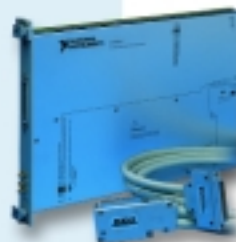


VXIbus Extenders

VXI-MXI-2

- VXI *plug&play* compliant
- Extends VXI to several mainframes as a single VXI system
- Works with embedded VXIbus controllers or external MXI-2 controllers
- Transparent interrupts between mainframes
- 38 Mbytes/s maximum DMA transfer rate using D64
- Interfaces external MXIbus-2 equipped computers for direct control of the VXIbus
- Automatic MXIbus cable termination eases multiple mainframe expansion
- Automatic Slot 0 detection
- C-size or B-size options
- Completely software-configurable
- 64 MB maximum optional dual-ported DRAM expansion



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vximxi2

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Overview

The National Instruments VXI-MXI-2 interface board is a single-slot VXIbus extender. The VXI-MXI-2 conforms to the VXIbus Mainframe Extender Specification (VXI-6) standardized by the VXIbus Consortium. You can install the VXI-MXI-2 extender in Slot 0 or in any other slot of a VXIbus mainframe. The VXI-MXI-2 extends the VXIbus architecture outside a VXI mainframe via the high-performance MXI-2 cable link.

VME-MXI-2

- Extends VME to several mainframes
- Bidirectional VMEbus transfers
- 8 VXI or VME mainframes can be connected using MXIbus
- Transparent interrupts between mainframes
- 38 Mbytes/s maximum DMA transfer rate using D64
- Interfaces external MXIbus-equipped computers for direct control of the VMEbus
- Automatic MXIbus cable termination eases multiple mainframe expansion
- Automatic leftmost slot detection
- Completely software-configurable
- 64 MB maximum optional dual-ported DRAM expansion
- Usable in B-size VXI systems



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Overview

The National Instruments VME-MXI-2 is a 6U, single-slot VMEbus extender based on MXI-2 technology. You can install the VME-MXI-2 extender in the leftmost slot of a VME chassis to be the VMEbus system controller or in any other slot. The VME-MXI-2 extends the VMEbus architecture outside a VME mainframe via the high-performance MXI-2 cable link. The MXIbus was derived from the VMEbus, and is essentially VME on a cable.