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PMC 1553E
PMC E3R
PMC GA3
PMC GA4
PMC StarLite
PMC E2
PMC E1R
EmPower EPMCQ2
EmPower PMCQ1
PMC PIO1
PMX 654
PMX 1553
PMC 1553
PMC CAN
PMC HH1
PMC FA2
PMC FA1R
PMC FA1
PMC F2
PMC F1

PMC FA1

Fibre Channel Adapter

Features

- 1Gbit/sec full duplex Fibre Channel adapter
- 64-bit PCI revision 2.2 interface
- Low power consumption <4 Watts
- Arbitrated Loop (FC-AL), Switched Fabric (FC-SW) and Point-to-Point topologies
- VxWorks Tornado 2.0 support for IP, SCSI-2 and Low Latency Access
- Copper interface suitable for >30m of cable
- External Media Interface Adapter for optical transmissions
- Available in ruggedization levels 1 to 4

PDF DATA SHEET

Overview

The PMC FA1 is a rugged fibre channel adapter that provides access to fibre channel fabrics in embedded systems for air and conduction cooled environments. Typical applications include radar and sonar processing, storage area networks (SANs), imaging, network backbones and high speed low latency data acquisition systems.

The PMC FA1 is capable of fibre channel data transfer rates up to 200Mbytes/sec and supports Class 2 and Class 3 communications and multiple concurrent protocols on the fabric. This is provided on a single PMC module compliant with the IEEE P1386.1 PCI Mezzanine Card Standard.

A key feature of PMC FA1 is the use of additional transceivers that offer onboard equalization making the adapter suitable for use with long lengths of unequalized cable.

The standard PMC FA1 is supplied with a copper interface that, if required, can be converted to optical fibre by an external Media Interface Adapter (MIA).

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