800	0109FF06	0E000000	0	00000001	00000000	00AF9F1C	9C4E4FFF	C4EC1052
P10	13EDA5FF	01029026	C7000000	0	00000000	00000000	00000000	48242400	C456CFAB
P11	6411CADD	00296B01	07000000	0	00000000	00000000	00000000	00000000	C4000000
P12	6411CADD	00296B01	07000000	0	00000000	00000000	00000000	FFFFFFFF	C4FFFFFF
P13	04296B01	00000000	07000000	0	00000000	00000000	00000000	00000000	C4000000
P15	04296B01	00000000	07000000	0	00000000	00000000	00000000	00000000	C4000000

00115

SIGMA LOGIC SIMULATION, FMS, CASE 0014									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	3F1301C0	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	3F1301C0	00000000	3F1301C0	0	00000000	00000000	00000000	FF000000	00000000
P02	3F000000	001301C0	3F1301C0	0	00000000	2F7A421E	007A421E	80000000	00000000
P03	00000000	00000000	0F04C070	0	001301C0	00000000	0185BDE1	FFFFFFFF	EEFFFFFF
P09	00000000	00000000	03C1301C	0	001301C0	00000000	00000000	00000000	EE000000
P10	00000000	00000000	00004C07	0	0004C070	00000000	00000000	00000000	EE000000
P10	00000000	00000000	00001301	1	0001301C	00000000	00000000	00000000	EE000000
P10	00000000	00000000	00004C07	0	00004C07	00000000	00000000	0185BDE1	EE000000
P10	40000000	01E16F78	0C000130	0	00001301	FFFFFFFF	00F4843D	00000000	EF000000
P10	6FFFFFFF	01C57AD1	C700004C	0	0000004C	00000000	00000000	20000000	EE70021C
P10	53FFFFFF	01ED5E33	C1000013	0	00000013	00000000	00000000	10000000	EE200108
P10	D0FFFFFF	01F357CE	C0000004	1	00000004	00000000	00000000	00000000	EE100000
P10	B63FFFFFF	01F8D5F3	C0000001	0	00000013	00000000	00000000	0185BDE1	EE080000
P10	AD8FFFFFF	011D5A04	CC000000	0	00000004	FFFFFFFF	007A421E	80000000	EEC44AF0
P10	B49C0000	01E8D48A	03000000	0	00000001	FFFFFFFF	007A421E	56C7FFFF	EE2E250A
P10	87690000	01EF2CEB	04000000	0	00000000	00000000	00000000	7B6FFFFFF	EE35220D
P10	BFC1BFFF	01F68369	C1000000	0	00000000	00000000	00000000	81B48000	EE129004
P11	40B64000	000913BF	01000000	0	00000000	00000000	00000000	00000000	EE000000
P12	40B64000	000913BE	01000000	0	00000000	00000000	00000000	FFFFFFFF	EEFFFFFF
P13	0B640000	00913BF4	02000000	0	00000000	00000000	00000000	FFFFFFFF	EDFFFFFF
P13	2D6EC41B	00000000	02000000	0	00000000	00000000	00000000	FF000000	ED000000
P15	D26EC41B	00000000	02000000	0	00000000	00000000	00000000	00000000	ED000000

00116

SIGMA LOGIC SIMULATION, FMS, CASE 0015									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	1C3F1C73	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1C3F1C73	00000000	1C3F1C73	0	00000000	00000000	00000000	FF000000	00000000
P02	1C000000	003F1C73	1C3F1C73	0	00000000	2E6C2030	006C2030	80000000	00000000
P03	00000000	00000000	070FC71C	1	003F1C73	00000000	0193DFCF	FFFFFFFF	CAFFFFFF
P09	00000000	00000000	01C3F1C7	0	003F1C73	00000000	0193DFCF	00000000	CA000000
P10	C0000000	01E4F7F3	0C00FC71	1	000FC71C	FFFFFFFF	006C2030	00000000	CA000000
P10	FFFFFFF	01F235F0	C3003F1C	0	0003F1C7	00000000	0193DFCF	60000000	CA321018
P10	EBFFFFFF	0110FF89	CC000FC7	0	0000FC71	FFFFFFFF	00B84061	20000000	CA090AEC
P10	0D000000	01C467C1	C70003F1	1	00003F1C	00000000	00000000	F5FFFFFF	CA6C2574
P10	7E3FFFFFF	01FA121D	C10000FC	0	00000FC7	00000000	0193DFCF	02800000	CA221280
P10	9F2FFFFFF	0116F7D4	CC00003F	0	000003F1	FFFFFFFF	00B84061	81000000	CAD10946
P10	F8740000	01C7EFBC	0700000F	1	000000FC	00000000	00000000	4F97FFFF	CA6820A2
P10	ADF8FFFF	01EBF3C7	C10000C3	1	000000C3	00000000	0193DFCF	240A0000	CA201250
P10	227CFFFF	01160F16	CC000000	1	00000000	00000000	00000000	92040000	CAD1E9E3
P10	6C1E2FFF	01F1F9BD	CF000000	0	00000003	00000000	00000000	01020000	CA080481
P10	1B470BFF	01FE7F4F	CF000000	0	00000000	FFFFFFFF	006C2030	80010000	CA000040
P10	D92E7D00	01F497CF	C3000000	0	00000000	00000000	00000000	4DA385F0	CA361720
P11	26D2C300	001AA7F0	03000000	0	00000000	00000000	00000000	00000000	CA000000
P12	26D2C300	001AA7F0	03000000	0	00000000	00000000	00000000	FFFFFFFF	CAFFFFFF
P13	0AE5580F	00000000	03000000	0	00000000	00000000	00000000	FF000000	CA000000
P15	F5E5580F	00000000	03000000	0	00000000	00000000	00000000	00000000	CA000000

00117

SIGMA LOGIC SIMULATION, FMS, CASE 0016									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	41659CC1	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	41659CC1	00000000	41659CC1	0	00000000	00000000	00000000	FF000000	00000000
P02	41000000	00659CC1	41659CC1	0	00000000	0B67F5A8	0067F5A8	80000000	00000000
P03	00000000	00000000	00196730	0	00659CC1	00000000	0067F5A8	00000000	CC000000
P09	00000000	00000000	040659CC	0	00659CC1	00000000	0067F5A8	00000000	CC000000
P10	00000000	0019FD6A	05019673	0	00196730	00000000	00000000	00000000	CC000000
P10	80000000	00067F5A	0100659C	1	000659CC	00000000	00000000	00000000	CC000000
P10	AC000000	00019FD6	00001967	0	00019673	FFFFFFFF	01980A57	00000000	CC000000
P10	57FFFFFF	01F66560	CC000659	1	0000659C	00000000	0067F5A8	50000000	CC00052B
P10	C1FFFFFF	01E06578	C3000196	0	00001967	FFFFFFFF	01980A57	28000000	CC333294
P10	C5800000	0112D76E	0C000065	0	00000659	00000000	00CFEB50	74FFFFFF	CC08112A
P10	2C5FFFFFF	01C14B45	C7000019	0	00000196	00000000	00CFEB50	22400000	CC6D69B5
P10	0387FFFF	01D8F268	C9000006	0	00000065	00000000	0067F5A8	90200000	CC66B5AA
P10	A4E9FFFF	01F66C9A	C6000001	0	00000019	00000000	0067F5A8	00000000	CC337AD4
P10	A93A7FFF	01E8B8F9	C5000000	0	00000006	00000000	00CFEB50	00000000	CC38BE4C
P10	6A4E9FFF	01C73B79	C9000000	0	00000001	00000000	0067F5A8	00000000	CC75DD2C
P10	5A93A7FF	01F544FF	C6000000	0	00000000	00000000	00000000	00000000	CC33FE94
P11	5A93A800	00294393	06000000	0	00000000	00000000	00000000	00000000	CC000000
P12	5A93A800	00294393	06000000	0	00000000	00000000	00000000	FFFFFFFF	CCFFFFFF
P13	0C294393	00000000	06000000	0	00000000	00000000	00000000	00000000	CC000000
P15	0C294393	00000000	06000000	0	00000000	00000000	00000000	00000000	CC000000

00118

SIGMA LOGIC SIMULATION, FMS, CASE 0017									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	CFCF7C1C	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	CFCF7C1C	00000000	CFCF7C1C	0	00000000	00000000	00000000	FF000000	00000000
P02	30000000	01CF7C1C	30CF7C1C	0	00000000	41A80AFD	00A80AFD	80000000	00000000
P03	00000000	00000000	0CF3DFC7	0	01CF7C1C	00000000	00A80AFD	FFFFFFFF	F1FFFFFF
P09	00000000	00000000	03FCF7C1	1	01CF7C1C	00000000	00000000	00000000	F1000000
P10	00000000	00000000	0CF3DFC7	0	0CF3DFC7	00000000	00A80AFD	00000000	F1000000
P10	40000000	002A07BF	0CF3DFC7	0	0CF3DFC7	FFFFFFFF	00AFEAO5	00000000	F1000000
P10	AF000000	01A17A2E	C7FFF3DF	0	0CF3DFC7	00000000	00000000	AC000000	F1150102
P10	03FFFFFF	01E01FCB	C1FFF3DF	1	0CF3DFC7	00000000	00000000	50000000	F1008001
P10	94FFFFFF	01FR67B2	C0FFF3DF	1	0CF3DFC7	00000000	00A80AFD	80000000	F1000000
P10	C53FFFFFF	0104DB53	CCFFF3DF	0	0CF3DFC7	00000000	00000000	40000000	F1540158
P10	E14FFFFFF	01E03682	CFFFF3DF	1	0CF3DFC7	FFFFFFFF	00AFEAO5	20000000	F12A00A8
P10	CFAC0000	0159770B	C7FFF3DF	1	0CF3DFC7	00000000	00A80AFD	70A7FFFF	F1551140
P10	AFC2FFFF	01E91B2D	CFFFF3DF	0	0CF3DFC7	00000000	00000000	AC520000	F12C89A4
P10	43E43FFF	01F164A2	CFFFF3DF	1	0CF3DFC7	FFFFFFFF	0157F502	50210000	F1140A92
P10	B80E8000	012CA54C	03FFF3DF	0	0CF3DFC7	00000000	00A80AFD	29F29FFF	F1AAB241
P10	24BFCBFF	01C8877C	CFFFF3DF	0	0CF3DFC7	00000000	00000000	94R14800	F1545126
P11	B9405400	001FD9A2	CFFFF3DF	1	0CF3DFC7	00000000	00000000	00000000	F1000000
P12	B9405400	001FD9A2	CFFFF3DF	1	0CF3DFC7	00000000	00000000	FFFFFFFF	F1FFFFFF
P13	31E02750	00000000	CFFFF3DF	1	0CF3DFC7	00000000	00000000	FF000000	F1000000
P15	CEE02750	00000000	CFFFF3DF	1	0CF3DFC7	00000000	00000000	00000000	F1000000

00119

SIGMA LOGIC SIMULATION, FMS, CASE 0018									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	D256BCA9	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	D256BCA9	00000000	D256BCA9	0	00000000	00000000	00000000	FF000000	00000000
P02	2D000000	0156BCA9	2D56BCA9	0	00000000	4EDC09A5	00DC09A5	80000000	00000000
P03	00000000	00000000	08D5AF2A	0	0156BCA9	00000000	0123F65A	00000000	FB000000
P09	00000000	00000000	02F56BCA	0	0156BCA9	00000000	0123F65A	00000000	FB000000
P10	80000000	01C8F096	04FD5AF2	0	00D5AF2A	00000000	0047ECB4	00000000	FB000000
P10	A0000000	0163C448	09FF568C	0	00F56BCA	00000000	0047ECB4	00000000	FB20764A
P10	A8000000	014117AD	0AFFD5AF	0	00FD5AF2	00000000	0047ECB4	00000000	FB31F224
P10	6A000000	014DC24F	0AFF568C	1	00FF568C	00000000	00000000	00000000	FB20FB52
P10	5A800000	01DB4F47	02FFD5AF	1	00FFD5AF	FFFFFFF	00DC09A5	00000000	FB006121
P10	E95FFFFF	01C1C980	CCFFFF56	1	00FFF56B	00000000	00000000	00000000	AD400000
P10	9107FFFF	01EB7948	CCFFFFD5	1	00FFFD5A	FFFFFFF	00DC09A5	54000000	FB200048
P10	4E960000	01C5DCA9	0BFFFFFF	0	00FFFFFF	FFFFFFF	00DC09A5	6AD3FFFF	FB7404A4
P10	36EE8000	01DB746A	0AFFFFFF	0	00FFFFFF	00000000	0047ECB4	B76BFFFF	FB6A0652
P10	20615FFF	017DA7A3	C6FFFFFF	0	00FFFFFF	00000000	0123F65A	1B354000	FB25B239
P10	0ED507FF	011FF8F0	C5FFFFFF	0	00FFFFFF	00000000	0123F65A	8C10A000	FB92DB1D
P10	E3B169FF	012BF86D	C5FFFFFF	0	00FFFFFF	00000000	00000000	00080000	FB897D2C
P11	E3B96A00	01B57299	05FFFFFF	1	00FFFFFF	FFFFFFF	00DC09A5	00000001	FB000000
P12	E3B96A00	00917C3F	05FFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFF	FBFFFFFF
P13	3B917C3F	00000000	05FFFFFF	1	00FFFFFF	00000000	00000000	00000000	FB000000
P15	3B917C3F	00000000	05FFFFFF	1	00FFFFFF	00000000	00000000	00000000	FB000000

00120

SIGMA LOGIC SIMULATION, FMS, CASE 0019									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	34284031	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	34284031	00000000	34284031	0	00000000	00000000	00000000	FF000000	00000000
P02	34000000	00284031	34284031	0	00000000	385F8073	005F8073	80000000	00000000
P03	00000000	00000000	00CA1000	0	00284031	00000000	005F8073	00000000	EC000000
P09	00000000	00000000	03028403	0	00284031	00000000	005F8073	00000000	EC000000
P10	C0000000	0017E01C	0400A100	1	000A1000	00000000	00000000	00000000	EC000000
P10	30000000	0005F807	01002840	0	00028403	FFFFFFF	01A07F8C	00000000	EC000000
P10	F3FFFFFF	01E961E2	CC00CA10	0	000CA100	00000000	005F8073	18000000	EC003002
P10	FAFFFFFF	01EDB764	C3000284	0	00002840	00000000	00000000	00000000	EC249031
P10	7CBFFFFFF	01F24905	C00000A1	0	00000A10	00000000	00000000	04000000	EC124A10
P10	5E2FFFFFF	01F80071	C0000028	0	00000284	00000000	00000000	02000000	EC092A08
P10	570BFFFF	01FC491E	C000000A	0	000000A1	00000000	005F8073	01000000	EC040000
P10	5582FFFF	01E9F25B	C4000002	0	00000028	00000000	00000000	00800000	EC2E0009
P10	9540BFFF	01F1FC94	C1000000	0	0000000A	00000000	00BF00E6	80400000	EC140004
P10	85402FFF	01D6BF1D	C8000000	0	00000002	00000000	00BF00E6	40200000	EC5A8042
P10	71580BFF	01CCCFEE	CA000000	0	00000000	00000000	00000000	00000000	EC6F4073
P10	5C5602FF	01E8E3F3	C2000000	0	00000000	00000000	00000000	00000000	EC262111
P11	5c560300	00F0404	02000000	0	00000000	00000000	00000000	00000000	EC000000
P12	5c560300	00F0404	02000000	0	00000000	00000000	00000000	FFFFFFF	ECFFFFFF
P13	5c560300	00F04045	04000000	0	00000000	00000000	00000000	FFFFFFF	ECFFFFFF
P13	2BF04045	00000000	04000000	0	00000000	00000000	00000000	00000000	EC000000
P15	2BF04045	00000000	04000000	0	00000000	00000000	00000000	00000000	EC000000

00121

SIGMA LOGIC SIMULATION, FMS, CASE 0020									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	AFA041E6	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	AFA041E6	00000000	AFA041E6	0	00000000	00000000	00000000	FF000000	00000000
P02	50000000	01A041E6	50A041E6	0	00000000	208E2FD4	008E2FD4	80000000	00000000
P03	00000000	00000000	14F81079	0	01A041E6	00000000	008E2FD4	FFFFFFFF	F0FFFFFF
P09	00000000	00000000	05FAC41E	0	01A041E6	FFFFFFFF	00E3A057	00000000	F0000000
P10	FFFFFFFF	0188E815	C9FE8107	0	00F81079	FFFFFFFF	0171D02B	00000000	F0000000
P10	80000000	C1324E0F	06FFA041	1	00FA041E	FFFFFFFF	00E3A057	FFFFFFFF	F0988000
P10	20000000	C1526396	C9FFE810	0	00FE8107	00000000	008E2FD4	FFFFFFFF	F0593003
P10	77FFFFFF	01E15F10	CEFFFA04	0	00FFA041	FFFFFFFF	00F3A057	10000000	F02011CB
P10	26000000	014BFBA3	07FFFE81	0	00FFE810	00000000	00000000	BBBBFFFF	F0708AA9
P10	A77FFFFFF	01CE00C2	C1FFFA00	0	00FFFA04	00000000	00000000	91000000	F0204450
P10	8D9FFFFFF	01F8A624	C0FFFFFF	0	00FFFE81	FFFFFFFF	0171D02B	40800000	F0002220
P10	CC880000	0122950B	04FFFFFF	0	00FFFA00	00000000	00000000	66CFFFFF	F0880110
P10	EA9DFFFF	01E69106	C1FFFFFF	0	00FFFFFF	00000000	00000000	22440000	F0104880
P10	B2367FFF	01F0B661	C0FFFFFF	0	00FFFFFF	FFFFFFFF	00E3A057	11020000	F0000000
P10	9732E000	0147858D	08FFFFFF	0	00FFFFFF	FFFFFFFF	00E3A057	D99B3FFF	F070D020
P10	AC558A00	C175307E	0AFFFFFF	0	0AFFFFFF	00000000	00000000	EFD0FFFF	F031C002
P11	9C338800	01A6F081	0AFFFFFF	1	00FFFFFF	00000000	008E2FD4	00000000	F0000000
P12	9C338800	00352055	0AFFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFFF	F0FFFFFF
P13	3DCAD2AA	00000000	0AFFFFFF	1	00FFFFFF	00000000	00000000	FF000000	F0000000
P15	C2CAD2AA	00000000	0AFFFFFF	1	00FFFFFF	00000000	00000000	00000000	F0000000

00122

SIGMA LOGIC SIMULATION, FMS, CASE 0021									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	1A96309E	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1A96309E	00000000	1A96309E	0	00000000	00000000	00000000	FF000000	00000000
P02	1A000000	0096309E	1A96309E	0	00000000	5296AF3E	0096AF3E	80000000	00000000
P03	00000000	00000000	06258F67	0	0096309E	00000000	016950C1	FFFFFFFF	FCFFFFFF
P09	00000000	00000000	01096309	1	0096309E	FFFFFFFF	01205E7D	00000000	EC000000
P10	7FFFFFFF	0048579F	C80258F6	0	00258F67	00000000	016950C1	00000000	EC000000
P10	9FFFFFFF	01C88107	CE00963D	0	002963D9	FFFFFFFF	01205E7D	80000000	EC24A840
P10	80000000	018050FA	0700258F	0	00258F67	FFFFFFFF	01205E7D	CFFFFFFF	EC96442A
P10	62000000	0182D1EB	09000963	1	000963D9	FFFFFFFF	0096AF3E	7FFFFFFF	ECDA2E3D
P10	38000000	01F3943A	06000258	1	000258F6	00000000	016950C1	BFFFFFFF	EC49579F
P10	210FFFFFF	0134E409	C0000096	0	00000963	00000000	00000000	9C400000	EC84AA40
P10	2F67FFFF	01E013A5	CF000025	0	00000258	FFFFFFFF	0096AF3E	80200000	EC1A5024
P10	042E0000	01F0302F	03000009	0	00000096	FFFFFFFF	01205E7D	57B3FFFF	EC49099F
P10	1F188000	01AF0R30	03000002	0	00000025	FFFFFFFF	0096AF3E	ERDFFFFF	EC44809F
P10	42CE2000	01E77F64	06000000	0	00000009	FFFFFFFF	0096AF3E	7FFFFFFF	EC53479F
P10	70078800	01C8A561	05000000	0	00000002	FFFFFFFF	01205E7D	3FF7FFFF	EC6B799F
P10	EC2FE200	01A39314	09000000	0	00000000	00000000	00000000	BFFBFFFF	EC940D0E
P11	AC2BE200	00586FF3	09000000	0	00000000	00000000	00000000	00000000	EC000000
P12	AC2BE200	00586FF3	09000000	0	00000000	00000000	00000000	FFFFFFFF	FCFFFFFF
P13	2CA7910D	00000000	09000000	0	00000000	00000000	00000000	FF000000	EC000000
P15	D3A7910D	00000000	09000000	0	00000000	00000000	00000000	00000000	EC000000

00123

SIGMA LOGIC SIMULATION, FMS, CASE 0022									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	28741B96	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	28741B96	00000000	28741B96	0	00000000	00000000	00000000	FF000000	00000000
P02	28000000	00741B96	28741B96	0	00000000	47630A6B	00630A6B	80000000	00000000
P03	00000000	00000000	0A1D06E5	0	00741B96	00000000	00630A6B	00000000	EF000000
P09	00000000	00000000	020741B9	0	00741B96	00000000	00C614D6	00000000	EF000000
P10	80000000	00318535	08C1D06E	0	001D06E5	00000000	00630A6B	00000000	EF000000
P10	A0000000	0014A7D7	0600741B	0	000741B9	00000000	00630A6B	80000000	EF108010
P10	08000000	0019CA6B	05001D06	1	0001D06E	00000000	00C614D6	C0000000	EF084129
P10	32000000	0035E7E5	09000741	1	0000741B	FFFFFFFF	019CF594	80000000	EF042035
P10	137FFFFFF	01E84C91	CE0001D0	0	0001D06E	FFFFFFFF	019CF594	D9000000	EF0A72DA
P10	0D600000	011F72F7	0B000074	0	0000741B	00000000	00C614D6	6DBFFFFFF	EF053A48
P10	6837FFFF	01C7171A	C600001D	0	000001D0	00000000	00000000	26900000	EF639968
P10	53A9FFFF	01E9239C	C1000007	0	00000074	00000000	00000000	10080000	EF218885
P10	50E87FFF	01F22AC6	C0000001	1	0000001D	00000000	00630A6B	08040000	EF108042
P10	D63B1FFF	01E06A3B	C4000000	0	00000007	FFFFFFFF	019CF594	00000000	EF390521
P10	8A713800	01116623	0D000000	0	00000001	00000000	00C614D6	EB1D8FFF	EF0C3298
P10	585B2DFF	01C2D01B	C7000000	0	00000000	00000000	00000000	45088400	EF6A1B49
P11	9D63B200	002CEB64	07000000	0	00000000	00000000	00000000	00000000	EF000000
P12	9D63B200	002CEB64	07000000	0	00000000	00000000	00000000	FFFFFFFF	FFFFFFFF
P13	2F2CEB64	00000000	07000000	0	00000000	00000000	00000000	00000000	EF000000
P15	2F2CEB64	00000000	07000000	0	00000000	00000000	00000000	00000000	EF000000

00124

SIGMA LOGIC SIMULATION, FMS, CASE 0023									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	035216FB	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	035216FB	00000000	035216FB	0	00000000	00000000	00000000	FF000000	00000000
P02	03000000	005216FB	035216FB	0	00000000	69A52CBD	00A52CBD	80000000	00000000
P03	00000000	00000000	001485BE	1	005216FB	00000000	00A52CBD	00000000	EF000000
P09	00000000	00000000	0005216F	1	005216FB	FFFFFFFF	015AD342	00000000	EF000000
P10	8FFFFFFF	0106B4D0	CC01485B	1	001485BE	FFFFFFFF	015AD342	00000000	EF000000
P10	90000000	012319F4	0B005216	1	0005216F	00000000	00000000	5FFFFFFF	ECA94820
P10	33FFFFFF	01E29471	CE001485	1	0001485B	00000000	00000000	08000000	EC108410
P10	4EFFFFFF	01FC8418	CF000521	0	00005216	FFFFFFFF	015AD342	00000000	EC004208
P10	AC4C0000	01298554	09000148	0	0001485B	00000000	014A597A	277FFFFFF	ECAC6104
P10	A2CFFFFFF	01B3EF4A	C6000052	0	00000521	00000000	00A52CBD	12200000	EC94201A
P10	6C3BFFFF	01E088D7	C5000014	0	00000148	00000000	00000000	01000000	EC5A9655
P10	994EFFFF	01EF83AD	C1000005	0	00000052	00000000	014A597A	80000000	EC20482A
P10	0603BFFF	01A12ABC	C8000001	0	00000014	00000000	00000000	40000000	EC852495
P10	51B4EFFF	01C5098A	C2000000	0	00000005	00000000	00A52CBD	00000000	EC50924A
P10	54603BFF	01C02F9F	C4000000	0	00000001	00000000	00A52CBD	00000000	EC628045
P10	D51B4EFF	01C2F0D9	C5000000	0	00000000	00000000	00000000	80000000	EC72144F
P11	551B4F00	0034F728	05000000	0	00000000	00000000	00000000	00000000	EF000000
P12	551B4F00	0034F728	05000000	0	00000000	00000000	00000000	FFFFFFFF	FFFFFFFF
P13	2C34F728	00000000	05000000	0	00000000	00000000	00000000	00000000	EF000000
P15	2C34F728	00000000	05000000	0	00000000	00000000	00000000	00000000	EF000000

00125

SIGMA LOGIC SIMULATION, FMS, CASE 0024									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	2508753F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	2508753F	00000000	2508753F	0	00000000	00000000	00000000	FF000000	00000000
P02	25000000	0008753F	2508753F	0	00000000	43043218	00043218	80000000	00000000
P03	00000000	0008753F	2508753F	0	0008753F	00000000	00000000	00000000	E8000000
P04	00000000	0008753F	2508753F	0	0008753F	00000000	00000000	00000000	E7000000
P05	00000000	00000000	2508753F	0	0008753F	00000000	00043218	00000000	E7000000
P06	00000000	00432180	2508753F	0	0008753F	00000000	00043218	00000000	E6000000
P07	00000000	00000000	09021D4F	1	0008753F	00000000	00432180	00000000	E6000000
P09	00000000	00000000	02008753	1	0008753F	FFFFFFFF	01BCDE7F	00000000	E6000000
P10	FFFFFFFF	01EF379F	000021D4	1	00021D4F	00000000	00000000	00000000	E6000000
P10	FFFFFFFF	01FBCDE7	CF000875	0	0008753	00000000	00000000	00000000	E6000000
P10	FFFFFFFF	01FEF379	CF00021D	0	000021D4	00000000	00432180	00000000	E6000000
P10	7FFFFFFFF	01EF74BE	C3000087	0	00000875	00000000	00432180	00000000	E6211080
P10	9FFFFFFFF	01E3516F	C4000021	1	0000021D	00000000	00432180	00000000	E6319840
P10	E7FFFFFFFF	01E47A2B	C5000008	0	00000087	FFFFFFFF	01BCDE7F	00000000	E63188A0
P10	06000000	011A4B3D	0D000002	0	00000021	00000000	00864300	F3FFFFFF	E6DA6D15
P10	3D7FFFFFF	01C1994A	C7000000	0	00000008	00000000	00000000	81000000	E64D258A
P10	2F1FFFFFF	01E72F30	C1000000	0	00000002	00000000	00864300	0C800000	E6208085
P10	4BE7FFFF	01D07B2D	C8000000	0	00000000	00000000	00000000	00000000	E6530180
P11	4BE80000	00237CAD	08000000	0	00000000	00000000	00000000	00000000	E6C00000
P12	4BE80000	00237CAD	08000000	0	00000000	00000000	00000000	FFFFFFFF	E6FFFFFF
P13	26237CAD	00000000	08000000	0	00000000	00000000	00000000	00000000	E6C00000

00126

SIGMA LOGIC SIMULATION, FMS, CASE 0024									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	26237CAD	00000000	08000000	0	00000000	00000000	00000000	00000000	E6C00000

00127

SIGMA LOGIC SIMULATION, FMS, CASE 0025									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIRREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	2182FDD8	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	2182FDD8	00000000	2182FDD8	0	00000000	00000000	00000000	FF000000	00000000
P02	21000000	0022FDD8	2182FDD8	0	00000000	4A1FEA60	001FEA60	80000000	00000000
P03	00000000	00000000	0820BF76	0	0082FDD8	00000000	001FEA60	00000000	E8000000
P09	00000000	00000000	02082FDD	0	0082FDD8	00000000	00000000	00000000	E8000000
P10	00000000	00000000	00C20BF7	0	0020BF76	00000000	003FD4C0	00000000	E8000000
P10	00000000	000FF530	080082FD	1	00082FDD	00000000	001FEA60	00000000	E8000000
P10	00000000	000407D4	060020BF	0	00020BF7	FFFFFFFF	01E0159F	00000000	E807FC10
P10	FFFFFFFF	01F8F896	CD00082F	1	000082FD	00000000	003FD4C0	00000000	E8020ACA
P10	3FFFFFFFF	01F149A7	C700020B	1	000020BF	FFFFFFFF	01E0159F	00000000	E81D6C61
P10	70000000	01030C16	0D000082	1	0000082F	00000000	00000000	9FFFFFFFF	EBF8A6D3
P10	7BFFFFFFFF	01FEEAB1	CF000020	1	0000020B	00000000	00000000	08000000	E8000209
P10	1CFFFFFFFF	01FFBA2E	CF000008	0	00000082	FFFFFFFF	01E0159F	84000000	E8000100
P10	59C00000	0107EBAC	0B000002	0	00000020	00000000	001FEA60	4E7FFFFFF	EBF00887
P10	C5EFFFFFF	01FA0252	C2000000	0	00000008	00000000	00000000	24200000	E80BF552
P10	3873FFFF	01FC70C0	C0000000	0	00000002	00000000	003FD4C0	02100000	EB050029
P10	4E98FFFF	01F1AA4A	C8000000	0	00000000	00000000	00000000	00080000	EB1EAA60
P11	4EA10000	001054AA	08000000	0	00000000	00000000	00000000	00000000	E8000000
P12	4EA10000	001054AA	08000000	0	00000000	00000000	00000000	FFFFFFFF	EBFFFFFF
P13	2B1054AA	00000000	08000000	0	00000000	00000000	00000000	00000000	E8000000
P15	2B1054AA	00000000	08000000	0	00000000	00000000	00000000	00000000	E8000000

00128

SIGMA LOGIC SIMULATION, FMS, CASE 0026									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIRREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	17DA99E6	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	17DA99E6	00000000	17DA99E6	0	00000000	00000000	00000000	FF000000	00000000
P02	17000000	00DA99E6	17DA99E6	0	00000000	5A0DC619	000DC619	80000000	00000000
P03	00000000	00000000	17DA99E6	0	00DA99E6	00000000	000DC619	00000000	F1000000
P06	00000000	00DC6190	17DA99E6	0	00DA99E6	00000000	000DC619	00000000	F0000000
P07	00000000	00000000	0536A679	0	00DA99E6	00000000	000DC6190	00000000	F0000000
P09	00000000	00000000	010DA99E	0	00DA99E6	00000000	01B8C320	00000000	F0000000
P10	00000000	006E30C8	08036A67	0	0036A679	00000000	00DC6190	00000000	F0000000
P10	00000000	002C9456	0600DA99	1	00DA99E6	00000000	01B8C320	00000000	F0261040
P10	80000000	006C91CD	090036A6	0	00036A67	FFFFFFFF	01239E6F	00000000	F0164820
P10	9FFFFFFFF	01D651E0	CE000DA9	0	0000DA99	00000000	01B8C320	00000000	F0134C36
P10	97FFFFFFFF	019F77BD	C700036A	0	000036A6	00000000	01B8C320	40000000	F0C92090
P10	75FFFFFFFF	01EBA503	C90000DA	0	00000DA9	00000000	00DC6190	00000000	F0CCB1D8
P10	DD7FFFFFF	01EAD052	C6000036	0	0000036A	00000000	01B8C320	00000000	F06E50C8
P10	B75FFFFFF	018F13AE	C9000000	0	000000DA	00000000	01B8C320	00000000	F0F568A0
P10	ADD7FFFF	0180AC0B	CAC00003	0	00000036	00000000	01B8C320	00000000	F0DEA1D0
P10	E875FFFF	018EB33E	CAC00000	1	00000000	00000000	00DC6190	00000000	F0DC51A0
P10	BADD7FFF	01ED67CB	C6000000	0	00000003	FFFFFFFF	01239E6F	00000000	F06E38C8
P10	1148A000	0128319B	00000000	0	00000000	00000000	00000000	DD6EBFFF	F0B79C65
P11	EER76000	010FCFC0	00000000	0	00000000	00000000	00DC6190	00000000	F0000000
P12	EEB76000	00B02F90	00000000	0	00000000	00000000	00000000	FFFFFFFF	F0FFFFFF
P13	30BC2F90	00000000	00000000	0	00000000	00000000	00000000	00000000	F0000000
P15	30BC2F90	00000000	00000000	0	00000000	00000000	00000000	00000000	F0000000

00129

SIGMA LOGIC SIMULATION, FMS, CASE 0027

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	R REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	15B897C4	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	15B897C4	00000000	15B897C4	0	00000000	00000000	00000000	FF000000	00000000
P02	15000000	00B897C4	15B897C4	0	00000000	41A766B3	00A766B3	80000000	00000000
P03	00000000	00000000	052E25F1	0	00B897C4	00000000	00A766B3	00000000	D6000000
P09	00000000	00000000	010B897C	0	00B897C4	00000000	00000000	00000000	D6000000
P10	00000000	00000000	0002E25F	0	002E25F1	00000000	00A766B3	00000000	D6000000
P10	C0000000	0029D9AC	C400B897	1	000B897C	00000000	00000000	00000000	D6000000
P10	30000000	00CA766B	C1002E25	1	0002E25F	FFFFFFFF	0158994C	00000000	D6000000
P10	F3FFFFFF	01D4BRC9	CC000B89	0	0000B897	00000000	00000000	18000000	D6040A24
P10	7AFFFFFFFF	01F42CFB	CF0002E2	0	00002E25	00000000	014ECD66	08000000	D6020400
P10	5CBFFFFFF	01AE3967	C7000088	0	00000889	00000000	00A766B3	04000000	D6A30A31
P10	562FFFFFF	01EA9679	C500002E	0	000002E2	00000000	014ECD66	82000000	D6539319
P10	B50BFFFF	01RDF2C1	C900000B	0	00000008	00000000	00000000	81000000	D6A54B8C
P10	4D02FFFF	01C62F6F	C2000002	1	0000000E	00000000	014ECD66	4C000000	D652A100
P10	4360BFFF	01B69782	C8000000	1	00000000	FFFFFFFF	0158994C	20000000	D6A356B3
P10	6727D000	011357DF	0FC00000	0	00000002	FFFFFFFF	0158994C	31005FFF	D6D94841
P10	AA5A1C00	0124A1P4	0B000000	0	00000000	00000000	00000000	8BDBEFFF	D6ACACA6
P11	66360000	01D14F5B	0B000000	0	00000000	00000000	00A766B3	00000000	D6000000
P12	66360000	0078050E	0B000000	0	00000000	00000000	00000000	FFFFFFFF	D6FFFFFF
P13	1678B50E	00000000	03000000	0	00000000	00000000	00000000	00000000	D6000000
P15	1678B50E	00000000	03000000	0	00000000	00000000	00000000	00000000	D6000000

00130

SIGMA LOGIC SIMULATION, FMS, CASE 0028

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	R REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	136AF5B2	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	136AF5B2	00000000	136AF5B2	0	00000000	00000000	00000000	FF000000	00000000
P02	13000000	006AF5B2	136AF5B2	0	00000000	26C9BAD5	00C9BAD5	80000000	00000000
P03	00000000	00000000	041ABD6C	0	006AF5B2	00000000	00C9BAD5	00000000	B9000000
P09	00000000	00000000	0106AF5B	0	006AF5B2	00000000	019375AA	00000000	B9000000
P10	80000000	00640D6A	C801ABD6	1	001ABD6C	00000000	00000000	00000000	B9000000
P10	A0000000	0019375A	C2006AF5	1	0006AF5B	FFFFFFFF	0136452A	00000000	B9000000
P10	17FFFFFF	01CRD09C	CC001ABD	0	001ABD6C	FFFFFFFF	0136452A	50000000	B9080285
P10	EE000000	013066CC	0B0006AF	0	00006AF5	00000000	019375AA	2BFFFFFF	B9852246
P10	317FFFFFF	018ACC48	C60001AB	1	00001ABD	00000000	00C9BAD5	15000000	B9CAB367
P10	891FFFFFF	01F2717E	C500006A	1	000006AF	FFFFFFFF	0136452A	88000000	B9657722
P10	BF9A0000	012C5A5D	0C00001A	1	000001AB	00000000	00000000	44CFFFFFF	B9B32A95
P10	3E05FFFF	01E70C32	CF000000	1	0000006A	FFFFFFFF	0136452A	82440000	B910050A
P10	900B8000	01306704	0C000001	1	0000001A	FFFFFFFF	0136452A	5F6AFFFF	B99B2295
P10	CC13A000	0127402E	CAF00000	0	00000000	FFFFFFFF	0136452A	6FF0FFFF	B9993382
P10	97046800	012200A1	CAF00000	0	00000001	00000000	019375AA	77FFFFFF	B99BA095
P10	883EE5FF	018AB627	C6000000	0	00000000	00000000	00000000	8A823400	B9C99200
P11	43C11A00	005448F8	06000000	0	00000000	00000000	00000000	00000000	B9000000
P12	43C11A00	005448F8	06000000	0	00000000	00000000	00000000	FFFFFFFF	B9FFFFFF
P13	79000000	00000000	06000000	0	00000000	00000000	00000000	00000000	B9000000
P15	00000000	00000000	06000000	0	00000000	00000000	00000000	00000000	B9000000

00131

SIGMA LOGIC SIMULATION, FMS, CASE 0029									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	F3578058	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	F3578058	00000000	F3578058	0	00000000	00000000	00000000	FF000000	00000000
P02	0C000000	01578058	0C578058	0	00000000	51234034	00234034	80000000	00000000
P03	00000000	00000000	0305E016	0	01578058	00000000	00234034	FFFFFFF	DDFFFFFF
P09	00000000	00000000	00F57805	0	01578058	00000000	00000000	00000000	DD000000
P10	00000000	00000000	00FD5E01	0	00D5E016	FFFFFFF	01B97F97	00000000	DD000000
P10	FFFFFFF	01EF5FE5	C8FF5780	0	00F57805	FFFFFFF	01DCBFCB	00000000	DD000000
P10	80000000	010CB80B	06FFD5EC	0	00FD5E01	FFFFFFF	01DCBFCB	FFFFFFF	DD660FE0
P10	20000000	01008208	05FFF578	0	00FF5780	00000000	00000000	FFFFFFF	DD665FE5
P10	77FFFFFF	01FAF77B	C1FFF05E	0	00FFD5E0	00000000	00000000	10000000	DD020100
P10	09FFFFFF	01FF309E	C0FFF578	0	00FFF578	00000000	00000000	08000000	DD010080
P10	847FFFFFF	01FFCF47	C0FFF05E	1	00FFF05E	FFFFFFF	01B97F97	04000000	DD000040
P10	13E00000	0111AC24	08FFFFFF5	0	00FFFFFF5	00000000	00234034	DA3FFFFFF	DDCA7A3
P10	F277FFFF	01FB92EC	CEFFFFFF0	0	00FFFF05	FFFFFFF	01B97F97	09100000	DD080212
P10	41260000	011287DA	07FFFFFF	0	00FFFFFF5	FFFFFFF	01DCBFCB	70B8FFFF	DD0CE94B
P10	80088000	0104B656	05FFFFFF	0	00FFFFFFD	FFFFFFF	01DCBFCB	BEDFFFFF	DD0E57E5
P10	3C7E2000	0100979E	05FFFFFF	0	00FFFFFFF	00000000	00000000	DF6FFFFF	DD665BE3
P11	1BFE2000	01F3F382	05FFFFFF	1	00FFFFFFF	00000000	00234034	00000000	DD000000
P12	1BFE2000	001733B6	05FFFFFF	1	00FFFFFFF	00000000	00000000	FFFFFFF	DDFFFFFF
P13	1DE8CC4A	00000000	05FFFFFF	1	00FFFFFFF	00000000	00000000	FF000000	DD000000
P15	E2F8CC4A	00000000	05FFFFFF	1	00FFFFFFF	00000000	00000000	00000000	DD000000

00132

SIGMA LOGIC SIMULATION, FMS, CASE 0030									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	C08DDF82	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	C08DDF82	00000000	C08DDF82	0	00000000	00000000	00000000	FF000000	00000000
P02	3F000000	018DDF82	3F8DDF82	0	00000000	06AEF1A4	00AEF1A4	80000000	00000000
P03	00000000	00000000	0FE377E0	0	018DDF82	00000000	00AEF1A4	FFFFFFF	C5FFFFFF
P09	00000000	00000000	03F8DDF8	0	018DDF82	FFFFFFF	00A21CB7	00000000	C5000000
P10	FFFFFFF	01A8872D	C8FE377E	0	00FE377E	00000000	00000000	00000000	C5000000
P10	7FFFFFFF	01EA21CB	C2FF8DDF	0	00F8DDF8	00000000	00000000	00000000	C5000000
P10	0FFFFFFF	01FA8872	C0FFE377	1	00FE377E	FFFFFFF	00A21CB7	00000000	C5000000
P10	48000000	01962531	08FFF80D	1	00FF8DDF	00000000	00AEF1A4	6FFFFFFF	C5510419
P10	09FFFFFF	01EA7423	CEFFFF37	0	00FFE377	00000000	00000000	A4000000	C52B1298
P10	EB7FFFFFF	01F059AE	CFFFFF8D	1	00FFF8DD	FFFFFFF	00A21CB7	00000000	C5150800
P10	45200000	0151D346	07FFFFE3	0	00FFFE37	00000000	00AEF1A4	75BFFFFFF	C5580C53
P10	4C27FFFF	01E9C8AC	0DFFFFF8	1	00FFFF8D	FFFFFFF	00A21CB7	22900000	C52C6AA3
P10	24520000	0159LFEE	07FFFFE3	0	00FFFE37	00000000	00AEF1A4	B75BFFFF	C5542453
P10	64C27FFF	01E8CF86	0DFFFFF8	0	00FFFFF8	FFFFFFF	01510E5B	12290000	C52E72F3
P10	A2452000	0125FF8B	03FFFFFF	0	00FFFFFFE	FFFFFFF	00A21CB7	BB75BFFF	C5B42769
P10	79E3D800	014CF005	08FFFFFF	0	00FFFFFFF	00000000	00000000	DD8ADFFF	C5521655
P11	576E8800	019FC02B	04FFFFFF	1	00FFFFFFF	00000000	00AEF1A4	00000000	C5000000
P12	576E8800	004DF0CF	08FFFFFF	1	00FFFFFFF	00000000	00000000	FFFFFFF	C5FFFFFF
P13	05E20231	00000000	08FFFFFF	1	00FFFFFFF	00000000	00000000	FF000000	C5000000
P15	FAE20231	00000000	08FFFFFF	1	00FFFFFFF	00000000	00000000	00000000	C5000000

