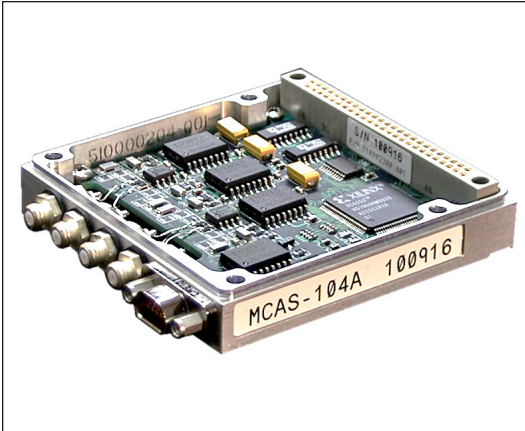


### 4-Channel Charge Amplifier Module



#### Applications

- Flight test instrumentation
- Factory automation and process control
- Research measurements and experiments

#### Features

- 4-channel charge amplifier module
- Use with piezoelectric accelerometers
- Compatible with the MEDAU/MCDAU/MWDAU-2000 system
- $\pm 0.5\%$  system accuracy
- 6-pole Butterworth presample filtering
- 1,000 Megohms input impedance
- Self-corrects DC bias errors
- Programmed with Windows based software
- Microsoft Windows application software included

#### Description

The MCAS-104A is a 4-channel signal conditioning module for use in TTC's MEDAU-2000 and MCDAU-2000 products. The module is intended for signal conditioning of piezoelectric transducers that require presample filtering and software programmable gain. The conditioned analog signal is digitized at up to 12-bit resolution for transmission in the system PCM output format.

Revision 05/12/2015

#### MCAS-104A Datasheet

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 Specifications subject to change without notice.

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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