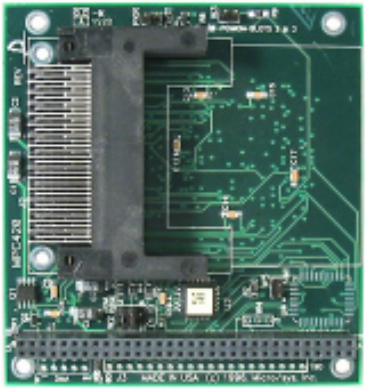
Dual 8/16-bit PCMCIA Adapter for PC/104 MPC420



Features

- ✓ Support for PCMCIA types I, II, and III
- ✓ Support for in-system programming of flash and EPROM memory
- ✓ Two identical PCMCIA sockets mounted on PC/104 format adapter
- ✓ 16-bit PC/104 interface, fully functional 8-bit version also available
- ✓ Interfaces to PCMCIA memory, fax/ modem, network, hard drive, etc.

The MPC420 PCMCIA Adapter interfaces one or two PCMICA cards to any PC/104 system. Cards supported include Type I (memory), Type II (modem, network, I/O), and Type III (hard disks). Only one Type III card can be supported due to the increased thickness of these cards. A second MPC420 can be installed in a system for additional PCMCIA slots.

The MPC420 operates as up to five "windows" in the embedded PC's memory map, and up to two "windows" in the embedded PC's I/O map.

Software supplied with the MPC420 is optimized for dedicated systems. Software drivers from 3rd parties are available to provide full notebook PC style hot insertion/removal management.

Software Support

Primitive Data Transfer routines included
Compatible with 3rd party PCMCIA Card and Socket Services drivers

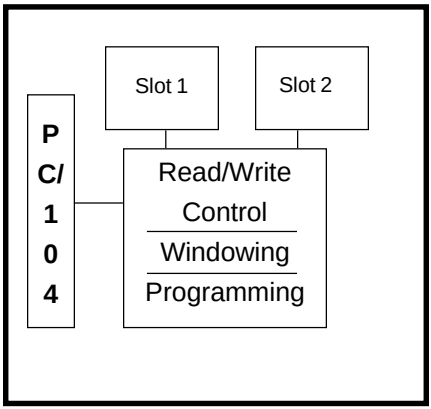
Compatible Hardware

Any Micro/sys CPU with PC/104 expansion connector
[See Section 1]
Most PCMCIA memory, I/O, and hard drive cards

Mounting/Packaging

PC/104 standard

Micro/sys 3730 Park Place, Montrose, CA 91020 (818)244-4600 Fax (818)244-4246
email: info@embeddedsys.com



Specifications:

Mechanical:
- ❑ PC/104 standard
- ❑ 3.55" x 3.775" x .6"
- ❑ Installed PCMCIA card extends past one side where I/O connector overhang allowed

Power Requirements:
- ❑ +5V ± 5% at 50mA max with no PCMCIA cards

Environmental:
- ❑ 0° - +70°C operating
- ❑ -25° - +85°C storage
- ❑ 5%-95% relative humidity, non-condensing

PC/104 Interface:
- ❑ 16-bit PC/104 module, 8-bit version available
- ❑ Programmable IRQ connections
- ❑ Battery status readable

External Connections:
- ❑ 2-pin header for modem speaker out
- ❑ 2-pin header for hard drive LED out

Ordering Information:

MPC420	Dual PCMCIA adapter for 16-bit PC/104, 8/16-bit PCMCIA cards
MPC420-1	Single PCMCIA slot version for 16-bit PC/104
MPC420-8	Dual PCMCIA adapter for 8-bit PC/104, 8/16-bit PCMCIA cards
MPC420-9	Single PCMCIA slot version for 8-bit PC/104

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