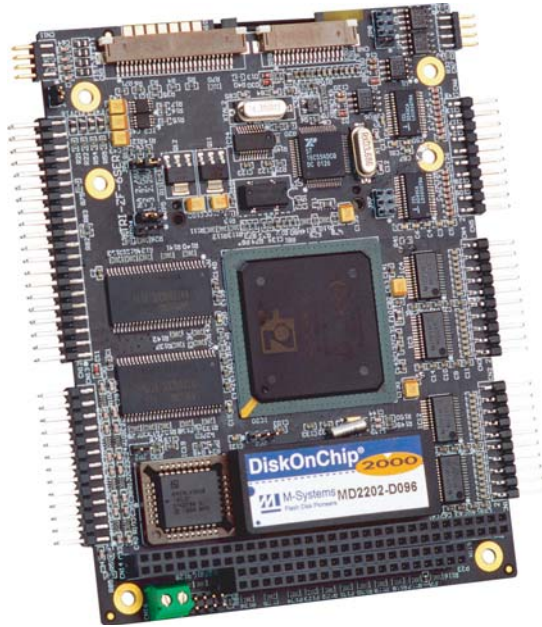


MZ-6SER

PC104 bus compatible 586 SBC with six serial ports



Features

- Six 16550-compatible serial ports; six RS-232 with two convertible to RS-485
- Dual EIDE, floppy support, dual USB, parallel port
- DiskOnChip and CompactFlash sockets
- 32MB SDRAM soldered in place
- Dual watchdog timers, Phoenix BIOS and FailSafe Boot ROM

Specifications

ZF86, Embedded PC-on-a-Chip

- 32 bit CPU core with 33, 66, 100, and 128MHz
- Full Desktop AT compatibility
- Phoenix embedded PC BIOS
- 32MB SDRAM Soldered in place

Fail-safe Boot ROM

- Total system recovery
- Recover easily from the corruption or loss of CPU boot data

Dual Watchdog Timer

- Programmable tickle sources

PC/104 Bus

- Compliant with standard PC/104 expansion bus with an IRQ and DMA channel subset

Serial Ports

- Six 16550-compatible serial ports; four RS-232 and two RS-232 / RS 485 configurable

Parallel Ports

- One bi-directional AT-compatible printer port

USB Port

- Two USB root hub interface

Drive Interfaces

- Supports up to two EIDE drives (master/slave)
- Floppy Disk Controller

Solid State Flash Memory Device

- Supports M-Systems DiskOnChip Millennium and DiskOnChip 2000, 8MB to 1GB

Software Compatibility

- Phoenix embedded PC BIOS - 100% x86 compatible, DOS, MSDOS, DRDOS, LINUX, VxWorks, and most other PC compatible RTOS
- Windows™ 9x, and Windows NT™

Electrical Specifications

- Single 5V DC Operation

Mechanical/Environmental

- Size: 3.63" x 4.86" x 0.9"
- 33MHz, 66MHz, 100C @ -40°C to 85°C (Estimated)



Ordering Information

Part Number

■ MZ-6SER

Description

■ PC/104 bus compatible 586 SBC with six serial ports



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