

# **MDB** gets your IBM Series/1 together with more than 30 different line printer models, over 100 different terminals (TTY/RS232 type), or wire wrap for your special requirements.

MDB interfaces provide peripheral variety for the IBM Series/1 computer system. No longer limited to the manufacturer's models, you can select from the almost unlimited peripheral devices available in the minicomputer market. User flexibility is the benefit of MDB interface products.

The MDB Line Printer Controller for IBM Series/1 computers gives total printer capability with no change in system software. Microprocessor controlled, the interface allows maximum data transfer to any printer. The single board module operates in cycle-stealing mode or under Direct Program Control; character code and transfer belt conversion is available to match any printer.

The MDB Serial interface Board provides user flexibility in attachment of the Teletype or equivalent device to the Series/1 computer. This board also permits use of any CRT or similar device through use of RS232 circuitry. The TTY board has RS232, and 422, as well as current loop modes of operation. It is double buffered to minimize data over-run; baud rates of 50 to 19.2K are switch selectable.

Unique interface design requirements are facilitated by the WW72 and WW64 wire wrap boards for Series/1 computers. Up to 72 twenty-pin or 64 sixteen-pin IC posi-

tions are available respectively; numerous other IC size combinations can be developed by the user. These boards include pins in the user wirewrap portion with pads provided for discrete components. The MDB boards can accommodate any .300, .400 or .600 center dual in-line packages; two 40-pin ribbon-cable edge connectors are provided.

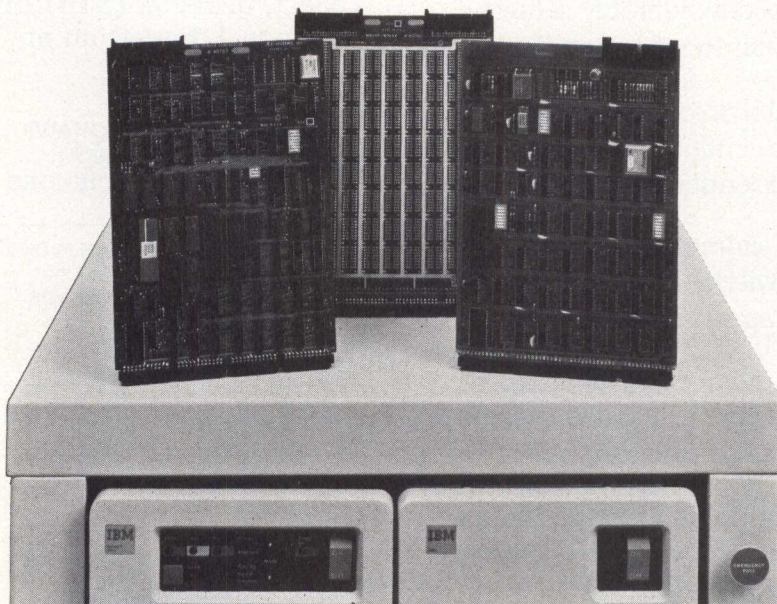
MDB interface products always equal or exceed the host manufacturer's specifications and performance for a similar interface. MDB interfaces are completely software transparent to the host computer. MDB products are competitively priced, delivery is 14 days ARO or sooner.

MDB places an unconditional one year warranty on its controllers and tested products. Replacement boards are shipped by air within twenty-four hours of notification. Our service policy is exchange and return.

MDB also supplies peripheral device controllers, GP logic modules, systems modules and communications/terminal modules for DEC PDP-11 and LSI-11\*, Data General and Interdata computers. Product literature kits are complete with pricing.

**MDB** 1995 N. Batavia Street  
Orange, California 92665  
714-998-6900  
**SYSTEMS INC.** TWX: 910-593-1339

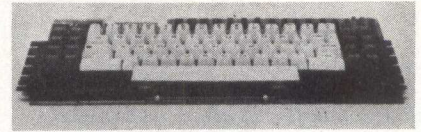
\*TM Digital Equipment Corp.



Circle 102 for IBM; 103 for LSI-11; 104 for PDP-11; 105 for DG; 106 for Interdata;

## **PRODUCTS**

### **CAPACITIVE ENCODED KEYBOARDS**



Solid state keyboards, with no mechanical contacts to wear out, use a phase detector in the key scanning system to eliminate electrical noise. N-key rollover and std P/ROM encoding are also included. A rugged 0.0625" (0.159-cm) steel top plate with 90° formed edges eliminates warping, deflection, and the need for extra support. Each keyswitch is rated at 200M operations. Springs are permanently retained to prevent loss. **Amkey, Inc.**, 7 Andover St, Andover, MA 01810.

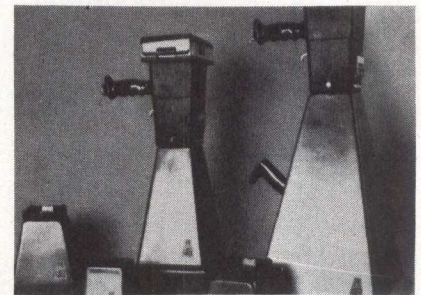
Circle 206 on Inquiry Card

### **HIGH SPEED FLOATING POINT CONVERTER**

Model 5744 transforms floating point binary numbers into 1 of 16 displayed number formats on the Graphic 7 display screen at conversion rates of more than 500/s. Representations include real numbers, scientific notations, latitude and longitude angles, time, and number of days. Additional formats include hexadecimal, octal, binary, and Boolean state by qualifier entry. The converter is bidirectional. **Sanders Associates, Inc., Information Products Div**, Daniel Webster Hwy S, Nashua, NH 03061.

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### **HANDHELD PHOTOGRAPHY SYSTEM FOR VIDEO DISPLAY**



By mounting the GDS-1000 camera system, operated by a pistol grip shutter release, on the back of an optical hood customized to each display, an effective "ministudio" is created which correctly aligns the camera to the display, shuts out ambient light, and in the case of Polaroid photography provides an additional sharp focus supplementary lens. Clear black and white or color pictures of all visual displays are reproduced. **GDS Graphic Display System Ltd**, 76 Hemingford Rd, Cambridge CB1 3BZ, England.

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