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Find the *Keithley / MetraByte ISA-MDB64* at our website: *Click HERE*

ISA-MDB64 *MetraBus Driver Board for ISA-Bus Computers*



Features

- Fully ISA compatible
- Controls or monitors up to 512 digital or 256 analog I/O points per ISA slot
- Easy to use
- High-speed parallel data transfers
- State-machine timing generation
- Low cost
- Drives MetraBus cables as long as 100 feet

Functional Description

The ISA-MDB64 driver board is the primary control center of an ISA-based MetraBus system. The ISA-MDB64 board controls all I/O operations between the computer and MetraBus I/O boards. The board generates all timing and control signals, and controls all system-level data and address transfers. A single ISA-MDB64 can address up to 64 MetraBus I/O boards (up to 512 digital or 256 analog I/O points).

The ISA-MDB64 series boards may be installed in any compatible ISA expansion slot. A 50-pin connector extends through the rear of the computer and connects to the MetraBus 50-pin ribbon cable. The MetraBus uses parallel bus architecture with the MetraBus cable carrying all data, address, and control signals.

The ISA-MDB64 is easy to install. A single DIP switch selects the board's base I/O address. Programming ISA-MDB64 based MetraBus systems is very easy using direct I/O reads and writes, via ComputerBoards' Universal Library or by using SoftWIRE, DAS Wizard, or a wide variety of third party application software packages

Ordering Guide

ISA-MDB64 MetraBus Driver Board for ISA Bus Computers

PCI-MDB64 *MetraBus Driver Board for PCI-Bus Computers*



Features

- Fully PCI compatible
- Controls or monitors up to 512 digital or 256 analog I/O points per PCI slot
- Easy to use, fully plug-and-play
- On-board counter timer for interrupts or watchdog timer applications
- State-machine timing generation
- Low cost
- Drives MetraBus cables as long as 100 feet

Functional Description

The PCI-MDB64 driver board is the primary control center of a PCI-based MetraBus system. The PCI-MDB64 board controls all I/O operations between the computer and MetraBus I/O boards. The board generates all timing and control signals, and controls all system-level data and address transfers. A single PCI-MDB64 can address up to 64 MetraBus I/O boards (up to 512 digital or 256 analog I/O points).

The PCI-MDB64 series boards may be installed in any compatible PCI expansion slot. A 50-pin connector extends through the rear of the computer and connects to the MetraBus 50-pin ribbon cable. The MetraBus uses parallel bus architecture with the MetraBus cable carrying all data, address, and control signals.

The PCI-MDB64 is fully plug-and-play and does not require any user hardware configuration. Programming PCI-MDB64 based MetraBus systems is very easy using direct I/O reads and writes, via ComputerBoards' Universal Library or by using SoftWIRE, DAS Wizard or a wide variety of third party application software packages.

Ordering Guide

PCI-MDB64 MetraBus Driver Board for PCI Bus Computers

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