

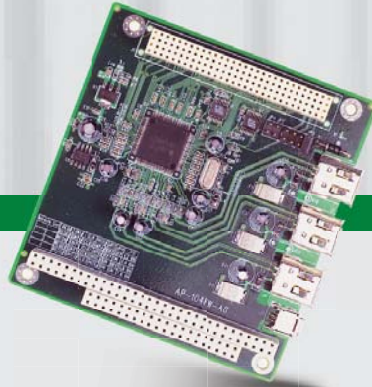
# Em104P-PCM

PCMCIA Card Drive



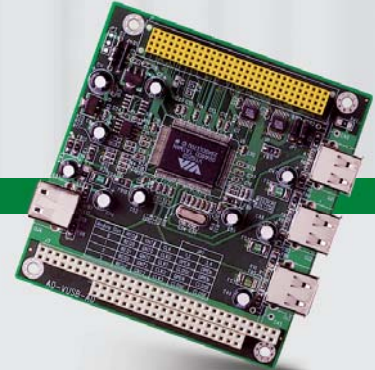
# Em104P-1394

4-Port 1394 PC/104-Plus Module



# Em104P-USB2

4-Port USB 2.0 PC/104-Plus Module



## Features

- One slot PCMCIA card bus module
- Support Type I/II/III PCMCIA cards
- 16-bit data bus
- 2 slots of PCMCIA card bus module
- Support Type I/II/III PCMCIA cards
- 16-bit data bus
- Compatible IEEE-1394-2000 Fire Wire Standard
- Open Host Controller Interface (OHCI) compliant
- Three high speed Serial Interface
- Speeds of 100/200/400 MBits/sec
- Standard 6-way IEEE-1394 Connectors for self-powered or non powered devices
- USB 2.0 (480 Mbps)
- USB 1.1/USB 1.0 (12 Mbps)
- OHCI and EHCI Host Controller Core
- 4 A Type USB 2.0 Ports
- Data transfer rate 1.5/12/480 Mbps Speed

## Specifications

Em104P-PCM model consist of a PC/104-Plus interface module with two built-in PCMCIA card slots. Two PCMCIA slots are built into the interface board. Em104P-PCM is ideal for user who require two PCMCIA interface slots where easy accessibility to the PCMCIA slots is not required. The PCMCIA slots on the module provides full support for all Type I, Type II and Type III PCMCIA memory, I/O and ATA hard disk cards. Comply with PCMCIA v. 2.1 and JEIDA 4.2 16-bit legacy mode support  
PCI way legacy mode support  
Mix and match 5V/3.3V PC card, 16/32 cards, 3.3V CardBus Cards  
Applies T/I 1420 Controller  
Support hot-swap function

Em104P-1394 is a high performance controller providing 3 serial ports conforming to the IEEE-1394 OHCI specification - popularly known as FireWire. Em104P-1394 provides an ideal interface for attaching high speed Audio, Video and Storage peripherals to an embedded system. Automatic detection and configuration of devices (without the need for on-board jumpers) ensures robust system operations and high reliability . Em104P-1394 provides a distinct advantage over other communications and interfacing controllers by allowing multiple devices to be attached simultaneously on the high serial bus. Three serial ports are provided enabling up to 63 devices to be connected with cable lengths of over 4.5M. Em104P-1394 is supported by a suite of drivers for Windows98SE/Me/2000/XP and Mac OS. Support Interface  
PC/104 extension  
PC/104 Plus extension

Em104P-USB2 is a 4-port Universal Serial Bus (USB) 2.0 PC104-Plus adapter for upgrading Embedded computers to the new USB standard. This card is designed to work with mouse, keyboards, external CD-R/RW's, external hard drives, webcams, and other USB enabled devices. It is 40 times faster than previous USB adapters and 20% faster than Firewire (IEEE-1394). 4 x USB 2.0 ports can transfer data at 480 Megabits per second, making it ideal for external storage, backup, networking and video devices. Support Interface

## Ordering Information

### Em104P-PCM/1

PC/104-Plus single slot PCMCIA module

### Em104P-PCM/2

PC/104-Plus dual slot PCMCIA module 2 port PCMCIA module

### Em104P-1394

4-Port performance 1394 ports PC/104-Plus module

### Em104P-USB2

4-port Universal Serial Bus (USB) 2.0 PC/104-Plus module