00133

SIGMA LOGIC SIMULATION, FMS, CASE 0031

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	E699AD73	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	E699AD73	00000000	E699AD73	0	00000000	00000000	00000000	FF000000	00000000
P02	19000000	0199AD73	1999AD73	0	00000000	3D60D0A5	0060D0A5	80000000	00000000
P03	00000000	00000000	06F66B5C	1	0199AD73	00000000	0060D0A5	FFFFFFFF	D6FFFFFF
P09	00000000	00000000	01F99AD7	0	0199AD73	00000000	0060D0A5	00000000	D6000000
P10	40000000	00183429	0CFE66B5	1	00E66B5C	FFFFFFFF	019F2F5A	00000000	D6000000
P10	FFFFFFF	01F1C6DC	C3FF99AD	0	00F99AD7	00000000	0060D0A5	20000000	D60C1204
P10	73FFFFFF	01E3411F	CCFE66B5	0	00FE66B5	FFFFFFFF	013E5EB5	10000000	D6306942
P10	27000000	013B5DBA	07FF99A	1	00FF99AD	FFFFFFFF	019F2F5A	B9FFFFFF	D699248B
P10	D8400000	010F559A	05FFE66	1	00FFE66B	00000000	0060D0A5	5FFFFFFF	D6C096C0
P10	A1FFFFFF	01E884FC	0DFFFF99	1	00FFF99A	00000000	0060D0A5	AC200000	D626EA46
P10	C373FFFF	01E8AF87	0BFFFFF6	0	00FFF666	00000000	0060D0A5	50100000	D6306072
P10	2408FFFF	01E0C704	CAFFFFF9	0	00FFFF99	FFFFFFFF	013E5EB5	A0080000	D6307053
P10	9ECBC000	01383A4C	06FFFFFF	0	00FFFFFF6	FFFFFFFF	013F5EB5	D26C7FFF	D69F2B6A
P10	EC061000	012653E4	09FFFFFF	0	00FFFFFF9	FFFFFFFF	019F2F5A	6F77FFFF	D69F1036
P10	1F178400	01099862	06FFFFFF	0	00FFFFFFE	FFFFFFFF	013E5EB5	77F8FFFF	D6CF8FB8
P10	25C4E100	013E125B	09FFFFFF	0	00FFFFFFF	00000000	00000000	BFFFFFFF	D687CF59
P11	E5C4E100	01C5E1B4	09FFFFFF	1	00FFFFFFF	00000000	0060D0A5	00000000	D6000000
P12	E5C4E100	0026B259	09FFFFFF	1	00FFFFFFF	00000000	00000000	FFFFFFFF	D6FFFFFF
P13	16094DA7	00000000	09FFFFFF	1	00FFFFFFF	00000000	00000000	FF000000	D6000000
P15	E9094DA7	00000000	09FFFFFF	1	00FFFFFFF	00000000	00000000	00000000	D6000000

00134

SIGMA LOGIC SIMULATION, FMS, CASE 0032

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	2C798B51	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	2C798B51	00000000	2C798B51	0	00000000	00000000	00000000	FF000000	00000000
P02	20000000	00798B51	2C798B51	0	00000000	36667A40	00667A40	80000000	00000000
P03	00000000	00000000	0B1E6204	0	00798B51	00000000	00667A40	00000000	E7000000
P09	00000000	00000000	00798B51	0	00798B51	00000000	00667A40	00000000	E7000000
P10	00000000	00199F97	0401E620	0	001E6204	00000000	00000000	00000000	E7000000
P10	00000000	000667A4	0100798B	0	00798B51	00000000	00667A40	00000000	E7000000
P10	00000000	00180779	04001E62	1	001E6204	00000000	00667A40	00000000	E7033100
P10	40000000	001F530E	05000798	1	0000798B	FFFFFFFF	019985BF	00000000	E70119A0
P10	6FFFFFFF	01E1F304	00001E6	0	00001E62	FFFFFFFF	019985BF	20000000	E70C8807
P10	2C000000	01103FAB	03000079	0	00000798	00000000	00667A40	B7FFFFFF	E7C400EB
P10	26FFFFFF	01FFE140	0200001E	0	000001E6	00000000	00CF480	92000000	E7223075
P10	603FFFFFF	01004A2D	00000007	0	00000079	00000000	00667A40	01000000	F7777AA0
P10	580FFFFFF	01F452E3	06000001	1	0000001E	00000000	00CF480	00000000	E7333D10
P10	D6E3FFFF	0102EAC8	03000000	0	00000007	FFFFFFFF	019985BF	00000000	E77A3A48
P10	CA470000	0102564F	0E000000	0	00000001	00000000	00CF480	6971FFFF	E7E05364
P10	E84DBFFF	010A706A	07000000	0	00000000	00000000	00000000	25008000	E7662822
P11	006E4000	0030A78D	07000000	0	00000000	00000000	00000000	00000000	E7000000
P12	006E4000	0030A78D	07000000	0	00000000	00000000	00000000	FFFFFFFF	E7FFFFFF
P13	2730A78D	00000000	07000000	0	00000000	00000000	00000000	00000000	E7000000
P15	2730A78D	00000000	07000000	0	00000000	00000000	00000000	00000000	E7000000

00135

SIGMA L8GIC SIMULATION, FMS, CASE 0033

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	2B5FA631	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	2B5FA631	00000000	2B5FA631	0	00000000	00000000	00000000	FF000000	00000000
P02	2B000000	005FA631	2B5FA631	0	00000000	5DAA9C62	00AA9C62	80000000	00000000
P03	00000000	00000000	0A17E98C	0	005FA631	00000000	00AA9C62	00000000	0R000000
P09	00000000	00000000	0205FA63	0	005FA631	00000000	00AA9C62	00000000	0R000000
P10	80000000	002AA718	04017E98	1	0017E98C	00000000	00000000	00000000	0R000000
P10	20000000	000AA9C6	01005FA6	0	0005FA63	FFFFFFFF	0155639D	00000000	0R000000
P10	F7FFFFFF	01D7F296	CCC017E9	0	00017E98	00000000	00AA9C62	10000000	0R001002
P10	B9FFFFFF	01DF5F8D	C30005FA	0	00005FA6	00000000	015538C4	08000000	08414861
P10	2C7FFFFFF	01B2CBCA	C800017E	0	000017E9	00000000	00AA9C62	84000000	08AAAC62
P10	AA1FFFFFF	01ECBFF2	C600005F	0	000005FA	00000000	015538C4	02000000	08554631
P10	EAC7FFFF	01BB30C1	C9000017	1	0000017E	00000000	015538C4	01000000	08AA9F78
P10	7AC1FFFF	019125EF	CA000005	1	0000005F	FFFFFFFF	0155639D	00000000	08DD9C20
P10	A14FB000	01067694	0E000001	0	00000017	00000000	00000000	BD60FFFF	08EA92D6
P10	870B0FFF	01FR3910	CF000000	0	00000005	00000000	015538C4	50AC4000	0801094A
P10	B5EAE7FF	01ABC277	C7000000	0	00000001	00000000	00AA9C62	00002000	08A89CA0
P10	6D7AB1FF	01EA78B9	C5000000	0	00000000	00000000	00000000	00001000	08554F11
P11	6D7AC200	003FBFCA	05000000	0	00000000	00000000	00000000	00000000	0R000000
P12	6D7AC200	003FBFCA	05000000	0	00000000	00000000	00000000	FFFFFFFF	08FFFFFF
P13	483FBFCA	00000000	05000000	0	00000000	00000000	00000000	00000000	0R000000
P15	483FBFCA	00000000	05000000	0	00000000	00000000	00000000	00000000	0R000000

00136

SIGMA L8GIC SIMULATION, FMS, CASE 0034

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	EDD28F48	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	EDD28F48	00000000	EDD28F48	0	00000000	00000000	00000000	FF000000	00000000
P02	12000000	01D28F48	12028F48	0	00000000	67F4A1FA	00F4A1EA	80000000	00000000
P03	00000000	00000000	04F4A3D2	0	01D28F48	00000000	00F4A1EA	FFFFFFFF	F9FFFFFF
P09	00000000	00000000	01FD28F4	0	01D28F48	00000000	00000000	00000000	F9000000
P10	00000000	00000000	00FF4A3D	0	00F4A3D2	FFFFFFFF	0016BC2B	00000000	F9000000
P10	FFFFFFFF	0185AF0A	C8FFD28F	0	00FD28F4	00000000	00000000	00000000	F9000000
P10	BFFFFFFFF	01E16RC2	C2FFF4A3	1	00FF4A3D	FFFFFFFF	01085E15	00000000	F9000000
P10	00000000	013A8B75	04FFD28F	1	00FFD28F	00000000	00F4A1EA	5FFFFFFFF	F980A500
P10	E3FFFFFF	01D3A267	00FFFF4A	0	00FF4A3	00000000	00000000	28000000	F9585280
P10	F2FFFFFF	01E2FC35	00FFFFD2	0	00FFFD28	FFFFFFFF	01085E15	10000000	F9280110
P10	07400000	013068CC	03FFFFFF	0	00FFFFFF	FFFFFFFF	0016BC2B	F97FFFFFF	F9952E0A
P10	40700000	016CF8BB	08FFFFFF	0	00FFFD2	FFFFFFFF	0016BC2B	7FFFFFFFF	F90A1605
P10	70000000	015C1525	0AFFFFFF	0	00FFFFFF	00000000	00000000	BFFFFFFFF	F9075F15
P10	33CFFFFF	0106D28C	C2FFFFFF	1	00FFFFFF	FFFFFFFF	01085E15	98060000	F9020A82
P10	D5014000	0137E186	04FFFFFF	0	00FFFFFF	00000000	00F4A1EA	5DFF7FFF	F9812042
P10	A23F8FFF	01D09R4B	00FFFFFF	0	00FFFFFF	00000000	00000000	2A8CA000	F95AD0F1
P11	CCC03000	002R6C2C	00FFFFFF	1	00FFFFFF	00000000	00000000	00000000	F9000000
P12	CCC03000	002R6C2C	00FFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFFF	F9FFFFFF
P13	39D493D4	00000000	00FFFFFF	1	00FFFFFF	00000000	00000000	FF000000	F9000000
P15	C6D493D4	00000000	00FFFFFF	1	00FFFFFF	00000000	00000000	00000000	F9000000

00137

SIGMA LOGIC SIMULATION, FMS, CASE 0035									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	R1REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	09A37D9E	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	09A37D9E	00000000	09A37D9E	0	00000000	00000000	00000000	FFFFFFFF	00000000
P02	09000000	00A37D9E	09A37D9E	0	00000000	632A5F9E	002A5F9E	80000000	00000000
P03	00000000	00000000	0228DF67	0	00A37D9E	00000000	01D5A061	FFFFFFFF	ECFFFFFFFF
P09	00000000	00000000	00CA37D9	1	00A37D9E	FFFFFFFF	0054BF3D	00000000	EC000000
P10	7FFFFFFFF	00152FCF	C8028DF6	0	0028DF67	00000000	01D5A061	00000000	EC000000
P10	9FFFFFFFF	01F023EB	CE0CA37D	0	000A37D9	FFFFFFFF	0054BF3D	80000000	FC0A9020
P10	B8000000	01E8833D	07C028DF	0	00028DF6	FFFFFFFF	0054BF3D	FFFFFFFF	EC285994
P10	22000000	01E5D965	09000A37	1	0000A37D	FFFFFFFF	002A5F9E	FFFFFFFF	EC344D9F
P10	48800000	01FFF2D9	0600028D	1	000028DF	00000000	01D5A061	7FFFFFFFF	EC122FCF
P10	CDDFFFFFF	0105F1D	CD000CA3	0	0000CA37	00000000	00000000	A4400000	ECB5164
P10	5A67FFFF	01F9439E	CF000028	1	0000028D	FFFFFFFF	0054BF3D	42200000	EC052882
P10	79FE0000	01EA3508	070000CA	0	000000CA	00000000	01D5A061	2D33FFFF	EC2A95CF
P10	95377FFF	01054029	00000002	0	0000000A	FFFFFFFF	002A5F9E	94910000	ECF55AA4
P10	FF966000	01F69144	03000000	0	0000000A	FFFFFFFF	0054BF3D	4ADBFFFF	EC12AD56
P10	D2AC8800	01EC2ACB	08000000	0	00000002	FFFFFFFF	0054BF3D	7FEFFFFF	EC2B5EAA
P10	14AF2200	01E4F057	0AC00000	0	00000000	00000000	00000000	FFF7FFFF	EC361F55
P11	14A72200	001B0FAD	0AC00000	0	00000000	00000000	00000000	00000000	EC000000
P12	14A72200	001B0FAD	0AC00000	0	00000000	00000000	00000000	FFFFFFFF	ECFFFFFFFF
P13	2CE4F053	00000000	0A000000	0	00000000	00000000	00000000	FF000000	EC000000
P15	D3E4F053	00000000	CAC00000	0	00000000	00000000	00000000	00000000	FC000000

00138

SIGMA LOGIC SIMULATION, FMS, CASE 0036									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	R1REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	29815B7C	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	29815B7C	00000000	29815B7C	0	00000000	00000000	00000000	FFFFFFFF	00000000
P02	29000000	00815B7C	29815B7C	0	00000000	36704AB6	00704AB6	80000000	00000000
P03	00000000	00000000	0A20560F	0	00815B7C	00000000	00704AB6	00000000	00000000
P09	00000000	00000000	020815B7	1	00815B7C	00000000	00000000	00000000	00000000
P10	00000000	00000000	00020560	1	0020560F	FFFFFFFF	018FB549	00000000	00000000
P10	7FFFFFFFF	01F3E752	0000815B	0	000815B7	00000000	00000000	00000000	00000000
P10	9FFFFFFFF	01F8F854	CF002056	1	00020560	00000000	00E0956C	00000000	00000000
P10	27FFFFFFFF	01C6188E	07000815	1	0000815B	FFFFFFFF	018FB549	00000000	00000000
P10	76000000	010E7099	00000205	0	00002056	FFFFFFFF	018FB549	13FFFFFFFF	00E30005
P10	66000000	01185005	00000081	0	00000815	00000000	00E0956C	88FFFFFFFF	00C79FE4
P10	775FFFFFF	010CFE63	06000000	0	00000000	00000000	00704AB6	11400000	00604A32
P10	D987FFFF	01F7F099	05000008	0	00000008	00000000	00704AB6	08A00000	00302559
P10	B449FFFF	01F0E51D	05000002	0	00000000	00000000	00000000	84400000	00383500
P10	4C027FFF	01F57434	C1000000	0	00000008	00000000	00000000	42200000	00141286
P10	83889FFF	01F859AC	00000000	0	00000002	00000000	00E0956C	20000000	00CA0802
P10	A8F227FF	01C4B130	C8000000	0	00000000	00000000	00000000	00000000	00740C96
P11	A8E22800	0038B0C6	08000000	0	00000000	00000000	00000000	00000000	00000000
P12	A8E22800	0038B0C6	08000000	0	00000000	00000000	00000000	FFFFFFFF	00FFFFFFFF
P13	1F38B0C6	00000000	08000000	0	00000000	00000000	00000000	00000000	00000000
P15	1F38B0C6	00000000	08000000	0	00000000	00000000	00000000	00000000	00000000

00139

SIGMA LOGIC SIMULATION, FMS, CASE 0037

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	1FA1365B	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1FA1365B	00000000	1FA1365B	0	00000000	00000000	00000000	FF000000	00000000
P02	1F000000	00A1365B	1FA1365B	0	00000000	5A962CAD	00962CAD	80000000	00000000
P03	00000000	00000000	07284D96	1	00A1365B	00000000	00962CAD	00000000	F9000000
P09	00000000	00000000	010A1365	1	00A1365B	FFFFFFFF	0169D352	00000000	F9000000
P10	8FFFFFFF	01DA74D4	CC0284D9	0	00284D96	FFFFFFFF	0169D352	00000000	F9000000
P10	90000000	012CE9E1	0800A136	0	000A1365	00000000	012C595A	5FFFFFFF	F9A42828
P10	F3FFFFFF	01A92624	C600284D	0	000284D9	00000000	00962CAD	08000000	F99634B4
P10	7EFFFFFF	01EA4F8F	C5000A13	0	0000A136	00000000	012C595A	00000000	F94B1252
P10	DFBFFFFFF	01A34121	C9000284	1	0000284D	00000000	00962CAD	00000000	F9B52DAD
P10	77FFFFFF	01E01008	C6000A13	0	0000A136	FFFFFFFF	0169D352	80000000	F95B96D6
P10	0204C000	01349563	0D000028	0	00000028	00000000	00962CAD	7BF7FFFF	F9B4C929
P10	DE7CFFFF	01C59C39	C30000CA	0	000000CA	00000000	00962CAD	81020000	F95A4694
P10	17DFBFFF	01C27080	C40000C2	0	000000C2	00000000	00000000	00000000	F96B065E
P10	B5F7EFFF	01E45FF7	C1000000	0	0000000A	00000000	012C595A	00000000	F9210200
P10	6D7DFBFF	01B9C16B	C8000000	0	00000002	00000000	012C595A	00000000	F9942D29
P10	1B5F7EFF	01806046	CA000000	0	00000000	00000000	00000000	80000000	F9DE24B5
P11	9B5F7F00	005F91FB	CA000000	0	00000000	00000000	00000000	00000000	F9000000
P12	9B5F7F00	005F91FB	0A000000	0	00000000	00000000	00000000	FFFFFFFF	F9FFFFFF
P13	395E91FB	00000000	0A000000	0	00000000	00000000	00000000	00000000	F9000000
P15	395E91FB	00000000	0A000000	0	00000000	00000000	00000000	00000000	F9000000

00140

SIGMA LOGIC SIMULATION, FMS, CASE 0038

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	FC7CF1CC	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	FC7CF1CC	00000000	FC7CF1CC	0	00000000	00000000	00000000	FF000000	00000000
P02	03000000	017CF1CC	037CF1CC	0	00000000	5A5ACF3B	005ACF3B	80000000	00000000
P03	00000000	00000000	00DF3C73	0	017CF1CC	00000000	005ACF3B	FFFFFFFF	00FFFFFF
P09	00000000	00000000	00F7CF1C	1	017CF1CC	00000000	00000000	00000000	00000000
P10	00000000	00000000	00DF3C73	0	00DF3C73	00000000	005ACF3B	00000000	00000000
P10	00000000	0016B3CF	00FF7CF1	1	00F7CF1C	FFFFFFFF	01A530C4	00000000	00000000
P10	8FFFFFFF	01E0E0C2	C3FFF3C0	0	00DF3C73	00000000	005ACF3B	60000000	00021862
P10	FBFFFFFF	01E0D0E6	CCFFF7CF	0	00FF7CF1	FFFFFFFF	014A6189	00000000	00256431
P10	81000000	01208217	07FFF0F3	1	00DF3C73	00000000	00000000	00000000	00B6B200
P10	DF3FFFFFF	01E58031	C1FFFF7C	1	00FFF7CF	00000000	005ACF3B	40000000	00104108
P10	A7EFFFFFF	01EBC080	CCFFFF0F	0	00FFFF0F	00000000	00000000	00000000	0028669C
P10	01FBFFFF	01F0E987	CFFFFFF7	1	00FFFF7C	FFFFFFFF	01A530C4	50000000	00142040
P10	E8810000	01107F40	03FFFFFF	1	00FFFF0F	00000000	005ACF3B	28000000	000A1062
P10	70F3FFFF	01E42846	CCFFFFFF	0	00FFFFF7	00000000	00000000	14400000	00202F31
P10	D927EFFF	01F241DD	CFFFFFFF	0	00FFFFFF	FFFFFFFF	014A6189	08200000	00121400
P10	08BEC400	012A8D15	07FFFFFF	0	00FFFFFF	00000000	00000000	EC937F7F	00A92004
P11	F851FC00	0103A009	07FFFFFF	1	00FFFFFF	00000000	005ACF3B	00000000	00000000
P12	F851FC00	002E7014	07FFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFFF	00FFFFFF
P13	1DD182FC	00000000	07FFFFFF	1	00FFFFFF	00000000	00000000	FF000000	00000000
P15	E2D182EC	00000000	07FFFFFF	1	00FFFFFF	00000000	00000000	00000000	00000000

00141

SIGMA LOGIC SIMULATION, FMS, CASE 0039

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	E486C662	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	E486C662	00000000	F486C662	0	00000000	00000000	00000000	FF000000	00000000
P02	1B000000	0186C662	1886C662	0	00000000	283DB547	003DB547	80000000	00000000
P03	00000000	00000000	06E1B198	0	0186C662	00000000	003DB547	FFFFFFFF	C3FFFFFF
P09	00000000	00000000	01F86C66	0	0186C662	FFFFFFFF	01849571	00000000	C3000000
P10	7FFFFFFF	01E1255C	08FE1B19	0	00F1B198	00000000	00000000	00000000	C3000000
P10	1FFFFFFF	01F84957	02FF86C6	0	00F86C66	FFFFFFFF	01849571	00000000	C3000000
P10	B8000000	011F3709	08FFE1B1	0	00FE1B19	FFFFFFFF	01C24AB8	8FFFFFFF	C3C000A8
P10	72000000	01075F46	06FFF86C	0	00FF86C6	FFFFFFFF	01849571	5FFFFFFF	C3E10154
P10	F4800000	0118B2D8	09FFE1B1	0	00FFE1B1	FFFFFFFF	01C24AB8	3FFFFFFF	C3C28AAA
P10	8D200000	01061CB2	06FFF86C	1	00FFF86C	00000000	00000000	7FFFFFFF	C3E1455C
P10	BCB7FFFF	01F9D678	01FFFFFF	1	00FFFF1B	00000000	003DB547	06900000	C3000208
P10	2E89FFFF	01F1184D	0CFFFFFF	0	00FFFF86	00000000	003DB547	82480000	C31CCB25
P10	EB30FFFF	01F41988	0BFFFFFF	0	00FFFFE1	FFFFFFFF	01849571	81040000	C31ECCA2
P10	2572E000	01189016	06FFFFFF	0	00FFFFF8	00000000	00000000	F59A3FFF	C3CA4ED1
P10	F43A37FF	01F477D1	01FFFFFF	0	00FFFFFE	FFFFFFFF	01849571	12891000	C3050008
P10	06533600	011D78R2	08FFFFFF	0	00FFFFFF	00000000	00000000	FB5D93FF	C3C20A98
P11	0180D200	01D8334B	06FFFFFF	1	00FFFFFF	00000000	003DB547	00000000	C3000000
P12	0180D200	001D3892	08FFFFFF	1	00FFFFFF	00000000	00000000	FFFFFFFF	C3FFFFFF
P13	03E2C74F	00000000	08FFFFFF	1	00FFFFFF	00000000	00000000	FF000000	C3000000
P15	FCE2C76E	00000000	08FFFFFF	1	00FFFFFF	00000000	00000000	00000000	C3000000

00142

SIGMA LOGIC SIMULATION, FMS, CASE 0040

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	340982D9	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	340982D9	00000000	340982D9	0	00000000	00000000	00000000	FF000000	00000000
P02	34000000	000982D9	340982D9	0	00000000	2F9D60D8	009D60D8	80000000	00000000
P03	00000000	000982D9	340982D9	0	000982D9	00000000	00000000	00000000	F3000000
P04	00000000	000982D9	340982D9	0	000982D9	00000000	00000000	00000000	F2000000
P05	00000000	00000000	000260B6	0	000982D9	00000000	009D60D8	00000000	E2000000
P09	00000000	00000000	0300982D	0	000982D9	00000000	009D60D8	00000000	E2000000
P10	00000000	00275836	0400260B	0	000260B6	00000000	013AC1B0	00000000	E2000000
P10	80000000	00476661	09000982	1	0000982D	00000000	009D60D8	00000000	E2112C18
P10	60000000	0032C9A8	06000260	1	000260B6	FFFFFFFF	01629F27	00000000	E20ABC20
P10	E7FFFFFF	01D6B9A8	00000098	0	0000982D	FFFFFFFF	01629F27	30000000	E2114096
P10	4A000000	01295A86	08000026	0	0000260B	00000000	009D60D8	7FFFFFFF	E2A94E03
P10	4C7FFFFFF	01C75D23	02000009	0	00000098	00000000	00000000	25000000	E254A569
P10	9A5FFFFFF	01E4FF12	00000002	0	00000026	00000000	013AC1B0	82000000	E2220290
P10	8617FFFF	018F0F4C	08000000	0	00000009	00000000	009D60D8	41000000	E2916148
P10	3105FFFF	01ECC0B7	06000000	0	00000002	00000000	013AC1B0	00000000	E24EB044
P10	CC717FFF	01A62CA8	09000000	0	00000000	00000000	00000000	00000000	E28760DA
P11	CC718000	005D8082	09000000	0	00000000	00000000	00000000	00000000	E2000000
P12	CC718000	005D8082	09000000	0	00000000	00000000	00000000	FFFFFFFF	E2FFFFFF
P13	225D8082	00000000	09000000	0	00000000	00000000	00000000	00000000	E2000000
P15	225D8082	00000000	09000000	0	00000000	00000000	00000000	00000000	E2000000

00143

SIGMA LOGIC SIMULATION, FDL, CASE 0001									
TIME	A REGISTER	AIRFGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'IRFGISTER	CS REGISTER	CS'REGISTER
PPR	BBAAAAAA	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PO1	BBAAAAAA	00000000	BBAAAAAA	0	00000000	00000000	00000000	FF000000	00000000
PO2	44000000	01AAAAAA	44AAAAAA	0	00000000	00555555	01555555	01000000	00000000
PO3	AAAAAAAA	01AAAAAA	44AAAAAA	0	01AAAAAA	00000000	00000000	FFFFFFF	22FFFFFF
PO4	55555555	00555555	00000000	0	00000000	55555555	01555555	00000000	22000000
PO9	AAAAAAAC	00AAAAAA	00000000	0	00000000	55555555	01555555	00000000	22000000
P11	00000002	00000000	00000001	0	00000000	55555555	01555555	00000000	22000000
P11	AAAAAAAE	00AAAAAA	00000002	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAAAR2	00AAAAAA	00000004	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAABA	00AAAAAA	00000008	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAACA	00AAAAAA	00000010	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAAEA	00AAAAAA	00000020	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAB2A	00AAAAAA	00000040	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAABAA	00AAAAAA	00000080	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAACAA	00AAAAAA	00000100	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAEAA	00AAAAAA	00000200	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAB2AA	00AAAAAA	00000400	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAABAAA	00AAAAAA	00000800	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAACAAA	00AAAAAA	00001000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAEAAA	00AAAAAA	00002000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAB2AAA	00AAAAAA	00004000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAABAAAA	00AAAAAA	00008000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAACAAAA	00AAAAAA	00010000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAEAAAA	00AAAAAA	00020000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAB2AAA	00AAAAAA	00040000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAABAAAA	00AAAAAA	00080000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAACAAAA	00AAAAAA	00100000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAEAAAAA	00AAAAAA	00200000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AB2AAAAA	00AAAAAA	00400000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	ABAAAAAA	00AAAAAA	00800000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000

00144

SIGMA LOGIC SIMULATION, FDL, CASE 0001									
TIME	A REGISTER	AIRFGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'IRFGISTER	CS REGISTER	CS'REGISTER
P11	ACAAAAAA	00AAAAAA	01000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AFAAAAAA	00AAAAAA	02000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	B2AAAAAA	00AAAAAA	04000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	BAAAAAAA	00AAAAAA	08000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	CAAAAAAA	00AAAAAA	10000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	EAAAAAAA	00AAAAAA	20000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	2AAAAAAA	00AAAAAB	40000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAANA	00AAAAAB	80000000	0	00000000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAAB	00AAAAAC	00000000	0	00000001	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAAC	00AAAAAE	00000000	0	00000002	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAAE	00AAAAF2	00000000	0	00000004	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAAR2	00AAAAA	00000000	0	00000008	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAABA	00AAAAA	00000000	0	00000010	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAACA	00AAAAEA	00000000	0	00000020	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAEA	00AAAA2A	00000000	0	00000040	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAB2A	00AAAA2A	00000000	0	00000080	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAABAA	00AAAAFA	00000000	0	00000100	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAACAA	00AAAF2A	00000000	0	00000200	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAEAA	00AAB2AA	00000000	0	00000400	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAAB2AA	00AAB2AA	00000000	0	00000800	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAABAAA	00AACAAA	00000000	0	00001000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAACAAA	00AAEA	00000000	0	00002000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAAEAAA	00AB2AAA	00000000	0	00004000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAAB2AAA	00AB2AAA	00000000	0	00008000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAABAAAA	00ACAAAA	00000000	0	00010000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAACAAAA	00AEAAAA	00000000	0	00020000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAEAAAAA	00B2AAAA	00000000	0	00040000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AAB2AAAA	00BAAAAA	00000000	0	00080000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AABAAAAA	00CAAAAA	00000000	0	00100000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AACAAAAA	00EAAAAA	00000000	0	00200000	AAAAAAAA	00AAAAAA	00000001	22000000
P11	AEEAAAAA	012AAAAA	00000000	0	00400000	AAAAAAAA	00AAAAAA	00000001	22000000
P12	00000000	00800000	00000000	0	00400000	00000000	00000000	FFFFFFF	22FFFFFF
P13	62000000	00800000	00000000	0	00400000	00000000	00000000	00000001	22000000

00145

SIGMA LOGIC SIMULATION, FDL, CASE 0001									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	62800000	00800000	00000000	0	00400000	00000000	00000000	00000000	00000000

00146

SIGMA LOGIC SIMULATION, FDL, CASE 0002									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	10555555	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	10555555	00000000	10555555	0	00000000	00000000	00000000	FF000000	00000000
P02	10000000	00555555	10555555	0	00000000	FC555555	01555555	01000000	00000000
P03	55555555	00555555	10555555	0	00555555	00000000	00000000	00000000	00000000
P04	55555555	00555555	00000000	0	00000000	55555555	01555555	00000001	00000000
P09	AAAAAAAA	00AAAAAA	00000000	0	00000000	55555555	01555555	00000001	00000000
P11	00000000	00000000	00000001	0	00000000	55555555	01555555	00000001	00000000
P11	AAAAAAAA	00AAAAAA	00000002	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000004	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000008	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000010	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000020	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000040	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000080	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000100	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000200	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000400	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00000800	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00001000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00002000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00004000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00008000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00010000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00020000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00040000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00080000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00100000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00200000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00400000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000
P11	AAAAAAAA	00AAAAAA	00800000	0	00000000	AAAAAAAA	00AAAAAA	00000000	00000000

00147

SIGMA LOGIC SIMULATION, FDL, CASE 0002

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	AAAAAAC	00AAAAA	01000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	02000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	04000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	08000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	10000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	20000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	40000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	80000000	0	00000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAD	00AAAAA	00000000	0	00000001	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAE	00AAAAA	00000000	0	00000002	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAB	00AAAAA	00000000	0	00000004	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAB4	00AAAAA	00000000	0	00000008	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAB8	00AAAAA	00000000	0	00000010	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAABC	00AAAAA	00000000	0	00000020	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAAC	00AAAAA	00000000	0	00000040	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAB2C	00AAAAA	00000000	0	00000080	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAB4	00AAAAA	00000000	0	00000100	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAC	00AAAAA	00000000	0	00000200	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAE	00AAAAA	00000000	0	00000400	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAAB2AC	00AAAAA	00000000	0	00000800	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAABAAC	00AAAAA	00000000	0	00001000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAACAAC	00AAAAA	00000000	0	00002000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAEAAC	00AAAAA	00000000	0	00004000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAAB2AAC	00AAAAA	00000000	0	00008000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAABAAAC	00AAAAA	00000000	0	00010000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAACAAC	00AAAAA	00000000	0	00020000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAAEAAAC	00AAAAA	00000000	0	00040000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAB2AAC	00AAAAA	00000000	0	00080000	AAAAAAA	00AAAAA	00000000	00000000
P11	AABAAAC	00AAAAA	00000000	0	00100000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAACAAC	00AAAAA	00000000	0	00200000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAB2AAC	00AAAAA	00000000	0	00400000	AAAAAAA	00AAAAA	00000000	00000000
P11	AABAAAC	00AAAAA	00000000	0	00800000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAEAAAC	00AAAAA	00000000	0	01000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AACAAC	00AAAAA	00000000	0	02000000	AAAAAAA	00AAAAA	00000000	00000000
P11	AAEAAAC	00AAAAA	00000000	0	04000000	AAAAAAA	00AAAAA	00000000	00000000
P12	00000000	00800000	00000000	0	00400000	00000000	00000000	FFFFFFFF	0FFFFFFF
P13	4D800000	00800000	00000000	0	00400000	00000000	00000000	00000000	00000000

00148

SIGMA LOGIC SIMULATION, FDL, CASE 0002

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	4D800000	00800000	00000000	0	00400000	00000000	00000000	00000000	00000000

00151

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0003								
	A REGISTER	A REGISTER	B REGISTER	PC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P13	74200000	00200000	00000000	0	00100000	00000000	00000000	00000000	34000000
P15	74200000	00200000	00000000	0	00100000	00000000	00000000	00000000	00000000

00152

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0004								
	A REGISTER	A REGISTER	B REGISTER	PC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	EE555555	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	EE555555	00000000	EE555555	0	00000000	00000000	00000000	FF000000	00000000
P02	11000000	01555555	11555555	0	00000000	0BAAAAAA	01AAAAAA	01000000	00000000
P03	55555555	01555555	11555555	0	01555555	00000000	00000000	FFFFFFF5	EDFFFFFF
P04	AAAAAA49	00AAAAAA	00000000	0	00000000	AAAAAAAA	01AAAAAA	00000000	ED000000
P09	55555556	01555555	00000000	0	00000000	AAAAAAAA	01AAAAAA	00000000	ED000000
P10	55555555	00155555	60000000	0	00000000	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	FFFFFFF5	017FFFFFF	00000000	0	00000000	55555555	00555555	00000000	EE000000
P11	AAAAAA49	01AAAAAA	80000000	0	00000001	55555555	00555555	00000000	EF000000
P11	FFFFFFF5	01FFFFFF	00000000	0	00000003	55555555	00555555	00000001	EE000000
P11	AAAAAA4A	00AAAAAA	00000001	0	00000006	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA48	00AAAAAA	00000003	0	0000000C	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA44	00AAAAAA	00000007	0	00000018	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAAAAA9C	00AAAAAA	0000000F	0	00000030	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA8C	00AAAAAA	0000001F	0	00000060	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA6C	00AAAAAA	0000003F	0	00000000	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAAAAA7C	00AAAAAA	0000007F	0	00000180	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA9AC	00AAAAAA	000000FF	0	00000300	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAAAAA8AC	00AAAAAA	000001FF	0	00000600	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAAAAA6AC	00AAAAAA	000003FF	0	00000000	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAAAAA2AC	00AAAAAA	000007FF	0	00001800	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA9AAC	00AAAAAA	00000FFF	0	00003000	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA8AAC	00AAAAAA	00001FFF	0	00006000	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAAAAA6AAC	00AAAAAA	00003FFF	0	00000000	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAAAAA2AAC	00AAAAAA	00007FFF	0	00018000	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAA9AAAC	00AAAAAA	0000FFFF	0	00030000	AAAAAAAA	01AAAAAA	00000000	EE000000
P11	AAA8AAAC	00AAAAAA	0001FFFF	0	00060000	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAA6AAAC	00AAAAAA	0003FFFF	0	00000000	AAAAAAAA	01AAAAAA	00000000	EF000000
P11	AAA2AAAC	00AAAAAA	0007FFFF	0	00180000	AAAAAAAA	01AAAAAA	00000000	EE000000

00153

SIGMA LOGIC SIMULATION, FDL, CASE 0004									
TIME	A REGISTER	A'REGISTER	B REGISTER	RC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	AA9AAAA	00AAAAA	000FFFF	0	0030000	AAAAAAA	01AAAAA	0000000	EE00000
P11	AA8AAAA	00AAAAA	001FFFF	0	0060000	AAAAAAA	01AAAAA	0000000	EE00000
P11	AA6AAAA	00AAAAA	003FFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	AA2AAAA	00AAAAA	007FFFF	0	0180000	AAAAAAA	01AAAAA	0000000	EE00000
P11	A9AAAAA	00AAAAA	00FFFFFF	0	0100000	AAAAAAA	01AAAAA	0000000	EF00000
P11	A8AAAAA	00AAAAA	01FFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	A6AAAAA	00AAAAA	03FFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	A2AAAAA	00AAAAA	07FFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	9AAAAAA	00AAAAA	0FFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	8AAAAAA	00AAAAA	1FFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	6AAAAAA	00AAAAA	3FFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	2AAAAAA	00AAAAA	7FFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAA	00AAAAA	FFFFFFF	0	0000000	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAD	00AAAAA	FFFFFFF	0	0000001	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAF	00AAAAA	FFFFFFF	0	0000003	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAB3	00AAAAA	FFFFFFF	0	0000007	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAB5	00AAAAA	FFFFFFF	0	000000F	AAAAAAA	01AAAAA	0000000	EF00000
P11	AAAAAAB7	00AAAAA	FFFFFFF	0	000001F	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAB9	00AAAAA	FFFFFFF	0	000003F	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAABB	00AAAAA	FFFFFFF	0	000007F	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAABD	00AAAAA	FFFFFFF	0	00000FF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAABF	00AAAAA	FFFFFFF	0	00001FF	AAAAAAA	01AAAAA	0000000	EF00000
P11	AAAAAAC1	00AAAAA	FFFFFFF	0	00003FF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAC3	00AAAAA	FFFFFFF	0	00007FF	AAAAAAA	01AAAAA	0000000	EF00000
P11	AAAAAAC5	00AAAAA	FFFFFFF	0	0000FFF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAC7	00AAAAA	FFFFFFF	0	0001FFF	AAAAAAA	01AAAAA	0000000	EF00000
P11	AAAAAAC9	00AAAAA	FFFFFFF	0	0003FFF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAACB	00AAAAA	FFFFFFF	0	0007FFF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAACD	00AAAAA	FFFFFFF	0	000FFF	AAAAAAA	01AAAAA	0000000	EF00000
P11	AAAAAAE1	00AAAAA	FFFFFFF	0	001FFFF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAE3	00AAAAA	FFFFFFF	0	003FFFF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAE5	00AAAAA	FFFFFFF	0	007FFFF	AAAAAAA	01AAAAA	0000000	EE00000
P11	AAAAAAE7	00AAAAA	FFFFFFF	0	00FFFF	AAAAAAA	01AAAAA	0000000	EF00000
P12	FFFFFFF	001FFFF	FFFFFFF	0	000FFFF	0000000	0000000	FFFFFFF	EEFFFFFF

00154

SIGMA LOGIC SIMULATION, FDL, CASE 0004									
TIME	A REGISTER	A'REGISTER	B REGISTER	RC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	2E1FFFF	001FFFF	FFFFFFF	0	000FFFF	0000000	0000000	0000000	EE00000
P15	2E1FFFF	001FFFF	FFFFFFF	0	000FFFF	0000000	0000000	0000000	0000000

00155

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0005								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	20000000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	20000000	00000000	20000000	0	00000000	00000000	00000000	FF000000	00000000
P02	20000000	00000000	20000000	0	00000000	BC942DC4	01942DC4	01000000	00000000
P03	00000000	00000000	20000000	0	00000000	00000000	00000000	00000000	00000000
P04	00000000	00000000	20000000	0	00000000	00000000	00000000	00000000	00000000
P13	10000000	00000000	20000000	0	00000000	00000000	00000000	00000000	00000000
P15	00000000	00000000	20000000	0	00000000	00000000	00000000	00000000	00000000

00156

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0006								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	1F501355	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1F501355	00000000	1F501355	0	00000000	00000000	00000000	FF000000	00000000
P02	1F000000	00501355	1F501355	0	00000000	FFFFFF	01FFFFFF	01000000	00000000
P03	9960101A	00501355	1F501355	0	00501355	00000000	00000000	00000000	0F000000
P04	9960101A	00501355	9960101A	0	00501355	00000000	00000000	00000000	0F000000
P06	00000000	00000000	9960101A	0	00501355	00000000	00000000	00000000	10000000
P07	00000000	00000000	9960101A	0	00501355	00000000	00000000	00000000	11000000
P13	51000000	00000000	9960101A	0	00501355	00000000	00000000	00000000	11000000
P15	00000000	00000000	9960101A	0	00501355	00000000	00000000	00000000	00000000

00157

SIGMA LOGIC SIMULATION, FDL CASE 0007									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	30100000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	30100000	00000000	30100000	0	00000000	00000000	00000000	FF000000	00000000
P02	30000000	00100000	30100000	0	00000000	DFC962FB	01C962FB	01000000	00000000
P03	00000000	00100000	30100000	0	00100000	00000000	00000000	00000000	10000000
P04	00000000	00100000	00000000	0	00000000	76D8F280	01C962FB	00000000	10000000
P09	00000000	00200000	00000000	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	EDB1E500	01D2C5F6	00000000	0	00000000	8927007F	00369D04	00000001	10000000
P11	EDB1E500	0012C5F6	00000001	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	C915AF00	01B851E4	00000002	0	00000000	8927007F	00369D04	00000001	10000000
P11	A4797900	01D0D0D0	00000004	0	00000000	8927007F	00369D04	00000001	10000000
P11	5B410D00	0028F5AE	00000009	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	A433FF00	01E4B153	00000012	0	00000000	8927007F	00369D04	00000001	10000000
P11	5AB61900	00369C80	00000025	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	A31E1700	01FFFF57	0000004A	0	00000000	8927007F	00369D04	00000001	10000000
P11	588A4900	006D38F8	00000095	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	9EC67700	006D3767	0000012B	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	2B3ED300	006D34C6	00000257	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	442F8E00	006D2FA3	000004AF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	7610FB00	006D24FD	0000095F	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	D903D800	006D0FF1	000012B9	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	A1599B00	006CE5DA	0000257F	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	30651800	006C91AC	00004AFF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	4E7C1B00	006BE94F	000095FF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	8AAA1800	006A9895	00012BFF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	03061200	0067F722	000257FF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	F38F1B00	0062B43A	0004AFFE	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	D5E21B00	00582F6C	00095FFF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	980E1B00	004327D0	0012BFFF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	1DC21B00	00190898	00257FFF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	294E1B00	01C40D27	004AFFFE	0	00000000	8927007F	00369D04	00000001	10000000

