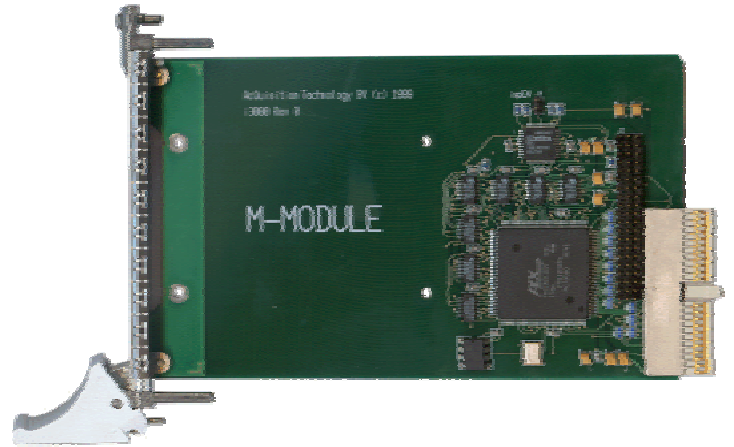


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M/MA Module Carrier for Compact PCI (cPCI) Model AMi3000

The AMi3000 M-Module Carrier for the Compact PCI (cPCI) bus features a high-performance PCI bus gateway to the M-Module Interface. One M-Module mounting socket is provided by this carrier.

The cPCI interface is PCI Specification 2.1 compliant, Slave Only. The PCI to M-Module bridge is implemented using the PCI9050 PCI Bus Target Interface Chip by PLX Technology, Inc.



SPECIFICATIONS

Number of M/MA-Modules Carried

One (1) M- or MA-Module

M/MA-Module Interface

A08/A24, D16/D32

M-Module Interface Operation

Asynchronous to PCI Clock

Interrupts

INTA

Input/Output

Provided by M-Module

Temperature

Operating: 0° C to 60° C

Storage: -20° C to 70° C

Software Support

ANSI C Applications Library
Applications Examples
Board Detect software (DOS Based)
Configuration Program
PLX Mon to provide user control over PCI9050

PCI Compliance

Complies with PCI specification 2.1 for Target Interfaces
Bi-directional FIFO for zero wait-state operation
Configurable for memory mapped and I/O mapped operation

Applications

Selectable M-Module interface types in a single cPCI slot
Port M-Module Instruments (DMM, etc), serial interface, or DAQ functions to cPCI
PXI ATE "glue logic"

Ordering Information

Part Number: 11028380-0001



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