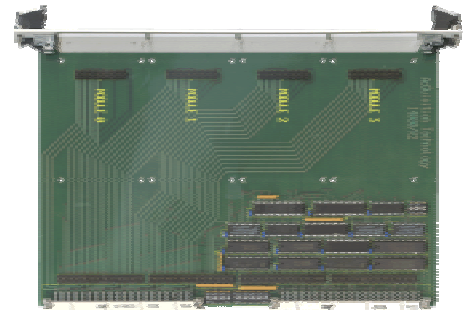


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M/MA-Module Carrier for the VMEbus Model AMi4000

The AMi4000 is an M-Module Carrier and forms the basis of a flexible I/O system. It offers the user a means of integrating a mix of M-Modules in a VMEbus system.

The interrupt controller on the AMi4000 has an interrupt vector register for each M-Module interface. If a module is able to generate its own vector, the AMi4000 simply passes the interrupt request to the VMEbus. Interrupts for each M-Module can be masked separately. The level on which an interrupt is issued to the VMEbus, is selectable by setting a DIP-switch. This is valid for all four M-Module interfaces.



SPECIFICATIONS

Number of M/MA-Modules

Carried

Four (4) M-or MA-Modules

M/MA-Module Interface

A08, D08/D16

Interrupts

INTA/INTB/INTC

Interrupt Control

Enable/Disable per M-Module Slot
Programmable Interrupt Vector
per slot

Input/Output

M-Module Connector

Interrupt Types

RORA
ROAK

Temperature

Operating: 0°C to 60°C
Storage: -20°C to 70°C

Power

+5 V @ 300 mA
+12 V @ 0 mA
-12 V @ 0 mA
(without M-Modules)

VMEbus Compliance

Complies with ANSI/IEEE Std
1014-1987 when P2 not used
A24/A16, D16/D08 (EO)
D08(O) (DYN) Interrupt Vector
(vector unique per module)
I(x) Interrupt Level

Applications

Up to four (4) M-Module types in a single VME slot
Multiple instruments in a single VXI slot (DMM, counter, A-D, D-A, signal generator, etc.)
Multiple serial interfaces (RS-232, GPIB, CAN, 1553, ARINC, etc.) in a single VXI slot
VME ATE & data acquisition "glue logic"

Ordering Information

Part Number: 11028390-0001