



MIPDAC16 Analog Output Module

Specifications:

Number of Analog Outputs: 16

Resolution: 16 bits

Output Full Scale Range: $\pm 10V$, $\pm 5V$, 0-10V, 0-5V.

Output Current: 10mA per channel

Settling time: 10 μ sec for 20V step.

Meets IP specifications per ANSI/VITA 4-1995

Features

- Onboard $\pm 15V$. No external supplies required to run $\pm 10V$ full scale range
- 4K RAM buffer per channel
- Conformal coating is standard on all units

Power Requirements

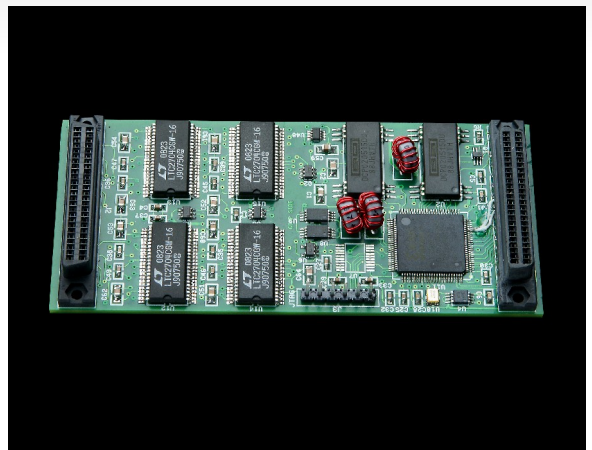
+5 Volts @ 20mA

+12Volts @ 400mA

Environmental

Operating Temperature: -40 to 85 °C

Storage Temperature: -40 to 125 °C



The MIPDAC16 is a drop-in replacement for the Acromag® IP220 and IP231. The customer's existing software written for the Acromag® product will run the MIPDAC16. The I/O connections are exactly the same.

Upgrades include

- onboard DC-DC converter eliminates the need for an external $\pm 15V$ supply.
- 16 bit D/A converters.
- 4K RAM buffer per channel.
- 10mA output current per channel.
- Output Full Scale Range is selected via software.

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