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Find the *Abaco Systems / VMIC VMIVME-5588DMA-210* at our website: ***Click HERE***

GE Fanuc
Intelligent Platforms

VMIVME-5588DMA VMEbus Enhanced High-Speed DMA Fiber-Optic 1.2 Gbaud Reflective Memory with Interrupts

Product Overview

High-speed, easy-to-use fiber-optic network (1.2 Gbaud serially)

Up to 16 Mbyte of Reflective Memory

Data written to memory in one node is also written to memory in all nodes on the network

Slave BLTs supported, master DMA controller (optional)

Single-slot 6U VMEbus board

Up to 256 nodes

Up to 1,000 ft between nodes with multimode fiber-optic option

Up to 10,000 m between nodes with single mode fiber

Up to 30 m between nodes with coax cable option

Data transferred at 29.5 Mbyte/s without redundant transfer

Data transferred at 14.8 Mbyte/s with redundant transfer

Any node on the network can generate an interrupt in any other node on the network or in all network nodes with a single command

Error detection

Redundant transmission mode for suppressing errors

No processor overhead

No processor involvement in the operation of the network

A24:A32:D64:D32:D16:D8 memory access

Any node may reset any or all other nodes

Software addressable digital output bit (available at front panel and P2 connector) for interfacing with the VMIVME-5599 or VMIVME-5591 optical switch board or any user-defined purpose

Device driver that includes Internet protocol

Automatic fiber-optic bypass switch option (VMIVME-5599)

Active fiber-optic bypass switch option (VMIVME-5591 or -5593)

Optional multimode/single-mode converter for driving 6.2 mi (VMIVME-5592A)

Operating Systems: Solaris 2.x, SGI IRIX 4.x, SGI IRIX 6.x, VxWorks, DEC UNIX 4.x

Windows NT: Using GE Fanuc's VMEbus CPU boards, VMISFT-9420 supports reflective memory access. Support for interrupts, DMA and IP requires additional software supplied by the user. **Note:** This includes DMA whereas 5576 & 5588 do not

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