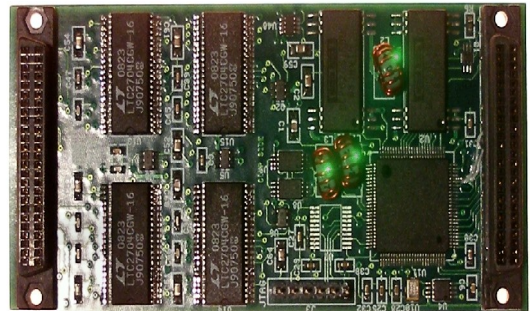




MIPDenseDAC Analog Output Module

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
- 8K 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 MIPDenseDAC is a drop-in replacement for the SBS IPDenseDAC. The customer's existing software written for the SBS product will run the MIPDenseDAC. 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.
- 8K RAM buffer per channel.
- 10mA output current per channel.
- Output Full Scale Range is selected via software.

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