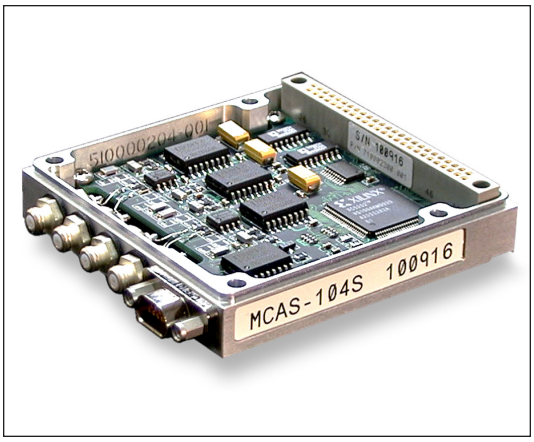
TELETRONICS TECHNOLOGY CORPORATION

MCAS-104S Datasheet

4-Channel Charge Amplifier Module w/ Programmable Filter and Simultaneous Sample Capability



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-2000 System
- ±0.5% System Accuracy
- 6-pole Butterworth Presample Filtering, Software Programmable
- 1,000 Megohms Input Impedance
- Self-Corrects DC Bias Errors
- Simultaneous Sample Capability
- Programmed with Windows Based Software
- Windows 95/98/NT/2000 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 **02/16/2009***

AS9100 ISO 9001 KEMA CERTIFICATE

CAIS Compatible

Teletronics Technology Corporation
15 Terry Drive, Newtown, PA 18940
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com
www.ttcdas.com

©2009 Teletronics Technology Corporation
Specifications subject to change without notice.