



MVME-1182 64-bit Optically Isolated Digital Input Module

Number of Digital Input Channels - 64

Input Voltage Options - 5-250VDC / 4-240VAC

Isolation - 3750VDC

Software programmable debounce circuit from 1.25ms to 1.024 seconds.

Interrupts - Software controlled

- Change of State
- Pulse Accumulation
- Sequence of Events
- Time Tag

VMEBus IRQ Level - Software controlled.

VME Specifications

Meets VMEbus Specifications Revision C.1
IEEE Std. 1014-1987, IEC 821, IEC 297
A24/A16 :D16/D08(E0) VMEbus Slave.

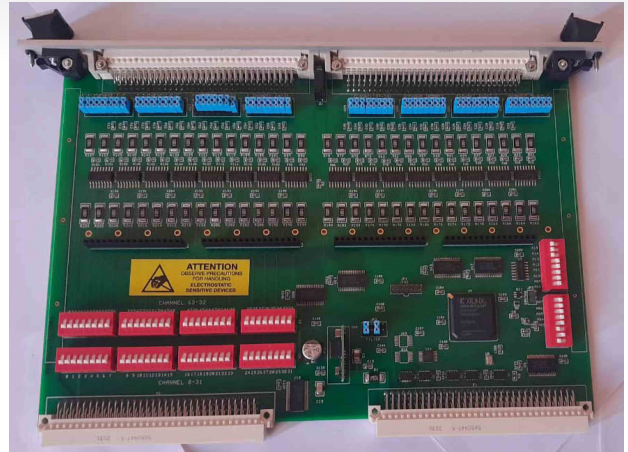
Board Size - 6U

Power Requirements

+5 VDC @ 1.0A, typical

Environmental

Operating Temperature: -20 to 85 °C Storage
Temperature: -40 to 125 °C Shock: 25g,
11ms on all axis



The MVME-1182 is a drop-in replacement for the VMIC VMIVME-1182 and Abaco VME-1182A. It works with the customer's existing software and cabling. No changes are required.

The MVME-1182 offers the following improvements:

- Isolation Voltage of 3750VDC compared to 1500VDC
- Jumper selectable positive true or negative true logic.
- Half the power requirements.
- User may select each channel for either voltage sense or contact sense.

As with all Merlin Embedded drop-in replacement products, the MVME-1182 has the same or better functional performance than the product it is replacing. All Merlin Embedded products are backed by a 2 year warranty and 15 years of life-cycle support. The user will not have to take on any obsolescence issues when using Merlin Embedded products.

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