



MIP-MOSFET Digital I/O Module

Specifications:

Number of I/O: Outputs are configured as 40 open-drain MOSFET's with common source connection. Inputs are TTL compatible 1.5VDC threshold with 200mV of hysteresis.

Voltage Range: 0-80VDC

Output ON current: 2A max per channel

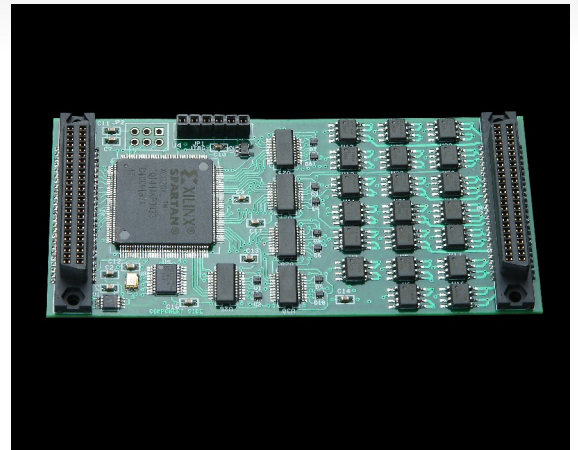
Turn on time: 80ns

Turn off time: 160ns

Input response time: 160ns

Interrupts: Change of state or level

Meets IP specifications per ANSI/VITA 4-1995



Features

- 40 Digital I/O
- 0-80VDC
- Output sink up to 2A per channel
- Input hysteresis
- Conformal coating is standard on all units

Power Requirements

+5 Volts @ 100mA

Environmental

Operating Temperature: -40 to 85 °C

Storage Temperature: -40 to 125 °C

Merlin Embedded

151 Sawgrass Corners Dr., Suite 105
Ponte Vedra, FL 32082 (866) 700 7704
www.merlinembedded.com

The MIP-MOSFET Digital I/O Module is a drop-in replacement for the Acromag® IP400, IP405, and IP408. It is also a drop-in replacement for the SBS/GE-Fanuc IP-DRIVER40. The customer's existing software written for these products will run the MIP-MOSFET. The I/O connections are exactly the same.

Upgrades include:

- 2A current sink per channel
- 80V DC
- Interrupts available on all inputs
- 8 extra I/O points

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