00158

SIGMA LOGIC SIMULATION, FDL CASE 0007									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	64EAE500	01F6F457	0095FFFC	0	00000000	8927007F	00369D04	00000001	10000000
P11	DC22BD00	005822B7	012BFFFF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	A5F75000	00490866	0257FFFF	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	39A0A300	00240CC4	04AFFFE7	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	60F32B00	010C7F7F	095FFFC0	0	00000000	8927007F	00369D04	00000001	10000000
P11	D4347100	0026A907	12BFFFF0	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	961AC700	010F3806	257FFF3A	0	00000000	8927007F	00369D04	00000001	10000000
P11	3E83A900	0028AA16	4AFFFE75	0	00000000	76D8F280	01C962FB	00000000	10000000
P11	64809300	01E41A23	95FFFECA	0	00000000	8927007F	00369D04	00000001	10000000
P11	E7C08200	00416E4F	2BFFFF90	0	00000001	76D8F280	01C962FB	00000000	10000000
P11	BD32F702	0015A296	57FFF3AB	0	00000002	76D8F280	01C962FB	00000000	10000000
P11	6817D304	01BF0824	AFFFE756	0	00000004	8927007F	00369D04	00000001	10000000
P11	E27DC109	01E95051	5FFFECA0	0	00000009	8927007F	00369D04	00000001	10000000
P11	D7499D12	003FDAAC	9FFFF905	0	00000012	76D8F280	01C962FB	00000000	10000000
P11	9C451F25	00177850	7FFF3AB3	0	00000025	76D8F280	01C962FB	00000000	10000000
P11	263C234A	00187809	FFFE7566	0	0000004A	8927007F	00369D04	00000001	10000000
P11	5EC66195	010CB339	FFFECA00	0	00000095	8927007F	00369D04	00000001	10000000
P11	CFDADE2B	0024A07B	FFF9D599	0	0000012B	76D8F280	01C962FB	00000000	10000000
P11	8067A157	01E006EE	FFF3AF32	0	00000257	8927007F	00369D04	00000001	10000000
P11	2D10B0AF	002D47E6	FFE75655	0	000004AF	76D8F280	01C962FB	00000000	10000000
P11	47ECA05F	01E055C3	FFFECA00	0	0000095F	8927007F	00369D04	00000001	10000000
P11	A27758BF	0047E58F	FF9D5995	0	0000125F	76D8F280	01C962FB	00000000	10000000
P11	32009C7F	00229116	FF3AB325	0	0000257F	76D8F280	01C962FB	00000000	10000000
P11	518310FF	01D7F823	FE756656	0	00004AFF	8927007F	00369D04	00000001	10000000
P11	B5B465FF	001D0A4F	FCEACCA0	0	000095FF	76D8F280	01C962FB	00000000	10000000
P11	591A92FF	01C0D9A6	F9D5995A	0	00012BFF	8927007F	00369D04	00000001	10000000
P11	C4R34CFF	0006EF35	F3AB32B5	0	000257FF	76D8F280	01C962FB	00000000	10000000
P11	763866FF	01ACA462	E756656A	0	0004AFFE	8927007F	00369D04	00000001	10000000
P11	FF8EE8FF	01AE82CD	CEACCA04	0	00095FFF	8927007F	00369D04	00000001	10000000
P11	11CBECFF	01CA3FA5	9D5995A8	0	0012BFFF	8927007F	00369D04	00000001	10000000
P11	35E5F4FF	00018953	3AB32B51	0	00257FFF	76D8F280	01C962FB	00000000	10000000
P12	75A656A2	004AFFFE	3AB32B51	0	00257FFF	00000000	00000000	FFFFFFF	10FFFFFF
P13	50R50001	01B50001	3AB32B51	0	00257FFF	00000000	00000000	FF00000	10000000

00159

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0007								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	AFB50001	01B50001	3AB32B51	0	00257FFF	00000000	00000000	00000000	00000000

00160

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0008								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	36361BA7	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	36361BA7	00000000	36361BA7	0	00000000	00000000	00000000	FF000000	00000000
P02	36000000	00361BA7	36361BA7	0	00000000	F7FFFFFF	01FFFFFF	01000000	00000000
P03	6568A665	00361BA7	36361BA7	0	00361BA7	00000000	00000000	00000000	2E000000
P04	6568A665	00361BA7	00000000	0	00000000	FFFFFFFF	01FFFFFF	00000000	2E000000
P09	CAD14CCA	006C374E	00000000	0	00000000	FFFFFFFF	01FFFFFF	00000000	2E000000
P10	ECAD14CC	006C374E	00000000	0	00000000	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	D95A2999	01E86E9	40000000	0	00000001	00000000	00100000	00000000	2F000000
P11	B2B45332	01FB00D3	80000000	0	00000002	00000000	00100000	00000000	2F000000
P11	6568A665	00161BA7	00000001	0	00000005	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	CAD14CCA	006C374E	00000003	0	0000000A	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	95A29994	01F86F9D	00000006	0	00000014	00000000	00100000	00000000	2F000000
P11	2B453328	0010D03B	0000000D	0	00000028	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	568A6650	0001BA76	0000001B	0	0000005C	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	AD14CCA0	01E374EC	00000036	0	0000009C	00000000	00100000	00000000	2F000000
P11	5A299940	01E6E9D9	0000006C	0	0000014C	00000000	00100000	00000000	2F000000
P11	B4533280	01EDD382	000000D8	0	0000008C	00000000	00100000	00000000	2F000000
P11	68A66500	01F8A765	000001B0	0	00000500	00000000	00100000	00000000	2F000000
P11	D14CCA00	00174FCA	00000361	0	00000A00	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	A2999400	000E9D95	000006C3	0	00001400	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	45332800	01FD382B	00000D86	0	00002800	00000000	00100000	00000000	2F000000
P11	8A665000	001A7456	00001B0D	0	00005000	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	14CCA000	0014ECAD	0000361B	0	0000A000	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	29994000	0009D95A	00006C37	0	00014000	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	53328000	01F382B4	0000D86E	0	00028000	00000000	00100000	00000000	2F000000
P11	A6650000	00074568	0001B0DD	0	00050000	FFFFFFFF	01FFFFFF	00000000	2F000000
P11	4CCA0000	01EFCAD1	000361BA	0	000A0000	00000000	00100000	00000000	2F000000
P11	99940000	01FD95A2	0006C374	0	00140000	00000000	00100000	00000000	2F000000
P11	33280000	001B2845	000D86E9	0	00280000	FFFFFFFF	01FFFFFF	00000000	2F000000

00161

SIGMA LOGIC SIMULATION, FDL, CASE 0008									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	66500000	00165A8A	001B0DD3	0	00500000	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	CCA00000	000CAD14	00361BA7	0	00A00000	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	99400000	01F95A29	006C374E	0	01400000	00000000	00100000	00000000	2F000000
P11	32800000	0012B4B3	00D86E9D	0	00800000	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	65000000	000568A6	01B0DD3B	0	01000000	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	CA000000	01EAD14C	0361BA76	0	00000000	00000000	00100000	00000000	2F000000
P11	94000000	01F5A299	06C374EC	0	00000000	00000000	00100000	00000000	2F000000
P11	28000000	00D84533	0D86E9D9	0	00000000	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	50000000	01F68A66	1B0DD3B2	0	00000000	00000000	00100000	00000000	2F000000
P11	A0000000	000D14CC	361BA765	0	00000000	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	40000000	01FA2999	6C374ECA	0	00000000	00000000	00100000	00000000	2F000000
P11	80000000	00145332	D86E9D95	0	00000000	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	00000001	0008A665	B0DD3B2B	0	00000001	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	00000003	01F14CCA	61BA7656	0	00000003	00000000	00100000	00000000	2F000000
P11	00000006	00029994	C374ECAD	0	00000006	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	0000000D	01E53328	86E9D95A	0	0000000D	00000000	00100000	00000000	2F000000
P11	0000001B	01EA6650	0DD3B2B4	0	0000001B	00000000	00100000	00000000	2F000000
P11	00000036	01F4CCA0	1BA76568	0	00000036	00000000	00100000	00000000	2F000000
P11	0000006C	00D99940	374ECAD1	0	0000006C	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	000000D8	01F33280	6E9D95A2	0	000000D8	00000000	00100000	00000000	2F000000
P11	000001B0	00066500	DD3B2B45	0	000001B0	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	00000361	01ECCA00	BA76568A	0	00000361	00000000	00100000	00000000	2F000000
P11	000006C3	01F99400	74ECAD14	0	000006C3	00000000	00100000	00000000	2F000000
P11	00000D86	00132800	E9D95A29	0	00000D86	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	00001B0D	00065000	D3B2B453	0	00001B0D	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	0000361B	01ECA000	A76568A6	0	0000361B	00000000	00100000	00000000	2F000000
P11	00006C37	01F94000	4ECAD14C	0	00006C37	00000000	00100000	00000000	2F000000
P11	0000D86E	00128000	9D95A299	0	0000D86E	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	0001B0DD	00050000	3B2B4533	0	0001B0DD	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	000361BA	01EA0000	76568A66	0	000361BA	00000000	00100000	00000000	2F000000
P11	0006C374	01F40000	ECAD14CC	0	0006C374	00000000	00100000	00000000	2F000000
P11	000D86E9	000A0000	D95A2999	0	000D86E9	FFFFFFFF	01FFFFFF	00000001	2F000000
P11	001B0DD3	C1F00000	B2B45332	0	001B0DD3	00000000	00100000	00000000	2F000000
P12	6568A665	00361BA7	B2B45332	0	001B0DD3	00000000	00000000	FFFFFFFF	2FFFFFFF

00162

SIGMA LOGIC SIMULATION, FDL, CASE 0008									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	6F361BA7	00361BA7	B2B45332	0	001B0DD3	00000000	00000000	00000000	2F000000
P15	6F361BA7	00361BA7	B2B45332	0	001B0DD3	00000000	00000000	00000000	00000000

00163

SIGMA LOGIC SIMULATION, FDL, CASE 0009									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	1059AE26	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1059AE26	00000000	1059AE26	0	00000000	00000000	00000000	FF000000	00000000
P02	10000000	0059AF26	1059AE26	0	00000000	AAD83E94	01D83E94	01000000	00000000
P03	C16B05AF	0059AF26	1059AE26	0	0059AE26	00000000	00000000	00000000	BB000000
P04	C16B05AF	0059AF26	00000000	0	00000000	FA4E93D7	01D83E94	00000001	BB000000
P09	82D6055E	00B35C4D	00000000	0	00000000	FA4E93D7	01D83E94	00000001	BB000000
P10	D82D60B5	000R35C4	E0000000	0	00000000	FA4E93D7	01D83E94	00000001	BC000000
P11	A4F7E91B	01C6ERH3	C0000000	0	00000001	05B16C28	0027C16B	00000000	BC000000
P11	5552AA87	01D0543D	80000000	0	00000003	05B16C28	0027C16B	00000000	BC000000
P11	66782D5F	000A2B50	00000000	0	00000007	FA4E93D7	01D83E94	00000001	BC000000
P11	60AD826E	01C4D3CB	00000002	0	0000000E	05B16C28	0027C16B	00000000	BC000000
P11	CC8DD20C	01092A6C	00000004	0	0000001C	05B16C28	0027C16B	00000000	BC000000
P11	A4DE92A8	0001D7AF	00000009	0	00000038	FA4E93D7	01D83E94	00000001	BC000000
P11	3E5A4D00	01B42C89	00000012	0	00000070	05B16C28	0027C16B	00000000	BC000000
P11	8B177250	01B7DBF8	00000024	0	000000E0	05B16C28	0027C16B	00000000	BC000000
P11	1B718CF0	01BF3AA7	00000048	0	000001C0	05B16C28	0027C16B	00000000	BC000000
P11	42A65230	01C0F82A	00000090	0	00000380	05B16C28	0027C16B	00000000	BC000000
P11	906F7C80	01ER731E	00000120	0	00000700	05B16C28	0027C16B	00000000	BC000000
P11	2C41D180	00266913	00000241	0	00000F00	FA4E93D7	01D83E94	00000001	BC000000
P11	4D20C810	01F4F5C0	00000482	0	00001C00	05B16C28	0027C16B	00000000	BC000000
P11	A5A46E70	004A2176	00000905	0	00003800	FA4E93D7	01D83E94	00000001	BC000000
P11	3FF60490	004AC017	00001208	0	00007000	FA4E93D7	01D83E94	00000001	BC000000
P11	74693000	0039F058	00002417	0	0000E000	FA4E93D7	01D83E94	00000001	BC000000
P11	D06F8950	0074775A	00004827	0	0001C000	FA4E93D7	01D83E94	00000001	BC000000
P11	AF7C3A50	01F960CF	0000905E	0	00038000	05B16C28	0027C16B	00000000	BC000000
P11	6A5E4CF0	00425095	0001208D	0	00070000	FA4E93D7	01D83E94	00000001	BC000000
P11	C953C190	00353A54	00024176	0	000E0000	FA4E93D7	01D83E94	00000001	BC000000
P11	8744AAD0	001AE0F3	000482F7	0	001C0000	FA4E93D7	01D83E94	00000001	BC000000
P11	C3267150	01E450C1	000905EE	0	00380700	05B16C28	0027C16B	00000000	BC000000

00164

SIGMA LOGIC SIMULATION, FDL, CASE 0009									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	11AFD2F0	001C2478	00120BDD	0	00700000	FA4E93D7	01D83E94	00000001	BC000000
P11	17FCC090	01E4C61A	0024176A	0	00F00000	05B16C28	0027C16B	00000000	BC000000
P11	3B5C7370	00210F0A	00482F75	0	01000000	FA4E93D7	01D83E94	00000001	BC000000
P11	6B56C890	01F2993E	00905FEA	0	01000000	05B16C28	0027C16B	00000000	BC000000
P11	E20EF570	0034B952	0120BDD5	0	01000000	FA4E93D7	01D83E94	00000001	BC000000
P11	B8B81250	0019E0CF	024176AB	0	00000000	FA4E93D7	01D83E94	00000001	BC000000
P11	66134C00	01E450C9	0482F756	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	D7971F00	00183C68	0005FEAD	0	00000000	FA4E93D7	01D83E94	00000001	BC000000
P11	A3000590	01F4F5B8	120BDD5A	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	52C2EF70	00116FCD	24176AB5	0	00000000	FA4E93D7	01D83E94	00000001	BC000000
P11	9AP30690	010351C4	482F756A	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	3FA6E570	01F6385F	005CEAD4	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	8A14A331	003BF394	20BDD5A9	0	00000001	FA4E93D7	01D83E94	00000001	BC000000
P11	0A066F12	00286453	4176AB53	0	00000002	FA4E93D7	01D83E94	00000001	BC000000
P11	08AA030A	00014500	82F756A7	0	00000004	FA4E93D7	01D83E94	00000001	BC000000
P11	05F12F59	01B303CA	05EEAD4E	0	00000009	05B16C28	0027C16B	00000000	BC000000
P11	17453722	01B594FA	0BDD5A9C	0	00000012	05B16C28	0027C16B	00000000	BC000000
P11	39ED4654	01B4A8AA	176AB538	0	00000024	05B16C28	0027C16B	00000000	BC000000
P11	7F3D64F8	01C4DA2A	2F756A70	0	00000048	05B16C28	0027C16B	00000000	BC000000
P11	09DDA840	01D9372B	5EEAD4E0	0	00000090	05B16C28	0027C16B	00000000	BC000000
P11	1F1E1C00	0001F12C	BDD5A9C1	0	00000120	FA4E93D7	01D83E94	00000001	BC000000
P11	32F96151	01B45F82	76AB5382	0	00000041	05B16C28	0027C16B	00000000	BC000000
P11	71159AF2	01E8410A	F756A704	0	00000082	05B16C28	0027C16B	00000000	BC000000
P11	ED8E0E35	01C0C68A	EFAD4E08	0	00000095	05B16C28	0027C16B	00000000	BC000000
P11	E67EF45B	01C8F8FB	DD5A9C10	0	00001209	05B16C28	0027C16B	00000000	BC000000
P11	D860C1C7	01E4EAD0	8A553820	0	00002417	05B16C28	0027C16B	00000000	BC000000
P11	BC2450DF	002CC831	756A7041	0	0000482F	FA4E93D7	01D83E94	00000001	BC000000
P11	CF50060F	000A008D	EAD4E083	0	0000905E	FA4E93D7	01D83E94	00000001	BC000000
P11	CF68E65D	01C49844	D5A9C106	0	0001208D	05B16C28	0027C16B	00000000	BC000000
P11	A834A56B	01D8H35F	AB53220C	0	0002417B	05B16C28	0027C16B	00000000	BC000000
P11	5BCC2327	0000E995	56A70419	0	000482F7	FA4E93D7	01D83E94	00000001	BC000000
P11	AC3560FF	01B2B054	AD4E0832	0	000905EE	05B16C28	0027C16B	00000000	BC000000
P11	63C0B440	01E4E37F	5A9C1064	0	00120BDD	05B16C28	0027C16B	00000000	BC000000
P12	B53820C8	0024176A	5A9C1064	0	00120BDD	00000000	00000000	FFFFFFFF	BCFFFFFF

00165

SIGMA LOGIC SIMULATION, FDL, CASE 0009									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	7C000000	002417BA	5A9C1064	0	00120BDD	00000000	00000000	00000000	BC000000
P15	00000000	002417BA	5A9C1064	0	00120BDD	00000000	00000000	00000000	00000000

00166

SIGMA LOGIC SIMULATION, FDL, CASE 0010									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	1059AE26	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	1059AE26	00000000	1059AE26	0	00000000	00000000	00000000	FF000000	00000000
P02	10000000	0059AE26	1059AF26	0	00000000	AAD83F94	01083E94	01000000	00000000
P03	C16805AF	0059AF26	1059AE26	0	0059AE26	00000000	00000000	00000000	BC000000
P04	C16805AF	0059AF26	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P09	8206085F	00B35C4D	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P10	D82D6085	00C935C4	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	A4F7E918	01C6F8B3	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	5552AA87	01D0543D	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	8608205F	00CA2150	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	60AD826F	01C4D7CB	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	CC8DD02C	01D92A6C	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	A4DE92A8	00C1D7AF	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	3E5A4D00	01B42089	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	8817725C	01B708E8	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	18915CF0	015F3AA7	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	42A65230	01C0F924	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	906F7C40	01EB731E	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	2C41D130	00264913	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	402CCB1C	01FD4F50	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	A5A46E70	004A2176	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	3FE60490	0044C017	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	746930D0	0039FD58	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	DD6F8950	002477DA	00000000	0	00000000	FA4E93D7	01083E94	00000000	BC000000
P11	AF7C3A50	01F96CDF	00000000	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	6A5B4CF0	00425C95	0001208D	0	00070000	FA4E93D7	01083E94	00000000	BC000000
P11	C953C190	00353654	0002417B	0	000F0000	FA4E93D7	01083E94	00000000	BC000000
P11	8744AAD0	001AE9D3	000482F7	0	001C0000	FA4E93D7	01083E94	00000000	BC000000
P11	03267050	01E650D1	000905EE	0	003R0000	05B16C28	0027C16B	00000000	BC000000

00167

SIGMA LOGIC SIMULATION, FDL, CASE 0010									
TIME	A REGISTER	A:REGISTER	B REGISTER	BC31	B:REGISTER	D REGISTER	D:REGISTER	CS REGISTER	CS:REGISTER
P11	11AFD2F0	001C2478	00120BDD	0	00700000	FA4E93D7	01D83E94	00000001	BC000000
P11	17FCCD90	01E8C61A	002417BA	0	00E00000	05B16C28	0027C16B	00000000	BC000000
P11	3B5C7370	00210F0A	00482F75	0	01C00000	FA4E93D7	01D83E94	00000001	BC000000
P11	6B560E90	01F29F3E	00905EFA	0	01800000	05B16C28	0027C16B	00000000	BC000000
P11	E20EF570	0034B952	0120BDD5	0	01000000	FA4E93D7	01D83E94	00000001	BC000000
P11	88BB1290	0019EFCF	02417BAB	0	0CC00000	FA4E93D7	01D83E94	00000001	BC000000
P11	66134CD0	01E45CC9	0482F756	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	D78971F0	00183C68	0905EEAD	0	00000000	FA4E93D7	01D83E94	00000001	BC000000
P11	A3B00B90	01E0F5FB	120BDD5A	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	52C2EF70	00116FCD	2417BAB5	0	00000000	FA4E93D7	01D83E94	00000001	BC000000
P11	9A230690	01D35AC4	482F756A	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	3FA8E570	01F6385F	905EEAD4	0	00000000	05B16C28	0027C16B	00000000	BC000000
P11	8AB4A331	003BF394	20BDD5A9	0	00000001	FA4E93D7	01D83E94	00000001	BC000000
P11	0A066E12	00286453	417BAB53	0	00000002	FA4E93D7	01D83E94	00000001	BC000000
P11	08AA03D4	000145D0	82F756A7	0	00000004	FA4E93D7	01D83E94	00000001	BC000000
P11	05F12F59	01B30ACA	05EEAD4E	0	00000009	05B16C28	0027C16B	00000000	BC000000
P11	17453702	01B5946A	0BDD5A9C	0	00000012	05B16C28	0027C16B	00000000	BC000000
P11	39ED4654	01BAABAA	17BAB538	0	00000024	05B16C28	0027C16B	00000000	BC000000
P11	7F3D64F8	01C4DA2A	2F756A70	0	00000048	05B16C28	0027C16B	00000000	BC000000
P11	09DDA240	01D9372B	5EEAD4E0	0	00000090	05B16C28	0027C16B	00000000	BC000000
P11	1F1E1CDD	0001F12C	BDD5A9C1	0	00000120	FA4E93D7	01D83E94	00000001	BC000000
P11	32D96151	01B45F82	7BAB5382	0	00000241	05B16C28	0027C16B	00000000	BC000000
P11	71159AF2	01B841DA	F756A704	0	00000482	05B16C28	0027C16B	00000000	BC000000
P11	ED8E0E35	01C0068A	EEAD4E08	0	00000905	05B16C28	0027C16B	00000000	BC000000
P11	E67EF48B	01CF8FEB	DD5A9C10	0	0000120B	05B16C28	0027C16B	00000000	BC000000
P11	D860C1C7	01EEA7AD	8AB5382C	0	00002417	05B16C28	0027C16B	00000000	BC000000
P11	BC245BDF	002CC831	756A7041	0	0000482F	FA4E93D7	01D83E94	00000001	BC000000
P11	6CE5D6F6	000A0D8D	EAD4E083	0	0000905E	FA4E93D7	01D83E94	00000001	BC000000
P11	CE68E68D	01C49R44	D5A9C106	0	000120BD	05B16C28	0027C16B	00000000	BC000000
P11	AR34A56B	01D8B35F	AB53820C	0	0002417B	05B16C28	0027C16B	00000000	BC000000
P11	58CC2327	0000E995	56A70419	0	000482F7	FA4E93D7	01D83E94	00000001	BC000000
P11	AC356DFE	01B25054	AD4E0832	0	000905EE	05B16C28	0027C16B	00000000	BC000000
P11	63CDB44D	01B4237F	5A9C1064	0	00120BDD	05B16C28	0027C16B	00000000	BC000000
P12	B53820C8	002417BA	5A9C1064	0	00120BDD	00000000	00000000	FFFFFFFF	BCFFFFFF

00168

SIGMA LOGIC SIMULATION, FDL, CASE 0010									
TIME	A REGISTER	A:REGISTER	B REGISTER	BC31	B:REGISTER	D REGISTER	D:REGISTER	CS REGISTER	CS:REGISTER
P13	7C000000	002417BA	5A9C1064	0	00120BDD	00000000	00000000	00000000	BC000000
P15	00000000	002417BA	5A9C1064	0	00120BDD	00000000	00000000	00000000	00000000

00169

SIGMA LOGIC SIMULATION, FDL CASE 0011									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIRREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	7FA22676	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	7FA22676	00000000	7FA22676	0	00000000	00000000	00000000	FF000000	00000000
P02	7F000000	00A22676	7FA22676	0	00000000	00ED08F8	01DED8F8	01000000	00000000
P03	C6C5116B	00A22676	7FA22676	0	00A22676	00000000	00000000	00000000	40000000
P04	C6C5116B	00A22676	00000000	0	00000000	6D4970CF	01DED8F8	00000001	40000000
P09	8D8A22D6	01444CED	00000000	0	00000000	6D4970CF	01DED8F8	00000001	40000000
P10	D8D8A22D	001444CE	60000000	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	8C443E7A	01E63B8E	00000000	0	00000000	92B682F0	00212707	00000000	41000000
P11	30F582D5	000EC82C	80000001	0	00000001	6D4970CF	01DED8F8	00000001	41000000
P11	567DFFCB	01DB3C49	00000002	0	00000003	92B682F0	00212707	00000000	41000000
P11	D2690576	01F8C6A1	00000004	0	00000006	92B682F0	00212707	00000000	41000000
P11	CA3F10CC	0033DB52	00000009	0	0000000C	6D4970CF	01DED8F8	00000001	41000000
P11	6F111BB8	00256896	00000013	0	00000018	6D4970CF	01DED8F8	00000001	41000000
P11	B8B53190	0008831D	00000027	0	00000030	6D4970CF	01DED8F8	00000001	41000000
P11	48FD5D40	01CFB82C	0000004E	0	00000060	92B682F0	00212707	00000000	41000000
P11	BD67C060	01DFBF67	0000009C	0	00000000	92B682F0	00212707	00000000	41000000
P11	A03C86A0	0001CADE	00000139	0	00000180	6D4970CF	01DED8F8	00000001	41000000
P11	1B0C0760	00C147AE	00000272	0	00000300	92B682F0	00212707	00000000	41000000
P11	5B8514A0	01C4D06E	000004E4	0	00000600	92B682F0	00212707	00000000	41000000
P11	DC772F20	01CC8CE5	000009C8	0	00000C00	92B682F0	00212707	00000000	41000000
P11	DE5B6420	01DA5FDA	00001390	0	00001800	92B682F0	00212707	00000000	41000000
P11	E223CE20	01F700C4	00002720	0	00003000	92B682F0	00212707	00000000	41000000
P11	E9B4A220	00306998	00004E41	0	00006000	6D4970CF	01DED8F8	00000001	41000000
P11	ADF3FE60	001E8522	00009C83	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	368B76E0	001F8C36	000139C6	0	00018000	92B682F0	00212707	00000000	41000000
P11	9283F3A0	0037C67B	0002720D	0	00030000	6D4970CF	01DED8F8	00000001	41000000
P11	FF9AE160	002D3FE7	0004E41B	0	00060000	6D4970CF	01DED8F8	00000001	41000000
P11	D9C8BCE0	00182FC0	0009C837	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	8E2473E0	01EF1172	0013906E	0	00180000	92B682F0	00212707	00000000	41000000

00170

SIGMA LOGIC SIMULATION, FDL CASE 0011									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIRREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	4185EFA0	001E70F4	00272000	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	5DFED560	01FA9309	004E41BA	0	00600000	92B682F0	00212707	00000000	41000000
P11	E16AB0A0	003775C1	002C8375	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	9D685860	002C9074	013906E8	0	01800000	6D4970CF	01DED8F8	00000001	41000000
P11	1563B030	0016E0FA	027200D7	0	01000000	6D4970CF	01DED8F8	00000001	41000000
P11	055A5B00	01F88BA5	04F41EAE	0	00000000	92B682F0	00212707	00000000	41000000
P11	3021BDCA0	00196559	00C8375D	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	3AD67560	01F07CA3	13906E8A	0	00000000	92B682F0	00212707	00000000	41000000
P11	9B19FCA0	00234755	2720DD75	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	10C60B60	0004409C	4E41BAF8	0	00000000	6D4970CF	01DED8F8	00000001	41000000
P11	FC20B0E0	01C63328	9C8375D6	0	00000000	92B682F0	00212707	00000000	41000000
P11	1DAE67A1	01CFB461	39C6EBAC	0	00000001	92B682F0	00212707	00000000	41000000
P11	60C9D522	01DFB401	72CDD758	0	00000002	92B682F0	00212707	00000000	41000000
P11	E700B024	0001B8B1	E41BAFB1	0	00000004	6D4970CF	01DED8F8	00000001	41000000
P11	A8945A69	01C12954	CA375D62	0	00000009	92B682F0	00212707	00000000	41000000
P11	7695BA33	01C4A0C8	9C6E8AC4	0	00000013	92B682F0	00212707	00000000	41000000
P11	12987B47	01CB8F80	20DD7588	0	00000027	92B682F0	00212707	00000000	41000000
P11	4A9DFC6E	01D9600F	41BAEB10	0	0000004E	92B682F0	00212707	00000000	41000000
P11	BA8FEBC	01F5282D	8375D620	0	0000009C	92B682F0	00212707	00000000	41000000
P11	9ABFC359	002C9F6A	06EBAC41	0	00000139	6D4970CF	01DED8F8	00000001	41000000
P11	10110002	0016EFC6	00D75883	0	00000272	6D4970CF	01DED8F8	00000001	41000000
P11	FAP4FBC4	01E88F7C	1BAEB106	0	000004E4	92B682F0	00212707	00000000	41000000
P11	1AD6FD68	00196009	375D620D	0	000009C8	6D4970CF	01DED8F8	00000001	41000000
P11	10A0F4F0	01FC8003	6ERAC41A	0	00001390	92B682F0	00212707	00000000	41000000
P11	45FEEFC0	00236615	DD758835	0	00002720	6D4970CF	01DED8F8	00000001	41000000
P11	667CD9A1	00047E1B	BAF81068	0	00004E41	6D4970CF	01DED8F8	00000001	41000000
P11	A774AD63	01C6AF27	75D620D6	0	00009C83	92B682F0	00212707	00000000	41000000
P11	745660A6	01CFAA5E	EBAC41AC	0	00013906	92B682F0	00212707	00000000	41000000
P11	0E19C72D	01E1A2CC	D7588358	0	0002720D	92B682F0	00212707	00000000	41000000
P11	41A0943B	000593A7	AFB106B1	0	0004E41B	6D4970CF	01DED8F8	00000001	41000000
P11	50D42297	01C8D93F	50620D62	0	0009C837	92B682F0	00212707	00000000	41000000
P11	E115480E	01D400RD	BAC41AC4	0	0013906E	92B682F0	00212707	00000000	41000000
P11	E7979BFD	01E44F2A	75883588	0	002720DD	92B682F0	00212707	00000000	41000000
P12	EB106B11	004F41BA	75883588	0	002720DD	00000000	00000000	FFFFFFFF	41FFFFFF

00175

SIGMA LOGIC SIMULATION, FDL CASE 0013									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	258BE147	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	258BE147	00000000	258BE147	0	00000000	00000000	00000000	FF000000	00000000
P02	25000000	008BE147	258BE147	0	00000000	ED0369CF	010369CF	01000000	00000000
P03	56AE37BF	008BE147	258BF147	0	008BE147	00000000	00000000	00000000	13000000
P04	56AE37BF	008BE147	00000000	0	00000000	DF1357BD	010369CF	00000000	13000000
P09	AD5C6F7E	0117C28E	00000000	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	18DF8E76	003658BD	00000001	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	EFE5CC66	00738519	00000002	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	21A4E952	00E03694	00000004	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	8523232A	01B99988	00000008	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	4C1F96DA	016C5F71	00000011	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	8665DD2E	00DF9282	00000023	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	6AF269D6	01C5F8A4	00000046	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	17BE2432	01851DA9	0000008D	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	EDA2F7DE	01110EF1	0000011B	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	996C9F36	0028F183	00C00237	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	F0FFEDE6	005886A6	00C0046E	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	23D92C52	00AA99AE	000008DC	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	898BA92A	014E5FBC	00C011B8	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	54F0A2DA	0095E8D9	00C02371	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	6807F52E	0132AB52	000046E2	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	11E93AE2	005E8305	00008DC5	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	E1F9253E	00C3D9A9	0001188A	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	05CB9B02	0180DFB4	00C02371	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	4D70868A	00FAE8C8	00C46E29	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	5907BC8E	01FCAR30	00C8DC52	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	F3E8C9A2	01F282C0	0011B8A5	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	A5F8428E	01EBD921	00C3714B	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	0A1734F6	01DF85E3	0046E297	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	D2551966	01C3DF65	008DC52F	0	00000000	DF1357BD	010369CF	00000000	13000000

00176

SIGMA LOGIC SIMULATION, FDL CASE 0013									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P11	62D0E246	018F926B	011B8A5F	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	83C87406	0123F876	023714BF	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	C5B79786	004FC48C	046E297F	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	4995DE86	00A45C89	08DC52FF	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	D5050D92	0141C5D2	11B8A5FC	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	EBE36RAA	007CF8C5	23714BF9	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	95ED86CF	010CC3AB	46E297F2	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	6DR45E22	01FAB3E7	8DC52FE4	0	00000000	20ECA842	00FC9630	00000000	13000000
P11	1D420CCB	01EE93CF	1B8A5FC9	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	F8AAC910	01F3F83D	3714BF93	0	00000000	DF1357BD	010369CF	00000000	13000000
P11	AF7C419A	01CECA1B	6E297F27	0	00000004	DF1357BD	010369CF	00000000	13000000
P11	1D1F32AE	01A467D7	DC52FE4F	0	00000008	DF1357BD	010369CF	00000000	13000000
P11	F86514D7	014FA34D	B8A5FC9F	0	00000011	DF1357BD	010369CF	00000000	13000000
P11	AEF0D929	00A61A3B	714BF93F	0	00000023	DF1357BD	010369CF	00000000	13000000
P11	1C0861CC	0153C817	E297F27E	0	00000046	20ECA842	00FC9630	00000000	13000000
P11	79EA141F	009F3C8E	C52FE4FD	0	0000008D	DF1357BD	010369CF	00000000	13000000
P11	B1FAD7B9	01454CBC	8A5FC9FA	0	0000011B	20ECA842	00FC9630	00000000	13000000
P11	A5CEFFF9	0083C5D9	14BF93F5	0	00000237	DF1357BD	010369CF	00000000	13000000
P11	09C4AF6C	010F5F53	297F27EA	0	00C0046E	20ECA842	00FC9630	00000000	13000000
P11	5562AF5E	0015EB06	52FE4FD5	0	000008DC	DF1357BD	010369CF	00000000	13000000
P11	68CC0E36	003PA9AC	A5FC9FAA	0	000011B8	20ECA842	00FC9630	00000000	13000000
P11	13B16CF3	005E7F89	4BF93F54	0	00002371	20ECA842	00FC9630	00000000	13000000
P11	693C2A6C	00B62BD2	97F27EA8	0	000046E2	20ECA842	00FC9630	00000000	13000000
P11	1451A55F	016584C5	2FE4FD50	0	00008DC5	20ECA842	00FC9630	00000000	13000000
P11	6A7C9B44	00C4346A	5FC9FAA1	0	00011B8A	DF1357BD	010369CF	00000000	13000000
P11	931FE6C2	018F3C74	BF93F542	0	00023714	20ECA842	00FC9630	00000000	13000000
P11	68191C8B	0117A549	7F27EA85	0	00046E29	DF1357BD	010369CF	00000000	13000000
P11	8E58E89D	00361F32	FE4FD50B	0	0008DC52	DF1357BD	010369CF	00000000	13000000
P11	DA08809B	00731004	FC9FAA16	0	0011B8A5	20ECA842	00FC9630	00000000	13000000
P11	F78A51BD	00DF4C69	F93F542C	0	0023714B	20ECA842	00FC9630	00000000	13000000
P11	30EDF401	0187C534	F27EA858	0	0046E297	20ECA842	00FC9630	00000000	13000000
P12	E4FD50B1	008DC52F	F27EA858	0	0046E297	00000000	00000000	FFFFFFF	13FFFFFF
P13	53723ADD	01723ADD	F27EA858	0	0046E297	00000000	00000000	FF000000	13000000

00177

SIGMA LOGIC SIMULATION, FDL CASE 0013

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	AC723ADC	01723ADC	F27EA858	0	0046E297	00000000	00000000	00000000	00000000

00178

SIGMA LOGIC SIMULATION, FDL CASE 0014

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	E13579BD	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PO1	E13579BD	00000000	E13579BD	0	00000000	00000000	00000000	FF000000	00000000
PO2	1E000000	013579BD	1E3579BD	0	00000000	F2468ACE	01468ACE	01000000	00000000
PO3	8147AD03	013579BD	1E3579BD	0	013579BD	00000000	00000000	FFFFFFF	11FFFFFF
PO4	7EB852FD	00CA8A42	00000000	0	00000000	E26AE38D	01468ACE	00000000	11000000
PO9	FD7CA5FA	01950C84	00000000	0	00000000	E26AE38D	01468ACE	00000000	11000000
P10	4FD7CA5F	001950C8	A0000000	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	6483DBD9	008FB72E	40000000	0	00000001	1D951C72	00B97531	00000000	12000000
P11	0431F098	00F2586F	80000000	0	00000002	1D951C72	00B97531	00000000	12000000
P11	438E1A17	015799F0	00000000	0	00000005	1D951C72	00B97531	00000000	12000000
P11	C2466D14	00222222	00000001	0	0000000A	E26AE38D	01468ACE	00000000	12000000
P11	4962A142	00F159E3	00000002	0	00000014	1D951C72	00B97531	00000000	12000000
P11	0DEF7B6A	01159F28	00000004	0	00100028	1D951C72	00B97531	00000000	12000000
P11	D7092FBA	019F24E3	00000008	0	0000009C	1D951C72	00B97531	00000000	12000000
P11	E93C985A	0CAF37C9	00000011	0	000000A0	E26AE38D	01468ACE	00000000	12000000
P11	974EF7CE	01E88531	00000022	0	00000140	1D951C72	00B97531	00000000	12000000
P11	69C82882	0149F4C5	00000045	0	00000280	E26AE38D	01468ACE	00000000	12000000
P11	9866181E	0120FF28	0000008B	0	00000500	E26AE38D	01468ACE	00000000	12000000
P11	F5A1F756	00CF13EE	00000117	0	00000A00	E26AE38D	01468ACE	00000000	12000000
P11	B01985C6	002B377B	0000022F	0	00001400	E26AE38D	01468ACE	00000000	12000000
P11	250932A6	00E39095	0000045E	0	00002800	1D951C72	00B97531	00000000	12000000
P11	853C9E32	013A088C	0000088C	0	00005000	1D951C72	00B97531	00000000	12000000
P11	45A3754A	01F7017B	00001178	0	0000A000	1D951C72	00B97531	00000000	12000000
P11	C671237A	0140E058	000022F1	0	00014000	E26AE38D	01468ACE	00000000	12000000
P11	51980E0F	010FF74F	000045E3	0	00028000	E26AE38D	01468ACE	00000000	12000000
P11	6A45F336	00AAF43C	00008BC7	0	00050000	E26AE38D	01468ACE	00000000	12000000
P11	95618D86	01E30216	0001178E	0	000A0000	1D951C72	00B97531	00000000	12000000
P11	65E533F2	0138EF8F	00022F1D	0	00140000	E26AE38D	01468ACE	00000000	12000000
P11	9CB06EFF	00FFF2BC	00045E38	0	00280000	E26AE38D	01468ACE	00000000	12000000

00179

SIGMA LOGIC SIMULATION, FDL CASE 0014									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	E636A516	008AFB16	0008BC77	0	00500000	E26AE38D	01468ACE	00000000	12000000
P11	91431146	01A309CB	001178EE	0	00A00000	1D951C72	00B97531	00000001	12000000
P11	5D805B72	00B901F9	0022F1DD	0	01400000	E26AE38D	01468ACE	00000000	12000000
P11	80367DFE	01FF1990	0045E3BA	0	00500000	1D951C72	00B97531	00000001	12000000
P11	3B9734E2	01711D83	008BC775	0	01000000	E26AE38D	01468ACE	00000000	12000000
P11	3C0430DE	016F50A4	01178EEB	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	3CDE28D6	016BB6E6	022F1DD7	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	3E9218C6	0164836A	045E3BAF	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	41F9FA6	01561C72	08BC775F	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	48C9B866	01394E82	1178EEBF	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	566937E6	00FFBFA2	22F1DD7F	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	71A836E6	008C7AE2	45E3BAFF	0	00000000	E26AE38D	01468ACE	00000000	12000000
P11	A82634E6	01A60962	8BC775FE	0	00000000	1D951C72	00B97531	00000001	12000000
P11	8B76A2B3	00BF0127	178EEBFD	0	00000001	E26AE38D	01468ACE	00000000	12000000
P11	DBC30CB0	000B17EC	2F1DD7FB	0	00000002	E26AE38D	01468ACE	00000000	12000000
P11	7C5BE01A	00A34577	5E3BAFF6	0	00000004	1D951C72	00B97531	00000001	12000000
P11	33E1F91A	00B97551	BC775FEC	0	00000008	1D951C72	00B97531	00000001	12000000
P11	A2EE2818	00E5D504	78FEBFD8	0	00000011	1D951C72	00B97531	00000001	12000000
P11	81068F1C	013E946B	F1DD7FB0	0	00000022	1D951C72	00B97531	00000001	12000000
P11	3D37571F	01F01339	E3BAFF60	0	00000045	1D951C72	00B97531	00000001	12000000
P11	B598E725	015317D4	C775FEC1	0	0000008B	E26AE38D	01468ACE	00000000	12000000
P11	30079565	01333747	8EFBFD83	0	00000117	E26AE38D	01468ACE	00000000	12000000
P11	24E4F1E5	00F3842C	1DD7FB07	0	0000022F	E26AE38D	01468ACE	00000000	12000000
P11	0E9FAAF4	007419F6	3BAFF6CF	0	0000045E	E26AE38D	01468ACE	00000000	12000000
P11	E2151CF2	01755189	775FEC1E	0	000008BC	1D951C72	00B97531	00000001	12000000
P11	FF5472AA	00508075	FEBFD83D	0	00001178	E26AE38D	01468ACE	00000000	12000000
P11	C37EAC6F	01483089	DD7FB07A	0	000022F1	1D951C72	00B97531	00000001	12000000
P11	C22791C5	00C34975	BAFF60F5	0	000045E3	E26AE38D	01468ACE	00000000	12000000
P11	4924EAA5	0093AC89	75FEC1EA	0	00008BC7	1D951C72	00B97531	00000001	12000000
P11	C0740E30	009A4374	EBFD83D4	0	0001178E	1D951C72	00B97531	00000001	12000000
P11	D6125547	0CA7714B	D7FB07A8	0	00022F1D	1D951C72	00B97531	00000001	12000000
P11	E74EE375	00C1CCF9	AFF60F5C	0	00045E3B	1D951C72	00B97531	00000001	12000000
P11	09C7FFD1	00F68456	5FFC1EAO	0	0008BC77	1D951C72	00B97531	00000001	12000000
P12	BFD83D40	001178FE	5FEC1EAO	0	0008BC77	00000000	00000000	FFFFFFF	12FFFFFF

00180

SIGMA LOGIC SIMULATION, FDL CASE 0014									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	521178EE	001178FE	5FEC1EAO	0	0008BC77	00000000	00000000	00000000	12000000
P15	521178EE	001178EE	5FEC1EAO	0	0008BC77	00000000	00000000	00000000	00000000

