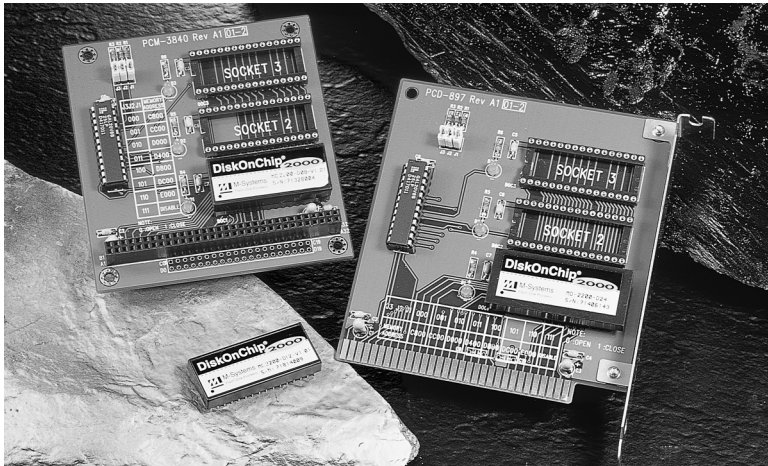


PCD-897/PCM-3840

DiskOnChip® 2000 Flash Disk Card/Module



Features

- 3 sockets, 8 ~ 288 MB capacity per socket
- 32-pin DIP JEDEC standard SRAM/EPROM/Flash compatible package
- ECC/EDC for high data reliability
- Full boot operability
- Built-in TrueFFS® which provides full hard disk read/write compatibility
- Operates with FLite™ (FAT-FTL/Lite) software for disk operations in O/S-less environments
- Extensive O/S support - DOS, Windows®, Windows®95, Windows®NT, pSOS+, QNX, VxWorks and others
- Uses 8 KB memory window

Specifications

- **Compatibility:** full disk emulation
- **Host OS Support:** DOS 3.3 and up, Windows®CE, Windows®3.1, Windows®95, Windows®NT, pSOS+, QNX and VxWorks. Additional operating systems are supported by using Flite flash system and file manager software
- **Capacities:** 8, 16, 24, 32, 48, 80, 144, 288 MB per socket
- **Current Consumption:**
Standby: 60 μ A (typical), 100 μ A (max.)
Read: 25 mA (typical), 40 mA (max.)
Write: 30 mA (typical), 40 mA (max.)
- **Supply Voltage:** 5 V (read and write)
- **Operating Temperature:** 0° ~ 60° C (32° F ~ 140° F)
- **Storage Temperature:** -20° ~ 80° C (-4° F ~ 176° F)
- **Humidity:** 10% ~ 90% relative humidity (non-condensing)
- **EDC/ECC (Enhanced Reed-Solomon ECC):**
 - Corrects up to two 10-bit symbols including two random bit errors
 - Corrects single bursts up to 11 bits
 - Detects single bursts up to 31 bits and double bursts up to 11 bits
 - Detects up to 4 random bit errors
- **Memory Window:** the DiskOnChip® 2000 should be mapped in the expansion BIOS area (usually between C8000H to E0000H) when connected to a PC
- **Dimensions:**
PCD-897: 106 mm x 99 mm (4.2" x 3.9")
PCM-3840: 96 mm x 90 mm (3.7" x 3.5")

Ordering Information

- PCM-3840-BARE**
DiskOnChip®2000 Flash Disk Module (Bare)
- PCD-897-BARE**
DiskOnChip®2000 Flash Disk Card (Bare)