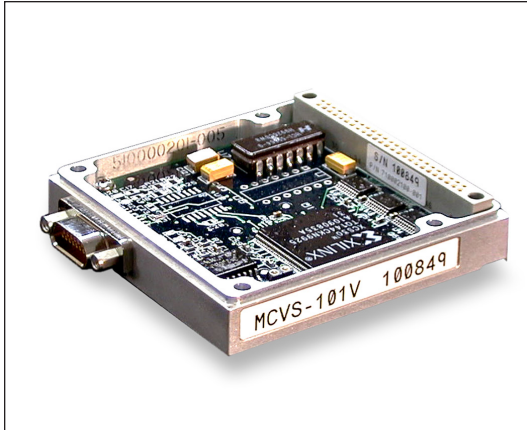


### 1-Channel CVSD Voice Conditioner Module



#### Applications

- Flight Test Instrumentation
- Cockpit Voice, Microphone Systems
- Voice I/O (storage) in Data Processing
- Telecommunications

#### Features

- Voice Conditioner Module, 1-Channel
- All-Digital CVSD Encoding
  - Programmable Bits/Word
  - Programmable Sample Rate
- Compression/Transmission over Low Band-width Systems
- Front-End Flexibility and Compatibility
  - 5, 10, 20, or 40 Volt Microphone Systems
  - Bandpass Filtering
- MEDAU-2000 and MCDAU-2000 Compatible Module
- Meets IRIG-106-96, Chapter 5
- Windows 95/98/NT/2000 Software Included

#### Description

The MCVS-101V is a 1-channel voice encoder module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The module accepts voltages from amplified microphones and encodes these levels using the Continuously Variable Slope Delta (CVSD) modulation technique, into data words for transmission in the system PCM output format.

Revision 05/12/2015

#### MCVS-101V Datasheet

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Specifications subject to change without notice.

Approved for Public Release 16-S-0400



CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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