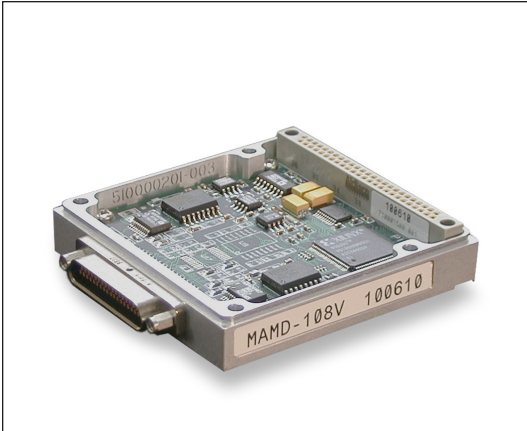


### 8-Channel Differential Analog Multiplexer Module



#### Applications

- Flight test instrumentation
- Factory automation and process control
- Batteries, signal conditioned signals, ...
- Research measurements and experiments

#### Features

- 8-channel module (voltages, pre-conditioned analog)
- Compatible with MEDAU/MCDAU-2000 system
- Per-channel module gain/attenuation (factory set)
- Software programmable overhead gain and offset
- $\pm 0.5\%$  system accuracy
- Zero calibration & voltage substitution
- 1,000 Kiloohms input impedance
- $\pm 35\text{VDC}$  overvoltage protection
- Microsoft Windows application software included

#### Description

The MAMD-108V is an 8-channel differential analog multiplexer module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The module can accept voltages from various system sources including sensors, transducers, batteries, and other pre-conditioned analog voltages and encodes these signals into data words for transmission in the system PCM output format.

Revision 05/12/2015

#### MAMD-108V Datasheet

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 Specifications subject to change without notice.

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