00181

SIGMA LOGIC SIMULATION, FDL CASE 0015									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	27C16B05	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	27C16B05	00000000	27C16B05	0	00000000	00000000	00000000	FF000000	00000000
P02	27000000	00C16B05	27C16B05	0	00000000	E8740C84	01740C84	01000000	00000000
P03	F37BF49E	00C16B05	27C16B05	0	00C16B05	00000000	00000000	00000000	13000000
P04	F37BF49E	00C16B05	00000000	0	00000000	1D950B60	01740C84	00000001	13000000
P09	E6F7E93C	0182DA0B	00000000	0	00000000	1D950B60	01740C84	00000001	13000000
P10	BE6F7E93	00182A60	00000000	0	00000000	1D950B60	01740C84	00000001	14000000
P11	B80913E9	011873C9	80000000	0	00000001	E26AF49F	008BF37B	00000000	14000000
P11	34E81111	0148FC8B	00000000	0	00000003	E26AF49F	008BF37B	00000000	14000000
P11	2EA60560	01A984CE	00000000	0	00000006	E26AF49F	008BF37B	00000000	14000000
P11	2221FFFE	006AEF14	00000001	0	0000000C	1D950B60	01740C84	00000001	14000000
P11	7F6E16BE	01BDF730	00000002	0	00000018	E26AF49F	008BF37B	00000000	14000000
P11	C3B216BA	0093D558	00000005	0	00000030	1D950B60	01740C84	00000001	14000000
P11	C28E4436	000FC3B9	0000000B	0	00000060	1D950B60	01740C84	00000001	14000000
P11	C0469F2E	0107A77B	00000016	0	000000C0	E26AF49F	008BF37B	00000000	14000000
P11	4563279A	012727EF	0000002C	0	00000180	E26AF49F	008BF37B	00000000	14000000
P11	4F9C3872	016636D6	00000058	0	00000300	E26AF49F	008BF37B	00000000	14000000
P11	640E5A22	01F454A4	000000B0	0	00000600	E26AF49F	008BF37B	00000000	14000000
P11	8CF29D82	00FC9C40	00000161	0	000000C0	1D950B60	01740C84	00000001	14000000
P11	550F51C6	00A93989	000002C3	0	00001800	1D950B60	01740C84	00000001	14000000
P11	E548BA4E	003A8C1A	00000587	0	00003000	1D950B60	01740C84	00000001	14000000
P11	05888B5E	015B313E	00000B0E	0	00006000	E26AF49F	008BF37B	00000000	14000000
P11	004CFFFA	01D24973	0000161C	0	0000C000	E26AF49F	008BF37B	00000000	14000000
P11	656FE93P	00Bc79Df	00002C39	0	00018000	1D950B60	01740C84	00000001	14000000
P11	0609E926	00610cC7	00005873	0	00030000	1D950B60	01740C84	00000001	14000000
P11	473DE90E	01AA3296	0000B0E6	0	00060000	E26AF49F	008BF37B	00000000	14000000
P11	5351BB5A	006C4C24	000161CD	0	000C0000	1D950B60	01740C84	00000001	14000000
P11	E1CD8D76	01C0B150	0002C39A	0	00180000	E26AF49F	008BF37B	00000000	14000000
P11	8871042A	00994999	00058735	0	00300000	1D950B60	01740C84	00000001	14000000

00182

SIGMA LOGIC SIMULATION, FDL CASE 0015									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	4C0C1F16	001AAC3B	000B0F6P	0	00500000	1D950B60	01740C84	00000001	14000000
P11	D34254EE	011D717E	00161CDf	0	00000000	E26AF49F	008BF37B	00000000	14000000
P11	685A931A	0152C9F5	002C39AC	0	01800000	E26AF49F	008BF37B	00000000	14000000
P11	9B880F72	018C7AF2	00587358	0	01000000	E26AF49F	008BF37B	00000000	14000000
P11	FBEC0822	0092D7EC	0080E681	0	00000000	1D950B60	01740C84	00000001	14000000
P11	33022706	000DD782	01F1C063	0	00000000	1D950B60	01740C84	00000001	14000000
P11	A12E640C	01C3BF0C	02C39AC6	0	00000000	E26AF49F	008BF37B	00000000	14000000
P11	0732B2DA	011F6311	0587358C	0	00000000	E26AF49F	008BF37B	00000000	14000000
P11	D33B4EF2	0156AD19	0B0C6B18	0	00000000	E26AF49F	008BF37B	00000000	14000000
P11	6B4CR722	01C5412B	161CD630	0	00000000	E26AF49F	008BF37B	00000000	14000000
P11	9B6EF782	00A2694E	2C39AC61	0	00000000	1D950B60	01740C84	00000001	14000000
P11	7208C506	002CEBA5	587358C3	0	00000000	1D950B60	01740C84	00000001	14000000
P11	1F3A224F	0141F053	B3F6B186	0	00000000	E26AF49F	008BF37B	00000000	14000000
P11	034A20DB	019BC79E	61CD630C	0	00000001	E26AF49F	008BF37B	00000000	14000000
P11	CB6A44F4	004F7633	C39AC619	0	00000002	1D950B60	01740C84	00000001	14000000
P11	D1FEA0AB	01R7056F	87358C32	0	00000005	E26AF49F	008BF37B	00000000	14000000
P11	68D32A95	0025F1D7	0E6R186F	0	0000000B	1D950B60	01740C84	00000001	14000000
P11	00006BEC	0133FCF7	1CD630CA	0	00000016	E26AF49F	008BF37B	00000000	14000000
P11	DE76C116	017FE065	39AC6194	0	0000002C	E26AF49F	008BF37B	00000000	14000000
P11	81C36B6A	0017A7C3	7358C329	0	00000058	1D950B60	01740C84	00000001	14000000
P11	3EFC0F96	0117698F	E6B18652	0	000000B0	E26AF49F	008BF37B	00000000	14000000
P11	4237C46B	0146BR16	00630CA4	0	00000161	E26AF49F	008BF37B	00000001	14000000
P11	49457215	01A55724	9AC61948	0	000002C3	E26AF49F	008BF37B	00000000	14000000
P11	5760C069	00629540	358C3291	0	00000587	1D950B60	01740C84	00000001	14000000
P11	E9EBB194	01AD4388	6B186522	0	000009CF	E26AF49F	008BF37B	00000000	14000000
P11	98AD4C66	00726F09	0630CA45	0	0000161C	1D950B60	01740C84	00000001	14000000
P11	6C84AF8F	01CCF51B	AC61948A	0	00002C39	E26AF49F	008BF37B	00000000	14000000
P11	9D0FA850	00B1D12E	58C32915	0	00005873	1D950B60	01740C84	00000001	14000000
P11	76E8A77C	004RR865	B186522B	0	0000B0E6	1D950B60	01740C84	00000001	14000000
P11	28F865BB	0178F0C3	630CA456	0	000161CD	E26AF49F	008BF37B	00000000	14000000
P11	16CCR484	0017069E	C61948AD	0	0002C39A	1D950B60	01740C84	00000001	14000000
P11	68C3RC2B	01162644	8C32915A	0	00058735	E26AF49F	008BF37B	00000000	14000000
P11	965CE995	01443380	186522B4	0	000B0F6B	E26AF49F	008BF37B	00000000	14000000
P12	30CA4568	00161CD6	186522B4	0	00B0E6B	00000000	00000000	FFFFFFF7	14FFFFFF

00183

SIGMA LOGIC SIMULATION, FDL CASE 0015									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	54161CD6	00161CD6	186522B4	0	000B0E6B	00000000	00000000	00000000	14000000
P15	54161CD6	00161CD6	186522B4	0	000B0E6B	00000000	00000000	00000000	00000000

00184

SIGMA LOGIC SIMULATION, FDL CASE 0016									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	F0259E49	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	F0259E49	00000000	F0259E49	0	00000000	00000000	00000000	FF000000	00000000
P02	0F000000	01259E49	0F259E49	0	00000000	FBE159F0	01F159F0	01000000	00000000
P03	45AE739F	01259F49	0F259E49	0	01259E49	00000000	00000000	FFFFFFF0	CBFFFFFF
P04	8A518C61	00DA61B6	00000000	0	00000000	28CE58DF	01E159F0	00000000	00000000
P09	74A318C2	01B4C36D	00000000	0	00000000	28CE58DF	01E159F0	00000000	00000000
P10	D74A318C	001B4C36	20000000	0	00000000	28CE58DF	01E159F0	00000000	00000000
P11	00311A06	01F94C4E	40000000	0	00000000	D731A420	001EA60F	00000000	00000000
P11	AEC57DEE	002FE48B	80000001	0	00000000	28CE58DF	01F159F0	00000000	00000000
P11	AF27B39F	00227057	00000003	0	00000001	28CE58DF	01F159F0	00000000	00000000
P11	AFFC1EF4	0007AF8F	00000007	0	00000002	28CE58DF	01F159F0	00000000	00000000
P11	B174F5A6	01D210FF	0000000E	0	00000004	D731A420	001EA60F	00000000	00000000
P11	114D338E	01F16F1F	00000010	0	00000008	D731A420	001EA60F	00000000	00000000
P11	D0FCAF5E	0000285D	00000039	0	00000010	28CE58DF	01E159F0	00000000	00000000
P11	F398167A	01C30498	00000072	0	00000020	D731A420	001EA60F	00000000	00000000
P11	95937536	01C35557	000000E4	0	00000040	D731A420	001EA60F	00000000	00000000
P11	098A32AE	01C3F4CE	000001C8	0	00000080	D731A420	001EA60F	00000000	00000000
P11	6177AD9F	01C539BD	00000390	0	00000100	D731A420	001EA60F	00000000	00000000
P11	7152A37E	01C7BF9A	00000720	0	00000200	D731A420	001EA60F	00000000	00000000
P11	91C88F3E	01CC0B54	00000F40	0	00000400	D731A420	001EA60F	00000000	00000000
P11	D07466BE	01D6E2C8	00001C80	0	00000800	D731A420	001EA60F	00000000	00000000
P11	4F4C158E	01ER11B1	00003900	0	00001000	D731A420	001EA60F	00000000	00000000
P11	4CFB734E	00136F82	00007201	0	00002000	28CE58DF	01E159F0	00000000	00000000
P11	EB939F3A	01E992E4	0000E402	0	00004000	D731A420	001EA60F	00000000	00000000
P11	858A86B6	001071E9	00C1C8C5	0	00008000	28CE58DF	01F159F0	00000000	00000000
P11	5C81C52A	01E397B3	00C3900A	0	00010000	D731A420	001EA60F	00000000	00000000
P11	67C6C296	00047R86	00072015	0	00020000	28CE58DF	01E159F0	00000000	00000000
P11	212A5CEA	01C8AAED	00CF402A	0	00040000	D731A420	001EA60F	00000000	00000000
P11	F0B80216	01D4A1F9	001C8054	0	00080000	D731A420	001EA60F	00000000	00000000

00185

SIGMA LOGIC SIMULATION, FDL, CASE 0016									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	8FD34C6E	01E69013	003900A8	0	00100000	D731A420	001EA60F	00000001	0C000000
P11	CE09E11E	000A6C46	00720151	0	00200000	28CE5BDF	01F159F0	00000000	0C000000
P11	EDB079FA	01D78C6D	00E402A2	0	00400000	D731A420	001EA60F	00000001	0C000000
P11	89C43C36	01EC64FB	01C80544	0	00800000	D731A420	001EA60F	00000001	0C000000
P11	C1EBCOAE	00161616	03900A89	0	01000000	28CE5BDF	01E159F0	00000000	0C000000
P11	D574391A	01FEE00D	07201512	0	00000000	D731A420	001EA60F	00000001	0C000000
P11	5948BA76	00180C38	0E402A25	0	00000000	28CE5BDF	01E159F0	00000000	0C000000
P11	04342CAA	01F8CC57	1C80544A	0	00000000	D731A420	001EA60F	00000001	0C000000
P11	B6CBA196	002EE4CD	3900A895	0	00000000	28CE5BDF	01E159F0	00000000	0C000000
P11	BF33FAEA	00207D7B	7201512B	0	00000000	28CE5BDF	01E159F0	00000000	0C000000
P11	D004AD92	00C3AFD7	E402A257	0	00000000	28CE5BDF	01E159F0	00000000	0C000000
P11	F1A612E3	01CA118F	C80544AE	0	00000001	D731A420	001EA60F	00000001	0C000000
P11	91AF6E09	01D16F3F	900A895C	0	00000003	D731A420	001EA60F	00000001	0C000000
P11	01C22455	01F02A9E	201512B8	0	00000007	D731A420	001EA60F	00000001	0C000000
P11	51E79CEC	01FDA15D	402A257C	0	0000000E	D731A420	001EA60F	00000001	0C000000
P11	52326A1A	003R8EDA	80544AE1	0	0000001C	28CE5BDF	01F159F0	00000000	0C000000
P11	F6018BF3	003D194	00A895C3	0	00000039	28CE5BDF	01E159F0	00000000	0C000000
P11	309FCFA4	002A570A	01512B87	0	00000072	28CE5BDF	01E159F0	00000000	0C000000
P11	CCDC5706	001761F4	02A2570F	0	000000E4	28CE5BDF	01E159F0	00000000	0C000000
P11	EB5565CA	01F177C9	0544AE1E	0	000001C8	D731A420	001EA60F	00000001	0C000000
P11	850E13D6	00203BB3	0A895C3D	0	00000390	28CE5BDF	01E159F0	00000000	0C000000
P11	5888DF6A	00032B47	1512B87B	0	00000720	28CE5BDF	01E159F0	00000000	0C000000
P11	090E7692	01C90A6F	2A2570F6	0	00000E40	D731A420	001EA60F	00000001	0C000000
P11	C0803566	01CF67FD	544AE1EC	0	00001C80	D731A420	001EA60F	00000001	0C000000
P11	2F63B30E	01DC0E1B	A895C3D8	0	00003900	D731A420	001EA60F	00000001	0C000000
P11	0D2AAE5F	01F56856	512BR7BC	0	00007201	D731A420	001EA60F	00000001	0C000000
P11	C8R8A500	002R1CCB	A2570F61	0	0000E402	28CE5BDF	01F159F0	00000000	0C000000
P11	E30E01BF	0012ED77	44AE1EC3	0	0001C805	28CE5BDF	01E159F0	00000000	0C000000
P11	1798BB3C	01E88ED0	895C3D86	0	0003900A	D731A420	001EA60F	00000001	0C000000
P11	DD04BFEB	000E69BF	12BR7B0D	0	00072015	28CE5BDF	01E159F0	00000000	0C000000
P11	00463534	01CF8760	2570F61A	0	000E402A	D731A420	001EA60F	00000001	0C000000
P11	C8EFB2AA	01FC5ADF	4AE1FC34	0	001C8054	D731A420	001EA60F	00000001	0C000000
P11	4042AD96	003601DF	95C3D869	0	003900A8	28CE5BDF	01F159F0	00000000	0C000000
P12	2BR7E0D3	00720151	95C3D869	0	003900A8	00000000	00000000	FFFFFFF	CCFFFFFF

00186

SIGMA LOGIC SIMULATION, FDL, CASE 0016									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	4C720151	00720151	95C3D869	0	003900A8	00000000	00000000	00000000	0C000000
P15	4C720151	00720151	95C3D869	0	003900A8	00000000	00000000	00000000	0C000000

00187

SIGMA LOGIC SIMULATION, FDL, CASE 0017									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	8ACE9FBD	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PO1	8ACE9FBD	00000000	8ACE9FBD	0	00000000	00000000	00000000	FF000000	00000000
PO2	75000000	01CF9FBD	75CE9FBD	0	00000000	A5C19180	01C19180	01000000	00000000
PO3	A13BF37D	01CE9FBD	75CE9FBD	0	01CE9FBD	00000000	00000000	FFFFFFF	1BFFFFFF
PO4	5EC40C83	00316042	00000000	0	00000000	D71BA4E8	01C19180	00000001	1B000000
PO9	BD881906	0062C084	00000000	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	29477BDE	0048A40B	00000001	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	00C6418E	00146B18	00000003	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	AFC3CCEE	01ABF931	00000006	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	B150500A	01D4CF61	00000000	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	B4695647	002678C1	00000019	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	17C9F656	01D01A85	00000032	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	7FDCA2DA	00101208	00000065	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	ADF08F86	018D4712	000000CA	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	ADA9D53A	01F76R23	00000194	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	AD1C60A2	006BB345	00000329	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	C8700516	005A898D	00000653	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	BF175FFE	0038361B	00000CA7	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	2C66C9CF	01F38F39	0000194F	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	AA94C9CA	0063FR70	00003290	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	0360DD66	004B19E3	0000653B	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	84F9049E	001956C7	0000CA77	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	1829530E	0185D091	000194FE	0	00000000	28F45B17	003E6E7F	00000000	1B000000
P11	82195C4A	01F87F20	0003290C	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	55FF6FC0	004DD93F	000653B9	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	5A362756	001ED580	000CA773	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	62A3987E	01C0CF02	00194FE6	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	170FE72A	01FE79C3	003290CC	0	00000000	28E45B17	003E6E7F	00000000	1B000000
P11	7FF88482	0079CF04	00653B99	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	AEC85206	0076C10A	00CA7733	0	00000000	D71BA4E8	01C19180	00000001	1B000000

00188

SIGMA LOGIC SIMULATION, FDL, CASE 0017									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	0A47FF7F	0070A517	0194FE67	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	020720CF	0064602F	03290CCF	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	33C559AE	004FF161	0053B99F	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	15C282AE	001B10C4	00CA7733F	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	093C432E	01E05F89	194FE67F	0	00000000	28F45B17	003E6E7F	00000000	1B000000
P11	054140AA	01EFA112	3290CCFC	0	00000000	28F45B17	003E6E7F	00000000	1B000000
P11	504B4F42	0057112P	653B99F9	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	66C08E54	003B4546	CA7733F3	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	7B031A7F	01F9A08E	94FE67E6	0	00000001	28E45B17	003E6E7F	00000000	1B000000
P11	49AEE020	00703813	290CCFC0	0	00000003	D71BA4E8	01C19180	00000001	1B000000
P11	41152020	00639338	5BFF9F26	0	00000006	D71BA4E8	01C19180	00000001	1B000000
P11	30A18A2A	004A4872	A7733F37	0	00000000	D71BA4E8	01C19180	00000001	1B000000
P11	0EFA5F27	001785F6	4FF67E6F	0	00000019	D71BA4E8	01C19180	00000001	1B000000
P11	0C2C0620	01328FCD	90CCFC0E	0	00000032	28E45B17	003E6E7F	00000000	1B000000
P11	EAC0026F	01F1FA97	3099F90C	0	00000065	28F45B17	003E6E7F	00000000	1B000000
P11	26A43B0C	0040002P	7733F379	0	000000CA	D71BA4E8	01C19180	00000001	1B000000
P11	FA4EBFEA	0004C765	FF67E6F3	0	00000194	D71BA4E8	01C19180	00000001	1B000000
P11	A2FC0947	018CP10D	0CCFC0E6	0	00000329	28E45B17	003E6E7F	00000000	1B000000
P11	976A4970	018A4099	E09F90CC	0	00000653	28E45B17	003E6E7F	00000000	1B000000
P11	80954229	01A95E31	733F3798	0	00000CA7	28E45B17	003E6E7F	00000000	1B000000
P11	52F34220	010E9961	F67FAF30	0	0000194E	28E45B17	003E6E7F	00000000	1B000000
P11	F7AF472F	00100F00	CCFC0E61	0	00003290	D71BA4E8	01C19180	00000001	1B000000
P11	9D95D831	01384283	99F95CC2	0	0000653B	28E45B17	003E6E7F	00000000	1B000000
P11	8CF46671	01F36205	3FF37984	0	0000CA77	28F45B17	003E6E7F	00000000	1B000000
P11	68118330	0063A109	67E6F309	0	000194FE	D71BA4E8	01C19180	00000001	1B000000
P11	859A5072	004A6514	CF0DF613	0	0003290C	D71BA4E8	01C19180	00000001	1B000000
P11	29A9EAE7	0017022A	9F9BCC27	0	000653B9	D71BA4E8	01C19180	00000001	1B000000
P11	210F1F41	018F0057	3F37984E	0	000CA773	28E45B17	003E6E7F	00000000	1B000000
P11	93E6F400	01E207AC	7E6F309C	0	0194FE66	28E45B17	003E6E7F	00000000	1B000000
P11	799A95F4	00428057	FCFE6139	0	003290CC	D71BA4E8	01C19180	00000001	1B000000
P11	A16468FF	006839E0	F9FCC273	0	00653B99	D71BA4E8	01C19180	00000001	1B000000
P12	F37984E6	00CA7733	F9HCC273	0	00653B99	00000000	00000000	FFFFFFF	1BFFFFFF
P13	5B3585CC	013588CC	F9HCC273	0	00653B99	00000000	00000000	FF000000	1B000000

00189

SIGMA LOGIC SIMULATION, FDL CASE 0017

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	A43588CC	013588CC	F9BCC273	0	00653B99	00000000	00000000	00000000	00000000

00190

SIGMA LOGIC SIMULATION, FDL CASE 0018

TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	A09CD39F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	A09CD39F	00000000	A'9CD39F	0	00000000	00000000	00000000	FF000000	00000000
P02	5F000000	019CD39F	5F9CD39F	0	00000000	CE8C26A8	018C26A8	01000000	00000000
P03	F4A01703	019CD39F	5F9CD39F	0	019CD39F	00000000	00000000	FFFFFFF	2FFFFFFF
P04	085FE82F	00692060	00000000	0	00000000	F67B159D	018C26A8	00000000	2E000000
P09	168FD05A	00C658C0	00000000	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	1775C8EE	00A4FFD2	00000001	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	21F1C316	00624AF6	00000003	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	30R94166	010CE33E	00000006	0	00000000	0984EA62	0073D957	00000000	2FC00000
P11	747D3792	0041792A	0000000E	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	D5F09A5E	005R3FA6	0000001F	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	98D75FF6	01CECC9F	00000036	0	00000000	0984EA62	0073D957	00000001	2FC00000
P11	44B89482	00K548ED	00000060	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	7667549F	0022EF8C	000000D8	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	D9C4D476	015E17AA	000001B6	0	00000000	0984EA62	0073D957	00000000	2FC00000
P11	C69377B2	01A3E2C3	0000036C	0	00000000	0984EA62	0073D957	00000001	2FC00000
P11	AC30D02A	002F74B5	00000609	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	2D57C88F	01773A5D	00000D82	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	60F968E2	01C62928	00001564	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	EE7CAC8A	009402FE	000036C9	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	C9FF444E	0040524F	00004C93	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	80053306	0198F3F1	00000B26	0	00000000	0984EA62	0073D957	00000000	2FC00000
P11	14B43C72	00199A91	0001B64D	0	00000000	F67B159D	018C26A8	00000000	2FC00000
P11	165EA41E	01488274	00036C9A	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	3FC71D02	017EB796	0006D934	0	00000000	0984EA62	0073D957	00000000	2E000000
P11	9298CECA	01E5210A	000DB268	0	00000000	0984EA62	0073D957	00000001	2FC00000
P11	3839F25A	00E1F663	001864D1	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	5D6A0FFF	007C3A18	0036C9A3	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	A7CA4816	0010C182	006D9347	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	3C8AC166	0139D057	00DB268E	0	00000000	0984EA62	0073D957	00000000	2E000000

00191

SIGMA LOGIC SIMULATION, FDL, CASE 0018

TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIRREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	8C1F5792	0158535C	01B64D1C	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	2B4883EA	019E5967	036C9A38	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	699ADC9A	0024657C	06F93471	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	C02BE46F	0161184A	0DB268E2	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	93619DA2	01A9E343	1864D1C4	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	39CD100A	003B7935	36C9A3F9	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	60904B4E	018F3FBC	6093471P	0	00000000	0984EA62	0073D957	00000001	2E000000
P11	D42A6B62	00C63226	0E268E25	0	00000000	F67B159D	018C26A8	00000000	2E000000
P11	954B01FF	0124B19F	864D1C4A	0	00000001	0984EA62	0073D957	00000001	2E000000
P11	3D9FCAC5	013115ED	6C9A3894	0	00000003	0984EA62	0073D957	00000001	2E000000
P11	8E498650	0149DF88	09347128	0	00000006	0984EA62	0073D957	00000001	2E000000
P11	2F9CC167	01786FFF	8268F25C	0	0000000D	0984EA62	0073D957	00000001	2E000000
P11	72439795	01DE922C	64D1C4A0	0	0000001B	0984EA62	0073D957	00000001	2E000000
P11	F79103FC	00A4D7C6	C9A38941	0	00000036	F67B159D	018C26A8	00000000	2E000000
P11	DC183312	0061F0FF	93471283	0	0000006D	F67B159D	018C26A8	00000000	2E000000
P11	A5269171	01004411	268F2506	0	000000DB	0984EA62	0073D957	00000001	2E000000
P11	5D56F7A8	00AC3AD1	4D1C4A0D	0	000001B6	F67B159D	018C26A8	00000000	2E000000
P11	A7A41A8A	0058C2F4	9A38941B	0	0000036C	F67B159D	018C26A8	00000000	2E000000
P11	3C3E6C4F	01C9D33B	34712836	0	000006D9	0984EA62	0073D957	00000001	2E000000
P11	82869564	007B5924	68F2506D	0	00000DB2	F67B159D	018C26A8	00000000	2E000000
P11	0403B602	000EFF9B	D1C4A0DB	0	00001B64	F67B159D	018C26A8	00000000	2E000000
P11	F4FC073F	013A4C87	A38941B6	0	000036C9	0984EA62	0073D957	00000001	2E000000
P11	F0038345	015448BD	4712836C	0	00006D93	0984EA62	0073D957	00000001	2E000000
P11	0D10DE50	01904A2A	8E2506D8	0	0000DB26	0984EA62	0073D957	00000001	2E000000
P11	29288267	000847C2	1C4A0DB1	0	0001B64D	F67B159D	018C26A8	00000000	2E000000
P11	474D4208	018D0956	38941B62	0	00036C9A	0984EA62	0073D957	00000001	2E000000
P11	A1A458D6	0139695A	712836C4	0	0006D934	0984EA62	0073D957	00000001	2E000000
P11	56528672	015A8563	E2506D88	0	000DB268	0984EA62	0073D957	00000001	2E000000
P11	8FAEE1A8	0190B074	C4A0DB1C	0	001B64D1	0984EA62	0073D957	00000001	2E000000
P11	92679810	0021E097	8941B621	0	0036C9A3	F67B159D	018C26A8	00000000	2E000000
P11	11C55B75	015AA881	12836C42	0	006D9347	0984EA62	0073D957	00000001	2E000000
P12	2506F884	000B26AE	12836C42	0	006D9347	00000000	00000000	FFFFFFFF	2EFFFFFF
P13	6E0B26AE	000B26AE	12836C42	0	006D9347	00000000	00000000	00000000	2E000000

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SIGMA LOGIC SIMULATION, FDL, CASE 0018

TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIRREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P15	6E0B26AE	000B26AE	12836C42	0	006D9347	00000000	00000000	00000000	00000000

00193

SIGMA LOGIC SIMULATION, FDL CASE 0019									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31 B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER	
PPR	E6E28A3D	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	E6E28A3D	00000000	E6F28A3D	0	00000000	00000000	00000000	FF000000	00000000
P02	19000000	01E28A3D	19E28A3D	0	00000000	F708B4C4	0108B4C4	01000000	00000000
P03	F7F93B4E	01E28A3D	19E28A3D	0	01E28A3D	00000000	00000000	FFFFFFF	11FFFFFF
P04	0806C4B2	001D75C2	00000000	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P09	100D8964	003AE884	00000000	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	C75A2F5E	00874091	00000000	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	E7754226	00F01799	00000000	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	27AB6786	01E8C5AA	00000000	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	A817B2D6	01C021CA	00000001	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	F76E8242	0191AD1E	00000003	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	961C211A	0134C3C7	00000007	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	D3775ECA	007AF118	0000000F	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	4E2DDA2A	010748BB	0000001E	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	F51C978E	01F020EC	0000003C	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	42FA12F6	01E8F750	00000079	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	20334262	01E34E2A	000000F3	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	01A5A15A	01D805DE	000001E7	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	A8A85F4A	01C17545	000003CF	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	FC53DB2A	01945414	0000079F	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	9FE6D2EA	013A11B3	00000F3F	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	E70CC26A	00858CF0	00001E7F	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	7558A16A	011C836B	00003CFE	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	4372263E	0027904C	000079FD	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	2E236912	006CA424	0000F3FA	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	B5C7B58E	00AFDEBE	0001E7F4	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	C2D04E86	014E53F3	0003CFE8	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	DE618C76	00RR3E5C	00C79FD1	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	64021D82	0127E645	000F3FA2	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	20C51E6E	003F63C1	001E7F45	0	00000000	D39F8E4A	0108B4C4	00000001	11000000

00194

SIGMA LOGIC SIMULATION, FDL CASE 0019									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31 B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER	
P11	E8C95972	008E2FF8B	003CFE8A	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	2A539A4F	010AF58E	0079FD14	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	AD6810C6	00048192	00F3FA29	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	025F3CA2	001A6CAF	01E7F452	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	50CF5CAE	00236FD4	00CFE8A4	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	127F9CC6	0035761F	079FD148	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	70C01CF6	005982P4	0F3FA29C	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	54411D56	00A19PFF	1E7F4520	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	01431F16	0131CE35	3CFE8A40	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	5R471F96	005232E0	79FD1481	0	00000000	D39F8E4A	0108B4C4	00000001	11000000
P11	50C059C2	005FCF4A	F3FA29C2	0	00000000	2C6071B5	00F74B3B	00000000	11000000
P11	14589AFF	015A35CB	E7F452C4	0	00000001	2C6071B5	00F74B3B	00000000	11000000
P11	817819A9	00A3008C	CFE8A409	0	00000003	D39F8E4A	0108B4C4	00000001	11000000
P11	AA2F4F29	01576AA2	9FD14812	0	00000007	2C6071B5	00F74B3B	00000000	11000000
P11	AD1F818D	009068BB	3FA29C25	0	0000000F	D39F8E4A	0108B4C4	00000001	11000000
P11	017E2110	014041C1	7F4520A4	0	0000001E	2C6071B5	00F74B3B	00000000	11000000
P11	58D0238A	00871878	FE8A4C95	0	0000003C	D39F8E4A	0108B4C4	00000001	11000000
P11	5E9A63A8	011F9A7A	FD14812A	0	00000079	2C6071B5	00F74B3B	00000000	11000000
P11	1633AA01	002DC348	FA29C255	0	000000CF	D39F8E4A	0108B4C4	00000001	11000000
P11	D3A67219	006D005F	F45204AA	0	000001F7	2C6071B5	00F74B3B	00000000	11000000
P11	0000C79D	00089736	E8A40954	0	000003CF	2C6071B5	00F74B3B	00000000	11000000
P11	580C72A5	017FC4E2	D14812A8	0	0000079F	2C6071B5	00F74B3B	00000000	11000000
P11	0A79C8B5	00E2203B	A2902551	0	0000003F	D39F8E4A	0108B4C4	00000001	11000000
P11	BC32AE01	01FA99FF	45204AA2	0	00001E7F	2C6071B5	00F74B3B	00000000	11000000
P11	01263F6C	01C9EA75	8A4C9545	0	00003CFE	D39F8E4A	0108B4C4	00000001	11000000
P11	498E934F	01453F75	14812A8F	0	000079FD	D39F8E4A	0108B4C4	00000001	11000000
P11	3A565374	015RE674	29C25517	0	0000F3FA	D39F8E4A	0108B4C4	00000001	11000000
P11	18FC937E	00093672	5204AA2F	0	0001E7F4	D39F8E4A	0108B4C4	00000001	11000000
P11	DF16A392	01A3D66D	A4C9545E	0	0003CFE8	2C6071B5	00F74B3B	00000000	11000000
P11	16FE2A8F	01364352	4812A8BD	0	00079FD1	D39F8E4A	0108B4C4	00000001	11000000
P11	D51B71B4	0070F02D	9C25517B	0	000F3FA2	D39F8E4A	0108B4C4	00000001	11000000
P12	204AA2F6	001F7F45	9C25517B	0	000F3FA2	00000000	00000000	FFFFFFF	11FFFFFF
P13	51E1808A	01E1808A	9C25517B	0	000F3FA2	00000000	00000000	FF000000	11000000

00195

SIGMA LOGIC SIMULATION, FDL, CASE 0019									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	AEE180BA	01E180BA	9025517B	0	000F3FA2	00000000	00000000	00000000	00000000

00196

SIGMA LOGIC SIMULATION, FDL, CASE 0020									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	47E95A3F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	47E95A3F	00000000	47E95A3F	0	00000000	00000000	00000000	FF000000	00000000
P02	47000000	00E95A3F	47E95A3F	0	00000000	E6F22A4F	01F22A4F	01000000	00000000
P03	690B7C52	00E95A3F	47E95A3F	0	00E95A3F	00000000	00000000	00000000	2F000000
P04	690B7C52	00E95A3F	690B7C52	0	00E95A3F	F29405E9	01F22A4F	00000000	2F000000
P06	29405E90	0122A4FF	690B7C52	0	00E95A3F	F29405E9	01F22A4F	00000000	2F000000
P07	29405E90	0122A4FF	690B7C52	0	00E95A3F	F29405E9	01F22A4F	00000000	2F000000
P08	690B7C52	00E95A3F	00000000	0	00000000	29405E90	0122A4FF	00000000	2F000000
P09	D216F8A4	0102B47E	00000000	0	00000000	29405E90	0122A4FF	00000000	2F000000
P10	ED216F8A	00102B47	40000000	0	00000000	29405E90	0122A4FF	00000000	30000000
P11	20039034	007FA08E	80000000	0	00000000	D6BFA16F	00D5B00	00000001	30000000
P11	07067849	0089F71E	00000000	0	00000001	D6BFA16F	00D5B00	00000001	30000000
P11	BBFC3972	012FA43D	00000000	0	00000002	D6BFA16F	00D5B00	00000001	30000000
P11	24978504	0017FF7D	00000001	0	00000004	29405E90	0122A4FF	00000001	30000000
P11	9BFC2848	007544F8	00000002	0	00000008	D6BFA16F	00D5B00	00000001	30000000
P11	E40F9430	00A547F2	00000004	0	00000010	D6BFA16F	00D5B00	00000001	30000000
P11	773E6840	010530E7	00000008	0	00000020	D6BFA16F	00D5B00	00000001	30000000
P11	93FC1960	01053110	00000010	0	00000040	D6BFA16F	00D5B00	00000001	30000000
P11	E57775A0	014519A2	00000021	0	00000080	29405E90	0122A4FF	00000001	30000000
P11	106FA860	00CF7044	00000043	0	00000100	29405E90	0122A4FF	00000001	30000000
P11	80600E00	01E44486	00000086	0	00000200	D6BFA16F	00D5B00	00000001	30000000
P11	C83F5EAD	01833F0E	00000100	0	00000400	29405E90	0122A4FF	00000001	30000000
P11	E2FF7A60	0149CF1B	0000021B	0	00000800	29405E90	0122A4FF	00000001	30000000
P11	127F51F0	0000CA36	00000437	0	00001000	29405E90	0122A4FF	00000001	30000000
P11	838C20E0	01FFFF6A	0000086E	0	00002000	D6BFA16F	00D5B00	00000001	30000000
P11	B47F8440	018FB2D6	0000100D	0	00004000	29405E90	0122A4FF	00000001	30000000

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SIGMA LOGIC SIMULATION, FDL CASE 0020									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	BB7FC66C	01B6AFAB	000021BB	0	00008000	29405E90	0122A4FF	00000000	30000000
P11	C98049E0	01B2A955	00004377	0	00010000	29405E90	0122A4FF	00000000	30000000
P11	E58150E0	01AA9CA9	000086EF	0	00020000	29405E90	0122A4FF	00000000	30000000
P11	1D835EE0	019A8352	00010DDF	0	00040000	29405E90	0122A4FF	00000000	30000000
P11	8D877AE0	017A50A2	000218BF	0	00080000	29405E90	0122A4FF	00000000	30000000
P11	6D8FB2E0	0139E843	0004377F	0	00100000	29405E90	0122A4FF	00000000	30000000
P11	2DA022E0	00B92085	00086EFF	0	00200000	29405E90	0122A4FF	00000000	30000000
P11	ADC102E0	01B78B08	0010DDFE	0	00400000	D6BFA16F	00DD5800	00000001	30000000
P11	090148A0	0129CC13	0021BBFD	0	00800000	29405E90	0122A4FF	00000000	30000000
P11	64834E60	0098E224	004377FB	0	01000000	29405E90	0122A4FF	00000000	30000000
P11	1B8759E0	01770E47	00R6EFF6	0	00000000	D6BFA16F	00DD5800	00000001	30000000
P11	E48DF6A0	00A8D28F	010DDFED	0	00000000	29405E90	0122A4FF	00000000	30000000
P11	1B9CAA60	0196EF1E	021BBFDA	0	00000000	D6BFA16F	00DD5800	00000001	30000000
P11	E48R97AC	00FR943D	04377FB5	0	00000000	29405E90	0122A4FF	00000000	30000000
P11	1BF1EC60	0016727A	086EFF6B	0	00000000	29405E90	0122A4FF	00000000	30000000
P11	8A6495E0	00722FF2	10DDFED6	0	00000000	D6BFA16F	00DD5800	00000001	30000000
P11	C2486EA0	009F13F6	218BFDAC	0	00000000	D6BFA16F	00DD5800	00000001	30000000
P11	32102020	00FRDDCF	4377FB58	0	00000000	D6BFA16F	00DD5800	00000001	30000000
P11	119F8320	01AC71A0	86FFF68C	0	00000000	D6BFA16F	00DD5800	00000001	30000000
P11	00BF4921	01139941	0DDFED61	0	00000001	29405E90	0122A4FF	00000000	30000000
P11	F3FD4F62	006C7C81	1BBFDAC3	0	00000002	29405E90	0122A4FF	00000000	30000000
P11	3A7B5B4	011E4302	377FB586	0	00000004	D6BFA16F	00DD5800	00000001	30000000
P11	2275FAA8	01F73C06	6EFF680C	0	00000008	D6BFA16F	00DD5800	00000001	30000000
P11	F26B3830	01A92E0D	DDFED619	0	00000010	29405E90	0122A4FF	00000000	30000000
P11	37572DA1	0197A61A	8BFDAC33	0	00000021	29405E90	0122A4FF	00000000	30000000
P11	C12F1823	01749632	77FB5867	0	00000043	29405E90	0122A4FF	00000000	30000000
P11	040EED66	012E7663	EFF680CF	0	00000086	29405E90	0122A4FF	00000000	30000000
P11	FC3E97ED	00AP36C5	DFED619F	0	0000010D	29405E90	0122A4FF	00000000	30000000
P11	4AFDECFB	0189B78A	BFDAC33E	0	0000021B	D6BFA16F	00DD5800	00000001	30000000
P11	43781C07	00CE5516	7F58670E	0	00000437	29405E90	0122A4FF	00000000	30000000
P11	D976F6CE	01F1942A	FF680CFA	0	0000086E	D6BFA16F	00DD5800	00000001	30000000
P11	606D307D	017DDF57	FED619FF	0	000010DD	29405E90	0122A4FF	00000000	30000000
P11	135B1E1B	014106AD	FDAC33EB	0	0000219B	29405E90	0122A4FF	00000000	30000000
P11	7936F957	00C75758	F3586707	0	00004377	29405E90	0122A4FF	00000000	30000000
P11	44FEAFCF	01D3F8AF	F680CFAE	0	000086EF	D6BFA16F	00DD5800	00000001	30000000

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SIGMA LOGIC SIMULATION, FDL CASE 0020									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	375CA27F	0162A760	ED619F5D	0	00010000	29405E90	0122A4FF	00000000	30000000
P11	C13AC21F	01CA98FE	DAC33EBB	0	000218BF	29405E90	0122A4FF	00000000	30000000
P11	D4FAC15F	00FA707B	58R67077	0	0004377F	29405E90	0122A4FF	00000000	30000000
P11	FC6A3FDF	00FA40F5	68CCFAEE	0	00086FFF	D6BFA16F	00DD5800	00000001	30000000
P12	0619F5DC	0010DDFE	68CCFAFF	0	00086FFF	00000000	00000000	FFFFFFFF	30FFFFFF
P13	70FF2201	01EF2001	68CCFAEE	0	00086FFF	00000000	00000000	FFFFFFFF	30000000
P15	8FEF2201	01EF2001	68CCFAEE	0	00086FFF	00000000	00000000	00000000	00000000

00199

SIGMA LOGIC SIMULATION, FDL CASE 0021									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	AE58B190	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	AE58B190	00000000	AE58B190	0	00000000	00000000	00000000	FF000000	00000000
P02	51000000	0158B190	5158B190	0	00000000	D2CD6837	01CD6837	01000000	00000000
P03	C237DAC1	0158B190	5158B190	0	0158B190	00000000	00000000	FFFFFFF	24FFFFFF
P04	30CR253F	00A74E6F	00000000	0	00000000	88ACDE98	01CD6837	00000001	24000000
P09	78904A7E	014E9CDE	00000000	0	00000000	88ACDE98	01CD6837	00000001	24000000
P10	E78904A7	0014E9CD	F0000000	0	00000000	88ACDE98	01CD6837	00000001	25000000
P11	E0CB0681	01C4A40A	C0000000	0	00000001	77532167	003297C8	00000000	25000000
P11	B03DCFD1	01EE77A6	80000000	0	00000003	77532167	003297C8	00000000	25000000
P11	4F21E271	00421EDD	00000001	0	00000007	88ACDE98	01CD6837	00000001	25000000
P11	AF9D8214	001F0E2B	00000003	0	0000000E	88ACDE98	01CD6837	00000001	25000000
P11	7094C15A	01D8E0C6	00000006	0	0000001C	77532167	003297C8	00000000	25000000
P11	CF0FC582	0017091D	0000000D	0	00000038	88ACDE98	01CD6837	00000001	25000000
P11	80F94836	01C8E2AA	0000001A	0	0000007C	77532167	003297C8	00000000	25000000
P11	5098033A	01F6F4E6	00000034	0	000000E0	77532167	003297C8	00000000	25000000
P11	8F07E942	0053195D	00000069	0	000001C0	88ACDE98	01CD6837	00000001	25000000
P11	31098FB6	0041032A	000000D3	0	00000380	88ACDE98	01CD6837	00000001	25000000
P11	736C0C9E	001CD6C3	000001A7	0	00000700	88ACDE98	01CD6837	00000001	25000000
P11	F833766E	01C470F5	0000034E	0	00000E00	77532167	003297C8	00000000	25000000
P11	DF0DFAA	00CF2B7C	0000069D	0	0001C000	88ACDE98	01CD6837	00000001	25000000
P11	CF741C86	01B72768	00000D3A	0	00003800	77532167	003297C8	00000000	25000000
P11	8D8E7BDA	01D37E62	00001A74	0	00007C00	77532167	003297C8	00000000	25000000
P11	09C33A82	000C2C56	000034E9	0	0000E000	88ACDE98	01CD6837	00000001	25000000
P11	24EC3236	01B3291B	000069D2	0	0001C000	77532167	003297C8	00000000	25000000
P11	3866A73A	01C881C7	0000D3A4	0	00038000	77532167	003297C8	00000000	25000000
P11	5F739142	01FC331F	0001A748	0	00070000	77532167	003297C8	00000000	25000000
P11	AD8D6552	005F95CF	00C34E91	0	000E0000	88ACDE98	01CD6837	00000001	25000000
P11	6C7487D6	0055F00E	00069D23	0	001C0000	88ACDE98	01CD6837	00000001	25000000
P11	EA42CCDF	004AC88B	000D3A47	0	00380000	88ACDE98	01CD6837	00000001	25000000

