PCI ROMDISK®

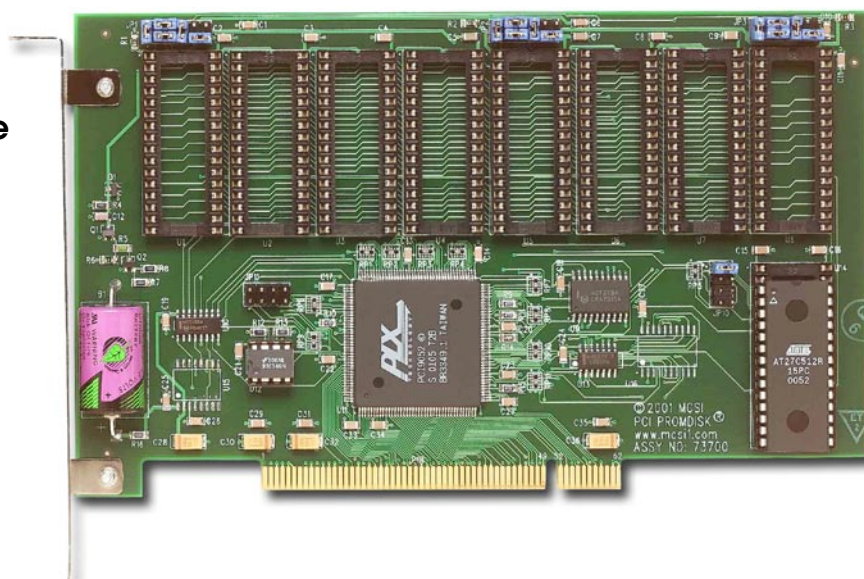**4MB Solid State Disk Emulator**

Description

The PCI PROMDISK is the PCI 2.1 compliant version of MCSI's popular PROMDISK IV disk emulator board. The PCI PROMDISK can emulate up to three Read-Write floppy or fixed disk drives with capacities ranging from 128K to 4M-bytes. This means that a program developed utilizing DOS on any PCI Compatible will run without a disk in a target application system. The board 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 PCI PROMDISK with other physical drives in the system. Therefore, you can boot from a PCI PROMDISK drive C and read the application code from a physical disk in the system, creating a flexible development environment.

Features

- PCI 2.1 Compliant
- 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 32-pin JEDEC Standard Byte-wide Memories
- Includes On-board Programmer for FLASH EPROM's
- On-Board Battery for Non-volatile Operation
- Supports both 12V and 5V Only FLASH EPROM's
- Ideally Suited for DISKLESS Applications
- Low Power CMOS Design
- Standard Half-Size "PCI" Plug-in Board

Memory

4M-bytes total (Memory Chips Not Included). Eight 32 pin JEDEC Standard Sockets.
Access Time: 150 nanoseconds maximum
Chip Types: EPROM's, FLASH EPROM's, SRAM's, or NVRAM's.

BIOS

On-board PCI BIOS extension firmware.

Bus

PCI 2.1 Compliant bus.

DMA

None

Interrupts

None

I/O Ports

None

Battery

Lithium for CMOS SRAM (five years operation under typical conditions).

Dimensions

Standard PCI Half-size card 6.87"L x 4.2"H (174.5mm L X 106.68mm H).

Power

+5VDC @ 0.180A, +12VDC @ 0.040A.

Ordering Information

The PCI PROMDISK can be ordered in the following configurations:

73700   PCI PROMDISK