

M68MM01D Monoboard Microcomputer Module

- EXORciser and Micromodule Compatible
- M6800 MPU
- 1.0 and 1.5 MHz Operation
- Five Sockets for 10K EROM Maximum Using 2K, +5 volt EROM's. Option for 20K Maximum Using 4K EROM's Device Population. Provision for Industry's Forthcoming 2K x 8 RAM, Which Is Pin Compatible With the 2K x 8 EROM
- Serial Port Strappable as RS-232C, or RS-422
- Several Baud Rates Strap-Selectable
- EXORciser II Dynamic System Bus Implemented, Offering Page Enable and Eight Levels of Interrupt
- Programmable Timer
- Printer Interface Port

The MM01D Monoboard Microcomputer Module offers powerful, cost-effective features on a single EXORciser- or Micromodule-compatible board. The module is implemented so that it may be used as a system MPU module, as well as a single-board computer system.

The module utilizes several Motorola M6800 LSI chips in its implementation namely, the M6800 MPU, 6821 PIA, 6850 ACIA, and 6840 timer.

The 6821 is implemented as a standard Centronics-type interface, with Microsystems' standard output connector configuration. Our standard printers and their cables will connect to and operate from the module.

The serial interface portion of the module is configured for the MC6850 ACIA, with options for the MC6852 SSDA population in the same socket. The output from this interface is configurable as RS-232C, or RS-422 with provision for using MM11 if a current loop output is desired.

ORDERING INFORMATION

Part Number	Description
M68MM01D	Micromodule 01D Monoboard Microcomputer-on-a-board. This module contains the M6800 MPU; sockets for 10K or 20K EROM; printer interface PIA; ACIA with RS-232C or -422 ; programmable timer.