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SIGMA LOGIC SIMULATION, FDL CASE 0021									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	E50F56FF	00286196	001A748F	0	00700000	88ACDE98	01CD6837	00000001	25000000
P11	D018650E	01F8927C	0034E91F	0	00500000	77532167	003297C8	00000000	25000000
P11	A8D7195A	002C568A	00269D230	0	01000000	88ACDE98	01CD6837	00000001	25000000
P11	637F1F06	00177284	00D3A47E	0	01800000	88ACDE98	01CD6837	00000001	25000000
P11	0769923F	01C10P77	01A748F6	0	01000000	77532167	003297C8	00000000	25000000
P11	9079774A	01E8C680	034E91FC	0	00000000	77532167	003297C8	00000000	25000000
P11	29993562	0036BC92	069D2309	0	00000000	88ACDE98	01CD6837	00000001	25000000
P11	648C27F6	00894993	003A4759	0	00000000	88ACDE98	01CD6837	00000001	25000000
P11	DA72001E	01A86295	1A748F66	0	00000000	77532167	003297C8	00000000	25000000
P11	A3A500A	01B8F61C	34E91ECC	0	00000000	77532167	003297C8	00000000	25000000
P11	358AFCE2	01D81D0A	69D23098	0	00000000	77532167	003297C8	00000000	25000000
P11	5A10C092	001F69A5	D3A47531	0	00000000	88ACDE98	01CD6837	00000001	25000000
P11	C5923657	01D9A359	A748F662	0	00000001	77532167	003297C8	00000000	25000000
P11	79CAAF7D	00187704	4E91ECC5	0	00000003	88ACDE98	01CD6837	00000001	25000000
P11	04FF1F2C	01C88F78	9F23B98A	0	00000006	77532167	003297C8	00000000	25000000
P11	F8847527	01FCAC60	3A47B314	0	0000000D	77532167	003297C8	00000000	25000000
P11	DF4F391C	005E8892	748F6629	0	0000001A	88ACDE98	01CD6837	00000001	25000000
P11	DC882F6A	0057F194	E31ECC53	0	00000034	88ACDE98	01CD6837	00000001	25000000
P11	B2CA1007	004A2998	003D98A7	0	00000069	88ACDE98	01CD6837	00000001	25000000
P11	76D0F541	002FF7AC	A47B314F	0	000000D3	88ACDE98	01CD6837	00000001	25000000
P11	FF35A785	01F8BF4F	48F6629E	0	000001A7	77532167	003297C8	00000000	25000000
P11	ED119238	005AACF0	91FCC53D	0	0000034E	88ACDE98	01CD6837	00000001	25000000
P11	E97CF1A3	00502F50	23D98A7E	0	00000A9D	88ACDE98	01CD6837	00000001	25000000
P11	E853E178	0032F010	47F314F7	0	00000D3A	88ACDE98	01CD6837	00000001	25000000
P11	E2D0E122	0011E49C	8F6629EF	0	00001A74	88ACDE98	01CD6837	00000000	25000000
P11	D5583977	01B2E590	1ECC53D0	0	000034E9	77532167	003297C8	00000000	25000000
P11	995CB59C	01D87482	3D98A7BC	0	000069D2	77532167	003297C8	00000000	25000000
P11	215FAF46	00242466	74314F79	0	0000D3A4	88ACDE98	01CD6837	00000000	25000000
P11	5419193F	01F31A5B	F6629EFD	0	001A748	77532167	003297C8	00000000	25000000
P11	96087648	00286447	FCC53DE5	0	00034E91	88ACDE98	01CD6837	00000001	25000000
P11	3F0AA0C9	01F198FE	D98A7BCA	0	00069D23	77532167	003297C8	00000000	25000000
P11	6CB89661	0046618D	3314F795	0	00D3A47	88ACDE98	01CD6837	00000001	25000000
P11	EAD0E9F5	00289389	6629EFD2	0	001A748F	88ACDE98	01CD6837	00000001	25000000
P12	CC530F56	0034E01F	6629EFD2	0	001A748F	00000000	00000000	FFFFFFF	25FFFFFF

00201

SIGMA LOGIC SIMULATION, FDL CASE 0021									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	65CB16E1	01CB16E1	6629EF2B	0	001A748F	00000000	00000000	FF000000	25000000
P15	9ACB16E1	01CB16E1	6629EF2B	0	001A748F	00000000	00000000	00000000	00000000

00202

SIGMA LOGIC SIMULATION, FDL CASE 0022									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	E0FC7F1C	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	E0FC7F1C	00000000	E0FC7F1C	0	00000000	00000000	00000000	FF000000	00000000
P02	1F000000	01FC7F1C	1FFC7F1C	0	00000000	FAC41382	01C41382	01000000	00000000
P03	253F7EA9	01FC7F1C	1FFC7F1C	0	01FC7F1C	00000000	00000000	FFFFFFFF	1AFFFFFF
P04	AC081570	003B0CF3D	00000000	0	00000000	00000000	00000000	00000000	19000000
P05	AC081570	003B0CF3D	00000000	0	00000000	446E28CA	01C41382	00000000	19000000
P09	58102AE0	0070107B	00000000	0	00000000	446E28CA	01C41382	00000000	19000000
P11	38FCA754	00685FFB	00000001	0	00000000	446E28CA	01C41382	00000000	19000000
P11	FAD5A030	0058E6FA	00000003	0	00000000	446E28CA	01C41382	00000000	19000000
P11	7EA7920C	0039F4FA	00000007	0	00000000	446E28CA	01C41382	00000000	19000000
P11	85FB75AC	01FC10F9	0000000E	0	00000000	BB91D735	003BEC7D	00000000	19000000
P11	82FA99C4	006FFAEE	00000010	0	00000000	446E28CA	01C41382	00000000	19000000
P11	8ED1851C	00A1CFE1	0000003B	0	00000000	446E28CA	01C41382	00000000	19000000
P11	A67F53CC	005860C7	00000077	0	00000000	446E28CA	01C41382	00000000	19000000
P11	D5DBC92C	0038E493	000000EF	0	00000000	446E28CA	01C41382	00000000	19000000
P11	3492636C	01F9FA2C	0000010E	0	00000000	BB91D735	003BEC7D	00000000	19000000
P11	E0487644	0068C953	0000038D	0	00000000	446E28CA	01C41382	00000000	19000000
P11	496D3E1C	005FB7AC	0000077B	0	00000000	446E28CA	01C41382	00000000	19000000
P11	1B86C0CC	00479A5D	00000FF7	0	00000000	446E28CA	01C41382	00000000	19000000
P11	0049E12C	0017508E	000010EF	0	00000000	446E28CA	01C41382	00000000	19000000
P11	097028EC	0184DF82	0000388E	0	00000000	BB91D735	003BEC7D	00000000	19000000
P11	8AD40644	01E595FF	0000778C	0	00000000	BB91D735	003BEC7D	00000000	19000000
P11	8B28BAF4	004304FA	0000EF79	0	00000000	446E28CA	01C41382	00000000	19000000
P11	9F33C77C	00E30F79	00010EF3	0	00000000	446E28CA	01C41382	00000000	19000000
P11	C743E28C	01A488F7	00038DE6	0	00000000	BB91D735	003BEC7D	00000000	19000000
P11	05A86F44	01CCEAE8	000778CC	0	00000000	BB91D735	003BEC7D	00000000	19000000
P11	827A8074	01F8AFC1	000CF798	0	00000000	BB91D735	003BEC7D	00000000	19000000
P11	7C18C954	0068362E	0010EF31	0	00000000	446E28CA	01C41382	00000000	19000000
P11	810DF43C	005F9441	003BDE63	0	00000000	446E28CA	01C41382	00000000	19000000

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SIGMA LOGIC SIMULATION, FDL, CASE 0022									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	8AF81A0C	00454F87	0077BCC7	0	00000000	446E28CA	01C41382	00000000	19000000
P11	9ECC85AC	0012C613	00EF798F	0	00000000	446E28CA	01C41382	00000000	19000000
P11	C6755CEC	01ADB32B	01DEF31E	0	00000000	BB91D735	003BEC7D	00000001	19000000
P11	040F6844	01D33F53	03BDE63C	0	00000000	BB91D735	003BEC7D	00000001	19000000
P11	7F407EF4	001F57A1	0778CC79	0	00000000	446E28CA	01C41382	00000000	19000000
P11	875D4F7C	01C4D647	0EF798F2	0	00000000	BB91D735	003BEC7D	00000001	19000000
P11	85D64D64	0001858A	1DEF31E5	0	00000000	446E28CA	01C41382	00000000	19000000
P11	9498EC5C	018B3219	3BDE63CA	0	00000000	BB91D735	003BEC7D	00000001	19000000
P11	A0558724	018F302E	778CC794	0	00000000	BB91D735	003BEC7D	00000001	19000000
P11	B7CERC84	01945358	EF798F28	0	00000000	BB91D735	003BEC7D	00000001	19000000
P11	E6C127D5	01A07FAC	DEF31E50	0	00000001	BB91D735	003BEC7D	00000001	19000000
P11	44A5FE17	0188D855	BDE63CA0	0	00000003	BB91D735	003BEC7D	00000001	19000000
P11	006FAA9B	01E989A6	7BCC7940	0	00000007	BB91D735	003BEC7D	00000001	19000000
P11	780303A2	CC4AEC47	F798F281	0	0000000E	446E28CA	01C41382	00000000	19000000
P11	78E258D9	001DFF93	EF31E503	0	0000001D	446E28CA	01C41382	00000000	19000000
P11	7AA10347	01C4262B	DE63CA06	0	0000003B	BB91D735	003BEC7D	00000001	19000000
P11	6C65B4FB	00002552	BCC7940D	0	00000077	446E28CA	01C41382	00000000	19000000
P11	61A7888B	018871A9	798F281A	0	000000EF	BB91D735	003BEC7D	00000001	19000000
P11	3A732582	0188B04E	F31E5034	0	000001DE	BB91D735	003BEC7D	00000001	19000000
P11	EC09F971	01895197	E63CA068	0	000003BD	BB91D735	003BEC7D	00000001	19000000
P11	4F37A14F	018A7C2B	CC7940D0	0	0000077B	BB91D735	003BEC7D	00000001	19000000
P11	1592F10B	018CD152	98F281AC	0	00000EF7	BB91D735	003BEC7D	00000001	19000000
P11	A2499083	0191789F	31E50340	0	00001DEF	BB91D735	003BEC7D	00000001	19000000
P11	BBE6CF72	019AD03A	63CA0680	0	00003BDE	BB91D735	003BEC7D	00000001	19000000
P11	EE914D50	01AD7970	C7940D00	0	000077BC	BB91D735	003BEC7D	00000001	19000000
P11	54464900	01D2C8DD	8F281A00	0	0000EF79	BB91D735	003BEC7D	00000001	19000000
P11	1F8C4087	001D78B6	1E503401	0	0001DEF3	446E28CA	01C41382	00000000	19000000
P11	C83CD2A2	01C30870	3CAC6802	0	0003BDE6	BB91D735	003BEC7D	00000001	19000000
P11	079D5380	01FDE9DD	7940D004	0	000778CC	BB91D735	003BEC7D	00000001	19000000
P11	865E550C	0073ACB5	F281A009	0	000EF798	446E28CA	01C41382	00000000	19000000
P11	9598FB20	006F806F	F5034013	0	001DEF31	446E28CA	01C41382	00000000	19000000
P11	B4CE48EF	006727E3	CAC68027	0	003BDE63	446E28CA	01C41382	00000000	19000000
P11	F0F8E973	00567ACB	94C0004F	0	0077BCC7	446E28CA	01C41382	00000000	19000000
P12	281A008F	00EF798F	94C0004F	0	0077BCC7	00000000	00000000	FFFFFFF	19FFFFFF

00204

SIGMA LOGIC SIMULATION, FDL, CASE 0022									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	59EF798F	00EF798F	94C0004F	0	0077BCC7	00000000	00000000	00000000	19000000
P15	59EF798F	00EF798F	94C0004F	0	0077BCC7	00000000	00000000	00000000	00000000

00205

SIGMA LOGIC SIMULATION, FDL CASE 0023									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	67B5C610	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	67B5C610	00000000	67B5C610	0	00000000	00000000	00000000	FF000000	00000000
P02	67000000	00B5C610	67B5C610	0	00000000	C28E7D39	018E7D39	01000000	00000000
P03	67B980C1	00B5C610	67B5C610	0	00B5C610	00000000	00000000	00000000	2A000000
P04	67B980C1	00B5C610	00000000	0	00000000	ECA42082	018E7D39	00000001	2A000000
P09	CF730182	016B8C20	00000000	0	00000000	ECA42082	018E7D39	00000001	2A000000
P10	0CF73018	0016B8C2	20000000	0	00000000	ECA42082	018E7D39	00000001	2B000000
P11	F336A136	014A6BF7	40000000	0	00000000	135BDF7D	007182C6	00000000	2B000000
P11	0D250466	01770D7C	80000000	0	00000000	135BDF7D	007182C6	00000000	2B000000
P11	4101C4C7	0102C084	00000000	0	00000001	135BDF7D	007182C6	00000000	2B000000
P11	A88B4288	008F8694	00000001	0	00000002	ECA42082	018E7D39	00000001	2B000000
P11	2AECE616	002E079D	00000003	0	00000004	ECA42082	018E7D39	00000001	2B000000
P11	2FC5CD32	0179C9AE	00000006	0	00000008	135BDF7D	007182C6	00000000	2B000000
P11	8443595E	01D518E8	00000000	0	00000010	135BDF7D	007182C6	00000000	2B000000
P11	2F3E7184	008D375D	00000019	0	00000020	ECA42082	018E7D39	00000001	2B000000
P11	37C52472	0037692E	00000033	0	00000040	ECA42082	018E7D39	00000001	2B000000
P11	48D289EA	018RCCD0	00000066	0	00000080	135BDF7D	007182C6	00000000	2B000000
P11	B85CD2CF	01FA9F2C	000000CC	0	00000100	135BDF7D	007182C6	00000000	2B000000
P11	97716496	00D843E5	00000199	0	00000200	ECA42082	018E7D39	00000001	2B000000
P11	082B0A32	00CD823F	00000333	0	00000400	ECA42082	018E7D39	00000001	2B000000
P11	E99E556A	00B7FFF1	00000667	0	00000800	ECA42082	018E7D39	00000001	2B000000
P11	AC84E80A	008CF857	00000CCF	0	00001000	ECA42082	018E7D39	00000001	2B000000
P11	3E52185A	003AE823	0000199F	0	00002000	ECA42082	018E7D39	00000001	2B000000
P11	3DFC727A	018AD08A	0000333E	0	00004000	135BDF7D	007182C6	00000000	2B000000
P11	A29CA37E	01FA70C0	0000667C	0	00000000	135BDF7D	007182C6	00000000	2B000000
P11	6BD90AD6	00D4538D	0000CCCF	0	00010000	ECA42082	018E7D39	00000001	2B000000
P11	B0FA4EB2	00C5A18E	000199F3	0	00020000	ECA42082	018E7D39	00000001	2B000000
P11	3B3CDE6A	00AR3091	000333E7	0	00040000	ECA42082	018E7D39	00000001	2B000000
P11	4FC1FDDA	00667596	000667CF	0	00080000	ECA42082	018E7D39	00000001	2B000000

00206

SIGMA LOGIC SIMULATION, FDL CASE 0023									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	78CC3C4A	01F7E5A0	000CCCF9	0	00100000	135BDF7D	007182C6	00000000	2B000000
P11	1850386E	002D07CD	00199F30	0	00200000	ECA42082	018E7D39	00000001	2B000000
P11	09E8B1F9	00C8900E	00333E7B	0	00400000	ECA42082	018E7D39	00000001	2B000000
P11	ED19A4CA	00A2328F	00667CF7	0	00800000	ECA42082	018E7D39	00000001	2B000000
P11	B3B8A09A	00615F93	00CCCF9E	0	01000000	ECA42082	018E7D39	00000001	2B000000
P11	43F65A3A	010FB09B	0199F30F	0	00000000	135BDF7D	007182C6	00000000	2B000000
P11	A736684F	00A278C2	0333E7AD	0	00000000	ECA42082	018E7D39	00000001	2B000000
P11	278517F2	0061F8F9	0667CF7B	0	00000000	ECA42082	018E7D39	00000001	2B000000
P11	2B4270CA	01E0D266	00CF9EFA	0	00000000	135BDF7D	007182C6	00000000	2B000000
P11	781CA87F	0044A458	199F30E0	0	00000000	ECA42082	018E7D39	00000001	2B000000
P11	C9818222	00664F24	333E78DB	0	00000000	ECA42082	018E7D39	00000001	2B000000
P11	6C48454A	01E988D0	667CF736	0	00000000	135BDF7D	007182C6	00000000	2B000000
P11	FF4E438F	00E63706	CCF9EFA0	0	00000000	ECA42082	018E7D39	00000001	2B000000
P11	D7E40403	00896881	99F30E0B	0	00000001	ECA42082	018E7D39	00000001	2B000000
P11	8911E040	002FC077	33E78DB7	0	00000003	ECA42082	018E7D39	00000001	2B000000
P11	ERAC13AC	017C91A2	67CF786F	0	00000006	135BDF7D	007182C6	00000000	2B000000
P11	F08FE63A	010C2851	CF9EFA0C	0	00000000	135BDF7D	007182C6	00000000	2B000000
P11	2107884F	00985630	9E3DF059	0	00000019	ECA42082	018E7D39	00000001	2B000000
P11	10F757F5	0053A6D4	3E78DB73	0	00000033	ECA42082	018E7D39	00000001	2B000000
P11	1336F000	01C4481C	7CF786F6	0	00000066	135BDF7D	007182C6	00000000	2B000000
P11	4D25AC0A	006B95C4	F9FF600D	0	000000CC	ECA42082	018E7D39	00000001	2B000000
P11	73928238	01F425FC	F3CFE98A	0	00000199	135BDF7D	007182C6	00000000	2B000000
P11	0DDE0371	00C85185	F7E0B735	0	00000333	ECA42082	018E7D39	00000001	2B000000
P11	F5950759	00E3907D	CF786F68	0	00000667	ECA42082	018E7D39	00000001	2B000000
P11	C353D000	008435E7	9EF60C07	0	00000CCF	ECA42082	018E7D39	00000001	2B000000
P11	5FFFE249	00286553	30FDB9AF	0	0000199F	ECA42082	018E7D39	00000001	2B000000
P11	99280678	0167C51A	78DB735E	0	0000333E	135BDF7D	007182C6	00000000	2B000000
P11	5970CEFA	01828FC1	F7F6E68C	0	0000667C	135BDF7D	007182C6	00000000	2B000000
P11	D8C756CF	0042550E	EF60C079	0	0000CCCF	ECA42082	018E7D39	00000001	2B000000
P11	8AF6EAE5	01A04491	0ED89AF2	0	000199F3	135BDF7D	007182C6	00000000	2B000000
P11	30659C45	003D8EAF	B8B735E7	0	000333E7	ECA42082	018E7D39	00000001	2B000000
P11	52137991	01981702	786E65CA	0	002667CF	135BDF7D	007182C6	00000000	2B000000
P11	C4FE8210	00133530	F60C0795	0	000CCCF9E	ECA42082	018E7D39	00000001	2B000000
P12	E089AF2A	00199F30	F60C0795	0	000CCCF9E	00000000	00000000	FFFFFFFF	2BFFFFFF

00207

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0023								
	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P13	6B199F3D	00199F3D	F6DCD795	0	000CCF9E	00000000	00000000	00000000	2B000000
P15	6B199F3D	00199F3D	F6DCD795	0	000CCF9E	00000000	00000000	00000000	00000000

00208

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0024								
	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	9BAE1805	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	9BAE1805	00000000	9BAE1805	0	00000000	00000000	00000000	FF000000	00000000
P02	64000000	01AF1805	64AE1805	0	00000000	D9EF9A8C	01EF9A8C	01000000	00000000
P03	F1430A42	01AE1805	64AE1805	0	01AF1805	00000000	00000000	FFFFFFF7	3FFFFFFF
P04	0E5C378E	0051F4FA	00000000	0	00000000	A628C3D7	01EF9A8C	00000001	3F000000
P09	1C8B6F7C	00A3C9E4	00000000	0	00000000	A628C3D7	01EF9A8C	00000001	3F000000
P10	41C88AF7	00CA3C9F	00000000	0	00000000	A628C3D7	01EF9A8C	00000001	3F000000
P11	0FF8953F	01F3AE57	00000000	0	00000001	59D73C28	00106573	00000000	3F000000
P11	537FA38E	000A2796	00000001	0	00000003	A628C3D7	01EF9A8C	00000001	3F000000
P11	F350000E	01EF8445	00000002	0	00000006	59D73C28	00106573	00000001	3F000000
P11	9A5C15E0	01FFD372	00000004	0	0000000C	59D73C28	00106573	00000001	3F000000
P11	E84EA428	0020710B	00000009	0	00000018	A628C3D7	01EF9A8C	00000001	3F000000
P11	1CE00000	002018B1	00000013	0	0000003C	A628C3D7	01EF9A8C	00000001	3F000000
P11	862F2780	001F667B	00000027	0	0000006C	A628C3D7	01EF9A8C	00000001	3F000000
P11	58AFD710	001F0210	0000004F	0	000000C0	A628C3D7	01EF9A8C	00000001	3F000000
P11	F0B13500	001B3939	0000009F	0	00000180	A628C3D7	01EF9A8C	00000001	3F000000
P11	47B3F350	0016A78D	0000013F	0	00000300	A628C3D7	01EF9A8C	00000001	3F000000
P11	DBB26E50	000A8433	0000027F	0	00000600	A628C3D7	01EF9A8C	00000001	3F000000
P11	03C46450	01F43761	000004FF	0	00000C00	59D73C28	00106573	00000001	3F000000
P11	BB374500	000945E8	000009DF	0	00001800	A628C3D7	01EF9A8C	00000001	3F000000
P11	02000090	01F1C2EA	000013FA	0	00003000	59D73C28	00106573	00000001	3F000000
P11	392E8570	00F4409C	000027F6	0	00006000	A628C3D7	01EF9A8C	00000001	3F000000
P11	3FAF9E90	01F70091	00004FFA	0	0000C000	59D73C28	00106573	00000001	3F000000
P11	3106BE70	01F7680A	00009FD4	0	00018000	59D73C28	00106573	00000001	3F000000
P11	15C5E330	00F19AFB	00013FA9	0	00030000	A628C3D7	01EF9A8C	00000001	3F000000
P11	770D4E10	01F2610F	00027F62	0	00060000	59D73C28	00106573	00000001	3F000000
P11	A3A91470	01EFA105	0004FEA4	0	000C0000	59D73C28	00106573	00000001	3F000000
P11	FAR0A130	01E000F1	0009FD48	0	00180000	59D73C28	00106573	00000001	3F000000
P11	ABAFEAB0	01FE44CA	0013FA90	0	00300000	59D73C28	00106573	00000001	3F000000

00209

SIGMA LOGIC SIMULATION, FDL CASE 0024									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P11	050DEDCB	0012947C	0027F521	0	00600000	A628C3D7	01EF9A8C	00000001	3F000000
P11	566D6310	00045E11	004FEA43	0	00C00000	A628C3D7	01EF9A8C	00000001	3F000000
P11	F92C0DD0	01E7F13B	009FD486	0	01800000	59D73C28	00106573	00000000	3F000000
P11	A60713F0	01F0A05E	013FA90C	0	01000000	59D73C28	00106573	00000000	3F000000
P11	FFBCA030	000225A3	027F5219	0	00000000	A628C3D7	01EF9A8C	00000001	3F000000
P11	*BCAC810	01E38061	04FEA432	0	00000000	59D73C28	00106573	00000000	3F000000
P11	*B440870	01E7CBA9	09FD4864	0	00000000	59D73C28	00106573	00000000	3F000000
P11	*A368930	01F06239	13FA90C8	0	00000000	59D73C28	00106573	00000000	3F000000
P11	*81B8ABC	00018F59	27F52191	0	00000000	A628C3D7	01EF9A8C	00000001	3F000000
P11	DC889D10	01E253CB	4FEA4322	0	00000000	59D73C28	00106573	00000000	3F000000
P11	6CBFB270	01E5727E	9FD48644	0	00000000	59D73C28	00106573	00000000	3F000000
P11	802DD031	01EBAFE3	3FA90C88	0	00000001	59D73C28	00106573	00000000	3F000000
P11	CE0A32B2	01F82AAD	7F521910	0	00000002	59D73C28	00106573	00000000	3F000000
P11	*FC2DD0B4	00112042	FEA43221	0	00000000	A628C3D7	01EF9A8C	00000001	3F000000
P11	EBD74319	0001759D	FD486443	0	00000009	A628C3D7	01EF9A8C	00000001	3F000000
P11	24000DE3	01E22055	FA90C886	0	00000013	59D73C28	00106573	00000000	3F000000
P11	FBAE9A17	01E50B90	F521910C	0	00000027	59D73C28	00106573	00000000	3F000000
P11	AB0BA07F	01EAE208	EA432218	0	0000004F	59D73C28	00106573	00000000	3F000000
P11	09C5B94F	01F68FF8	D4864430	0	0000009F	59D73C28	00106573	00000000	3F000000
P11	C739EAEF	0000E8D6	A90C8861	0	0000013F	A628C3D7	01EF9A8C	00000001	3F000000
P11	DAC5508F	01FB06C6	521910C2	0	0000027F	59D73C28	00106573	00000000	3F000000
P11	6939936E	01E6D874	A4322185	0	000004FE	A628C3D7	01EF9A8C	00000001	3F000000
P11	1EC3FE8D	000CF602	4864430B	0	000009FD	A628C3D7	01EF9A8C	00000001	3F000000
P11	89D964CA	01F9C11D	90C88616	0	000013FA	59D73C28	00106573	00000000	3F000000
P11	C76141E5	0012C021	21910C2D	0	000027FE	A628C3D7	01EF9A8C	00000001	3F000000
P11	0B140B7A	0004CF5C	4322185B	0	00004FEA	A628C3D7	01EF9A8C	00000001	3F000000
P11	02799EA4	01E8D3D3	864430B6	0	00009FD4	59D73C28	00106573	00000000	3F000000
P11	88A1B599	01F2728C	0C88616C	0	00013FA9	59D73C28	00106573	00000000	3F000000
P11	24F1E382	0005B000	1910C2D9	0	00027F52	A628C3D7	01EF9A8C	00000001	3F000000
P11	96354E94	01EA9519	322185B2	0	0004FEA4	59D73C28	00106573	00000000	3F000000
P11	E0191588	01F5F519	64430B64	0	0009FD48	59D73C28	00106573	00000000	3F000000
P11	73E0A3C0	000CB51A	C88616C9	0	0013FA90	A628C3D7	01EF9A8C	00000001	3F000000
P11	3412CF31	01FA9F4E	910C2D92	0	0027F521	59D73C28	00106573	00000000	3F000000
P12	22185B25	004FEA43	910C2D92	0	0027F521	00000000	00000000	FFFFFFFF	3FFFFFFF

00210

SIGMA LOGIC SIMULATION, FDL CASE 0024									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P13	7FB015BC	01B015BC	910C2D92	0	0027F521	00000000	00000000	FFFFFFFF	3FFFFFFF
P15	80F015BC	01B015BC	910C2D92	0	0027F521	00000000	00000000	00000000	00000000

00211

SIGMA LOGIC SIMULATION, FDL, CASE 0025									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	42486CEA	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	42486CEA	00000000	42486CEA	0	00000000	00000000	00000000	FF000000	00000000
P02	42000000	00486CEA	42486CEA	0	00000000	0D2A3C71	012A3C71	01000000	00000000
P03	2C76B150	00486CEA	42486CEA	0	00486CEA	00000000	00000000	00000000	10000000
P04	2C76E150	00486CEA	00000000	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P09	58FD62A0	0090D9D4	00000000	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	AAD4A8D8	01762C8C	00000000	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	5CAF6E18	0097E035	00000001	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	B258BFC8	01A4394E	00000002	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	6BB79BF8	00B3F9E9	00000005	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	D0691B88	018C6C56	0000000A	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	A7D85378	01245FC9	00000015	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	48AA8A88	00D03877	0000002B	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	8A4EF8A8	018FE9D2	00000056	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	1BA40D88	00C95AC1	000000AD	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	3041FF08	01E72E66	0000015A	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	678A1A78	0179E3E8	000002B5	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	28CF1888	014840B4	0000056B	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	891614A8	00E4FA4D	00000AD7	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	0B260CE8	001E607F	000015AF	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	0F45FD6A	009159E2	00002B5E	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	25921738	00CF2FE0	000056BC	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	522A4AD8	0147E4DC	0000AD78	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	A35AB213	003B5D04	00015AF1	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	4FAF47C8	00CR1A8D	0002B5E2	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	A664ABF8	01418C36	00056BC4	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	53CF7458	002FFFA9	000AD789	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	A098CC48	00B277F6	0015AF12	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	4837B4F8	011077C9	002B5E24	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	9775R658	01CC752E	0056BC48	0	00000000	03830E33	00D5C38E	00000001	10000000

00212

SIGMA LOGIC SIMULATION, FDL, CASE 0025									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	35F12918	01447179	00AD7891	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	640C38C8	00D058D6	015AF123	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	22R24F28	002F3080	02B5E247	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	7F5C81E8	0072DAD5	056BC48E	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	03C32C38	00913827	0AD7891C	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	0E8C5C08	00C0F06A	15AF1238	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	241E0618	014781F0	2B5E2470	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	4F43C898	003A8AFC	56BC48E1	0	00000000	FC7CF1CC	012A3C71	00000000	10000000
P11	97817408	00C98F0C	AD7891C2	0	00000000	03830E33	00D5C38E	00000001	10000000
P11	36C90BF8	013FA4D5	5AF12384	0	00000001	03830E33	00D5C38E	00000001	10000000
P11	7318285A	00PR0006	85F24709	0	00000002	FC7CF1CC	012A3C71	00000000	10000000
P11	DF2A3440	00A61A70	6BC48E12	0	00000005	03830E33	00D5C38E	00000001	10000000
P11	C5B8E502	00F788FD	D7891C24	0	0000000A	03830E33	00D5C38E	00000001	10000000
P11	918B2660	019AFF17	AF123848	0	00000015	03830E33	00D5C38E	00000001	10000000
P11	2A7C6942	00E1F54B	5E247091	0	00000028	FC7CF1CC	012A3C71	00000000	10000000
P11	40F28610	0017837A	BC48E123	0	00000056	FC7CF1CC	012A3C71	00000000	10000000
P11	94DF4F05	00837F08	7891C246	0	000000AD	03830E33	00D5C38E	00000001	10000000
P11	30C48C12	00R286CD	F123848C	0	0000015A	03830E33	00D5C38E	00000001	10000000
P11	688F9480	01109486	E2470918	0	000002B5	03830E33	00D5C38E	00000001	10000000
P11	08254583	01008088	048F1230	0	0000056B	03830E33	00D5C38E	00000001	10000000
P11	B75CA76F	0144ER2D	891C2461	0	00000AD7	FC7CF1CC	012A3C71	00000000	10000000
P11	679B3277	00DE433F	123848C3	0	00015AF1	FC7CF1CC	012A3C71	00000000	10000000
P11	C8304886	00110362	24709187	0	0002B5E	FC7CF1CC	012A3C71	00000000	10000000
P11	895A74A4	00768FA9	481230E	0	00056BC	03830E33	00D5C38E	00000001	10000000
P11	198B0580	00PRA66F	91C2461C	0	000AD78	03830E33	00D5C38E	00000001	10000000
P11	3A7C2709	00D03FA	23848C38	0	00015AF1	03830E33	00D5C38E	00000001	10000000
P11	78FE88FA	016E2F10	47091870	0	0002B5E2	03830E33	00D5C38E	00000001	10000000
P11	FF02F45C	0075E53C	8E1230E1	0	0056BC4	FC7CF1CC	012A3C71	00000000	10000000
P11	F6FFCC51	0140435D	1C2461C2	0	00AD789	03830E33	00D5C38E	00000001	10000000
P11	F505850A	00C00D07	3848C385	0	0015AF12	FC7CF1CC	012A3C71	00000000	10000000
P11	53540CAC	00AC9493	7091870A	0	002B5E24	03830E33	00D5C38E	00000001	10000000
P12	E1330E14	0056BC48	7091870A	0	002B5E24	00000000	00000000	FFFFFFF	10FFFFFFF
P13	50A94367	01A94367	7091870A	0	002B5E24	00000000	00000000	FF00000	10000000

00213

SIGMA LOGIC SIMULATION, FDL, CASE 0025									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	AFA943B7	01A943B7	7091870A	0	002B5E24	00000000	00000000	00000000	00000000

00214

SIGMA LOGIC SIMULATION, FDL, CASE 0026									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	475E3AF9	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	475E3AF9	00000000	475E3AF9	0	00000000	00000000	00000000	FF000000	00000000
P02	47000000	005E3AF9	475E3AF9	0	00000000	01F375DB	01F375DB	01000000	00000000
P03	FEDCBA98	005E3AF9	475E3AF9	0	005E3AF9	00000000	00000000	00000000	19000000
P04	FEDCBA98	005E3AF9	FEDCBA98	0	005E3AF9	ECA86424	01F375DB	00000000	19000000
P06	CA864240	01375DBE	FEDCBA98	0	005E3AF9	ECA86424	01F375DB	00000000	1A000000
P07	CA864240	01375DBE	FEDCBA98	0	005E3AF9	ECA86424	01F375DB	00000000	1A000000
P08	FEDCBA98	005E3AF9	00000000	0	00000000	CA864240	01375DBE	00000000	1A000000
P09	F0B97530	000C75F3	00000000	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	907F6EE0	01E7A765	00000000	0	00000000	3579B0BF	00C8A241	00000000	1A000000
P11	88F25940	01609340	00000001	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	ACF13700	012FF218	00000003	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	EEEEF280	00CF7FAF	00000007	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	72EA6980	000BBADB	0000000F	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	7AF15780	008A3134	0000001F	0	00000000	3579B0BF	00C8A241	00000000	1A000000
P11	60862A80	009DA6EB	00000030	0	00000000	3579B0BF	00C8A241	00000000	1A000000
P11	2C8F0C80	00C92598	00000078	0	00000000	3579B0BF	00C8A241	00000000	1A000000
P11	C3831C80	012A6934	000000FC	0	00000000	3579B0BF	00C8A241	00000000	1A000000
P11	F2898480	01F61AEB	00000100	0	00000000	3579B0BF	00C8A241	00000000	1A000000
P11	4FA6E430	0150725A	00000301	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	345A4080	0129A032	00000783	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	F0C11F80	00C1F9E1	00000F07	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	908EC380	01F2B341	00001E0E	0	00000000	3579B0BF	00C8A241	00000000	1A000000
P11	8C110280	0176A805	00003C10	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	AD2E8980	015C1188	0000783B	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	EF499780	012AD78E	00000F77	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	730FB380	000C789B	0001E0EF	0	00000000	CA864240	01375DBE	00000000	1A000000

00215

SIGMA LOGIC SIMULATION, FDL, CASE 0026									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	7CCBE880	01E7ACB4	0003C1DE	0	00000000	3579BDBF	00C8A241	00000001	1A000000
P11	648B5280	01609DEB	000783BD	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	5E232980	012FF754	000F077B	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	5152D780	00CEAA26	001E0EF7	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	37B23380	000C0FCA	003C1DEF	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	0470EB80	0086DB12	00783BDE	0	00000000	3579BDBF	00C8A241	00000001	1A000000
P11	73D55280	009FFAA6	00F077BC	0	00000000	3579BDBF	00C8A241	00000001	1A000000
P11	529E2080	00CF39CF	01E0EF78	0	00000000	3579BDBF	00C8A241	00000001	1A000000
P11	102FBC80	012FBR21	03C1DEF0	0	00000000	3579BDBF	00C8A241	00000001	1A000000
P11	8B52F480	01F0R4C4	0783BDE0	0	00000000	3579BDBF	00C8A241	00000001	1A000000
P11	81996480	0172AEOB	0F077BC1	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	983F4D80	01541794	1E0FF783	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	C58B1F80	0116AA66	3C1DEF07	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	2022C380	009C90CB	783BDE0F	0	00000000	CA864240	01375DBE	00000000	1A000000
P11	D5520B80	01A7DD13	FC77BC1E	0	00000000	3579BDBF	00C8A241	00000001	1A000000
P11	15979281	00E0FFAA	ED0F783D	0	00000001	CA864240	01375DBE	00000000	1A000000
P11	C03BA983	0030B8D1	C1DEF07B	0	00000003	CA864240	01375DBE	00000000	1A000000
P11	1583D787	00D02D21	83BDE0F6	0	00000007	3579BDBF	00C8A241	00000001	1A000000
P11	95FB2A8F	01319FC4	077BC1EC	0	0000000F	3579BDBF	00C8A241	00000001	1A000000
P11	96F9D09E	01F4820B	0EF783D8	0	0000001E	3579BDBF	00C8A241	00000001	1A000000
P11	98C71CB0	017A4899	1DFF07B1	0	0000003C	CA864240	01375DBE	00000000	1A000000
P11	C69AB0F8	01634CB0	3B0E0F63	0	00000078	CA864240	01375DBE	00000000	1A000000
P11	22420070	013554DF	77BC1EC7	0	000000F0	CA864240	01375DBE	00000000	1A000000
P11	D9908560	00D9653B	EF783D8F	0	000001E0	CA864240	01375DBE	00000000	1A000000
P11	482D8F41	002185F5	DEF0761F	0	000003C1	CA864240	01375DBE	00000000	1A000000
P11	2567A303	00B1C768	B0E0F63E	0	00000783	3579BDBF	00C8A241	00000001	1A000000
P11	B5C2C187	00F4D352	78C1EC7C	0	00000F07	3579BDBF	00C8A241	00000001	1A000000
P11	D678FF8E	017AE827	F783D8F8	0	00001E0E	3579BDBF	00C8A241	00000001	1A000000
P11	17F5789D	00871AD2	FF07B1F1	0	00003C1D	CA864240	01375DBE	00000000	1A000000
P11	C4D7758B	017CF121	DE0F63E2	0	0000783B	3579BDBF	00C8A241	00000001	1A000000
P11	F4A266F7	008R26C5	BC1EC7C5	0	0000FA77	CA864240	01375DBE	00000000	1A000000
P11	7E51526F	01850909	783D8F8A	0	0001E0EF	3579BDBF	00C8A241	00000001	1A000000
P11	6796205E	009R5695	F07B1F15	0	0003C1DE	CA864240	01375DBE	00000000	1A000000
P11	6438C53D	014568A8	EDF63E2A	0	000783BD	3579BDBF	00C8A241	00000001	1A000000
P11	336505FB	00DC1503	C1EC7C55	0	000F077B	CA864240	01375DBE	00000000	1A000000

00216

SIGMA LOGIC SIMULATION, FDL, CASE 0026									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	FB069C77	0026E723	83D8F8AB	0	001E0FF7	CA864240	01375DBE	00000000	1A000000
P11	8C89A56F	00C6R9C5	07B1F156	0	003C1DEF	3579BDBF	00C8A241	00000001	1A000000
P12	0F63E2AC	00783BDE	0751F156	0	003C1DEF	00000000	00000000	FFFFFFFF	1AFFFFFF
P13	5A87C421	0187C421	07B1F156	0	003C1DEF	00000000	00000000	FFFFFFFF	1A000000
P15	A587C421	0187C421	07B1F156	0	003C1DEF	00000000	00000000	00000000	00000000

00217

SIGMA LOGIC SIMULATION, FDL, CASE 0027									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	741EB852	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PO1	741EB852	00000000	741EB852	0	00000000	00000000	00000000	FF000000	00000000
PO2	74000000	001EB852	741EB852	0	00000000	A48C159A	018C159A	01000000	00000000
PO3	DB7531FD	001EB852	741EB852	0	001EB852	00000000	00000000	00000000	19000000
PO4	DB7531FD	001EB852	00000000	0	00000000	0369CF25	018C159A	00000001	19000000
PO9	B6FA63FA	003D70A5	00000000	0	00000000	0369CF25	018C159A	00000001	19000000
P11	74A86640	01930C7F	00000000	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	E27D2E34	000DEDCA	00000001	0	00000000	0369CF25	018C159A	00000001	19000000
P11	CBCDFAB4	013406C9	00000002	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	90C8571C	014FE25F	00000004	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	1ABD0FEC	0187998B	00000008	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	2EA6818C	01F707E2	00000010	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	567964CC	00D5E490	00000021	0	00000000	0369CF25	018C159A	00000001	19000000
P11	B3C667E4	00C3F454	00000043	0	00000000	0369CF25	018C159A	00000001	19000000
P11	6E606E14	00A013DD	00000087	0	00000000	0369CF25	018C159A	00000001	19000000
P11	E3947A74	005852EE	0000010F	0	00000000	0369CF25	018C159A	00000001	19000000
P11	C0FC9334	01C8D111	0000021E	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	9525881C	007976EF	0000043D	0	00000000	0369CF25	018C159A	00000001	19000000
P11	311EAE84	000B1913	0000087B	0	00000000	0369CF25	018C159A	00000001	19000000
P11	6910FB54	012E5D5A	000010F6	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	CB4E585C	01448F80	000021EC	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	8FC9126C	0170F3CD	000043D8	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	188E869C	01C9BC67	000087B0	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	2AA96ECC	007B4D9A	00010F61	0	00000000	0369CF25	018C159A	00000001	19000000
P11	5C2678E4	000FC668	00021EC3	0	00000000	0369CF25	018C159A	00000001	19000000
P11	BF209614	01358804	00043D86	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	776DBDDC	015344D5	00087B0C	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	E8077D6C	018E5E76	0010F618	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	C93B5C8C	000491B9	0021EC31	0	00000000	0369CF25	018C159A	00000001	19000000
P11	994A5764	01214FA7	0043D862	0	00000000	FC9630DA	0073EA65	00000000	19000000

00218

SIGMA LOGIC SIMULATION, FDL, CASE 0027									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	28C1107C	01247218	0087B0C4	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	50AER2AC	013CB902	010F6188	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	9A89670C	016146D0	021EC310	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	2E3F2FCC	01AA626D	043D8620	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	55AAC14C	003C99A6	087B0C41	0	00000000	0369CF25	018C159A	00000001	19000000
P11	B22920E4	01915E80	10F61882	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	507EA37C	002A91CD	21FC3105	0	00000000	0369CF25	018C159A	00000001	19000000
P11	C100E544	01204FCE	43D8620A	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	7CC2C23C	01427269	87B0C414	0	00000000	FC9630DA	0073EA65	00000000	19000000
P11	F2C8BA2D	016CB99E	0F618828	0	00000001	FC9630DA	0073EA65	00000000	19000000
P11	ED8DD60E	01C14809	1FC31050	0	00000002	FC9630DA	0073EA65	00000000	19000000
P11	B6A80DD0	006A640F	3D8620A1	0	00000004	0369CF25	018C159A	00000001	19000000
P11	7423B9FC	01EFC4F3	7B0C4142	0	00000008	FC9630DA	0073EA65	00000000	19000000
P11	E173D58C	00C1BE82	F6188285	0	00000010	0369CF25	018C159A	00000001	19000000
P11	C9B84965	009BA899	EC31050E	0	00000021	0369CF25	018C159A	00000001	19000000
P11	9A4A3117	004F7067	D8620A17	0	00000043	0369CF25	018C159A	00000001	19000000
P11	3868007B	01872403	B0C4142E	0	00000087	FC9630DA	0073EA65	00000000	19000000
P11	6FFC62A8	005610D2	61882850	0	0000010F	0369CF25	018C159A	00000001	19000000
P11	E6CC63A2	01C46408	C31050BA	0	0000021E	FC9630DA	0073EA65	00000000	19000000
P11	C6C528F9	00709F7D	8620A175	0	0000043D	0369CF25	018C159A	00000001	19000000
P11	945DF03F	01F9682F	0C4142EA	0	0000087B	FC9630DA	0073EA65	00000000	19000000
P11	21F84232	00DAA52B	18828505	0	000010F6	0369CF25	018C159A	00000001	19000000
P11	4AA422B0	00C0758A	310508AB	0	000021EC	0369CF25	018C159A	00000000	19000000
P11	9C1BE3AC	00B31648	620A1757	0	000043D8	0369CF25	018C159A	00000001	19000000
P11	3FCB65A4	007E57C5	C4142EAF	0	000087B0	0369CF25	018C159A	00000001	19000000
P11	84FA6995	0014DARE	8828505F	0	00010F61	0369CF25	018C159A	00000001	19000000
P11	10A87177	0141E0B1	1050B8BE	0	00021EC3	FC9630DA	0073EA65	00000000	19000000
P11	1A7D44A2	016B962E	20A1757C	0	00043D86	FC9630DA	0073EA65	00000000	19000000
P11	2E26EAF8	01BF0128	4142EAF8	0	00087B0C	FC9630DA	0073EA65	00000000	19000000
P11	557A37A4	0065D71C	828505F1	0	0010F618	0369CF25	018C159A	00000001	19000000
P11	B1C80095	01E3D96C	05CBABE2	0	0021EC31	FC9630DA	0073EA65	00000000	19000000
P12	0A1757C5	0043D862	05CBABE2	0	0021EC31	00000000	00000000	FFFFFFFF	FFFFFFFF
P13	5943D862	0043D862	05CBABE2	0	0021EC31	00000000	00000000	00000000	19000000

