

Flash/SRAM Memory Carrier MSMF104

Features

- Compatible with any PC/104 CPU or CPU that provides a PC/104 Bus interface.
- Ideal for ruggedized applications
- 2 x DiskOnChip Sockets
- 16 Bit ISA Bus
- Supports most Operating Systems
- Low Power Consumption

Option

- SRAM
- Soldered Flash



Description

The MICROSPACE module MSMF104 board integrates two 32 Pin DIP sockets, which will allow a user to have as little as 2MB and as much as 288MB of Flash memory by utilizing M-Systems DiskOnChip devices.

The board was designed to provide the end user with a solution for CPU boards that do not have any Flash memory directly on the board, or have too little of it. Since the board is based on the PC/104 standard, it can be used with any PC/104 CPU or any SBC that provides a 16 Bit Bus interface.

As an option, the MSMF104 can be equipped with SRAM Memory or Flash Memory that is directly soldered onto the board.

Ordering Information

Item codes	Part #	Description
MSMF104-2D	806020	Dual Socket for 2 DiskOnChip Devices
MSMF104-2D-S05		Dual Socket for 2 DiskOnChip Devices with 0.5MB SRAM
MSMF104-2D-S2		Dual Socket for 2 DiskOnChip Devices with 2MB SRAM

Technical Specifications

Features	Functions	Remarks
Controller		
DiskOnChip	2MB to 144MB	288MB Total
Connector	Connector	Connector
Operating systems		
DOS 3.3 and up	Yes	
Windows 3.1	Yes	
Windows 95	Yes	
Windows 3.5	Yes	
Windows NT	Yes	
pSOS+	Yes	
VxWorks	Yes	
LINUX 2.0	Yes	
QNX	Yes	
General		
Min. system requirements	Compatible with any PC/104 CPU	
Power requirement	100% performance: 100 mA at 5V	
Bus system	PC/104 16Bit 104 pins	
Size	3.6" x 3.8" x 0.6"	
Operating Temp (Standard)	-25°C to +70°C	
Extended Temp Range	-40°C to +85°C (available)	
Storage Temp	-65°C to +125°C	

Manufacturer	USA Distributor & Support Center	Representative
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