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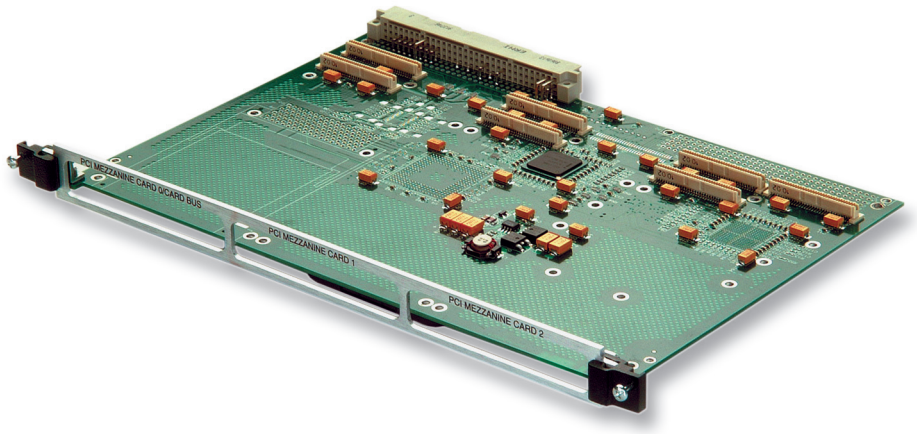
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Find the *Abaco Systems / Ramix PMC237* at our website: *Click HERE*

GE Fanuc
Intelligent Platforms



PMC237

PMC Expansion Card for VME Systems

Features

- Expands the Host Processor to a variety of PMC slots
- 32-bit PCI on the primary PCI bus
- Option for PCMCIA/CardBus
- Option for PCMCIA cards to be mounted outside chassis

The PMC237 is a 6U form factor card that expands a single PMC site on a VMEbus processor board to either two PMC sites and one PCMCIA/CardBus socket or to three PMC sites. Compatible with many VMEbus single board computers, it provides an extension of PCI and PCMCIA capacity within the VMEbus form factor. The PMC237 has the option for the PCMCIA/CardBus cards to be mounted outside the chassis using an 18 inch cable. Functionally, the PMC237 consists of a PCI/PCI bridge (assuring compliance with PCI loading) and an optional PCI/PCMCIA Host Bus Adapter (see the GE Fanuc Intelligent Platforms PCMCIA/PC Card Host Bus Adapters). Full PCI bandwidth can be maintained to PMC devices installed on the PMC237.

The PMC237 offers several configurations tailoring onboard functionality and host SBC connections. The board can either be populated with three PMC modules, or two PMC modules and a PCMCIA/PC CardBus socket.

The PMC237 generates the +3.3 V for the onboard devices. The PMC237 takes only Power (5 V) and Ground from the VMEbus.

Simple Connection to the Host

Connection to the host is either via a PMC connector on the host (GE Fanuc, Curtiss-Wright, FORCE) or via a vendor-specific PCI expansion connector. Currently, this option is available for the GE Fanuc Intelligent Platforms VME-7810 and the Motorola MVME23xx, 24xx, 26xx, 27xx, 51xx, and 36xx series. With minimum assembly, this vendor-specific support can be made available to further manufacturers. Please contact GE Fanuc Intelligent Platforms for further information.

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PMC237 PMC Expansion Card for VME Systems

Specifications

Components
- PCI/PCI bridge: Pericom P17C8150ND
- PCMCIA adapter: Texas Instruments 1251 (if "P" option)

Power Specifications
- Power (total): 1 watt
- @5 V: 0.2 amps

PCI Bus Characteristics
- Signaling: 3 V and 5 V
- Specification: 2.2
- Speed: 33/66 MHz
- Width: 32 bits
- 32 bit PCI on the primary PCI bus

Form Factor
- 6U single slot VMEbus

MTBF
- MIL 217-F Nav Shel 25 Deg. C: 273,000 hours

Temperature
- Operating: 0 to +60 °C
- Storage: -40 to +85 °C

Humidity
- Operating: 5% to 95% noncondensing
- Storage: 5% to 95% noncondensing

Conformal Coating
- Yes, additional charge

Ordering Information

PMC237C-005	Connects to host via PMC slot using 005 adapter (VG4); 3 PMC sites
PMC237C-006	Connects to host via PMC slot using 006 adapter; 3 PMC sites
PMC237C-007	Connects to host via PMC slot using 007 adapter (VI); 3 PMC sites
PMC237C-008	Connects to host via PMC slot using 008 adapter (GE Fanuc and FORCE); 3 PMC sites
PMC237C-009	Connects to host via PMC slot using 009 adapter (Curtiss-Wright); 3 PMC sites
PMC237C-0010	Connects to host via PMC slot using 0010 adapter; 3 PMC sites
PMC237CM	Connects to Motorola 26xx/36xx; 3 PMC sites
PMC237CM1	Connects to VMIVME-7810, VMIVME-7050 and Motorola 21xx/23xx/24xx/51xx; 3 PMC sites
PMC237CM1-P2	Connects to VMIVME-7810, VMIVME-7050 and Motorola 21xx/23xx/24xx/51xx; 3 PMC sites; P2 I/O.
PMC237CM1/V	Connects to VMIVME-7807RC, V7865, and V7768

Replace "C" with "P" to indicate 2 PMC sites and 1 PCMCIA slot
Add "-CC" to indicate conformal coating

About GE Fanuc Intelligent Platforms

GE Fanuc Intelligent Platforms is a leading global provider of embedded computing solutions for a wide range of industries and applications. Our comprehensive product offering includes many types of I/O, single board computers, high performance signal processors, fully integrated, rugged systems including flat panel displays, plus high speed networking and communications products. The company is headquartered in the U.S. and has design, manufacturing and support offices throughout the world. Whether you're looking for one of our standard products or a fully custom solution, GE Fanuc Intelligent Platforms has the breadth, experience and 24/7 support to deliver what you need. For more information, visit www.gefanuc.com.

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Additional Resources

For more information, please visit the GE Fanuc Intelligent Platforms web site at:

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