00219

SIGMA LOGIC SIMULATION, FDL, CASE 0027									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	5943D862	0043D862	05CBABE2	0	0021EC31	00000000	00000000	00000000	00000000

00220

SIGMA LOGIC SIMULATION, FDL, CASE 0028									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	D897531F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	D897531F	00000000	D897531F	0	00000000	00000000	00000000	FFFFFFFF	00000000
P02	24000000	0197531F	2497531F	0	00000000	ECA8642F	01A8642F	01000000	00000000
P03	50961072	0197531F	2497531F	0	0197531E	00000000	00000000	FFFFFFFF	11FFFFFF
P04	AF49E38E	0068ACE1	00000000	0	00000000	D83EA62E	01A8642F	00000000	11000000
P09	5E93C71C	00015903	00000000	0	00000000	D83EA62E	01A8642F	00000000	11000000
P10	35E93C71	0000159C	00000000	0	00000000	D83EA62E	01A8642F	00000000	12000000
P11	1C4FC53F	016AF398	80000000	0	00000001	27C15901	00579BD0	00000000	12000000
P11	88223F23	018E1F00	00000000	0	00000003	27C15901	00579BD0	00000000	12000000
P11	5FC72F5A	01897541	00000000	0	00000006	27C15901	00579BD0	00000000	12000000
P11	0F111373	00222223	00000001	0	00000008	D83EA62F	01A8642F	00000000	12000000
P11	CE9F734C	019500A5	00000002	0	00000018	27C15901	00579BD0	00000000	12000000
P11	ECC19A3C	010950EB	00000004	0	00000030	27C15901	00579BD0	00000000	12000000
P11	2905E21C	00610978	00000009	0	00000060	D83EA62E	01A8642F	00000000	12000000
P11	02891C94	00147350	00000013	0	000000C0	D83EA62E	01A8642F	00000000	12000000
P11	B58F8584	01798FFF	00000026	0	000000180	27C15901	00579BD0	00000000	12000000
P11	BAA1FEAC	01A2859F	0000004C	0	00000300	27C15901	00579BD0	00000000	12000000
P11	C40630FC	01F4A2DF	00000098	0	00000600	27C15901	00579BD0	00000000	12000000
P11	D90F159C	0098725F	00000131	0	00000C00	D83EA62E	01A8642F	00000000	12000000
P11	629B7794	0081C31F	00000263	0	00001800	D83EA62E	01A8642F	00000000	12000000
P11	75843B84	00544F9E	000004C7	0	00003000	D83EA62E	01A8642F	00000000	12000000
P11	9B55C364	01F9659C	0000098E	0	00006000	27C15901	00579BD0	00000000	12000000
P11	874E3A6C	00A20209	0000131F	0	0000CC00	D83EA62E	01A8642F	00000000	12000000
P11	BF19C134	0094CF12	00002639	0	00018000	D83EA62F	01A8642F	00000000	12000000
P11	25B0CE04	007A6485	00004077	0	00030000	D83EA62F	01A8642F	00000000	12000000
P11	0DDDE8F4	0045916A	000098EF	0	00060000	D83EA62F	01A8642F	00000000	12000000
P11	CC382024	0108ER33	0001310E	0	000C0000	27C15901	00579BD0	00000000	12000000
P11	E7F8F3EC	00670C07	0002638D	0	00180000	D83EA62E	01A8642F	00000000	12000000
P11	806F3434	001FE46F	0004C77E	0	00300000	D83EA62E	01A8642F	00000000	12000000

00221

SIGMA LOGIC SIMULATION, FDL, CASE 0028									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	B15BB4C4	018E913E	00C98EF6	0	00000000	27C159D1	005798D0	00000001	12000000
P11	B23A1D2C	01CC5A1D	00131DEC	0	00C00000	27C159D1	005798D0	00000001	12000000
P11	B3F6EDFC	0047EBDB	00263BD9	0	01800000	D83EA62E	01A8642F	00000000	12000000
P11	186B2854	01E0A017	004C77B2	0	01000000	27C159D1	005798D0	00000001	12000000
P11	8059044C	007077CE	0098EF65	0	00000000	D83EA62E	01A8642F	00000000	12000000
P11	B12F54F4	0031B7FC	0131DECB	0	00000000	D83EA62E	01A8642F	00000000	12000000
P11	12DBF644	01B43859	0263BD96	0	00000000	27C159D1	005798D0	00000001	12000000
P11	753AAC2C	0017A852	04C77B2D	0	00000000	D83EA62E	01A8642F	00000000	12000000
P11	9AF28CB4	01801904	098EF65A	0	00000000	27C159D1	005798D0	00000001	12000000
P11	8567CD0C	01AF69A9	131DECB4	0	00000000	27C159D1	005798D0	00000001	12000000
P11	5A524DBC	000E0AF3	263BD969	0	00000000	D83EA62E	01A8642F	00000000	12000000
P11	6521E7D4	016CDE46	4C77B2D2	0	00000000	27C159D1	005798D0	00000001	12000000
P11	19C6834C	0188F42D	98EF65A4	0	00000000	27C159D1	005798D0	00000001	12000000
P11	830F8A3D	01C11FFA	31DECB48	0	00000001	27C159D1	005798D0	00000001	12000000
P11	55A2281E	00317795	63BD9691	0	00000002	D83EA62E	01A8642F	00000000	12000000
P11	5BC19C98	01B3B78A	C77B2D22	0	00000004	27C159D1	005798D0	00000001	12000000
P11	0705ECD5	0016A6B5	8EF65A45	0	00000009	D83EA62E	01A8642F	00000000	12000000
P11	BE892607	017E15C9	1DECBA8A	0	00000013	27C159D1	005798D0	00000001	12000000
P11	CC94FFB2	01AB6333	3BD96914	0	00000026	27C159D1	005798D0	00000001	12000000
P11	E8ACB308	0005FE07	77B2D229	0	0000004C	D83EA62E	01A8642F	00000000	12000000
P11	81D6826C	015CC46F	EF65A452	0	00000098	27C159D1	005798D0	00000001	12000000
P11	5330187D	0168C07F	DECB48A4	0	00000131	27C159D1	005798D0	00000001	12000000
P11	F5E2E49F	0180B89E	BD969148	0	00000263	27C159D1	005798D0	00000001	12000000
P11	3B487CE3	01B0A8DE	7B2D2290	0	000004C7	27C159D1	005798D0	00000001	12000000
P11	C613AD6A	0010895C	F65A4521	0	0000098E	D83EA62E	01A8642F	00000000	12000000
P11	3CA4A731	0171DB19	ECB48A42	0	0000131D	27C159D1	005798D0	00000001	12000000
P11	C8CC0207	0192E0D2	D9691484	0	0000263B	27C159D1	005798D0	00000001	12000000
P11	E11AB7B3	01D51345	B2D22908	0	00004C77	27C159D1	005798D0	00000001	12000000
P11	1188230B	00595E2C	65A45211	0	000098FF	D83EA62E	01A8642F	00000000	12000000
P11	D3ED9272	00C38487	C848A423	0	000131DE	D83EA62E	01A8642F	00000000	12000000
P11	58587141	0157D1CF	96914846	0	000263BD	27C159D1	005798D0	00000001	12000000
P11	00339627	015EDB3F	2D22908C	0	0004C77B	27C159D1	005798D0	00000001	12000000
P11	4FE9DFF2	016CEE1E	5A452118	0	00098EF6	27C159D1	005798D0	00000001	12000000
P12	B48A4230	00131DEC	5A452118	0	00098EF6	00000000	00000000	FFFFFFFF	12FFFFFF

00222

SIGMA LOGIC SIMULATION, FDL, CASE 0028									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	52131DEC	00131DEC	5A452118	0	00098EF6	00000000	00000000	00000000	12000000
P15	52131DEC	00131DEC	5A452118	0	00098EF6	00000000	00000000	00000000	00000000

00223

SIGMA LOGIC SIMULATION, FDL, CASE 0029									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	B73FB841	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	B73FB841	00000000	B73FB841	0	00000000	00000000	00000000	FF000000	00000000
P02	48000000	013FB841	483FB841	0	00000000	9C4FA62E	014FA62E	01000000	00000000
P03	F93EA754	013FB841	483FB841	0	013FB841	00000000	00000000	FFFFFFF	E5FFFFFF
P04	06C158AC	00C047BE	00000000	0	00000000	94E9520F	014FA62E	00000000	E5000000
P09	0D82B158	01808F7C	00000000	0	00000000	94E9520F	014FA62E	00000000	E5000000
P10	C0D82B15	001808F7	83000000	0	00000000	94E9520F	014FA62E	00000000	E6000000
P11	AB82FA49	00CF5F4C	00000000	0	00000001	6B16ADF0	00B059D1	00000001	E6000000
P11	2D335074	00FF703C	00000000	0	00000002	6B16ADF0	00B059D1	00000001	E6000000
P11	3093FCCA	015F941B	00000000	0	00000004	6B16ADF0	00B059D1	00000001	E6000000
P11	37555576	001FD009	00000001	0	00000008	94E9520F	014FA62E	00000000	E6000000
P11	987D4F0A	00DF040F	00000002	0	00000010	6B16ADF0	00B059D1	00000001	E6000000
P11	0727F9F6	011EB9C2	00000004	0	00000020	6B16ADF0	00B059D1	00000001	E6000000
P11	E47D4FCE	019E2B26	00000008	0	00000040	6B16ADF0	00B059D1	00000001	F6000000
P11	9F27FB7E	009D09F0	00000011	0	00000080	94E9520F	014FA62E	00000000	E6000000
P11	68229B1A	01D9603E	00000022	0	00001000	6B16ADF0	00B059D1	00000001	E6000000
P11	A6729216	0113741F	00000045	0	00002000	94E9520F	014FA62E	00000000	E6000000
P11	76B7C84A	00C6349C	0000008B	0	00004000	94E9520F	014FA62E	00000000	E6000000
P11	17423432	002B8596	00000117	0	00008000	94E9520F	014FA62E	00000000	E6000000
P11	58570082	00F6B789	0000022E	0	00010000	6B16ADF0	00B059D1	00000001	E6000000
P11	860B76E6	014E22B5	0000045C	0	00020000	6B16ADF0	00B059D1	00000001	E6000000
P11	E3E449AF	01FCF90D	000008B8	0	00040000	6B16ADF0	00B059D1	00000001	F6000000
P11	9DF5E33E	015AA5FE	00001171	0	00080000	94E9520F	014FA62E	00000000	E6000000
P11	65BFE829A	015497DA	000022E3	0	00100000	94E9520F	014FA62E	00000000	E6000000
P11	F54FA952	01487C11	000045C7	0	00200000	94E9520F	014FA62E	00000000	E6000000
P11	1471F6C2	01304481	00008B8F	0	00400000	94E9520F	014FA62E	00000000	E6000000
P11	52B691A2	00FFD55F	0001171F	0	00800000	94E9520F	014FA62E	00000000	E6000000
P11	CF3FC762	009EF713	00022E3F	0	00100000	94E9520F	014FA62E	00000000	E6000000
P11	C85232E2	01DD3A94	00045C7E	0	00200000	6B16ADF0	00B059D1	00000001	E6000000

00224

SIGMA LOGIC SIMULATION, FDL, CASE 0029									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	6601C1A4	011428CC	0008B9F0	0	00400000	94E9520F	014FA62E	00000000	E6000000
P11	F7762754	000590F5	001171FB	0	00800000	94E9520F	014FA62E	00000000	E6000000
P11	188EF2F2	004A8849	0022E3F7	0	01000000	94E9520F	014FA62E	00000000	E6000000
P11	5B508A72	013450CF	0045C7FE	0	00000000	6B16ADF0	00B059D1	00000001	F6000000
P11	80CE6FF6	0109A081	008B8F0C	0	00000000	6B16ADF0	00B059D1	00000001	F6000000
P11	EFC438AF	00F38FA5	01171FB9	0	00000000	94E9520F	014FA62E	00000000	E6000000
P11	09471B7A	008669A9	0022F3F73	0	00000000	94E9520F	014FA62E	00000000	F6000000
P11	3CA0D012	01AC1FAF	045C7EE6	0	00000000	6B16ADF0	00B059D1	00000001	E6000000
P11	4F6F1206	0088F301	04E8F100	0	00000000	94E9520F	014FA62E	00000000	E6000000
P11	C840C82A	001132BF	1171FB93	0	00000000	94E9520F	014FA62E	00000000	E6000000
P11	BB343472	0001E11C	22E3F736	0	00000000	6B16ADF0	00B059D1	00000001	E6000000
P11	4095C4C6	00E4150C	45C7EE6C	0	00000000	6B16ADF0	00B059D1	00000001	E6000000
P11	6F5FE86F	0128DF5B	888FDC08	0	00000000	6B16ADF0	00B059D1	00000001	E6000000
P11	B40F268F	01B27259	171FB980	0	00000001	6B16ADF0	00B059D1	00000001	E6000000
P11	3FE8A940	00059856	2E3F7361	0	00000002	94E9520F	014FA62E	00000000	E6000000
P11	A9A9F60E	002A7009	5C7EE603	0	00000004	94E9520F	014FA62E	00000000	E6000000
P11	7D26910A	00FA4670	88FDC08C	0	00000008	6B16ADF0	00B059D1	00000001	E6000000
P11	D07A7E07	01494083	71FB980C	0	00000011	6B16ADF0	00B059D1	00000001	F6000000
P11	77225B10	01F3344A	E3F73618	0	00000022	6B16ADF0	00B059D1	00000001	E6000000
P11	C4721203	014710F7	07FE6C31	0	00000045	94E9520F	014FA62E	00000000	E6000000
P11	B286C825	0120864C	8FDC0863	0	0000008B	94E9520F	014FA62E	00000000	E6000000
P11	8F403469	00FA5846	1E9E00C7	0	00000117	94E9520F	014FA62E	00000000	E6000000
P11	48530CF0	0093FF4A	3F73618F	0	0000022E	94E9520F	014FA62E	00000000	E6000000
P11	3A78B0FF	010743F1	7EE6C31E	0	0000045C	6B16ADF0	00B059D1	00000001	E6000000
P11	4B1ED70E	00FE4586	FDC08630	0	000008B8	94E9520F	014FA62E	00000000	E6000000
P11	C0105834	0070D769	F090C07E	0	00001171	94E9520F	014FA62E	00000000	E6000000
P11	A9F34305	019AF930	F73618F6	0	000022E3	6B16ADF0	00B059D1	00000001	E6000000
P11	2A13FB30	0096AA04	EE6C31E0	0	000045C7	94E9520F	014FA62E	00000000	E6000000
P11	7DF48B39	010CA065	D0863DA	0	00008B8F	6B16ADF0	00B059D1	00000001	E6000000
P11	D2227205	00F9F46D	B2FC078F	0	001171F1	94E9520F	014FA62E	00000000	E6000000
P11	CE1788C9	00933538	73618F66	0	0022E3F7	94E9520F	014FA62E	00000000	E6000000
P11	C601B500	010B840E	E6C31E06	0	0045C7E6	6B16ADF0	00B059D1	00000001	E6000000
P11	6230C743	00FC214C	C08630AC	0	008B8F0D	94E9520F	014FA62E	00000000	E6000000
P12	9300735B	001171FB	C08630AC	0	008B8F0D	00000000	00000000	FFFFFFF	F6FFFFFF

00225

TIME	SIGMA LOGIC SIMULATION, FDL CASE 0025								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	261171FB	001171FB	CD863DAD	0	0008B8FD	00000000	00000000	00000000	E6000000
P15	261171FB	001171FB	CD863DAD	0	0008B8FD	00000000	00000000	00000000	00000000

00226

TIME	SIGMA LOGIC SIMULATION, FDL CASE 0030								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	FDB5EC82	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	FDB5EC82	00000000	FDB5EC82	0	00000000	00000000	00000000	FF000000	00000000
P02	02000000	01B5EC82	02B5EC82	0	00000000	F06AE145	016AE145	01000000	00000000
P03	F7E6E3A5	01B5EC82	02B5EC82	0	01B5EC82	00000000	00000000	FFFFFFFF	F3FFFFFF
P04	08191C5B	004A137D	00000000	0	00000000	24061357	016AE145	00000001	F3000000
P09	10323846	009426FA	00000000	0	00000000	24061357	016AE145	00000001	F3000000
P11	68709810	01FF107E	00000000	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	88050988	01265F72	00000001	0	00000000	24061357	016AE145	00000001	F3000000
P11	59863900	01227F6F	00000003	0	00000000	24061357	016AE145	00000001	F3000000
P11	FB789A30	011AC168	00000007	0	00000000	24061357	016AE145	00000001	F3000000
P11	3EF05810	010B455C	0000000F	0	00000000	24061357	016AE145	00000001	F3000000
P11	C6160000	00FE4042	0000001F	0	00000000	24061357	016AE145	00000001	F3000000
P11	0419E050	00AF500F	0000003F	0	00000000	24061357	016AE145	00000001	F3000000
P11	F03FE750	00327CA9	0000007F	0	00000000	24061357	016AE145	00000001	F3000000
P11	288B1530	013AB8DE	000000FF	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	092BC3F0	019FB532	000001FC	0	00000000	DBF9ECA8	00951EBA	00000001	F3000000
P11	CA086130	0069A7D9	000003F9	0	00000000	24061357	016AE145	00000001	F3000000
P11	0C22E910	01A9123D	000007F2	0	00000000	DBF9ECA8	00951EBA	00000001	F3000000
P11	7039AB70	007C61F1	00000FE5	0	00000000	24061357	016AE145	00000001	F3000000
P11	287F7090	01C8866D	00001FCA	0	00000000	DBF9ECA8	00951EBA	00000001	F3000000
P11	08F20470	00C74A50	00003F95	0	00000000	24061357	016AE145	00000001	F3000000
P11	59F1CF90	0064572A	00007F2B	0	00000000	24061357	016AE145	00000001	F3000000
P11	FBFFC500	019E70DF	0000FE56	0	00000000	DBF9ECA8	00951EBA	00000001	F3000000
P11	AFD364F0	00671F33	0001FCAD	0	00000000	24061357	016AE145	00000001	F3000000
P11	A7B2F090	01A400F1	0003F95A	0	00000000	DBF9ECA8	00951EBA	00000001	F3000000
P11	0759E870	00723F59	0007F2B5	0	00000000	24061357	016AE145	00000001	F3000000
P11	568F9890	018A413C	00CFE56A	0	00000000	DBF9ECA8	00951EBA	00000001	F3000000
P11	65731070	009E8FEE	001FCAD5	0	00000000	24061357	016AE145	00000001	F3000000
P11	12F24790	00134267	003F95AB	0	00000000	24061357	016AE145	00000001	F3000000
P11	6DF0B500	00FC4758	007F2B56	0	00000000	DBF9ECA8	00951EBA	00000001	F3000000

00227

SIGMA LOGIC SIMULATION, FDL, CASE 0030									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P11	93D544F0	0122CC26	00FE56AC	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	DF9E6330	016FD5C2	01FCAD58	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	77309F80	0009E8FB	03F95A81	0	00000000	24061357	016AE145	00000001	F3000000
P11	366D6610	00E99481	07F2B562	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	24CEA570	00FD6678	0FE56AC4	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	01912430	01250A66	1FCAD588	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	BB1621B0	01745241	3F95A810	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	2E201CB0	0012E1F9	7F2B5621	0	00000000	24061357	016AE145	00000001	F3000000
P11	A44C6010	00FR867C	FE56AC42	0	00000000	DBF9ECA8	00951EBA	00000000	F3000000
P11	008C9971	0121446F	FCAD5884	0	00000001	DBF9ECA8	00951EBA	00000000	F3000000
P11	B90D0C33	016CD253	F95A8108	0	00000003	DBF9ECA8	00951EBA	00000000	F3000000
P11	2A0DF187	0003E21D	F2B56211	0	00000007	24061357	016AE145	00000001	F3000000
P11	9C280A1F	00DD86C4	E56AC422	0	0000000F	DBF9ECA8	00951EBA	00000000	F3000000
P11	F043ED3F	00E54AFE	CAD58844	0	0000001F	DBF9ECA8	00951EBA	00000000	F3000000
P11	9878B46F	00F4D373	95A81088	0	0000003F	DBF9ECA8	00951EBA	00000000	F3000000
P11	E8EB422F	0113E45C	2B562110	0	0000007F	DBF9ECA8	00951EBA	00000000	F3000000
P11	89CA5DAF	0152062F	56AC4220	0	000000FF	DBF9ECA8	00951EBA	00000000	F3000000
P11	C88894AC	01CE49D4	A0588440	0	000001FC	DBF9ECA8	00951EBA	00000000	F3000000
P11	4F0502A9	00C6D11F	5A810881	0	000003F9	24061357	016AE145	00000001	F3000000
P11	E6162C02	006364C8	B5621103	0	000007F2	24061357	016AE145	00000001	F3000000
P11	14387E85	019C8C1C	6AC42206	0	00000FE5	DBF9ECA8	00951EBA	00000000	F3000000
P11	E064D68A	006355AD	D588440D	0	00001FCA	24061357	016AE145	00000001	F3000000
P11	08D5D425	019C60E6	AB10881A	0	00003F95	DBF9ECA8	00951EBA	00000000	F3000000
P11	C99F819B	00631941	56211035	0	00007F2B	24061357	016AE145	00000001	F3000000
P11	D84B29E6	019BF50D	AC42206A	0	0000FE56	DBF9ECA8	00951EBA	00000000	F3000000
P11	6E8A2D1D	00622791	588440D5	0	0001FCAD	24061357	016AE145	00000001	F3000000
P11	252080EA	019A11AD	B10881AA	0	0003F95A	DBF9ECA8	00951EBA	00000000	F3000000
P11	0234D825	005F6700	62110355	0	0007F2B5	24061357	016AE145	00000001	F3000000
P11	4C759CFA	0192842A	C42206AA	0	000FE56A	DBF9ECA8	00951EBA	00000000	F3000000
P11	50CF9345	004F45CA	88440D55	0	001FCAD5	24061357	016AE145	00000001	F3000000
P11	E9CB4038	01744F1E	10881AAA	0	003F95AB	DBF9ECA8	00951EBA	00000000	F3000000
P12	21103555	007F2B56	10881AAA	0	003F95AB	00000000	00000000	FFFFFFFF	F3FFFFFF
P13	338CD4A9	0180D4A9	10881AAA	0	003F95AB	00000000	00000000	FFFFFFFF	F3000000

00228

SIGMA LOGIC SIMULATION, FDL, CASE 0030									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P15	CC80D4A9	0180D4A9	10881AAA	0	003F95AB	00000000	00000000	00000000	00000000

00229

SIGMA LOGIC SIMULATION, FDL CASE 0031									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	61B54E82	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	61B54E82	00000000	61B54E82	0	00000000	00000000	00000000	FF000000	00000000
P02	61000000	00B54F82	61B54E82	0	00000000	D73FB31A	013FB31A	01000000	00000000
P03	EA62C8EF	00B54E82	61B54E82	0	00B54E82	00000000	00000000	00000000	39000000
P04	EA62C8EF	00B54F82	00000000	0	00000000	F93DC90A	013FB31A	00000000	39000000
P09	D4C591DE	016A9D05	00000000	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	9C06B5D0	0154A041	00000001	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	2A88FDB4	0128A6B9	00000003	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	478D8D7C	00D0B3A8	00000007	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	8196AD0C	0020C086	0000000F	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	F5A8EC2C	00C10142	0000001E	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	F8D64644	01029C4F	0000003C	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	FF30FA74	0185D269	00000078	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	08E662D4	008C3E9E	000000F1	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	0A48578C	0197E372	000001E2	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	22151D64	00B060AE	000003C5	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	36A5CC0C	01E02792	0000078A	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	7AD007A4	0140E8FE	00000F15	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	E81BA15C	01013812	00001E2B	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	C2B2D4CC	0081D65B	00003C57	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	77E138AC	018312ED	000078AE	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	FD46E544	0086BFA4	0000F15D	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	ED095C9C	018CE57F	0001E2BA	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	E797272A	009A64C9	0003C575	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	C119E05C	01842FC9	00078AEAC	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	90D82EA4	00E8F95D	000F15D5	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	142BEF5C	005158F1	001E2BAB	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	1AD370CC	01221818	003C5756	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	432B4F84	01C4C9FA	0078AEAC	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	93D80CF4	010A2D8E	00F15D59	0	00000000	F93DC90A	013FB31A	00000000	39000000

00230

SIGMA LOGIC SIMULATION, FDL CASE 0031									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	1A31ABFC	0093C1B3	01E2BAB3	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	26DEEA0C	01A6E99C	03C57566	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	58424204	00CF6002	078AFACD	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	A900161C	001C403A	0F15D598	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	4478BF4C	00B7E648	1E2BA336	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	9678EA84	00F06720	3C57566C	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	3A7C42F4	01616808	78AEAC08	0	00000000	06C236F5	00C04CE5	00000001	39000000
P11	827CF3D4	004369E0	F15D5981	0	00000000	F93DC90A	013FB31A	00000000	39000000
P11	F775798C	01C639F6	E2EAB367	0	00000001	06C236F5	00C04CE5	00000001	39000000
P11	FC6F6157	018D00B7	C57566C4	0	00000003	06C236F5	00C04CE5	00000001	39000000
P11	0663308B	009A853A	8AEACD89	0	00000007	F93DC90A	013FB31A	00000000	39000000
P11	FF41F38B	01F4D0A9	15D59812	0	0000000F	06C236F5	00C04CE5	00000001	39000000
P11	0C085502	00EA3B1E	28AB3625	0	0000001E	F93DC90A	013FB31A	00000000	39000000
P11	0A8C3C18	0053DC72	57566C4B	0	0000003C	F93DC90A	013FB31A	00000000	39000000
P11	0794CA44	01271F1A	AEACD896	0	00000078	06C236F5	00C04CE5	00000001	39000000
P11	1CACC275	01C0D7FE	5D59812C	0	000000F1	06C236F5	00C04CE5	00000001	39000000
P11	467072D6	011E49C6	BAE36259	0	000001E2	F93DC90A	013FB31A	00000000	39000000
P11	803677C1	0088F9C2	7566C443	0	000003C5	F93DC90A	013FB31A	00000000	39000000
P11	F2E88196	01F759EA	EACD8966	0	0000078A	06C236F5	00C04CE5	00000001	39000000
P11	F3557119	016F403F	059B12CD	0	00000F15	F93DC90A	013FB31A	00000000	39000000
P11	D9267447	015E00B5	A836259B	0	00001E2B	F93DC90A	013FB31A	00000000	39000000
P11	A4C87AA3	013867A1	566C4B37	0	00003C57	F93DC90A	013FB31A	00000000	39000000
P11	3C0C875A	00F63F79	ACD8966F	0	000078AE	F93DC90A	013FB31A	00000000	39000000
P11	6A94A0C9	0068D128	59B12CDF	0	0000F15D	F93DC90A	013FB31A	00000000	39000000
P11	C7A4D3A6	01570886	B36259BE	0	0001E2BA	06C236F5	00C04CE5	00000001	39000000
P11	9CC1539	002FAA07	66C4B37C	0	0003C575	F93DC90A	013FB31A	00000000	39000000
P11	2C178C46	000C88E5	CD8966FA	0	00078AEAC	06C236F5	00C04CE5	00000001	39000000
P11	6583E6F9	013A1194	9812CDF4	0	000F15D5	06C236F5	00C04CE5	00000001	39000000
P11	D8FC38DF	01F48CF2	36259BE8	0	001F28AB	06C236F5	00C04CE5	00000001	39000000
P11	BF5CE5AA	016A13AF	6C4B37D1	0	003C5756	F93DC90A	013FB31A	00000000	39000000
P11	71355D68	01538095	08966FA3	0	0078AEAC	F93DC90A	013FB31A	00000000	39000000
P12	B12CDF47	00F15D59	D8966FA3	0	0078AEAC	00000000	00000000	FFFFFFFF	39FFFFFF
P13	790EA2A6	01CEA2A6	D8966FA3	0	0078AEAC	00000000	00000000	FFFFFFFF	39000000

00231

SIGMA LOGIC SIMULATION, FDL CASE 0031									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	860EA2A6	010EAPA6	D8966FA3	0	0d78AEAC	00000000	00000000	00000000	00000000

00232

SIGMA LOGIC SIMULATION, FDL CASE 0032									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	3D71CAF4	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	3D71CAF4	00000000	3D71CAF4	0	00000000	00000000	00000000	FF000000	00000000
P02	3D000000	00710AF4	3D710AF4	0	00000000	0951B76F	0151B76F	01000000	00000000
P03	B3B47F87	00710AF4	3D710AF4	0	00710AF4	00000000	00000000	00000000	17000000
P04	B3E47F87	00710AF4	00000000	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P09	6768FE0E	00E215E9	00000000	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	76171AF8	00679A62	00000001	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	9373520C	0172A444	00000002	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	7FA1888C	0041D9A9	00000005	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	A6882F84	0127E232	0000000A	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	A5C83F0C	01AA0555	00000014	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	A4E1628C	00B23028	00000029	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	EFF7E284	0007E736	00000053	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	8714F184	00B3304D	000000AF	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	66F4A68C	00C3C98B	0000014C	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	26942F7C	00E2A897	00000298	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	A5C3421C	0121E24E	00000530	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	A441678C	01AC558D	00000A60	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	A13D810C	0090309B	000014C1	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	E9C08084	010FE816	00002982	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	2C38E44C	0118614E	00005305	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	FF8CE574	00B4317B	0000A608	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	A64FE704	0048D1D7	00014C17	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	F4C2EC54	013R128E	0002982E	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	424C5F8C	0102843E	0005305C	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	003C5AFC	0101F09C	000A6089	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	618D0D84	00A76A19	0014C173	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	6ACCC884	01F24312	002982E6	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	2E3C688C	01411745	005305CC	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	038DE034	0125926A	00A6089B	0	00000000	D3A28E6E	0151B76F	00000000	17000000

00233

SIGMA LOGIC SIMULATION, FDL, CASE 0032									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
P11	AEC0F744	00EEA9B3	014C1737	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	04C70B64	00R0C247	02982E6F	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	80D333A4	01A4F36D	05305CDE	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	BA614A6C	00A677FB	0A60B9BD	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	1C07B1B4	01F05ED7	14C1737A	0	00000000	2C5D7191	00AE4890	00000001	17000000
P11	90CA468C	013D4ECE	2982E6F5	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	C8D9A9F4	011E0C7C	5305CDEB	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	38F870C4	00DF87D9	A60B9BD7	0	00000000	D3A28E6E	0151B76F	00000000	17000000
P11	1935FE65	00627E92	4C1737AF	0	00000001	D3A28E6E	0151B76F	00000000	17000000
P11	D9B119A6	01686C03	982E6F5E	0	00000002	2C5D7191	00AE4890	00000001	17000000
P11	0C1D1671	002D6928	305CDEBD	0	00000005	D3A28E6E	0151B76F	00000000	17000000
P11	BF7F49BE	00FE412F	60B9BD7A	0	0000000A	2C5D7191	00AE4890	00000001	17000000
P11	D7B976A0	0159137F	C1737AF4	0	00000014	2C5D7191	00AE4890	00000001	17000000
P11	082DD065	000E8820	82F6F5E9	0	00000029	D3A28E6E	0151B76F	00000000	17000000
P11	B7A0BDA7	00C0DF1F	05CDEBD2	0	00000053	2C5D7191	00AE4890	00000001	17000000
P11	C7FC5E72	00DE4F5F	0B9BD7A4	0	000000A6	2C5D7191	00AE4890	00000001	17000000
P11	E8B3A008	01192FDF	1737AF48	0	0000014C	2C5D7191	00AE4890	00000001	17000000
P11	2A222334	018FF0E0	2E6F5E90	0	00000298	2C5D7191	00AE4890	00000001	17000000
P11	ACFF298C	007A72E0	5CDEBD21	0	00000530	D3A28E6E	0151B76F	00000000	17000000
P11	01436FF4	019854A1	B9BD7A42	0	00000A60	2C5D7191	00AE4890	00000001	17000000
P11	5841C30D	008D3A62	737AF485	0	000014C1	D3A28E6E	0151B76F	00000000	17000000
P11	5DC8A2F6	018DE3A4	E6F5E90A	0	00002982	2C5D7191	00AE4890	00000001	17000000
P11	144C2911	00D85A69	CD8BC215	0	00005305	D3A28E6E	0151B76F	00000000	17000000
P11	CFDD6EFF	00541FB1	9BD7A42B	0	0000A60B	D3A28E6E	0151B76F	00000000	17000000
P11	46FFFADB	014BAE43	37AF4856	0	00014C17	2C5D7191	00AE4890	00000001	17000000
P11	E68AD8DA	01F3EFA6	6F5E90AC	0	0002982E	2C5D7191	00AE4890	00000001	17000000
P11	263094D8	01446C6E	DEBD2159	0	0005305C	D3A28E6E	0151B76F	00000000	17000000
P11	F3A6468D	012C478B	8D7A42B3	0	000A60B9	D3A28E6E	0151B76F	00000000	17000000
P11	8E91A9F7	0CFBFF57	7AF48567	0	0014C173	D3A28E6E	0151B76F	00000000	17000000
P11	C4687CCA	009B6B8E	F5E90ACF	0	002982E6	D3A28E6E	0151B76F	00000000	17000000
P11	3015FE71	01DA45FD	E8D2159E	0	005305CD	2C5D7191	00AE4890	00000001	17000000
P12	D7A4223D	00A60R9B	E8D2159E	0	005305CD	00000000	00000000	FFFFFFFF	17FFFFFF
P13	5759F464	0159F464	E8D2159E	0	005305CD	00000000	00000000	FF000000	17000000

00234

SIGMA LOGIC SIMULATION, FDL, CASE 0032									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
P15	A859F464	0159F464	E8D2159E	0	005305CD	00000000	00000000	00000000	00000000

00235

SIGMA LOGIC SIMULATION, FDL, CASE 0033									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	511706C2	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PC1	511706C2	00000000	511706C2	0	00000000	00000000	00000000	FF000000	00000000
PC2	51000000	001706C2	511706C2	0	00000000	E4B39F7F	01B39F7F	01000000	00000000
PC3	F3A59E74	001706C2	511706C2	0	001706C2	00000000	00000000	00000000	36000000
PC4	F3A59E74	001706C2	00000000	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
PC9	E74B3CE8	002F0085	00000000	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	B7DAD8AC	01C35A0B	00000000	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	8671527C	001F7E17	00000001	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	F62703D4	01A6292E	00000002	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	0309A8CC	01E5135E	00000004	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	1CCEF23C	0062E7BC	00000009	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	22E24454	002D0F78	00000013	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	2F08E784	01C159F0	00000026	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	74CD702C	001R78E0	0000004D	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	D2DF3F34	019F30C0	0000009A	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	8C7A1F8C	01D52281	00000134	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	8FAFE03C	00430603	00000269	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	08A41F54	01FD4B07	000004D2	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	2803DFCC	0073570F	000009A5	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	394C1E74	004DE01C	0000134B	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	580C98C4	00C31938	00002697	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	A0FD9664	016D7170	00004D2E	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	5886C0FC	0173A3E1	00009A5C	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	C8293CFC	018008C2	0000134B	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	A70F191C	0198D285	00002697	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	64D7D75C	01CA660B	00004D2E	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	E06B4FDC	002D8016	00009A5C	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	AA1AFE94	01C2592D	00134B82	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	6AF19E4C	001D735B	00269705	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	BF279874	01A225B6	004D2E0A	0	00000000	0B5DD091	004C6080	00000001	36000000

00236

SIGMA LOGIC SIMULATION, FDL, CASE 0033									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	950AD80C	0100006D	009A5C14	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	40D1513C	0052090B	0134B829	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	6AE701B4	000CF2B6	02697053	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	BF126184	0181246C	0402F0A6	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	94F0642C	0198D285	00A5C14C	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	407C697C	010E0483	134B8298	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	97B4741C	00366A66	26970531	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	18AD4714	01D413CD	402E0A62	0	00000000	0B5DD091	004C6080	00000001	36000000
P11	48162F4C	0040F89A	9A5C1405	0	00000000	F4A22F6E	01B39F7F	00000000	36000000
P11	7970B075	01E91034	34B8298A	0	00000001	0B5DD091	004C6080	00000001	36000000
P11	099D100F	006AE169	69705315	0	00000002	F4A22F6E	01B39F7F	00000000	36000000
P11	FC7E96F8	0030C0D1	D2E0A62B	0	00000004	F4A22F6E	01B39F7F	00000000	36000000
P11	E2418CC0	01E142A3	45C14C56	0	00000009	0B5DD091	004C6080	00000001	36000000
P11	083EB48F	00584447	43E298AD	0	00000013	F4A22F6E	01B39F7F	00000000	36000000
P11	9FC1D45A	0010C88F	9705315B	0	00000026	F4A22F6E	01B39F7F	00000000	36000000
P11	28C80791	01A2D61F	2L0A6296	0	0000004D	0B5DD091	004C6080	00000001	36000000
P11	6848B046	01FF603E	5C14C56C	0	0000009A	0B5DD091	004C6080	00000001	36000000
P11	E7530180	005F997C	B8298AD9	0	00000134	F4A22F6E	01B39F7F	00000000	36000000
P11	57EAB230	001275F9	705315B3	0	00000269	F4A22F6E	01B39F7F	00000000	36000000
P11	59192386	01802AF3	F0A62B66	0	000004D2	0B5DD091	004C6080	00000001	36000000
P11	C8F0L701	01E11AE6	014C56CC	0	000009A5	0B5DD091	004C6080	00000001	36000000
P11	A8977007	01FAE0CD	8298AD98	0	0000134B	0B5DD091	004C6080	00000001	36000000
P11	67F A82B3	008E9F9B	05315B31	0	00002697	F4A22F6E	01B39F7F	00000000	36000000
P11	B9196442	00847036	0A62B663	0	00004D2E	F4A22F6E	01B39F7F	00000000	36000000
P11	53722760	0070376D	14C56CC7	0	00009A5C	F4A22F6E	01B39F7F	00000000	36000000
P11	A032A09C	0047A0DA	298AD98F	0	000134B8	F4A22F6E	01B39F7F	00000000	36000000
P11	29A98414	01FA9485	5315B31E	0	00026970	0B5DD091	004C6080	00000001	36000000
P11	6A0F154C	0055F46A	442B663D	0	0004D2E0	F4A22F6E	01B39F7F	00000000	36000000
P11	00628975	00732804	4C56CC7B	0	0009A5C1	F4A22F6E	01B39F7F	00000000	36000000
P11	64097106	004096A9	98AD98F7	0	00134B82	F4A22F6E	01B39F7F	00000000	36000000
P11	B1574269	00026052	315B31EF	0	00269705	F4A22F6E	01B39F7F	00000000	36000000
P12	62B6630E	0040F00A	315B31EF	0	00269705	00000000	00000000	FFFFFFFF	36FFFFFF
P13	76B201F5	01E2D1F5	315B31EF	0	00269705	00000000	00000000	FFFFFFFF	36000000

00237

SIGMA LOGIC SIMULATION, FDL CASE 0033									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	89B2D1F5	01B2D1F5	315B31EF	0	00269705	00000000	00000000	00000000	00000000

00238

SIGMA LOGIC SIMULATION, FDL CASE 0034									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	9E50492F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	9E50492F	00000000	9E50492F	0	00000000	00000000	00000000	FF000000	00000000
P02	61000000	0150492F	6150492F	0	00000000	DA384F69	01384F69	01000000	00000000
P03	8C792302	0150492F	6150492F	0	0150492F	00000000	00000000	FFFFFFFF	3CFFFFFF
P04	7386DC2E	00AFB6D0	00000000	0	00000000	F6E47A15	01384F69	00000001	3C000000
P09	E70DB85C	015F67A0	00000000	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	BBE464E4	012F7A15	00000001	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	6591BDFA	00CF92FF	00000003	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	88FC7014	000FC4C2	00000007	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	5FA1D454	00902879	0000000E	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	017AB47C	00AFB21E	0000001C	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	B59C74CC	00ECC569	00000038	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	7C8FF56C	016CEPFF	00000070	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	0B56F6AC	0069392B	000000E1	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	0476E184	0143112A	000001C2	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	1B24CE0C	00158380	00000385	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	241291E4	009BA5D4	0000070A	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	5A5C2F9C	00C6ACD4	00000E14	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	C6FF6B9C	011CBAD4	00001C28	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	AC15E1FC	01C8D6D5	00003850	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	5262CFAC	012710D7	000070A1	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	928E9384	00E2B082	0000E143	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	12E61B34	01D617D9	0001C286	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	3803423C	013B90DE	0003850D	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	50CF78A4	00E7C090	00070A1B	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	A967E574	00401FF4	000E1437	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	4098BF14	00F0DFBD	001C286F	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	936889FC	00711FA6	003850DC	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	39081FCC	00719F79	0070A1B9	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	5F0933C4	0153D8C6	00E14372	0	00000000	091B85EA	00C7B096	00000000	3C000000

