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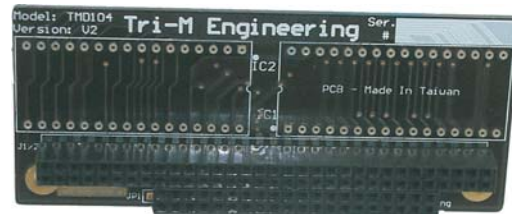
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MD104 and TMD104

PC/104 DiskOnChip Carrier Module

Features

- PC/104 compliant (MD104)
- 5V only operation
- Extended temperature -40°C to 85°C available
- Full boot capability
- Easy to upgrade
- Embedded TrueFFS provide full hard read/write compatibility MD104



The DiskOnChip provides a Flash Disk in a standard 32-pin Dip package. This unique data storage solution offers a better, faster and more cost effective Flash Disk for embedded systems.

The DiskOnChip is bundled with the TrueFFS (True Flash File System) technology, which provides full read/write disk emulation. TrueFFS provides hard compatibility at both the sector and file level.

The use of TrueFFS in conjunction with the built-in ECC/EDC provides maximum data reliability even under stressful conditions, such as power failures. Advanced wear leveling ensures long flash life for maximum usage.

Mechanical and Environmental

Current Consumption

- 110mA Standby
- 150mA Read / Write

Humidity

- 5% to 95% relative humidity- noncondensing

Operating Temperature:

- -40°C to 85°C

Size

- MD104: 3.78" x 3.55" x 0.58"
- TMD104: 1.55" x 3.55" x 0.58"

Weight

- MD104: 1.82oz / 51g
- TMD104: 1.09oz / 30g

Ordering Information

Part Number	Description
MD104	Memory Disk with 8 DiskOnChip sockets
TMD104	Memory Disk with 2 DiskOnChip sockets



Tri-M Systems and Engineering

1407 Kebet Way, Unit 100 • Port Coquitlam, BC V3C 6L3 • Canada
 Tel: 604.945.9565 Fax: 604.945.9566 www.Tri-M.com



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