



## MIPDAC8 Analog Output Module

### Specifications:

Number of Analog Outputs: 8 single-ended or 8 differential.

Resolution: 16 bits

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

Output Current: 20mA per channel

Settling time: 10 $\mu$ 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

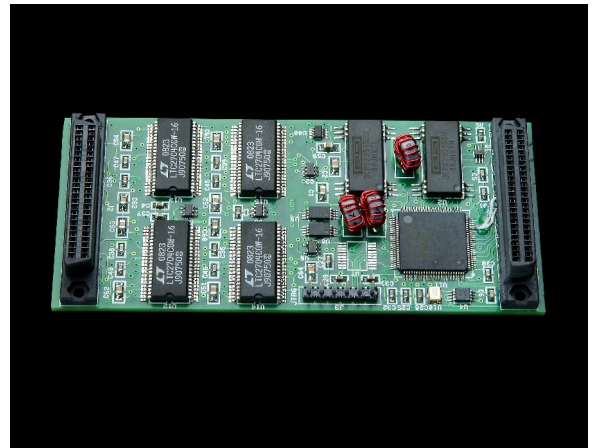
### Environmental

Operating Temperature: -40 to 85 °C

Storage Temperature: -40 to 125 °C

Merlin Embedded

10415 Willow Ridge Loop  
Orlando, FL 32825 (866) 700 7704  
[www.merlinembedded.com](http://www.merlinembedded.com)



The MIPDAC8 is a drop-in replacement for the Acromag® IP235 and IP236. The customer's existing software written for the Acromag® product will run the MIPDAC8. The I/O connections are exactly the same.

### Upgrades include

- Onboard DC-DC converter eliminates the need for an external  $\pm 15V$  supply.
- 8K RAM buffer per channel.
- Single-ended or differential outputs.
- 20mA output current per channel.

*All trademarks are the property of their respective owner. Please note that Merlin Embedded is not associated with any of the companies for whom our products are drop-in replacements.*