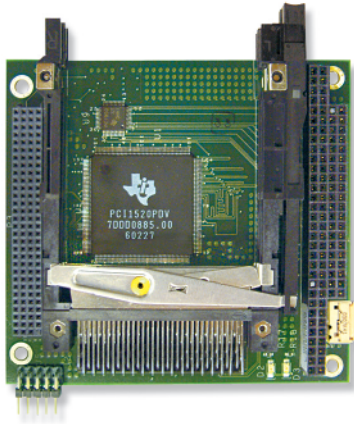




MiniModule™ PCC III

Versatile PC/104-Plus module offers up to two PC Card slots for exceptional design flexibility



FEATURES

- TI 1520 PCI-to-CardBus Host Controller
- PC/104-Plus Bus Interface (PCI v2.2 Compatible)
- Two PC Card or CardBus slots with hot insertion and removal
- Mix-and-Match 5V/3.3V 16-bit PC Cards and 3.3V 32-bit CardBus cards
- Supports Serial EEPROM interface for loading subsystem ID and subsystem vendor ID
- Configurable for any PC/104-Plus bus slot

The MiniModule™ PCC III provides a high performance PCI-based platform for incorporation of one or two PC Card (PCMCIA) slots into PC/104-Plus embedded systems. Based on Version 8.0 of the 32-bit CardBus standard, MiniModule PCC III offers support for the latest Type I, II or III PC Card products such as 802.11 WiFi interfaces while maintaining backward compatibility with earlier 16-bit PCMCIA cards. The card provides both PC/104-Plus and PC/104 interfaces, although the PC/104 interface is utilized only for interrupt support for legacy cards. Control signals are all obtained from the PC/104-Plus (PCI) bus.

The MiniModule PCC III supports all three card voltage options, 5V only, 3.3V only, and 3.3V cards which are 5V tolerant. An onboard power connector allows developers to power the card directly with 3.3V or 12V support, if required. Other voltages are obtained from the PC/104-Plus bus.

The MiniModule PCC III utilizes the TI 1520 PC Card controller which is supported with drivers for a wide range of popular embedded operating systems. The card is configurable for use in any of the four PCI slots available to PC/104-Plus systems.

SPECIFICATIONS

General

- **Controller** –
 - TI 1520 controller
 - Complies with CardBus Release 8.0 standard
- **Card Support** –
 - Two PC Card slots supported per system
 - Supports card Types I, II, and III
 - Usable with 5V cards, 3.3V cards, and 3.3V cards that are 5V tolerant
- **Special Features** –
 - Supports "hot" insertion/removal
 - Power connector for +12V DC input for Flashcard programming
- **Four Slot Support Option** – Configurable for use in any of the 4 PCI slots available to PC/104-Plus systems
- **Support Software** – Plug-and-play drivers with Windows ME/XP/2000/XPe

Bus Interface

- PC/104-Plus bus (PCI), PC/104 bus (ISA)

Mechanical

- **Size** – 90x108mm (3.6x4.3")
- **Power** – (typical) 0.21A @ +5V
- **Environmental** – Operating temperature: 0° to 70°C standard; -40° to +85°C extended

NOTE: Above do not include PC Card power requirements

Warranty

- 3-year warranty

ORDERING INFORMATION

MODEL	DESCRIPTION
MM3-PCC-K-10	QuickStart Kit (board, documentation, software)
MM3-PCC-Q-01	MiniModule PCC-III, 32-bit Cardbus interface

