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Find the *Curtiss-Wright / DY-4 PMC-642* at our website: *Click HERE*

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PMC-642A1
Fibre Channel Network Interface Card

Integrated with the SVME-179 PowerPC™-based single board computer (SBC) and the CHAMP family of digital signal processors, the PMC-642A1 Gigabit/second Fibre Channel Network Interface Card (NIC) provides a unique high-speed network solution for mission-critical systems.

The PMC-642A1 provides the first implementation of the industry standard, light weight, high performance Virtual Interface (VI) Architecture protocol with the VxWorks® real-time operating system. It also provides the first board-level solution for rugged Fibre Channel networking for harsh environment based computing. This combination of high-speed networking, lightweight protocol and rugged hardware makes PMC-642A1 the ideal mission-critical network solution.

FEATURES:

- PowerPC™ and Pentium®-based processor boards integrated with Fibre Channel NIC
- Full speed (1.0625 Gbit/sec) ANSI Standard Fibre Channel
- First implementation of Virtual Interface Architecture with an RTOS
- Support for multiple simultaneous protocols including Virtual Interface Architecture (FC-VI) and SCSI with VxWorks®
- Class 3 Fibre Channel Services
- Arbitrated Loop (FC-AL2), Switched Fabric, and Point-to-Point topologies
- Protocol-independent Management Interface
- Designed for harsh environment applications
- 64-bit/33 MHz PCI (Standard 2.1)
- Transformer coupled electrical interface

Complete specifications for all products can be found in our catalog, which you can obtain by making a literature request.

Data Sheet (.pdf)

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