PMC618

Quad 100BaseFX Ethernet PMC

Features

- PCI 66 MHz capable
- Four 100BaseFX Ethernet ports
- Front I/O
- LC connectors
- Full duplex operation
- TCP/UDP checksum off-loading
- 2 MB FIFO per Ethernet port
- Software support for HP-UX, Linux®, LynxOS®, Solaris, VxWorks®, and Windows® NT

The PMC 618 100BaseFX Ethernet PMC is capable of full duplex operations. Each of the four Ethernet/PCI interfaces includes a powerful DA engine with deep FIFO buffers assuring each of the Ethernet links runs at continuous, full bandwidth operation with minimum PCI overhead. The state-of-the-art PCI-to-PCI bridge couples the Ethernet interfaces to the host PCI bus, ensuring high-performance with minimum PCI loading.

Two PMC618 boards can be directly cabled with a simple "cross-over". This configuration creates a full duplex 800 Mb dedicated datapath – delivering high bandwidth at a very low cost. More complex, dedicated interconnects can be created using a hub or switch.

The PMC618 is delivered with LC connectors as standard. For alternative connector options, please contact GE Fanuc Sales.

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Specifications

Port Configuration
- 4 ports 100BaseFX with LC connectors
- Front I/O

Form Factor
- PMC; single slot

Bus Interface
- PCI 2.2/66 MHz

MTBF
- 281,000 hours

Power Requirements
- 4 watts

Environmental
- Temperature
  - Operating: 0° to +65° C
  - Storage: -45° to +85° C

- **Relative Humidity**
  - Operating: 5% to 95%, noncondensing
  - Storage: 5% to 95%, noncondensing

Ordering Information

PMC618:   PMC with 4 ports of 100BaseFX Ethernet routed to front I/O

About GE Fanuc Intelligent Platforms
GE Fanuc Intelligent Platforms, a joint venture between General Electric Company (NYSE: GE) and FANUC LTD of Japan, is an experienced high-performance technology company and a global provider of hard-ware, software, services, and expertise in automation and embedded computing. We offer a unique foundation of agile, advanced and ultra-reliable technology that provides customers a sustainable advantage in the industries they serve, including energy, water, consumer packaged goods, government and defense, and telecommunications. GE Fanuc Intelligent Platforms is a worldwide company headquartered in Charlottesville, VA and is part of GE Enterprise Solutions. 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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