



MIPDAC32 Analog Output Module

Specifications:

Number of Analog Outputs: 32

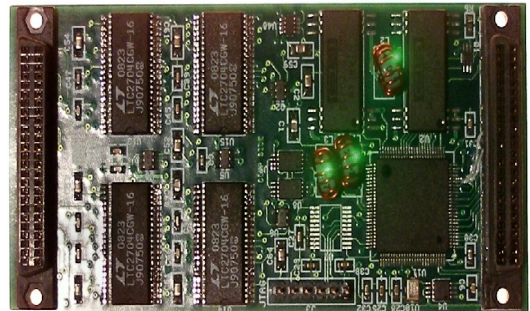
Resolution: 16 bits

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

Output Current: 5mA 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

The MIPDAC32 is the first IP module to offer 32 analog output channels with 16 bit resolution. Each group of 8 outputs may be configured for an FSR of $\pm 10V$, $\pm 5V$, 0-10V, or 0-5V. Each channel has a 4K RAM buffer.

Power Requirements

+5 Volts @ 20mA

+12Volts @ 400mA

An onboard A/D converter allows the user to perform diagnostics. No external supplies are required to run $\pm 10V$ outputs.

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

