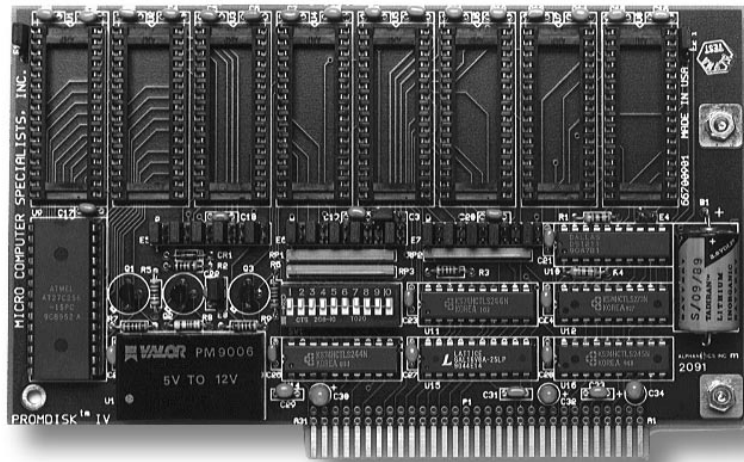


4MB Solid State Disk Emulator



Description

PROMDISK IV can emulate up to three Read-Write floppy or fixed disk drives with capacities ranging from 32K to 4M-bytes. This means that a program developed utilizing DOS on any PC Compatible will run without a disk in a target application system. PROMDISK IV can be configured as one 4M-byte drive, two 2M-byte drives, or one 2M-byte drive, one 1.5M-byte drive, and one 512K-byte drive. In addition, you can also use PROMDISK IV with other physical drives in the system. Therefore, DOS can boot from a PROMDISK IV drive A and read the application code from a physical disk in the system, creating a flexible development environment. When the code on the B disk is complete, transfer it to PROMDISK IV, remove the physical disk, and the target system will operate with no physical disk in the system.

Features

- IBM PC/XT/AT Compatible
- Capacity up to 4M-bytes
- Emulates both Floppy and Fixed Disk Drives
- Emulates up to Three Drives Simultaneously
- Emulates both Read/Write and Read-Only Drives
- Supports Eight 28/32-pin JEDEC Standard Byte-wide Memories
- Occupies only 32K of Memory Address Space
- Includes On-board Programmer for FLASH EPROMs
- On-Board Battery for Nonvolatile Operation
- Supports both 12V and 5V Only FLASH EPROMs
- Passive Backplane Architecture
- Ideally Suited for DISKLESS Applications
- Low Power CMOS Design
- Standard Half-Size "XT" Plug-in Board

Memory

4M-bytes total (Memory Chips Not Included). Eight 28 or 32 pin JEDEC Standard Sockets.

Access Time: 150 nanoseconds maximum.

Chip Types: EPROMs, FLASH EPROMs, SRAMs, or NVRAMs.

BIOS

On-board BIOS extension firmware.

Bus

ISA compatible bus (62-pin edge connector).

DMA

None

Interrupts

None

I/O Ports

Memory command and data port jumper selectable.

Dimensions

Half size XT board 6.8"L x 4.2"H.

Power

+5VDC @ 0.080A, +12VDC @ 0.040A.

Ordering Information

The PROMDISK IV can be ordered in the following configurations:

66700 PROMDISK VI