00239

SIGMA LOGIC SIMULATION, FDL, CASE 0034									
TIME	A REGISTER	A' REGISTER	B REGISTER	BC31	B' REGISTER	D REGISTER	D' REGISTER	CS REGISTER	CS' REGISTER
P11	D1E9735C	003718B8	01C286E5	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	9198DAE4	00DED045	03850DCA	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	356EC19C	014D01B7	070A1B94	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	7D148F0C	0029649A	0E143729	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	E7F21244	00C36808	1C286E52	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	E21B305C	0116313D	3850DCA4	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	D66D6C8C	018BC3A7	70A1B948	0	00000000	091B85EA	00C7B096	00000000	3C000000
P11	BF11F4FC	0106E87B	F1437291	0	00000000	F6E47A15	01384F69	00000001	3C000000
P11	6BECBL05	007E6FCB	C286E523	0	00000001	F6E47A15	01384F69	00000001	3C000000
P11	C5A27037	016D7F6A	850DCA46	0	00000003	091B85EA	00C7B096	00000000	3C000000
P11	9D78EC43	006A5F01	041B948D	0	00000007	F6E47A15	01384F69	00000001	3C000000
P11	28C0CCB2	01455AD7	1437291A	0	0000000E	091B85EA	00C7B096	00000000	3C000000
P11	63B8A538	001A16DA	286E5235	0	0000001C	F6E47A15	01384F69	00000001	3C000000
P11	B53A3E9C	00A4CC88	50DCA46A	0	00000038	091B85EA	00C7B096	00000000	3C000000
P11	7CAB890C	00D8FA3D	A1B948D4	0	00000070	091B85EA	00C7B096	00000000	3C000000
P11	0B8E10E0	014155A7	437291A8	0	000000C1	091B85EA	00C7B096	00000000	3C000000
P11	295347AE	00120C7A	86F52351	0	000001C2	F6E47A15	01384F69	00000001	3C000000
P11	406F8389	0094B7C8	0DCA46A2	0	00000385	091B85EA	00C7B096	00000000	3C000000
P11	931612E6	0088D08C	1B948D44	0	0000070A	091B85EA	00C7B096	00000000	3C000000
P11	386331AC	010102A5	37291A88	0	00000E14	091B85EA	00C7B096	00000000	3C000000
P11	82FD6F14	01916676	6E523510	0	00001C28	091B85EA	00C7B096	00000000	3C000000
P11	1831E9FC	00822F19	DCA46A21	0	00003850	F6E47A15	01384F69	00000001	3C000000
P11	1E2CC825	01D4F8D6	B948D442	0	000070A1	091B85EA	00C7B096	00000000	3C000000
P11	4E909C1F	01395738	7291A885	0	0000E143	F6E47A15	01384F69	00000001	3C000000
P11	8AFA2C6A	00E34444	E523510B	0	0001C286	F6E47A15	01384F69	00000001	3C000000
P11	03D04D01	0037395D	CA46A217	0	0003850D	F6E47A15	01384F69	00000001	3C000000
P11	F5038E2F	00DF118D	948D442E	0	00070A1B	091B85EA	00C7B096	00000000	3C000000
P11	FC3E2833	014D8447	291A885C	0	000E1437	091B85EA	00C7B096	00000000	3C000000
P11	CAB35C3A	002A69BC	523510B9	0	001C286F	F6E47A15	01384F69	00000001	3C000000
P11	032FACA0	00C5724C	A46A2172	0	003850D9	091B85EA	00C7B096	00000001	3C000000
P11	18966515	011A45C4	48D442E4	0	0070A1B9	091B85EA	00C7B096	00000001	3C000000
P12	91A885C8	00E14372	48D442E4	0	0070A1B9	00000000	00000000	FFFFFFFF	3CFFFFFF
P13	7C1EBC8D	011FBC8D	48D442E4	0	0070A1B9	00000000	00000000	FFFFFFFF	3CFFFFFF

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SIGMA LOGIC SIMULATION, FDL, CASE 0034									
TIME	A REGISTER	A' REGISTER	B REGISTER	BC31	B' REGISTER	D REGISTER	D' REGISTER	CS REGISTER	CS' REGISTER
P15	831B0C8D	011FBC8D	48D442E4	0	0070A1B9	00000000	00000000	00000000	00000000

00241

SIGMA LOGIC SIMULATION, FDL, CASE 0035

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	43123577	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PO1	43123577	00000000	43123577	0	00000000	00000000	00000000	FF000000	00000000
PO2	43000000	00123577	43123577	0	00000000	E3528CD3	01528CD3	01000000	00000000
PO3	C1F7CFOE	00123577	43123577	0	00123577	00000000	00000000	00000000	27000000
PO4	C1F7CFOE	00123577	00000000	0	00000000	D7CEB350	01528CD3	00000001	27000000
PO9	83EF9E1C	00246AEF	00000000	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	B77CA2DA	00EDEF86	00000000	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	BF5BD1F2	0136C565	00000000	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	CF1A5782	01C87123	00000000	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	EE974862	00EBC49F	00000001	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	8CCBF766	007CAA E7	00000003	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	C935556E	019E6F76	00000006	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	E2CD443A	0097C545	0000000D	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	7537EF16	01D4A433	0000001A	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	3AD2778A	01042EBF	00000035	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	25425586	00AD7726	0000006B	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	FA22120E	000007F3	000000D7	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	A3E18ABF	00A5298F	000001AE	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	9825AEDA	00A53977	0000035C	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	80ADF712	00A55947	000006B8	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	51BE87A2	00A598E7	00000070	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	F3DFA862	00A61926	00001AEC	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	3821EA22	00A716A6	000035C0	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	C0A66DA2	00A913A4	000006B8	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	D1AF74A2	00AD0DA1	0000D700	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	F3C182A2	00B5019B	0001AE00	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	37E59EA2	00C4E990	00C35C00	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	C02DD6A2	00E4B978	0006B800	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	D0BE46A2	01245949	000D7000	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	F1DF26A2	01A399EB	001AE000	0	00000000	28314CAF	00AD732C	00000000	27000000

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SIGMA LOGIC SIMULATION, FDL, CASE 0035

TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	3420E6A2	00A21830	0035C001	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	17DF33E6	01E94A08	006B8002	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	8021012A	012D7A68	00D70005	0	00000000	D7CEB350	01528CD3	00000000	27000000
P11	AFDF68F6	01000078	01AEC00B	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	0F5C388E	00A53699	035C0017	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	CE55D7BF	01EF8409	06B8002F	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	ED0E48DA	0139F40B	0D70005D	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	8999F856	011901BF	1AF000B8	0	00000000	D7CEB350	01528CD3	00000000	27000000
P11	C311574E	00C71726	35C00177	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	35C0153E	005357F5	6B8002EF	0	00000000	D7CEB350	01528CD3	00000001	27000000
P11	1B1D911E	0148C192	07C005DE	0	00000000	28314CAF	00AD732C	00000000	27000000
P11	869DBB9B	01F2697C	AEC00B8C	0	00000001	28314CAF	00AD732C	00000000	27000000
P11	5D9E109F	013FB951	5CC01779	0	00000003	D7CEB350	01528CD3	00000001	27000000
P11	6AD987CC	01248C4A	B8002EF3	0	00000006	D7CEB350	01528CD3	00000001	27000000
P11	8550763B	00EF323C	70005DE7	0	0000000D	D7CEB350	01528CD3	00000001	27000000
P11	BA3E5318	00817F20	E000B8CF	0	0000001A	D7CEB350	01528CD3	00000001	27000000
P11	241ACCD3	01A815E9	CC01779E	0	00000035	28314CAF	00AD732C	00000000	27000000
P11	9896B305	00AB122A	8002EF3D	0	0000006B	D7CEB350	01528CD3	00000001	27000000
P11	E0CACCAD	01FR37FC	0005DE7A	0	000000D7	28314CAF	00AD732C	00000000	27000000
P11	11FR325B	01516252	000B8CF5	0	000001AE	D7CEB350	01528CD3	00000001	27000000
P11	D380CC12	0147DE4B	001779EB	0	0000035C	D7CEB350	01528CD3	00000001	27000000
P11	568BFEC6	0134D63F	002EF3D7	0	000006B8	D7CEB350	01528CD3	00000001	27000000
P11	5D0F647E	010FC426	005DE7AF	0	00000D70	D7CEB350	01528CD3	00000001	27000000
P11	699C2FFE	00C2A5F4	00B8CF5F	0	00001AEC	D7CEB350	01528CD3	00000001	27000000
P11	8315C49E	002A6590	01779EBF	0	000035C0	D7CEB350	01528CD3	00000001	27000000
P11	85C8EFD E	00F9F4C8	02EF3D7E	0	00006B80	28314CAF	00AD732C	00000000	27000000
P11	8BF4791A	014EAF F9	05DE7AFC	0	0000D700	28314CAF	00AD732C	00000000	27000000
P11	C84B8892	01F8462B	00BCF5F8	0	0001AEC0	28314CAF	00AD732C	00000000	27000000
P11	E0F9B082	014872AF	1779EBF1	0	00035C00	D7CEB350	01528CD3	00000001	27000000
P11	7190C7A6	0138FF07	2EF3D7E3	0	0006B800	D7CEB350	01528CD3	00000001	27000000
P11	928EF5FE	011D17B6	5DE7AFC7	0	000D7000	D7CEB350	01528CD3	00000001	27000000
P12	8BCF5F8F	001AE000	5DE7AFC7	0	000D7000	00000000	00000000	FFFFFFFF	27FFFFFF
P13	671AE000	001AE700	5DE7AFC7	0	000D7000	00000000	00000000	00000000	27000000

00243

SIGMA LOGIC SIMULATION, FDL, CASE 0035									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P15	671AE000	001AE000	5DE7AFC7	0	000D7000	00000000	00000000	00000000	00000000

00244

SIGMA LOGIC SIMULATION, FDL, CASE 0036									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	AC82E644	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	AC82E644	00000000	AC82E644	0	00000000	00000000	00000000	FF000000	00000000
P02	53000000	01F2E644	5302E644	0	00000000	DAF7F352	01F7F352	01000000	00000000
P03	6C281703	01F2E644	5302E644	0	01F2E644	00000000	00000000	FFFFFFF	2FFFFFFF
P04	9307E620	00701968	00000000	0	00000000	016CB576	01F7F352	00000000	2F000000
P09	27AF000A	00FA3377	00000000	0	00000000	016CB576	01E7F352	00000000	2E000000
P10	727AF005	00FA3377	40000000	0	00000000	016CB576	01F7F352	00000000	2F000000
P11	E70F64F7	01F2E644	40000000	0	00000001	FE934A89	00180CAD	00000001	2F000000
P11	C0C55F02	00F7361	80000001	0	00000002	016CB576	01F7F352	00000000	2F000000
P11	9C6428F1	01F0C0A7	00000002	0	00000005	FE934A89	00180CAD	00000001	2F000000
P11	35EE66F6	000954AB	00000005	0	0000000A	016CB576	01E7F352	00000000	2F000000
P11	6E9738D3	01F34CFA	0000000A	0	00000014	FE934A89	00180CAD	00000001	2F000000
P11	DA9506C4	01F6B950	00000014	0	00000028	FE934A89	00180CAD	00000001	2F000000
P11	B280A23C	001033FD	00000028	0	00000050	016CB576	01F7F352	00000000	2F000000
P11	677A0024	00FA3377	00000053	0	000000A0	016CB576	01F7F352	00000000	2F000000
P11	01CE0834	01F5E2F2	000000A6	0	00000140	FE934A89	00180CAD	00000001	2F000000
P11	A0C4287C	01F9E121	00000140	0	00000280	FE934A89	00180CAD	00000001	2F000000
P11	3EAF6C00	0027009F	00000280	0	00000500	016CB576	01E7F352	00000000	2F000000
P11	80374314	001F90E2	00000533	0	00000A00	016CB576	01F7F352	00000000	2F000000
P11	034700F4	00F22669	00000A67	0	00001400	016CB576	01E7F352	00000000	2F000000
P11	00A94004	01F62876	00001400	0	00002800	FE934A89	00180CAD	00000001	2F000000
P11	0FF928BC	00007048	00002800	0	00005000	016CB576	01E7F352	00000000	2F000000
P11	20BC8A64	01F8C734	0000533A	0	0000A000	FE934A89	00180CAD	00000001	2F000000
P11	42FE251C	0001A704	0000A675	0	00014000	016CB576	01E7F352	00000000	2F000000
P11	8AF5E6A4	01F3362C	00014000	0	00028000	FE934A89	00180CAD	00000001	2F000000
P11	0002005C	01F688F5	00028000	0	00050000	FE934A89	00180CAD	00000001	2F000000
P11	18CA990C	01F024C6	000533A8	0	000A0000	FE934A89	00180CAD	00000001	2F000000
P11	2EBC8A60	01FA62E8	000A6750	0	00140000	FE934A89	00180CAD	00000001	2F000000
P11	5A9F266C	000400FC	00140000	0	00280000	016CB576	01F7F352	00000000	2F000000

00245

SIGMA LOGIC SIMULATION, FDL, CASE 0036									
TIME	A REGISTER	A1 REGISTER	B REGISTER	BC31	B1 REGISTER	D REGISTER	D1 REGISTER	CS REGISTER	CS1 REGISTER
P11	B815B7C4	01D9A4FC	00299D42	0	00500000	FE934A89	00180CAD	00000001	2F000000
P11	6D52049C	01E36355	00533A84	0	00A00000	FE934A89	00180CAD	00000001	2F000000
P11	D7CA9E4C	01F6E006	00A67508	0	01400000	FE934A89	00180CAD	00000001	2F000000
P11	ACBBD1AC	001DD969	014CEA11	0	00800000	016CB576	01E7F352	00000000	2F000000
P11	5C510E44	000B9977	0299D423	0	01000000	016CB576	01E7F352	00000000	2F000000
P11	8B7B8774	01E71992	0533A846	0	00000000	FE934A89	00180CAD	00000001	2F000000
P11	741DA3FC	01FE4C81	0A67508C	0	00000000	FE934A89	00180CAD	00000001	2F000000
P11	E561DD0C	002CB25E	14CEA119	0	00000000	016CB576	01E7F352	00000000	2F000000
P11	CD9D2504	00294861	299D4233	0	00000000	016CB576	01E7F352	00000000	2F000000
P11	9E13B4F4	00227D67	533A8467	0	00000000	016CB576	01E7F352	00000000	2F000000
P11	3F00D4D4	0014E173	A67508CF	0	00000000	016CB576	01E7F352	00000000	2F000000
P11	80DB1495	01F9A98A	4CEA119E	0	00000001	FE934A89	00180CAD	00000001	2F000000
P11	FEDCBE3E	00236C70	99D4233D	0	00000002	016CB576	01E7F352	00000000	2F000000
P11	0092E769	0016B8F6	33A8467B	0	00000005	016CB576	01E7F352	00000000	2F000000
P11	03FF39BE	01FD6580	67508CF6	0	0000000A	FE934A89	00180CAD	00000001	2F000000
P11	05250890	002AE4BC	CEA119ED	0	00000014	016CB576	01E7F352	00000000	2F000000
P11	00237C0D	0025B01C	9D4233DB	0	00000029	016CB576	01E7F352	00000000	2F000000
P11	10206307	001B46DC	3A8467B7	0	00000053	016CB576	01E7F352	00000000	2F000000
P11	3D1A30FA	0006745C	75C8CF6F	0	000000A6	016CB576	01E7F352	00000000	2F000000
P11	7D0DCCE0	010CCF5C	EA119EDE	0	0000014C	FE934A89	00180CAD	00000001	2F000000
P11	F7422E05	01E9B814	D4233DBC	0	00000299	FE934A89	00180CAD	00000001	2F000000
P11	E8AAF2BF	00038985	A8467B79	0	00000533	016CB576	01E7F352	00000000	2F000000
P11	DA2F5068	01D6F9AF	508CF6F2	0	00000A67	FE934A89	00180CAD	00000001	2F000000
P11	B18535EA	01DF0CBB	A119EDE4	0	000014CE	FE934A89	00180CAD	00000001	2F000000
P11	603100E9	01E032D3	4233DBCB	0	0000299D	FE934A89	00180CAD	00000001	2F000000
P11	B08896E6	00087F02	8467B791	0	0000533A	016CB576	01E7F352	00000000	2F000000
P11	7DEA9889	01E0E4A9	08CF6F22	0	0000A675	FE934A89	00180CAD	00000001	2F000000
P11	F8F8C686	01F1E2AE	119EDE44	0	00014CEA	FE934A89	00180CAD	00000001	2F000000
P11	EF1E2220	0013DFB9	233DBCB9	0	000299D4	016CB576	01E7F352	00000000	2F000000
P11	E115AF2C	01F7A417	467B7912	0	000533A8	FE934A89	00180CAD	00000001	2F000000
P11	BF51F36C	001F618B	8CF6F225	0	000A6750	016CB576	01E7F352	00000000	2F000000
P11	817D51C5	000FA7BB	19EDE448	0	0014CEA1	016CB576	01E7F352	00000000	2F000000
P11	05D40F76	01E03A1B	33DBCB96	0	00299D42	FE934A89	00180CAD	00000001	2F000000
P12	6797912D	00533A84	33DBCB96	0	00299D42	00000000	00000000	FFFFFFFF	2FFFFFFFFF

00246

SIGMA LOGIC SIMULATION, FDL, CASE 0036									
TIME	A REGISTER	A1 REGISTER	B REGISTER	BC31	B1 REGISTER	D REGISTER	D1 REGISTER	CS REGISTER	CS1 REGISTER
P13	6F533A84	00533A84	33DBCB96	0	00299D42	00000000	00000000	00000000	2F000000
P15	6F533A84	00533A84	33DBCB96	0	00299D42	00000000	00000000	00000000	00000000

00247

SIGMA LOGIC SIMULATION, FDL, CASE 0037									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	D7FDB531	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	D7FDB531	00000000	D7FDB531	0	00000000	00000000	00000000	FF000000	00000000
P02	28000000	01FDB531	28FDB531	0	00000000	E3F76489	01F76489	01000000	00000000
P03	375601A2	01FDB531	28FDB531	0	01FDB531	00000000	00000000	FFFFFFF	0FFFFFFF
P04	8A9FE9E0	0024ACEC	00000000	0	00000000	50B1EAB9	00089B76	00000000	08000000
P05	8A9FE9E0	0024ACEC	8A9FE9E0	0	0024ACEC	50B1EAB9	00089B76	00000000	08000000
P06	0B1EAB90	0089B765	8A9FE9E0	0	0024ACEC	50B1EAB9	00089B76	00000000	00000000
P07	0B1EAB90	0089B765	8A9FE9E0	0	0024ACEC	50B1EAB9	00089B76	00000000	00000000
P08	8A9FE9E0	0024ACEC	00000000	0	00000000	F4E1546F	0176489A	00000001	00000000
P09	153FD3C0	004959D9	00000000	0	00000000	F4E1546F	0176489A	00000001	00000000
P11	14425060	017F44E8	00000000	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	3E01F7F0	0011F89A	00000001	0	00000000	F4E1546F	0176489A	00000001	00000000
P11	674698AC	0110826A	00000002	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	E4C88860	0134719E	00000004	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	DF0267E0	017C5607	00000008	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	05F226E0	000C1AD9	00000011	0	00000000	F4E1546F	0176489A	00000001	00000000
P11	9586F6A0	0104C6E9	00000022	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	414B4460	0110FC9D	00000044	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	9903DFE0	01406804	00000088	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	47F516E0	01AE3FD3	00000110	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	A60784E0	006FE070	00000221	0	00000000	F4E1546F	0176489A	00000001	00000000
P11	3501B2A0	01CC6A17	00000442	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	81E0B060	00AC42F8	00000885	0	00000000	F4E1546F	0176489A	00000001	00000000
P11	ED8421A0	00451726	00001108	0	00000000	F4E1546F	0176489A	00000001	00000000
P11	4C4AEC20	0176BF83	00002216	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	9FD32F60	0000F0D1	0000442D	0	00000000	F4E1546F	0176489A	00000001	00000000

00248

SIGMA LOGIC SIMULATION, FDL, CASE 0037									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	296007A0	00E160D9	0000885A	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	692F66A0	00F0437C	00011034	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	F8502310	00F3FE02	00022168	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	E6F59EE0	00F84F4F	00044200	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	F42894E0	010A4869	000885AC	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	0F8E80F0	0128059D	00110B40	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	035A58F0	01637A05	00221680	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	0CF206E0	010A62D5	00442D00	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	902168F0	00C83475	00885AC1	0	00000000	F4E1546F	0176489A	00000000	00000000
P11	0A057AA0	0070FA21	0110B403	0	00000000	F4E1546F	0176489A	00000000	00000000
P11	F0094F20	01F68577	00216876	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	11089360	00F0798A	0442D00D	0	00000000	F4E1546F	0176489A	00000000	00000000
P11	0073CFA0	00AD84AA	0845AC1B	0	00000000	F4E1546F	0176489A	00000000	00000000
P11	04AA4820	0047948A	110B4037	0	00000000	F4E1546F	0176489A	00000000	00000000
P11	F3173920	0178CA49	2216806E	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	FC68C860	00CAF05D	4420000D	0	00000000	F4E1546F	0176489A	00000000	00000000
P11	E29A33A0	0102B7F1	885A018A	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	0B71CF61	01187EAD	10840374	0	00000001	0B1EAB90	0089B765	00000000	00000000
P11	0D0203F0	01446C25	216806E8	0	00000002	0B1EAB90	0089B765	00000000	00000000
P11	807F3F64	019C4715	42000D00	0	00000000	0B1EAB90	0089B765	00000000	00000000
P11	773B04E8	004BF0F5	85AC18A1	0	00000008	F4E1546F	0176489A	00000000	00000000
P11	0A3A52B0	01848120	08403742	0	00000011	0B1EAB90	0089B765	00000000	00000000
P11	06A1F0A0	001C8809	16806E85	0	00000022	F4E1546F	0176489A	00000001	00000000
P11	7726A1F4	0125914D	200000CA	0	00000044	0B1EAB90	0089B765	00000000	00000000
P11	048A9AF8	015FAF65	5AC18A14	0	00000088	0B1EAB90	0089B765	00000000	00000000
P11	1F5280C0	010CB994	B4C3742F	0	00000110	0B1EAB90	0089B765	00000000	00000000
P11	54F27101	0084E1F2	6806E851	0	00000221	F4E1546F	0176489A	00000001	00000000
P11	93278AF2	00F6551A	00000CA3	0	00000442	F4E1546F	0176489A	00000001	00000000
P11	10D1EAE5	0199386B	A018A146	0	00000885	0B1EAB90	0089B765	00000000	00000000
P11	37F00464	0045E8A0	4037428D	0	00001108	F4E1546F	0176489A	00000000	00000000
P11	59245196	01785C76	806E851A	0	00002216	0B1EAB90	0089B765	00000000	00000000
P11	0945E4A0	00042786	0000CA35	0	0000442D	F4E1546F	0176489A	00000000	00000000
P11	7C4E90FA	00F4E8A3	018A146A	0	0000885A	0B1EAB90	0089B765	00000000	00000000
P11	0ED9A314	00F03011	03742804	0	0001108A	0B1EAB90	0089B765	00000000	00000000
P11	33F277A8	0100CFEC	06F851A8	0	00022168	0B1EAB90	0089B765	00000000	00000000

00249

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0037								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	7E225180	012F0CA2	0DD0A350	0	000442D0	0B1EAB90	0089B765	00000000	0C000000
P11	1281FA80	0171880F	1BA146A0	0	0C0885A0	0B1EAB90	0089B765	00000000	0C000000
P11	3B414C20	01F67EE8	37428D40	0	00110B40	0B1EAB90	0089B765	00000000	0C000000
P11	8CBFEF60	01006C9A	6E851A81	0	00221680	F4E1546F	0176489A	00000001	0C000000
P12	DD0A3503	00442D00	6E851A81	0	00221680	00000000	00000000	FFFFFFF	0CFFFFFF
P13	4CBBD2FF	018BD2FF	6E851A81	0	00221680	00000000	00000000	FF000000	0C000000
P15	B3BBD2FF	018BD2FF	6E851A81	0	00221680	00000000	00000000	00000000	00000000

00250

TIME	SIGMA LOGIC SIMULATION, FDL, CASE 0038								
	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	B2C379D5	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
PC1	B2C379D5	00000000	B2C379D5	0	00000000	00000000	00000000	FF000000	00000000
PC2	40000000	01C379D5	40C379D5	0	00000000	0B73C5E0	0173C5E0	01000000	00000000
PC3	AEC68424	01C379D5	40C379D5	0	01C379D5	00000000	00000000	FFFFFFF	29FFFFFF
PC4	513976DC	003C862A	00000000	0	00000000	E8C35723	0173C5E0	00000001	29000000
PC9	A272F788	00790C54	00000000	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	166CA933	0109A468	00000000	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	5B529928	00C5B714	00000001	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	8828EC98	007F05FA	00000003	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	E14E9378	01E59796	00000006	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	F2366CA8	00E3A368	00000008	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	B5F39398	00AFD299	00000016	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	3D6E1178	004532F5	00000037	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	4C627038	0171E7AC	0000006F	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	C73E4328	01FC4F96	000000DC	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	BCE8C608	01111368	00000189	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	4B724658	0109B299	00000373	0	00000000	E8C35723	0173C5E0	00000000	29000000
P11	686B46F8	00FAF7F4	000006E7	0	00000000	E8C35723	0173C5E0	00000000	29000000
P11	A25D4338	007D67AA	000008CF	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	16414A38	00426717	00001B9F	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	FE094F38	002C59EF	0000373F	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	C0995938	01403FA1	00006E7E	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	C9ABF928	0198F781	00000CFC	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	C1F13308	004A5941	0001E9F9	0	00000000	E8C35723	0173C5E0	00000000	29000000
P11	55292A58	017C4245	000373F2	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	0X09A668	0010F8C9	0006F7E5	0	00000000	E8C35723	0173C5E0	00000001	29000000
P11	8310FF18	01097753	0000CFC4	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	348523F8	01286FE5	00199F94	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	97E36D88	016F5208	00373F28	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	5E406008	01F7184F	006E7E50	0	00000000	173CA2DC	008C3A1F	00000000	29000000

00251

SIGMA LOGIC SIMULATION, FDL, CASE 0038									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	EAFAC748	0106A4DC	03DCFCA1	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	A77AC8D8	00F4D57B	01B9F943	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	207C4BF8	00D136B9	0373F287	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	127F5238	0089F934	06E7E50F	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	F6855EB8	01F87E29	00CFCA1E	0	00000000	173CA2DC	008C3A1F	00000000	29000000
P11	18840328	010F7092	1B9F943D	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	088ECC98	010A6CE6	373F287B	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	E2A43B7A	00F4658D	6E7E50F7	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	96CF3138	00D056DD	DCFCFA1E	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	FF251CB9	0088397C	B9F943DF	0	00000001	E8C35D23	0173C5E0	00000001	29000000
P11	CF00F3BB	01F7FEBB	73F2A7BE	0	00000003	173CA2DC	008C3A1F	00000000	29000000
P11	CE1B202E	010A71B5	E7E50F7D	0	00000006	E8C35D23	0173C5E0	00000001	29000000
P11	60BD14A5	00F86F2D	CFA1E5FB	0	00000000	E8C35D23	0173C5E0	00000001	29000000
P11	A000E393	00D86A1C	9F943DF7	0	0000001B	E8C35D23	0173C5E0	00000001	29000000
P11	2B88816F	00985FFB	3F287BEF	0	00000037	E8C35D23	0173C5E0	00000001	29000000
P11	2B97BD26	00184B88	7E50F7DF	0	0000006E	E8C35D23	0173C5E0	00000001	29000000
P11	22B63424	01182332	FCA1FFBE	0	000000DC	173CA2DC	008C3A1F	00000000	29000000
P11	73E5A4E1	0148BAA2	F943DF7C	0	000001B9	173CA2DC	008C3A1F	00000000	29000000
P11	1644A37B	01A9E983	F287BEF8	0	00000373	173CA2DC	008C3A1F	00000000	29000000
P11	58A28CAF	006C4744	E50F7DF1	0	000006E7	E8C35D23	0173C5E0	00000001	29000000
P11	878BD3A7	01C01A4A	CA1EFBE2	0	000000CF	173CA2DC	008C3A1F	00000000	29000000
P11	3D9CE007	0098A9D3	943DF7C5	0	0000189F	E8C35D23	0173C5E0	00000001	29000000
P11	4CA89457	0018D068	287BEF8B	0	0000373F	E8C35D23	0173C5E0	00000001	29000000
P11	6AD7E2F6	01194A92	53F7DF16	0	00006E7E	173CA2DC	008C3A1F	00000000	29000000
P11	042903A4	01490163	A1FFBE2C	0	000000FC	173CA2DC	008C3A1F	00000000	29000000
P11	36CB5001	01AF7704	43DF7C58	0	0001B9F9	173CA2DC	008C3A1F	00000000	29000000
P11	9C7FFFB8	00756246	87BEF8B1	0	000373F2	E8C35D23	0173C5E0	00000001	29000000
P11	09A6B08D	01D2504F	0F7DF162	0	0006E7E5	173CA2DC	008C3A1F	00000000	29000000
P11	41C6B032	00B014DC	1EFBE2C5	0	0000CFCA	E8C35D23	0173C5E0	00000001	29000000
P11	55142CAC	0061857A	3DF7C58B	0	001B9F94	E8C35D23	0173C5E0	00000001	29000000
P11	7B9F13A0	01AAF6B6	7BEF8B16	0	00373F28	173CA2DC	008C3A1F	00000000	29000000
P12	F75F162D	006F7F5D	7BEF8B16	0	00373F28	00000000	00000000	FFFFFFFF	29FFFFFF
P13	699181AF	019181AF	7BEF8B16	0	00373F28	00000000	00000000	FFFFFFFF	29000000

00252

SIGMA LOGIC SIMULATION, FDL, CASE 0038									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P15	969181AF	019181AF	7BEF8B16	0	00373F28	00000000	00000000	00000000	00000000

00253

SIGMA LOGIC SIMULATION, FDL CASE 0039									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	9FA3E574	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	9FA3E574	00000000	9FA3E574	0	00000000	00000000	00000000	FF000000	00000000
P02	60000000	01A3E574	60A3E574	0	00000000	A4E4983D	01E4983D	01000000	00000000
P03	239CD278	01A3E574	60A3E574	0	01A3E574	00000000	00000000	FFFFFFF	05FFFFFF
P04	DC632D88	005C1A8B	00000000	0	00000000	42A8C0E2	01E4983D	00000001	05000000
P09	B8C65B10	00R83517	00000000	0	00000000	42A8C0E2	01F4983D	00000001	05000000
P10	7B8C65B1	000B8351	00000000	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	7C6A4D28	01E0371D	00000000	0	00000000	BD573F1D	001B67C2	00000000	06000000
P11	7383188A	01F730C0	00000000	0	00000000	BD573F1D	001B67C2	00000000	06000000
P11	61B4AF4E	00254B06	00000001	0	00000000	42A8C0E2	01F4983D	00000001	06000000
P11	48BAE062	0013C687	00000003	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	16C7428A	01FCB789	00000006	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	AR3D034E	00184A97	0000000D	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	D5CB8862	01F9C5A9	0000001A	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	26458EFE	002A5AD9	00000035	0	00000000	42A8C0E2	01F4983D	00000001	06000000
P11	D10C9FC2	0010E62C	0000006B	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	29 4A	0004F0D4	000000D7	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	D7 45A	01D32A22	000001AE	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	297CR6FE	01D023CB	0000035C	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	0DA78C16	01F1171B	000006B8	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	15F09666	0018F0BD	00000D71	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	B14CAF92	01FR2F4	00001AE2	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	DD47D35E	0020276E	000035C5	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	3FE13882	00237F58	00006B8B	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	0513F2CA	00102F2B	0000D717	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	8F79475A	01E98FD0	0001AE2E	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	99A14CEE	0009E026	00035C5D	0	00000000	42A8C0E2	01F4983D	00000001	06000000
P11	B8941BA2	01D00AC7	0006B8BA	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	E8D6B57E	01F0E514	000D7174	0	00000000	BD573F1D	001B67C2	00000001	06000000

00254

SIGMA LOGIC SIMULATION, FDL CASE 0039									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	525B1036	001899AF	001AE2E9	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	2AC95432	01FA63D9	0025C5D2	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	CEC12696	00209737	00638BA5	0	00000000	42A8C0E2	01F4983D	00000001	06000000
P11	2D03CF02	00205E4E	00D71748	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	CAF91FCA	0029EF4E	01AE2E97	0	00000000	42A8C0E2	01F4983D	00000001	06000000
P11	1843C18A	01000718	035C5D2E	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	B13600FE	01F0E985	06B8BAAC	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	DD1A8016	0018A2F0	00717489	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	3F86A1F2	01FA748C	1AE2E972	0	00000000	BD573F1D	001B67C2	00000001	06000000
P11	F90BR21F	0020BC50	35C5D2E5	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	78C88602	0020A9FA	638BA5C0	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	76F28DCA	00048267	07174897	0	00000000	42A8C0E2	01E4983D	00000001	06000000
P11	7316928R	01DE3549	AE2E972E	0	00000001	BD573F1D	001B67C2	00000001	06000000
P11	600BF8F1	01F33A18	5C5D2E5C	0	00000003	BD573F1D	001B67C2	00000001	06000000
P11	3C65F01C	001043E6	B38BA5C0D	0	00000006	42A8C0E2	01E4983D	00000001	06000000
P11	FE1061FF	0003B7E6	71748973	0	0000000D	42A8C0E2	01E4983D	00000001	06000000
P11	818C45C4	0100A748	E2F972E6	0	0000001A	BD573F1D	001B67C2	00000001	06000000
P11	78C709C3	01F81016	0502E5CC	0	00000035	BD573F1D	001B67C2	00000001	06000000
P11	763C91C1	01F6E0E2	8A5CB98	0	0000006E	BD573F1D	001B67C2	00000001	06000000
P11	6727A18D	0004AEEA	17489731	0	00000077	42A8C0E2	01E4983D	00000001	06000000
P11	53A0C54D	01028E4F	2E972E62	0	000001AE	BD573F1D	001B67C2	00000001	06000000
P11	21F0088A	01F0E024	502E5CC4	0	0000035C	BD573F1D	001B67C2	00000001	06000000
P11	BE9F8FAE	01EA7C0D	8A5CB98A	0	000006B8	BD573F1D	001B67C2	00000001	06000000
P11	F7CB9007	00141F20	74897311	0	00000071	42A8C0E2	01E4983D	00000001	06000000
P11	74F8BC54	01F16F8C	E972E622	0	00001AE2	BD573F1D	001B67C2	00000001	06000000
P11	647FFK23	0019AF0E	02E5CC45	0	000035C5	42A8C0E2	01E4983D	00000001	06000000
P11	4E517200	01FC8A77	A5CB988A	0	00006B8B	BD573F1D	001B67C2	00000001	06000000
P11	17516255	002FF474	48973115	0	0000D717	42A8C0E2	01E4983D	00000001	06000000
P11	83F4467D	0028FF62	072E622E	0	0001AE2E	42A8C0E2	01E4983D	00000001	06000000
P11	ED3ACEA7	0018233F	2E5CC457	0	00035C5D	42A8C0E2	01E4983D	00000001	06000000
P11	5FC59F14	01FF74FA	5CB988AE	0	0006B8BA	BD573F1D	001B67C2	00000001	06000000
P11	3A39BC62	0035B07A	B973115C	0	000D7174	42A8C0E2	01E4983D	00000001	06000000
P11	F9C4FA88	0034A9AE	72E6228R	0	001AE2E9	42A8C0E2	01E4983D	00000001	06000000
P12	E5CC4577	0035C5C2	72E6228B	0	01AE2E9	00000000	00000000	FFFFFFF	C6FFFFFF

00255

SIGMA LOGIC SIMULATION, FDL, CASE 0039									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P13	46CA3A2D	01CA3A2D	72E622BB	0	001AE2E9	00000000	00000000	FF000000	06000000
P15	B9CA3A2D	01CA3A2D	72E622BB	0	001AE2E9	00000000	00000000	00000000	00000000

00256

SIGMA LOGIC SIMULATION, FDL, CASE 0040									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	C3DC27A1	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	C3DC27A1	00000000	C3DC27A1	0	00000000	00000000	00000000	FF000000	00000000
P02	3C000000	010C27A1	3C0C27A1	0	00000000	FC18A432	0118A432	01000000	00000000
P03	46PC455A	010C27A1	3C0C27A1	0	010C27A1	00000000	00000000	FFFFFFFF	39FFFFFF
P04	B903E176	00P3085F	00000000	0	00000000	EF710CFC	0118A432	00000000	39000000
P09	73A76P4C	0047B0BD	00000000	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	C6300F0C	0000A9FC	00000000	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	A07FA548	01500855	00000000	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	7C103158	004FCF51	00000001	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	07107CA8	010FE508	00000002	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	CF560F58	01FC81AB	00000004	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	BF0CA458	01478AF1	00000009	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	5E796368	01200F49	00000013	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	95041008	013204F8	00000027	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	16480858	00F60957	0000004F	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	08F90108	015FF014	0000009E	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	39118818	008C0102	00000130	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	51052A28	014A68EA	0000027A	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	03283458	00688F6E	000004F5	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	65328FA8	00F86743	000009EA	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	E83C0355	01FF8620	00001304	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	F823E048	0140C0D9	000027A9	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	CF29F368	000C001D	00004F53	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	703600C8	01CAF8A1	00009FA6	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	1889E798	016488DD	00001304	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	15F5E928	00FA5A20	000027A9	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	CAC0C048	0025FAA6	00004F53	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	F47DF288	00704161	00009FA6	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	0A190B18	000934FE	0013040C	0	00000000	108FF303	00E75BCD	00000000	39000000
P11	35517C38	01612096	0027A98F	0	00000000	108FF303	00E75BCD	00000000	39000000

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SIGMA LOGIC SIMULATION, FDL, CASE 0040									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P11	8BC0DE78	009112C6	004F5371	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	F663D6E8	015360F2	009EA6E2	0	00000000	108EF303	00E75BCD	00000001	39000000
P11	0DE593DA	00759380	013D4DC5	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	FAAD41A8	011C6F65	027A9B8A	0	00000000	108EF303	00E75BCD	00000001	39000000
P11	16786958	00079666	04F53715	0	00000000	EF710CFC	0118A432	00000000	39000000
P11	0BD2ECA8	00407532	09EA6E2A	0	00000000	108EF303	00E75BCD	00000001	39000000
P11	38C3BF58	004FA1FE	13D4DC54	0	00000000	108EF303	00E75BCD	00000001	39000000
P11	92A56488	006DFB96	27A9B8A8	0	00000000	108EF303	00E75BCD	00000001	39000000
P11	4668AF78	00AAAEC7	4F537150	0	00000000	108EF303	00E75BCD	00000001	39000000
P11	ADEF44F8	01241528	9EA6E2A0	0	00000000	108EF303	00E75BCD	00000001	39000000
P11	7CFC6FF9	0016F1EB	3D4DC541	0	00000001	EF710CFC	0118A432	00000000	39000000
P11	D8DAF9EA	005F0C3C	7A9B8A82	0	00000002	108EF303	00E75BCD	00000001	39000000
P11	D2A3D90C	008C0013	F5371504	0	00000004	108EF303	00E75BCD	00000001	39000000
P11	C6C599C1	00E857C1	EA6E2A08	0	00000009	108EF303	00E75BCD	00000001	39000000
P11	AEA91988	019F671D	D4DC5410	0	00000013	108EF303	00E75BCD	00000001	39000000
P11	7E70191F	010D85D5	A9B8A821	0	00000027	EF710CFC	0118A432	00000000	39000000
P11	DBC24C37	004C5410	53715043	0	0000004F	EF710CFC	0118A432	00000000	39000000
P11	9666B266	00C9F087	A6E2A086	0	0000009E	108EF303	00E75BCD	00000001	39000000
P11	4DEB4AD5	016298A9	4DC5410C	0	0000013D	108EF303	00E75BCD	00000001	39000000
P11	BCF478B2	0093E3EC	9B8A8219	0	0000027A	EF710CFC	0118A432	00000000	39000000
P11	58CB115D	01591A3F	37150432	0	000004F5	108EF303	00E75BCD	00000001	39000000
P11	D2B408C2	0080EC18	6E2A0865	0	000009EA	EF710CFC	0118A432	00000000	39000000
P11	844A2B7C	01332097	DC5410CA	0	000013D4	108EF303	00E75BCD	00000001	39000000
P11	29A23001	0034F8C9	B8A82195	0	000027A9	EF710CFC	0118A432	00000000	39000000
P11	324693FB	009B39F8	7150432A	0	00004F53	108EF303	00E75BCD	00000001	39000000
P11	85AB0DFE	01052B8A	E2A08654	0	00009EA6	108EF303	00E75BCD	00000001	39000000
P11	2C740205	01D90FAF	C5410CA8	0	00013D4D	108EF303	00E75BCD	00000001	39000000
P11	7A05EA13	0180D4F8	8A821951	0	00027A9B	EF710CFC	0118A432	00000000	39000000
P11	D2F0EE1F	0132F256	15C432A3	0	0004F537	EF710CFC	0118A432	00000000	39000000
P11	84RDF636	00972013	2AC86547	0	0009EA6E	EF710CFC	0118A432	00000000	39000000
P11	E85E0664	015FA28C	5410CA8E	0	0013D4DC	108EF303	00E75BCD	00000001	39000000
P12	A821951D	0027A9B8	5410CA8E	0	0013D4DC	00000000	00000000	FFFFFFFF	39FFFFFF
P13	7927A9B8	0027A9B8	5410CA8E	0	0013D4DC	00000000	00000000	00000000	39000000

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SIGMA LOGIC SIMULATION, FDL, CASE 0040									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P15	7927A9B8	0027A9B8	5410CA8E	0	0013D4DC	00000000	00000000	00000000	00000000

00259

SIGMA LOGIC SIMULATION, FDS, CASE 0001									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	2B5FA631	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	2B5FA631	00000000	2B5FA631	0	00000000	00000000	00000000	FF000000	00000000
P02	2B000000	005FA631	2B5FA631	0	00000000	E255639D	0155639D	01000000	00000000
P03	00000000	005FA631	2B5FA631	0	005FA631	00000000	00000000	00000000	0E000000
P04	00000000	005FA631	00000000	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P09	00000000	00BF4C62	00000000	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	00296700	00000001	0	00000000	FFFFFFFF	0155639D	00000001	0F000000
P11	00000000	00FD873C	00000002	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	0150473C	00000004	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	01F5C73C	00000008	0	00000000	00000000	00AA9C62	00000000	0F000000
P11	00000000	0140C73C	00000011	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	012C5584	00000023	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	010372A4	00000047	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	00B1AC84	0000008F	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	000F2044	0000011F	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	00C707C4	0000023E	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	00E3484C	0000047C	0	00000000	00000000	00AA9C62	00000000	0F000000
P11	00000000	0118C95C	000008F8	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	018CC87C	000011F0	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	006ECF8C	000023E1	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	01886684	000047C2	0	00000000	00000000	00AA9C62	00000000	0F000000
P11	00000000	0066042C	00008F85	0	00000000	FFFFFFFF	0155639D	00000001	0F000000
P11	00000000	0176D394	00011F0A	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	00470FFC	00023E15	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	01308714	00047C2A	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	01B6446C	0008F854	0	00000000	00000000	00AA9C62	00000000	0E000000
P11	00000000	00C1C69C	0011F0A9	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	002F5474	0023E153	0	00000000	FFFFFFFF	0155639D	00000001	0E000000
P11	00000000	01077024	0047C2A6	0	00000000	00000000	00AA9C62	00000000	0E000000

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SIGMA LOGIC SIMULATION, FDS, CASE 0001									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P12	008F854C	00000000	0047C2A6	0	00000000	00000000	00000000	FFFFFFFF	0EFFFFFF
P13	4E8F854C	00000000	0047C2A6	0	00000000	00000000	00000000	00000000	0E000000
P15	4E8F854C	00000000	0047C2A6	0	00000000	00000000	00000000	00000000	00000000

