Ampro MiniModule™ ISA PC/104-Plus Module
Adds PC/104-Plus Expansion to PCI-104 SBCs

MiniModule ISA

Choose Ampro MiniModule ISA to…
Add PC/104-Plus expansion to ReadyBoard™ and CoreModule™ products that have a PCI-104 interface (PCI bus) or add PC/104-Plus, Compact Flash and Mini PCI capability.

Description
Ampro's MM3-ISA-R-01 MiniModule ISA allows the hundreds of PC/104 modules to be used with SBCs that do not have PC/104 (ISA bus) support. MM3-ISA-R-11 adds more functionality to existing MM ISA by adding Compact Flash and Mini PCI dedicated sockets.

RoHS

- Onboard PCI-to-ISA bridge
- CF and MiniPCI sockets
- Ampro BIOS supported
- Transparent to operating systems
- Full 24-bit ISA addressing
- 16-bit I/O and memory cycles

Ordering Information

MODEL	DESCRIPTION
MM3-ISA-R-01	PCI-104 to PC/104-Plus bridge for RB 800
MM3-ISA-R-11	PCI-104 to PC/104-Plus bridge with CF and Mini PCI socket for RB 800 and CM 800

Specifications

CONTROLLER
- ITE IT8888F PCI-to-ISA bridge
  - PCI 2.1 compliant
  - Transparent mode
  - Full 24-bit ISA addressing
  - 16-bit and 8-bit I/O and memory cycles
  - Software-transparent DMA
  - ISA bus master supports (4) PC/104 cards
  - Encodes all ISA IRQs

BUS INTERFACE
- PC/104-Plus (ISA & PCI) top side, PCI-104 bottom side (Q-01 only). Both connectors stack through for R-11 model.
- Compact Flash type II socket (R-11 only)
- Mini PCI type III socket for A/B (R-11 only)

SOFTWARE
- BIOS – Compatible with PCI-104 SBCs that use AMI BIOS with Ampro extensions

MECHANICAL
- Size – 90x96mm (3.6x3.8"); PC/104-Plus form-factor
- Power Requirements – TBD
- Operating temperature:
  - MM3-ISA-R-01: 0° to 60°C
  - MM3-ISA-R-11: −40° to +85°C

For more information, pricing, and details on volume discounts, please call us at 1. 800. 966. 5200 or +1. 408. 360. 0200. We'll immediately connect you to your local distributor.

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