

# PUNCH ELECTRONIC PARTS LIST

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## O.E.M. PRODUCTS DIVISION

AUTOMATED BUSINESS SYSTEMS, A DIVISION OF LITTON INDUSTRIES  
600 WASHINGTON AVENUE, CARLSTADT, N. J. 07072

PUNCH ELECTRONIC PARTS LIST

Punch Printed Circuit Card Assembly - Part No. 1632-00053  
 (With Red Numeral 1 Identification)

<u>Resistor</u>	<u>Part No.</u>	<u>Value</u>	<u>Resistor</u>	<u>Part No.</u>	<u>Value</u>
R1	1A8-1476	820 OHMS	R33	1A8-1343	4.7 K
R2	1A8-1344	3.3 K	R34	1A8-1287	330 OHMS 2W
R3	1A8-1036	56 K	R35	1A8-1536	180 OHMS
R4	1A8-1476	820 OHMS	R36	1A8-1295	1 K
R5	1A8-1344	3.3 K	R38	1A8-1295	1 K
R6	1A8-1036	56 K	R39	1A8-1295	1 K
R7	1A8-1476	820 OHMS	R40	1A8-1344	3.3 K
R8	1A8-1344	3.3 K	R41	1A8-1596	180 OHMS 3W*
R9	1A8-1036	56 K	R42	1A8-1295	1 K
R10	1A8-1476	820 OHMS	R43	1A8-1343	4.7 K
R11	1A8-1344	3.3 K	R45	1A8-1475	1.2 K
R13	1A8-1476	820 OHMS	R46	1A8-1363	8.2 K
R14	1A8-1344	3.3 K	R47	1A8-1363	8.2 K
R16	1A8-1476	820 OHMS	R48	1A8-1295	1 K
R17	1A8-1344	3.3 K	R49	1A8-1295	1 K
R19	1A8-1476	820 OHMS	R50	1A8-1344	3.3 K
R20	1A8-1344	3.3 K	R51	1A8-1295	1 K
R22	1A8-1476	820 OHMS	R52	1A8-1457	1.5 K
R23	1A8-1344	3.3 K	R53	1A8-1344	3.3 K
R24	1A8-1295	1 K	R54	1A8-1363	8.2 K
R25	1A8-1343	4.7 K	R61	1A8-1507	470 OHMS
R26	1A8-1452	82 OHMS	R62	1A8-1286	680 OHMS
R27	1A8-1977	390 OHMS	R63	1A8-1629	68 OHMS 10W*
R31	1A8-1457	1.5 K	R64	1A8-1570	470 OHMS 1W
R32	1A8-1508	1.8 K			

  

<u>Transistor</u>	<u>Part No.</u>	<u>Type</u>	<u>Transistor</u>	<u>Part No.</u>	<u>Type</u>
TR1 thru 9	1A8-1579	2N1373	TR14	1A8-1577	2N1372
TR10	1A8-1551	2N1038	TR15	1A8-1577	2N1372
TR11	1A8-1551	2N1038	TR17	1A8-1577	2N1372
TR12	1A8-1551	2N1038	TR18	1A8-1577	2N1372
TR13	1A8-1577	2N1372			

  

<u>Diode</u>	<u>Part No.</u>	<u>Type</u>	<u>Diode</u>	<u>Part No.</u>	<u>Type</u>
CR1 thru 8	1A8-1317	UT111	CR21	1A8-1578	CTP462
CR16 thru 18	1A8-1317	UT111	CR24 thru 32	1A8-1578	CTP462

  

<u>Capacitor</u>	<u>Part No.</u>	<u>Value</u>	<u>Capacitor</u>	<u>Part No.</u>	<u>Value</u>
C1	1A8-1575	10 uf 50V	C4	1A8-1538	.1 uf 100V
C2	1A8-1575	10 uf 50V	C5	1A8-1513	.33 uf 50V
C3	1A8-1538	.1 uf 100V	C7	1A8-1630	50 uf 25V

\* Indicates  $\pm 5\%$  - all other values  $\pm 10\%$ .

PUNCH ELECTRONIC PARTS LIST

Punch Printed Circuit Card Assembly - Part No. 1632-00052  
 (Without Red Numeral 1 Identification)

<u>Resistor</u>	<u>Part No.</u>	<u>Value</u>	<u>Resistor</u>	<u>Part No.</u>	<u>Value</u>
R1	1A8-1476	820 OHMS	R34	1A8-1570	470 OHMS 1W
R2	1A8-1344	3.3 K	R35	1A8-1362	270 OHMS
R4	1A8-1476	820 OHMS	R36	1A8-1457	1.5 K
R5	1A8-1344	3.3 K	R38	1A8-1295	1 K
R7	1A8-1476	820 OHMS	R39	1A8-1295	1 K
R8	1A8-1344	3.3 K	R40	1A8-1500	6.8 K
R10	1A8-1476	820 OHMS	R41	1A8-1596	180 OHMS 3W*
R11	1A8-1344	3.3 K	R42	1A8-1295	1 K
R13	1A8-1476	820 OHMS	R43	1A8-1343	4.7 K
R14	1A8-1344	3.3 K	R45	1A8-1475	1.2 K
R16	1A8-1476	820 OHMS	R46	1A8-1344	3.3 K
R17	1A8-1344	3.3 K	R47	1A8-1363	8.2 K
R19	1A8-1476	820 OHMS	R48	1A8-1295	1 K
R20	1A8-1344	3.3 K	R49	1A8-1295	1 K
R22	1A8-1476	820 OHMS	R50	1A8-1500	6.8 K
R23	1A8-1344	3.3 K	R51	1A8-1295	1 K
R24	1A8-1295	1 K	R52	1A8-1457	1.5 K
R25	1A8-1344	3.3 K	R53	1A8-1500	6.8 K
R26	1A8-1452	82 OHMS	R54	1A8-1363	8.2 K
R27	1A8-1286	680 OHMS	R61	1A8-1507	470 OHMS
R31	1A8-1457	1.5 K	R62	1A8-1286	680 OHMS
R32	1A8-1508	1.8 K	R63	1A8-1629	68 OHMS 10W*
R33	1A8-1343	4.7 K	R64	1A8-1570	470 OHMS 1W

<u>Transistor</u>	<u>Part No.</u>	<u>Type</u>	<u>Transistor</u>	<u>Part No.</u>	<u>Type</u>
TR1 thru 9	1A8-1579	2N1373	TR14	1A8-1577	2N1372
TR10	1A8-1551	2N1038	TR15	1A8-1549	2N1478
TR11	1A8-1549	2N1478	TR17	1A8-1577	2N1372
TR12	1A8-1551	2N1038	TR18	1A8-1577	2N1372
TR13	1A8-1577	2N1372			

<u>Diode</u>	<u>Part No.</u>	<u>Type</u>	<u>Diode</u>	<u>Part No.</u>	<u>Type</u>
CR1 thru 8	1A8-1317	UT111	CR21	1A8-1578	CTP462
CR16 thru 18	1A8-1317	UT111	CR24 thru 31	1A8-1578	CTP462

<u>Capacitor</u>	<u>Part No.</u>	<u>Value</u>	<u>Capacitor</u>	<u>Part No.</u>	<u>Value</u>
C1	1A8-1575	10 uf 50V	C4	1A8-1502	.05 uf 100V
C2	1A8-1575	10 uf 50V	C5	1A8-1513	.33 uf 50V
C3	1A8-1502	.05 uf 100V	C7	1A8-1630	50 uf 25V

\* Indicates  $\pm 5\%$  - all other values  $\pm 10\%$ .

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NOTES