00261

SIGMA LOGIC SIMULATION, FDS, CASE 0002									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	4C008B51	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	4C008B51	00000000	4C008B51	0	00000000	00000000	00000000	FF000000	00000000
P02	4C000000	00008B51	4C008B51	0	00000000	C4FF85BF	01FF85BF	01000000	00000000
P03	00000000	00008B51	4C008B51	0	00008B51	00000000	00000000	00000000	11000000
P04	00000000	0008B510	00000000	0	00000000	00000000	00007A40	00000000	10000000
P05	00000000	008B5100	00000000	0	00000000	00000000	00007A40	00000000	0F000000
P05	00000000	008B5100	00000000	0	008B5100	00000000	00007A40	00000000	0F000000
P06	00000000	0007A400	00000000	0	008B5100	00000000	00007A40	00000000	10000000
P07	00000000	007A4000	00000000	0	008B5100	00000000	00007A40	00000000	11000000
P07	00000000	007A4000	00000000	0	008B5100	00000000	00007A40	00000000	11000000
P08	00000000	008B5100	00000000	0	00000000	FFFFFFF	0185BFFF	00000001	11000000
P09	00000000	0116A200	00000000	0	00000000	FFFFFFF	0185BFFF	00000001	11000000
P10	00000000	00116A20	00000000	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	012E5440	00000000	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	01512880	00000000	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	0196D100	00000000	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	00222200	00000001	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	014FC400	00000002	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	01940A00	00000004	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	001C9000	00000009	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	0144A000	00000012	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	0170C000	00000024	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	01F00000	00000048	0	00000000	00000000	007A4000	00000000	12000000

00262

SIGMA LOGIC SIMULATION, FDS, CASE 0002									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	00048000	00000091	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	00048000	00000123	0	00000000	FFFFFFF	0185BFFF	00000000	12000000
P11	00000000	00048000	00000247	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	01F48000	0000048E	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	00008000	00000910	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	00068000	0000123B	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	00088000	00002477	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	000C8000	000048EF	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	01848000	0000910E	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	01F08000	000123BC	0	00000000	00000000	007A4000	00000000	12000000
P11	00000000	00EF8000	00024779	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	00EAB000	00048FF3	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P11	00000000	00E08000	000910E7	0	00000000	FFFFFFF	0185BFFF	00000001	12000000
P12	00123BCF	00000000	000910E7	0	00000000	00000000	00000000	FFFFFFF	12FFFFFF
P13	52123BCF	00000000	000910E7	0	00000000	00000000	00000000	00000000	12000000
P15	52123BCF	00000000	000910E7	0	00000000	00000000	00000000	00000000	00000000

00263

SIGMA LOGIC SIMULATION, FDS, CASE 0003									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	6E0000D7	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	6E0000D7	00000000	6E0000D7	0	00000000	00000000	00000000	FF000000	00000000
P02	6E000000	000000D7	6E0000D7	0	00000000	99FFFF6C	01FFFF6C	01000000	00000000
P03	00000000	000000D7	6E0000D7	0	000000D7	00000000	00000000	00000000	08000000
P04	00000000	00000070	00000000	0	00000000	00000000	01FFFF6C	00000000	07000000
P05	00000000	0000D700	00000000	0	00000000	00000000	01FFFF6C	00000000	06000000
P05	00000000	00007000	00000000	0	00000000	00000000	01FFFF6C	00000000	05000000
P05	00000000	00D70000	00000000	0	00000000	00000000	01FFFF6C	00000000	04000000
P05	00000000	00070000	00000000	0	00D70000	00000000	01FFFF6C	00000000	04000000
P06	00000000	01FFFF6C	00000000	0	00D70000	00000000	01FFFF6C	00000000	05000000
P07	00000000	01FF6000	00000000	0	00D70000	00000000	01FFFF6C	00000000	06000000
P07	00000000	01F60000	00000000	0	00D70000	00000000	01FFFF6C	00000000	07000000
P07	00000000	01600000	00000000	0	00D70000	00000000	01FFFF6C	00000000	08000000
P07	00000000	01600000	00000000	0	00D70000	00000000	01FFFF6C	00000000	08000000
P08	00000000	00D70000	00000000	0	00000000	00000000	016C0000	00000000	08C00000
P09	00000000	01AE0000	00000000	0	00000000	00000000	016C0000	00000000	08000000
P10	00000000	001AE000	00000000	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	01000000	00000000	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	01438000	00000000	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000

00264

SIGMA LOGIC SIMULATION, FDS, CASE 0003									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	01AF0000	00000000	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	008A0000	00000001	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	01F40000	00000002	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	00F00000	00000005	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	00F00000	00000008	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	00480000	00000017	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	01680000	0000002E	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	01F80000	0000005C	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	01180000	00000089	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	01080000	00000073	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	00F80000	000000E7	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	00A80000	0000005F	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	00280000	0000009F	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	01280000	0000173E	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	01780000	00002F7C	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	00180000	00005CF9	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	01080000	000089F2	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	01380000	0000173E4	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	01280000	00002L7C8	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P11	00000000	00580000	00005CF91	0	00000000	00000000	016C0000	00000000	09000000
P11	00000000	01880000	00009F22	0	00000000	FFFFFFFF	0093FFFF	00000001	09000000
P12	00173E45	00000000	00009F22	0	00000000	00000000	00000000	FFFFFFFF	09FFFFFF
P13	49E8C1B3	01FFFFFF	00009F22	0	00000000	00000000	00000000	FF000000	09000000
P15	86F8C1B3	01FFFFFF	00009F22	0	00000000	00000000	00000000	00000000	00000000

00265

SIGMA LOGIC SIMULATION, FDS, CASE 0004									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	F1324034	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	F1324034	00000000	F1324034	0	00000000	00000000	00000000	FF000000	00000000
P02	0E000000	01324034	0E324034	0	00000000	E48DDF82	018DDF82	01000000	00000000
P03	00000000	01324034	0E324034	0	01324034	00000000	00000000	FFFFFFF	F3FFFFFF
P04	00000000	00C0BFCC	00000000	0	00000000	00000000	018DDF82	00000000	F3000000
P09	00000000	019R7F98	00000000	0	00000000	00000000	018DDF82	00000000	F3000000
P10	80000000	0019B7F9	00000000	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	014F2EF7	00000000	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	01829FEA	00000000	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	01E97ED0	00000000	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	00B73F9C	00000001	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	008A3C3C	00000003	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	0030377C	00000007	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	017C2DFC	0000000E	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	010C9CF4	0000001C	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	00907AE4	00000039	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	0056B4CC	00000073	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	01C9289C	000000E6	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	00769234	000001CD	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	0008E36C	0000039B	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	012A85DC	00000736	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	013F4CB4	00000E6C	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	0162DA64	00001CD8	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	01A9F5C4	00003980	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	00382C84	00007361	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	018C180C	0000E6C2	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	01FC7114	0001CD84	0	00000000	FFFFFFF	0072207D	00000001	F4000000
P11	00000000	00D02324	00039B09	0	00000000	00000000	018DDF82	00000000	F4000000
P11	00000000	00D6054C	00C73613	0	00000000	00000000	018DDF82	00000000	F4000000

00266

SIGMA LOGIC SIMULATION, FDS, CASE 0004									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	00000000	00C7C99C	000E6C27	0	00000000	00000000	018DDF82	00000000	F4000000
P12	001CD84F	00000000	000E6C27	0	00000000	00000000	00000000	FFFFFFF	F4FFFFFF
P13	341CD84F	00000000	000E6C27	0	00000000	00000000	00000000	00000000	F4000000
P15	341CD84F	00000000	000E6C27	0	00000000	00000000	00000000	00000000	00000000

00267

SIGMA LOGIC SIMULATION, FDS, CASE 0005									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	136AF5B2	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	136AF5B2	00000000	136AF5B2	0	00000000	00000000	00000000	FF000000	00000000
P02	13000000	006AF5B2	136AF5B2	0	00000000	F3078058	01078058	01000000	00000000
P03	00000000	006AF5B2	136AF5B2	0	006AF5B2	00000000	00000000	00000000	07000000
P04	00000000	006AF5B2	00000000	0	00000000	00000000	01078058	00000000	07000000
P09	00000000	00D5E864	00000000	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	01RAD778	00000000	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	0166AE40	00000001	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	00Dc5D30	00000003	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	01C7BB10	00000006	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	01807570	0000000D	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	010FE890	0000001B	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	002FD7D0	00000037	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	006CB050	0000006F	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	00CA5FF0	000000DC	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	0185BF30	000001B8	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	00FC7D80	00000371	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	0007FC10	000006E3	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	001FF8D0	00000DC6	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	002FF0F0	00001B8C	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	004FE130	00003718	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	008FC1B0	00006E30	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	010E82B0	0000DC60	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	000F04B0	0001B8C1	0	00000000	00000000	01078058	00000000	07000000
P11	00000000	002R0A10	00037182	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	00471370	0006E304	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	007F2630	000DC608	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	00EFA8B0	001B8C10	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000
P11	00000000	01CF96B0	00371820	0	00000000	FFFFFFFF	00F87FA7	00000001	07000000

00268

SIGMA LOGIC SIMULATION, FDS, CASE 0005									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P12	006F3041	00000000	00371820	0	00000000	00000000	00000000	FFFFFFFF	07FFFFFF
P13	4791CFBF	01FFFFFF	00371820	0	00000000	00000000	00000000	FF000000	07000000
P15	8891CFBF	01FFFFFF	00371820	0	00000000	00000000	00000000	00000000	00000000

00269

SIGMA LOGIC SIMULATION, FDS, CASE 0006									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	15B897C4	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	15B897C4	00000000	15B897C4	0	00000000	00000000	00000000	FF000000	00000000
P02	15000000	00B897C4	15B897C4	0	00000000	FB58994C	0158994C	01000000	00000000
P03	00000000	00B897C4	15B897C4	0	00B897C4	00000000	00000000	00000000	11000000
P04	00000000	00B897C4	00000000	0	00000000	FFFFFFF	0158994C	00000001	11000000
P09	00000000	01712F88	00000000	0	00000000	FFFFFFF	0158994C	00000001	11000000
P10	80000000	001712F8	00000000	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	00DF588B	00000000	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	010D7E7C	00000000	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	0169CA5E	00000000	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	00226222	00000001	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	00F5F6DE	00000002	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	013ABB22	00000004	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	01C443AA	00000008	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	00D754BA	00000011	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	005F0C0E	00000023	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	0170EAB6	00000046	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	003CA2D2	0000008D	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	0112783E	0000011A	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	0173BDE2	00000234	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	0036492A	00000469	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	0110C4FE	000008D2	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	018A5742	000011A4	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	006378FA	00002349	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	01782A6E	00004692	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	003F2242	00008D25	0	00000000	FFFFFFF	0158994C	00000001	12000000
P11	00000000	012F771E	00011A4A	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	01AFB9A2	0002349A	0	00000000	00000000	00A766B3	00000000	12000000
P11	00000000	00AA44AA	00046929	0	00000000	FFFFFFF	0158994C	00000001	12000000

00270

SIGMA LOGIC SIMULATION, FDS, CASE 0006									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	0005B8EE	0008D253	0	00000000	FFFFFFF	0158994C	00000001	12000000
P12	0011A4A6	00000000	0008D253	0	00000000	00000000	00000000	FFFFFFF	12FFFFFF
P13	5211A4A6	00000000	0008D253	0	00000000	00000000	00000000	00000000	12000000
P15	5211A4A6	00000000	0008D253	0	00000000	00000000	00000000	00000000	00000000

00271

SIGMA LOGIC SIMULATION, FDS, CASE 0007									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	37DA99F6	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	37DA99E6	00000000	37DA99E6	0	00000000	00000000	00000000	FF000000	00000000
P02	37000000	00DA99E6	37DA99E6	0	00000000	A5F239E6	01F239E6	01000000	00000000
P03	00000000	00DA99E6	37DA99E6	0	00DA99E6	00000000	00000000	00000000	DD000000
P04	00000000	00DA99E6	00000000	0	00DA99E6	00000000	000DC619	00000000	DD000000
P06	00000000	00DC6190	00000000	0	00DA99E6	00000000	000DC619	00000000	DE000000
P07	00000000	00DC6190	00000000	0	00DA99E6	00000000	000DC619	00000000	DE000000
P08	00000000	00DA99E6	00000000	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P09	00000000	01B533CC	00000000	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	01B1A478	00000001	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	01AA8500	00000003	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	019C4880	00000007	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	017FCDE0	0000000F	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	0146D9A0	0000001F	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	00D4EE20	0000003F	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	01F11920	0000007E	0	00000000	00000000	00DC6190	00000000	DE000000
P11	00000000	019AF560	000000FD	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	017D27A0	000001FF	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	01418C20	000003FF	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	00CA5520	000007FF	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	01DBE720	00000FDE	0	00000000	00000000	00DC6190	00000000	DE000000
P11	00000000	01709160	00001FBD	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	012A5FA0	00003F7B	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	0097FC20	00007EFF	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	01773520	0000FDEE	0	00000000	00000000	00DC6190	00000000	DE000000
P11	00000000	00A72060	0001FBDD	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	019597A0	0003F7BA	0	00000000	00000000	00DC6190	00000000	DE000000

00272

SIGMA LOGIC SIMULATION, FDS, CASE 0007									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	00E3F960	0007EF75	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	00FE21A0	000FDEFB	0	00000000	FFFFFFFF	01239E6F	00000001	DE000000
P11	00000000	00658020	001F8006	0	00000000	00000000	00DC6190	00000000	DE000000
P11	00000000	00A30360	003F78AC	0	00000000	00000000	00DC6190	00000000	DE000000
P11	00000000	00C049E0	007EF758	0	00000000	00000000	00DC6190	00000000	DE000000
P12	00FDEFB0	00000000	007EF758	0	00000000	00000000	00000000	FFFFFFFF	DEFFFFFF
P13	1EFDDEB0	00000000	007EF758	0	00000000	00000000	00000000	00000000	DE000000
P15	1EFDDEB0	00000000	007EF758	0	00000000	00000000	00000000	00000000	DE000000

00273

SIGMA LOGIC SIMULATION, FDS, CASE 0008									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	28FDD84E	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	28FDD84E	00000000	28FDD84E	0	00000000	00000000	00000000	FF000000	00000000
P02	28000000	00FDD84E	28FDD84E	0	00000000	E5E0159F	01E0159F	01000000	00000000
P03	00000000	00FDD84E	28FDD84E	0	00FDD84E	00000000	00000000	00000000	0E000000
P04	00000000	00FDD84E	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0E000000
P09	00000000	01FBB09C	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0E000000
P10	00000000	001FBB09	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	80000000	01FFA153	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	003F1767	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	003E5A0E	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	003CDF5C	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	0039E9F8	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	0033FF30	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	002829A0	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	00107F80	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	01E12R40	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	00022540	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	01C475C0	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	01C8C040	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	01D15540	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	01E27F40	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	0004D340	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	01C9D1C0	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	01D37R40	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	01F6C540	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	00005F40	00000000	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P11	00000000	01D4E9C0	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	01F5A840	00000000	0	00000000	00000000	001FEA60	00000000	0F000000
P11	00000000	002B2540	001FD089	0	00000000	FFFFFFF	01E0159F	00000000	0F000000

00274

SIGMA LOGIC SIMULATION, FDS, CASE 0008									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P11	00000000	001675C0	003FA113	0	00000000	FFFFFFF	01E0159F	00000000	0F000000
P12	007F4226	00000000	003FA113	0	00000000	00000000	00000000	FFFFFFF	0FFFFFFF
P13	4F7F4226	00000000	003FA113	0	00000000	00000000	00000000	00000000	0F000000
P15	4F7F4226	00000000	003FA113	0	00000000	00000000	00000000	00000000	00000000

00275

SIGMA LOGIC SIMULATION, FDS, CASE 0009									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	8508753F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	8508753F	00000000	8508753F	0	00000000	00000000	00000000	FF000000	00000000
P02	7A000000	0108753F	7A08753F	0	00000000	BCF6CDE7	01F6CDE7	01000000	00000000
P03	00000000	0108753F	7A08753F	0	0108753F	00000000	00000000	FFFFFFF	37FFFFFF
P04	00000000	00F78AC1	00000000	0	00F78AC1	00000000	00093218	00000000	37000000
P06	00000000	00932180	00000000	0	00F78AC1	00000000	00093218	00000000	38000000
P07	00000000	00932180	00000000	0	00F78AC1	00000000	00093218	00000000	38000000
P08	00000000	00F78AC1	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	38000000
P09	00000000	01FF1582	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	38000000
P10	20000000	001EF158	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	40000000	01179FB0	00000000	0	00000000	00000000	00932180	00000000	39000000
P11	80000000	01558260	00000000	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	010147C1	00000000	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	00C0D282	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	006B6204	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	01508108	00000000	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	00874510	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	01F84720	00000000	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	00F6D140	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	00C75F80	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	00687C00	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	01A4B500	00000000	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	007AD000	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	01011700	00000000	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	00C87100	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	006A9F00	00000000	0	00000000	FFFFFFF	016CDE7F	00000001	39000000

00276

SIGMA LOGIC SIMULATION, FDS, CASE 0009									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	01AFFE00	000035D6	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	00843900	000068AD	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	01F22F00	0000075A	0	00000000	00000000	00932180	00000000	39000000
P11	00000000	00FAA100	0001AEB5	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	00AFFE00	000035D6	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	0037B900	000068AD	0	00000000	FFFFFFF	016CDE7F	00000001	39000000
P11	00000000	01493900	000075AE	0	00000000	00000000	00932180	00000000	39000000
P12	001AE500	00000000	000075AE	0	00000000	00000000	00000000	FFFFFFF	39FFFFFF
P13	79E514A4	01FFFFFF	000075AE	0	00000000	00000000	00000000	FF000000	39000000
P15	86E514A4	01FFFFFF	000075AE	0	00000000	00000000	00000000	00000000	00000000

00277

SIGMA LOGIC SIMULATION, FDS, CASE 0010									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	585F8073	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	585F8073	00000000	585F8073	0	00000000	00000000	00000000	FF000000	00000000
P02	58000000	005F8073	585F8073	0	00000000	CB07BFCE	01D7BFCE	01000000	00000000
P03	00000000	005F8073	585F8073	0	005F8073	00000000	00000000	00000000	24000000
P04	00000000	005F8073	00000000	0	00000000	FFFFFFFF	01D7BFCE	00000001	24000000
P09	00000000	00BF00E6	00000000	0	00000000	FFFFFFFF	01D7BFCE	00000001	24000000
P10	60000000	000BF00E	00000000	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	01C75FBA	00000000	0	00000000	00000000	00284031	00000000	25000000
P11	80000000	010F3FD7	00000000	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	000F0011	00000001	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	01007F00	00000002	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	01E87FE2	00000004	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	00278026	00000009	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	01FF7FEA	00000012	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	00408036	00000025	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	004A800A	00000048	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	00447F62	00000097	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	00387F02	0000012F	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	002070A2	0000025F	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	01F07AE2	000004BE	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	00317626	00000970	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	001268EA	000012FB	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	01D45772	000025F6	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	01F92F46	000048EC	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	00420FFE	00009709	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	0035307A	00012FB3	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	0019FA92	00025FA7	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000
P11	00000000	01E374C2	00048ECF	0	00000000	00000000	00284031	00000000	25000000
P11	00000000	001769F6	00097090	0	00000000	FFFFFFFF	01D7BFCE	00000001	25000000

00278

SIGMA LOGIC SIMULATION, FDS, CASE 0010									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	01DE536A	0012FB3A	0	00000000	00000000	00284031	00000000	25000000
P12	6525F675	00000000	0012FB3A	0	00000000	00000000	00000000	FFFFFFFF	25FFFFFF
P13	6525F675	00000000	0012FB3A	0	00000000	00000000	00000000	00000000	25000000
P15	6525F675	00000000	0012FB3A	0	00000000	00000000	00000000	00000000	00000000

00279

SIGMA LOGIC SIMULATION, FDS, CASE 0011									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	4906BCA8	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	4906BCA8	00000000	4906BCA8	0	00000000	00000000	00000000	FF000000	00000000
P02	49000000	0006BCA8	4906BCA8	0	00000000	B1F3F65A	01F3F65A	01000000	00000000
P03	00000000	0006BCA8	4906BCA8	0	0006BCA8	00000000	00000000	00000000	F8000000
P04	00000000	006BCA80	00000000	0	00000000	00000000	01F3F65A	00000000	FA000000
P05	00000000	006BCA80	00000000	0	006BCA80	00000000	01F3F65A	00000000	FA000000
P06	00000000	013F65A0	00000000	0	006BCA80	00000000	01F3F65A	00000000	F8000000
P07	00000000	013F65A0	00000000	0	006BCA80	00000000	01F3F65A	00000000	F8000000
P08	00000000	006BCA80	00000000	0	00000000	00000000	013F65A0	00000000	F8000000
P09	00000000	00079500	00000000	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	002DF540	00000001	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	00DAB5C0	00000002	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	0136A040	00000004	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	01FE7540	00000008	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	015E1F40	00000011	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	013809C0	00000023	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	00F4DFC0	00000047	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	006888C0	0000008F	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	014F00C0	0000011E	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	0020EF40	00000230	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	0000A7C0	0000047A	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	01028440	000008F4	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	01863040	000011F8	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	008DAF40	000023C1	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	019A29C0	000047A2	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	00B58840	00008F45	0	00000000	00000000	013F65A0	00000000	F8000000

00280

SIGMA LOGIC SIMULATION, FDS, CASE 0011									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	01E909C0	00011F8A	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	0154E040	00023F15	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	0128A3C0	00047A2B	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	000012C0	0008F457	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	001FF0C0	0011F4AF	0	00000000	00000000	013F65A0	00000000	F8000000
P11	00000000	008CACC0	0023015F	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P11	00000000	00FA8F40	0047A2BC	0	00000000	FFFFFFFF	00C09A5F	00000001	F8000000
P12	000F4578	00000000	0047A2BC	0	00000000	00000000	00000000	FFFFFFFF	F8FFFFFF
P13	3B70BA88	01FFFFFF	0047A2BC	0	00000000	00000000	00000000	FF000000	F8000000
P15	C470BA88	01FFFFFF	0047A2BC	0	00000000	00000000	00000000	00000000	00000000

00281

SIGMA LOGIC SIMULATION, FDS, CASE 0012									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	9CFFF53F	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	9CFFF53F	00000000	9CFFF53F	0	00000000	00000000	00000000	FF000000	00000000
P02	63000000	01FFF53F	63FFF53F	0	00000000	B6FFF502	01FFF502	01000000	00000000
P03	00000000	01FFF53F	63FFF53F	0	01FFF53F	00000000	00000000	FFFFFFF	1AFFFFFF
P04	00000000	000AC10	00000000	0	00000000	00000000	0000AFD	00000000	19000000
P05	00000000	000AC100	00000000	0	00000000	00000000	0000AFD	00000000	18000000
P05	00000000	00AC1000	00000000	0	00000000	00000000	0000AFD	00000000	17000000
P05	00000000	00AC1000	00000000	0	00AC1000	00000000	0000AFD	00000000	17000000
P06	00000000	0000AFD0	00000000	0	00AC1000	00000000	0000AFD	00000000	18000000
P07	00000000	000AFD00	00000000	0	00AC1000	00000000	0000AFD	00000000	19000000
P07	00000000	00AFD000	00000000	0	00AC1000	00000000	0000AFD	00000000	1A000000
P07	00000000	00AFD000	00000000	0	00AC1000	00000000	0000AFD	00000000	1A000000
P08	00000000	00AC1000	00000000	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P09	00000000	01582000	00000000	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	0150A000	00000001	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	0141A000	00000003	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	0123A000	00000007	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	00E7A000	0000000F	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	006FA000	0000001F	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	017FA000	0000003E	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	005EE000	0000007D	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	015E2000	000000FA	0	00000000	00000000	0CAF0000	00000000	1A000000

00282

SIGMA LOGIC SIMULATION, FDS, CASE 0012									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	0018E000	000001F5	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	00082000	000003EA	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	010FE000	000007D4	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	017F6000	00000FA8	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	005F6000	00001F51	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	01502000	00003EA2	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	0019E000	00007D45	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	00D42000	0000FABA	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	0107F000	0001F514	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	016F6000	0003EA28	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	003F6000	0007D451	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	01102000	000FA8A2	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	0199E000	001F5144	0	00000000	00000000	0CAF0000	00000000	1A000000
P11	00000000	00936000	003EA289	0	00000000	FFFFFFF	01502FFF	00000001	1A000000
P11	00000000	0107E000	007D4512	0	00000000	00000000	0CAF0000	00000000	1A000000
P12	00FA8A25	00000000	007D4512	0	00000000	00000000	00000000	FFFFFFF	1AFFFFFF
P13	5A05750B	01FFFFFF	007D4512	0	00000000	00000000	00000000	FF000000	1A000000
P15	A505750B	01FFFFFF	007D4512	0	00000000	00000000	00000000	00000000	00000000

00283

SIGMA LOGIC SIMULATION, FDS, CASE 0013									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	80FFFFFF5	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	80FFFFFF5	00000000	80FFFFFF5	0	00000000	00000000	00000000	FF000000	00000000
P02	7F000000	01FFFFFF5	7FFFFFFF5	0	00000000	93FFFFFF8	01FFFFFF8	01000000	00000000
P03	00000000	01FFFFFF5	7FFFFFFF5	0	01FFFFFF5	00000000	00000000	FFFFFFF8	13FFFFFF
P04	00000000	000000B0	00000000	0	00000000	00000000	01FFFFFF8	00000000	12000000
P05	00000000	000000B0	00000000	0	00000000	00000000	01FFFFFF8	00000000	11000000
P05	00000000	000000B0	00000000	0	00000000	00000000	01FFFFFF8	00000000	10000000
P05	00000000	000000B0	00000000	0	00000000	00000000	01FFFFFF8	00000000	0F000000
P05	00000000	000000B0	00000000	0	00000000	00000000	01FFFFFF8	00000000	0E000000
P05	00000000	000000B0	00000000	0	00000000	00000000	01FFFFFF8	00000000	0D000000
P06	00000000	01FFFF80	00000000	0	00000000	00000000	01FFFFFF8	00000000	0C000000
P07	00000000	01FFFF80	00000000	0	00000000	00000000	01FFFFFF8	00000000	10000000
P07	00000000	01FF8000	00000000	0	00000000	00000000	01FFFFFF8	00000000	11000000
P07	00000000	01FR0000	00000000	0	00000000	00000000	01FFFFFF8	00000000	12000000
P07	00000000	01800000	00000000	0	00000000	00000000	01FFFFFF8	00000000	13000000
P07	00000000	01800000	00000000	0	00000000	00000000	01FFFFFF8	00000000	13000000
P08	00000000	00000000	00000000	0	00000000	00000000	01800000	00000000	13000000
P09	00000000	01600000	00000000	0	00000000	00000000	01800000	00000000	13000000

00284

SIGMA LOGIC SIMULATION, FDS, CASE 0013									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P10	00000000	00160000	00000000	0	00000000	00000000	01800000	00000000	14000000
P11	00000000	01200000	00000000	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01580000	00000000	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01100000	00000000	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	00500000	00000001	0	00000000	00000000	01800000	00000000	14000000
P11	00000000	01200000	00000002	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	00000000	00000005	0	00000000	00000000	01800000	00000000	14000000
P11	00000000	00000000	00000008	0	00000000	00000000	01800000	00000000	14000000
P11	00000000	01000000	00000016	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000020	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000058	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000080	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000160	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000200	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000580	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000800	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00002000	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00005800	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00008000	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	0000B000	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P11	00000000	01000000	00000000	0	00000000	FFFFFFF8	007FFFFFFF	00000000	14000000
P12	00160000	00000000	01000000	0	00000000	00000000	00000000	FFFFFFF8	14FFFFFF
P13	54160000	00000000	00000000	0	00000000	00000000	00000000	00000000	14000000
P15	54160000	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000

00285

SIGMA LOGIC SIMULATION, FDS, CASE 0014									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
PPR	AC67F6A8	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	AC67F6A8	00000000	AC67F6A8	0	00000000	00000000	00000000	FF000000	00000000
P02	53000000	0167F6A8	5367F6A8	0	00000000	E7BA833E	01BA833E	01000000	00000000
P03	00000000	0167F6A8	5367F6A8	0	0167F6A8	00000000	00000000	FFFFFFF	3BFFFFFF
P04	00000000	00980958	00000000	0	00000000	FFFFFFF	01BA833E	00000001	3B000000
P09	00000000	013012B0	00000000	0	00000000	FFFFFFF	01BA833E	00000001	3B000000
P10	00000000	0013012B	00000000	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	019B08D4	00000000	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	01C10B2A	00000000	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	000D0FD6	00000001	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	018F262A	00000002	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	01A945D6	00000004	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	01D0852E	00000008	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	004603DE	00000011	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	00010E3A	00000023	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	C17722F2	00000046	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	01793F66	0000008C	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	017D784E	00000118	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	0185EA1E	00000230	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	0196CDBE	00000460	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	01B894FE	000008C0	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	01FC237E	00001180	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	0083407E	00002301	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	007B877A	00004603	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	006C1572	00008C07	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	004D3162	0001180F	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	000F6942	0002301F	0	00000000	FFFFFFF	01BA833E	00000001	3C000000
P11	00000000	0193D902	0004603E	0	00000000	00000000	00457CC1	00000001	3C000000
P11	00000000	01B2A886	0008C07C	0	00000000	00000000	00457CC1	00000001	3C000000

00286

SIGMA LOGIC SIMULATION, FDS, CASE 0014									
TIME	A REGISTER	AIREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CSIREGISTER
P11	00000000	01F0508E	001180F8	0	00000000	00000000	00457CC1	00000001	3C000000
P12	002301F1	00000000	001180F8	0	00000000	00000000	00000000	FFFFFFF	3CFFFFFF
P13	7C0CFE0F	01FFFFFF	001180F8	0	00000000	00000000	00000000	FF000000	3C000000
P15	830CFE0F	01FFFFFF	001180F8	0	00000000	00000000	00000000	00000001	00000000

00287

SIGMA LOGIC SIMULATION, FDS, CASE 0015									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
PPR	72963D9E	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	72963D9E	00000000	72963D9E	0	00000000	00000000	00000000	FF000000	00000000
P02	72000000	0096309E	72963D9E	0	00000000	9EC9AB85	01C9AB85	01000000	00000000
P03	00000000	0096309E	72963D9E	0	00963D9E	00000000	00000000	00000000	11000000
P04	00000000	0096309E	00000000	0	00000000	FFFFFFFF	01C9AB85	00000001	11000000
P09	00000000	01207B3C	00000000	0	00000000	FFFFFFFF	01C9AB85	00000001	11000000
P10	00000000	001207B3	00000000	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	80000000	0158E673	00000000	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	01DE75DB	00000000	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	002994AA	00000001	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	01E68060	00000002	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	0039A9B4	00000005	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	0006AA74	0000000B	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	01A7ABF4	00000016	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	01AE00DC	0000002C	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	01C8AAAC	00000058	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	01F0FE4C	000000B0	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	0068A58C	00000161	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	0064A224	000002C3	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	005C9B54	00000587	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	004C8DB4	00000B0F	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	002C7274	0000161F	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	01E03BF4	00002C3E	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	0045200C	0000587D	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	00109AC4	000080FB	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	01CF8894	000161F6	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	0009B41C	0002C3ED	0	00000000	FFFFFFFF	01C9AB85	00000001	12000000
P11	00000000	01A6C344	000587DA	0	00000000	00000000	0036547A	00000000	12000000
P11	00000000	01BA3F7C	000B0FB4	0	00000000	00000000	0036547A	00000000	12000000

00288

SIGMA LOGIC SIMULATION, FDS, CASE 0015									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	BIREGISTER	D REGISTER	DIREGISTER	CS REGISTER	CS'REGISTER
P11	00000000	011277EC	00161F48	0	00000000	00000000	0036547A	00000000	12000000
P12	00000000	00000000	00161F48	0	00000000	00000000	00000000	FFFFFFFF	12FFFFFF
P13	522C3F01	00000000	00161F48	0	00000000	00000000	00000000	00000000	12000000
P15	522C3F01	00000000	00161F48	0	00000000	00000000	00000000	00000000	00000000

00289

SIGMA LOGIC SIMULATION, FDS, CASE 0016									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	8D8E2FD4	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	8D8E2FD4	00000000	8D8E2FD4	0	00000000	00000000	00000000	FF000000	00000000
P02	72000000	018E2FD4	728E2FD4	0	00000000	AFA041E6	01A041E6	01000000	00000000
P03	00000000	018E2FD4	728E2FD4	0	018E2FD4	00000000	00000000	FFFFFFF	22FFFFFF
P04	00000000	0071D02C	00000000	0	00000000	00000000	01A041E6	00000000	22000000
P09	00000000	00E3A058	00000000	0	00000000	00000000	01A041E6	00000000	22000000
P10	80000000	00CF3A05	00000000	0	00000000	00000000	01A041E6	00000000	23000000
P11	00000000	015CF7D7	00000000	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	017960E2	00000000	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	018253F8	00000000	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	00242424	00000001	0	00000000	00000000	01A041E6	00000000	23000000
P11	00000000	0188CC14	00000002	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	01D1145C	00000004	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	0061A4EC	00000009	0	00000000	00000000	01A041E6	00000000	23000000
P11	00000000	0003C7A4	00000013	0	00000000	00000000	01A041E6	00000000	23000000
P11	00000000	01481F14	00000026	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	014FBA5C	0000004C	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	015F0EC	00000098	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	01705F0C	00000130	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	015A384C	00000260	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	0033F0CC	000004C1	0	00000000	00000000	01A041E6	00000000	23000000
P11	00000000	01A85D64	00000982	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	001036FC	00001305	0	00000000	00000000	01A041E6	00000000	23000000
P11	00000000	0160F1C4	0000260A	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	01815FBC	00004C14	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	01C23BAC	00009828	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	0043F38C	00013051	0	00000000	00000000	01A041E6	00000000	23000000
P11	00000000	01C86AF4	000260A2	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P11	00000000	005051FC	0004C145	0	00000000	00000000	01A041E6	00000000	23000000

00290

SIGMA LOGIC SIMULATION, FDS, CASE 0016									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	01E127C4	0009828A	0	00000000	FFFFFFFF	005FBE19	00000001	23000000
P12	00130515	00000000	0009828A	0	00000000	00000000	00000000	FFFFFFFF	23FFFFFF
P13	63130515	00000000	0009828A	0	00000000	00000000	00000000	00000000	23000000
P15	63130515	00000000	0009828A	0	00000000	00000000	00000000	00000000	00000000

00291

SIGMA LOGIC SIMULATION, FDS, CASE 0017									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	67284031	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	67284031	00000000	67284031	0	00000000	00000000	00000000	FF000000	00000000
P02	67000000	00284031	67284031	0	00000000	A70A7F8C	010A7F8C	01000000	00000000
P03	00000000	00284031	67284031	0	00284031	00000000	00000000	00000000	0F000000
P04	00000000	00284031	00000000	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P09	00000000	00508062	00000000	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	00B5FFDE	00000000	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	015700A2	00000000	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	0099022A	00000001	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	0147036E	00000002	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	007907C2	00000005	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	01070E9E	0000000A	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	01F91E22	00000014	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	01DD3D2A	00000029	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	01CF796E	00000053	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	01B3F1F6	000000A7	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	017CE306	0000014F	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	010EC526	0000029F	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	00328966	0000053F	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	007A11E6	00000A7E	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	000F24E2	000014FC	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	01A94A4A	000029F8	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	013D957A	000053F1	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	00902A0E	0000A7E3	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	01355336	00014FC6	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	0058A752	00029F8D	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000
P11	00000000	00C047BE	00053F1A	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	016B9C62	000A7E34	0	00000000	00000000	00F58073	00000000	0F000000
P11	00000000	00C239AA	0014FC69	0	00000000	FFFFFFFF	010A7F8C	00000001	0F000000

00292

SIGMA LOGIC SIMULATION, FDS, CASE 0017									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P12	4F29F8D2	00000000	0014FC69	0	00000000	00000000	00000000	FFFFFFFF	0FFFFFFF
P13	4F29F8D2	00000000	0014FC69	0	00000000	00000000	00000000	00000000	0F000000
P15	4F29F8D2	00000000	0014FC69	0	00000000	00000000	00000000	00000000	00000000

00293

SIGMA LOGIC SIMULATION, FDS, CASE 0018									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	B1REGISTER	D REGISTER	D1REGISTER	CS REGISTER	CS1REGISTER
PPR	B132F65A	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	B132F65A	00000000	B132F65A	0	00000000	00000000	00000000	FF000000	00000000
P02	4E000000	0132F65A	4F32F65A	0	00000000	D265BCA9	0165BCA9	01000000	00000000
P03	00000000	0132F65A	4E32F65A	0	0132F65A	00000000	00000000	FFFFFFF	21FFFFFF
P04	00000000	00C009A6	00000000	0	00000000	00000000	0165BCA9	00000000	21000000
P09	00000000	019A134C	00000000	0	00000000	00000000	0165BCA9	00000000	21000000
P10	00000000	0019A134	00000000	0	00000000	00000000	0165BCA9	00000000	22000000
P11	80000000	00FE8BBB	00000000	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	0131FF25	00000000	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	019882F8	00000000	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	00658C9E	00000001	0	00000000	00000000	0165BCA9	00000000	22000000
P11	00000000	0196928E	00000002	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	0061ABCA	00000005	0	00000000	00000000	0165BCA9	00000000	22000000
P11	00000000	018ED0F6	0000000A	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	0052287A	00000015	0	00000000	00000000	0165BCA9	00000000	22000000
P11	00000000	016FCA46	0000002A	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	0014183A	00000055	0	00000000	00000000	0165BCA9	00000000	22000000
P11	00000000	00F3AFC6	000000AA	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	011BE63A	00000154	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	016C5322	000002A8	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	000D2CF2	00000551	0	00000000	00000000	0165BCA9	00000000	22000000
P11	00000000	00E5D336	00000AA2	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	0100271A	00001544	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	0134E7E2	00002A88	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	019E4872	00005510	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	00711792	0000AA21	0	00000000	00000000	0165BCA9	00000000	22000000
P11	00000000	01ADA876	00015442	0	00000000	FFFFFFF	009A4356	00000001	22000000
P11	00000000	008FD79A	0002A885	0	00000000	00000000	0165BCA9	00000000	22000000
P11	00000000	01EB2886	0005510A	0	00000000	FFFFFFF	009A4356	00000001	22000000

00294

SIGMA LOGIC SIMULATION, FDS, CASE 0018									
TIME	A REGISTER	AIRREGISTER	B REGISTER	BC31	B1REGISTER	D REGISTER	D1REGISTER	CS REGISTER	CS1REGISTER
P11	00000000	010AD7BA	00CAA215	0	00000000	00000000	0165BCA9	00000000	22000000
P12	0015442B	00000000	00CAA215	0	00000000	00000000	00000000	FFFFFFF	22FFFFFF
P13	6215442B	00000000	00CAA215	0	00000000	00000000	00000000	00000000	22000000
P15	6215442B	00000000	00CAA215	0	00000000	00000000	00000000	00000000	00000000

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SIGMA LOGIC SIMULATION, FDS, CASE 0019									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
PPR	49A80AFD	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	49A80AFD	00000000	49A80AFD	0	00000000	00000000	00000000	FF000000	00000000
P02	49000000	00A80AFD	49A80AFD	0	00000000	CFCF7C1C	01CF7C1C	01000000	00000000
P03	00000000	00A80AFD	49A80AFD	0	00A80AFD	00000000	00000000	00000000	19000000
P04	00000000	00A80AFD	00000000	0	00000000	00000000	01CF7C1C	00000000	19000000
P09	00000000	015015FA	00000000	0	00000000	00000000	01CF7C1C	00000000	19000000
P10	A0000000	0015015F	00000000	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	40000000	01C8FAF7	00000000	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	80000000	01F2F0B6	00000000	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	00470335	00000001	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	002CFFA2	00000003	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	01FRF57C	00000006	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	0052F7C0	0000000D	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	0044D0B8	0000001B	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	0028B3A8	00000037	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	01F05F88	0000006E	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	0041C6D8	000000DD	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	002285E8	000001B8	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	01F404C8	00000376	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	00290FD8	000006ED	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	01F117E8	00000D9A	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	00433798	00001B85	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	00256768	00003768	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	01E9C708	00006E96	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	00349508	0000DDAD	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	000823E8	0001B85B	0	00000000	00000000	01CF7C1C	00000000	1A000000
P11	00000000	01AF4008	00037686	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	01BF87D8	0006EDAC	0	00000000	FFFFFFFF	003083E3	00000001	1A000000
P11	00000000	01E01778	000DBA78	0	00000000	FFFFFFFF	003083E3	00000001	1A000000

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SIGMA LOGIC SIMULATION, FDS, CASE 0019									
TIME	A REGISTER	A REGISTER	B REGISTER	BC31	B REGISTER	D REGISTER	D REGISTER	CS REGISTER	CS REGISTER
P11	00000000	002134B8	0018B591	0	00000000	00000000	01CF7C1C	00000000	1A000000
P12	00376862	00000000	0018B591	0	00000000	00000000	00000000	FFFFFFFF	1AFFFFFF
P13	5AC8949E	01FFFFFF	0018B591	0	00000000	00000000	00000000	FF000000	1A000000
P15	A5C8949E	01FFFFFF	0018B591	0	00000000	00000000	00000000	00000000	00000000

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SIGMA LOGIC SIMULATION, FDS, CASE 0020									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
PPR	81659CC1	00000000	00000000	0	00000000	00000000	00000000	00000000	00000000
P01	81659CC1	00000000	81659CC1	0	00000000	00000000	00000000	FF000000	00000000
P02	7E000000	01659CC1	7E659CC1	0	00000000	B4980A57	01980A57	01000000	00000000
P03	00000000	01659CC1	7E659CC1	0	01659CC1	00000000	00000000	FFFFFFF	33FFFFFF
P04	00000000	009A633F	00000000	0	00000000	FFFFFFF	01980A57	00000001	33000000
P09	00000000	0134C67E	00000000	0	00000000	FFFFFFF	01980A57	00000001	33000000
P10	E0000000	00134C67	00000000	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	C0000000	0156A07F	00000000	0	00000000	00000000	0067F5A8	00000000	34000000
P11	80000000	017D464F	00000000	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	01CA77EF	00000000	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	0064D92E	00000001	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	01F9CB0C	00000002	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	00C38168	00000005	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	00B71780	00000008	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	009E43B0	00000017	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	006C9C10	0000002F	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	00094CD0	0000005F	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	0142AF50	0000008E	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	015647F0	0000017C	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	017A7330	000002F8	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	01C4E1B0	000005FC	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	0059AEB0	00000BF1	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	01E37210	000017C2	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	0096CF70	00002F85	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	005DB390	00005F08	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	01ER7800	0000BE16	0	00000000	00000000	0067F5A8	00000000	34000000
P11	00000000	00A6F2F0	00017C7D	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	0070DA90	0002F858	0	00000000	FFFFFFF	01980A57	00000001	34000000
P11	00000000	002BC9D0	0005F0B7	0	00000000	FFFFFFF	01980A57	00000001	34000000

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SIGMA LOGIC SIMULATION, FDS, CASE 0020									
TIME	A REGISTER	A'REGISTER	B REGISTER	BC31	B'REGISTER	D REGISTER	D'REGISTER	CS REGISTER	CS'REGISTER
P11	00000000	0127A850	000BF16E	0	00000000	00000000	0067F5A8	00000000	34000000
P12	0017C200	00000000	000BE16E	0	00000000	00000000	00000000	FFFFFFF	34FFFFFF
P13	74FR3024	01FFFFFF	000BE16E	0	00000000	00000000	00000000	FF000000	34000000
P15	88FR3024	01FFFFFF	000BE16E	0	00000000	00000000	00000000	00000000	00000000