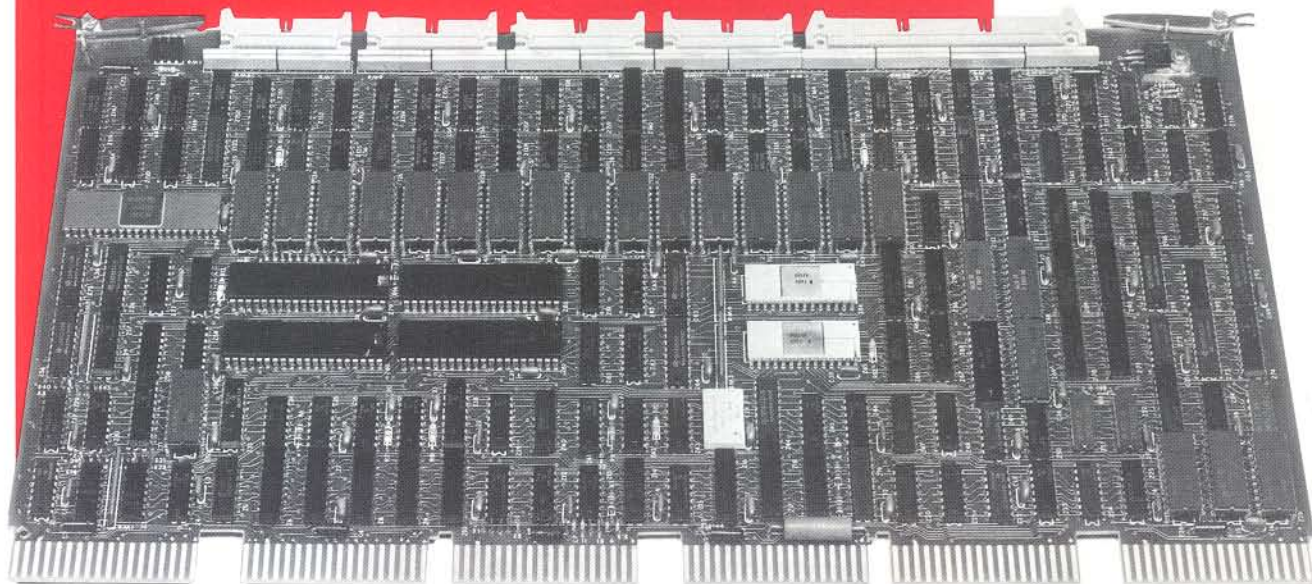


# A FAMILY OF SOFTWARE-COMPATIBLE SMD CONTROLLERS FOR PDP-11 AND LSI-11

**NEW!**

COMPATIBLE WITH  
CDC AND FUJITSU  
160MB MMD



Now you can get all you want from a single family of DEC®-compatible SMD controllers for your PDP®-11 and LSI-11® minicomputers. All the features, all the performance, all the compatibility. And all available now, from Dataram.

It is a proven family, started in mid-1979 with the S33/A, the industry's first DEC-compatible, single-board SMD controller with complete

software compatibility. And evolving to today's eight price-performance leaders — four single-board PDP-11 compatible controllers and four dual-quad LSI-11 controllers, with RM02, RK07, RP06 and RK06 emulation.

All are software compatible with DEC's operating systems and diagnostics...all have the capability to drive up to four SMDs...all have

multiple sector transfers, 2K of data buffering, and built-in self-test capability, standard...and all have operated with SMD drives from Control Data, Fujitsu, Ball Computer, Century Data, and Ampex, with capacities from 80MB to 300MB.

If you need SMD capability for your PDP-11 or LSI-11, one of our family of SMD controllers can fit right in. Call us today.

|        | RM02/05 | RK07  | RP06  | RK06  |
|--------|---------|-------|-------|-------|
| PDP-11 | S33/A   | S33/B | S33/C | S33/D |
| LSI-11 | S03/A   | S03/B | S03/C | S03/D |

