9470 Digital I/O Module

Specifications:

Digital I/O Channels: 80

Input Voltage Range: 0-5VDC

Input Threshold: Logic high is 2.0V minimum. Logic low is 0.8V maximum.

Output Current Sink: 100mA per channel.

Output Voltage Range: 0-5VDC

VME Specifications

Meets VME Specifications Revision C.1 IEEE Std. 1014-1987

A16:D32 BLT Slave

Address Modifier Code 29, or 2D HEX.

1K consecutive byte locations, base address configurable within 64K Short I/O space.

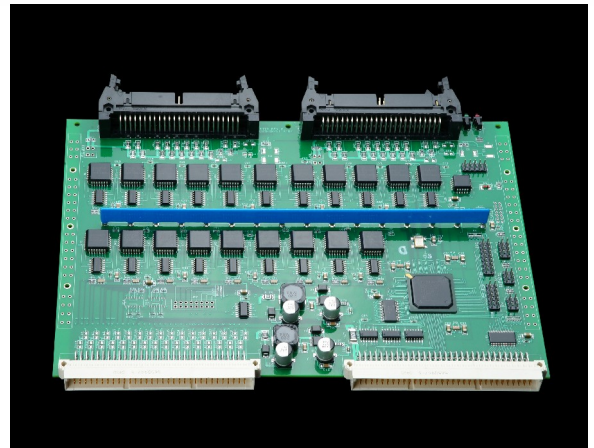Board size: 6U

Power Requirements

+5 Volts @ 100mA with all outputs off.

Environmental

Operating Temperature: -20 to 85 °C

Storage Temperature: -40 to 125 °C

Shock: 25g, 11ms on all axis

Merlin Embedded

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10415 Willow Ridge Loop

Orlando, FL 32825

(866) 700 7704
www.merlinembedded.com

The 9470 Digital I/O Module offers the following features:

The unit may be configured as a drop-in replacement for the Acromag® AVME9470 or AVME9440.

I/O points accessible through the front panel connector and the VME P2 connector.

Four interrupt modes:

- change of state

- pattern match

- edge triggered

- level triggered

Twelve 16 bit counter/timers.

Conformal coating is standard on all units.

Conduction-cooled version available.

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