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**DATARAM  
CORPORATION**

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### SMD CONTROLLERS

| DEC MINI | DATARAM MODEL NO. | EMULATION | DRIVE INTERFACE | DRIVE CAPACITIES | CONTROLLER MECHANICAL |
|----------|-------------------|-----------|-----------------|------------------|-----------------------|
| LSI-11   | S03/A             | RM02/05   | SMD             | 80MB and 300MB   | TWO DEC QUADS         |
| LSI-11   | S03/A1            | RM02      | SMD             | 80MB and 160MB   | TWO DEC QUADS         |
| LSI-11   | S03/B             | RK07      | SMD             | 80MB and 300MB   | TWO DEC QUADS         |
| LSI-11   | S03/C             | RP06      | SMD             | 200MB and 300MB  | TWO DEC QUADS         |
| LSI-11   | S03/D             | RK06      | CMD             | 96MB             | TWO DEC QUADS         |
| PDP-11   | S33/A             | RM02/05   | SMD             | 80MB and 300MB   | DEC HEX               |
| PDP-11   | S33/A1            | RM02      | SMD             | 80MB and 160MB   | DEC HEX               |
| PDP-11   | S33/B             | RK07      | SMD             | 80MB and 300MB   | DEC HEX               |
| PDP-11   | S33/C             | RP06      | SMD             | 200MB and 300MB  | DEC HEX               |
| PDP-11   | S33/D             | RK06      | CMD             | 96MB             | DEC HEX               |

### CARTRIDGE DISK CONTROLLERS

| DEC MINI | DATARAM MODEL NO. | EMULATION | DRIVE INTERFACE | MAXIMUM DRIVE CAPACITY | MECHANICAL CONFIGURATION |
|----------|-------------------|-----------|-----------------|------------------------|--------------------------|
| LSI-11   | C03               | RK05      | DIABLO 30 or 44 | 20MB                   | DEC QUAD                 |
| PDP-11   | C33               | RK05      | DIABLO 30 or 44 | 20MB                   | DEC QUAD                 |

### DEC-COMPATIBLE CHASSIS

| DEC MINI | DATARAM MODEL NO. | CHASSIS SIZE | VOLTAGES                       | CONFIGURATION  |
|----------|-------------------|--------------|--------------------------------|--|
| LSI-11   | B03               | 5¼"          | +5V, +12, and -12V (Optional)  | EIGHT DEC QUAD SLOTS                                     |
| LSI-11   | B04               | 7"           | +5V, +12V, and -12V (Optional) | EIGHT DEC QUAD SLOTS PLUS TWO TU58 CARTRIDGE TAPE DRIVES |
| LSI-11   | B05               | 10½"         | +5V, +12V, and -12V            | 54 DEC DUAL SLOTS  |
| LSI-11   | BM-1<br>BM-2      | 15¾"         | +5V, +12V, and -12V (Optional) | 11 DEC QUAD SLOTS PLUS UP TO 4.0MB of BULK MEMORY        |
| PDP-11   | DR-414            | 5¼"          | +5V, +15V, and -15V            | NINE HEX SLOTS (2SU)                                     |

### DEC-COMPATIBLE ACCESSORIES

| DEC MINI | DATARAM MODEL NO.             | DESCRIPTION                                   | CHARACTERISTICS   |
|----------|-------------------------------|---|---|
| LSI-11   | P03                           | PARITY CONTROL CARD                           | FUNCTIONALLY EQUIVALENT TO DEC's M7850  |
| LSI-11   | R03                           | BUS REPEATER                                  | ALLOWS FOR OPERATION ABOVE 22 BUS LOADS   |
| LSI-11   | BT03                          | BOOT/CLOCK/TERMINATOR                         | TU10, RK05, RF-11, RJS03, TU58 and RI01 BOOT PROM OPTIONS AVAILABLE                               |
| LSI-11   | P/N 69968                     | NINE SLOT BACKPLANE ASS'Y.                    | Q BUS IN A-B, C-D and E-F CONNECTORS  |
| LSI-11   | P/N 69969                     | NINE SLOT BACKPLANE ASS'Y.                    | Q BUS IN A-B and C-D CONNECTORS<br>"C-D" BUS IN E-F CONNECTORS                                    |
| PDP-11   | P/N 61109<br>and<br>P/N 61108 | MEMORY MANAGEMENT for PDP-11/35 and PDP-11/40 | HEX BOARD PLUS DUAL BOARD WHICH ARE EQUIVALENT TO DEC's MEMORY MANAGEMENT AND STACK LIMIT MODULES |

In addition to the products listed on these pages, Dataram Corporation also offers a number of DEC-manufactured LSI-11 microcomputers and accessories. Among the DEC-manufactured LSI-11 accessories supplied by Dataram are:

|          |          |          |          |         |          |          |
|----------|----------|----------|----------|---------|----------|----------|
| KD11-HA  | MXV11-AC | KEF11-AA | DLV11-E  | DLV11-J | BDV11-AA | REV11-A  |
| KDF11-AA | MRV11-C  | KEV-11   | DLV11-EB | DRV11   | DLV11-F  | MXV11-A2 |