

Miniature Serial Data Interface



Applications

- Flight Test Measurements
- System Integration

Features

- 1 Channel serial digital module
- Low latency - single word buffering
- Data input up to 6.4 Mbps
- Has a three wire RS-422 interface
- Provides strobe and accepts NRZ-L data with 180-phase Clock
- RS-422 inputs and outputs
- Windows software included

Description

The MSDI-102-6 is a single channel Serial Data Input Module for use in TTC's MEDAU-2000, MCDAU-2000 or MWDAU-2000 series products. The module is used to interface a serial data input of up to 16 bits per word (such as that provided from the Boeing CAIS Wideband/CAIS Interface (WCI) unit) with the TTC MEDAU/MCDAU/MWDAU product lines. The channel accepts RS-422 differential inputs (data and clock) with selectable termination at standard rates up to 6.4 Mbps. Data is requested from the CAIS unit by the module issuing a strobe when a PCM format sample is requested. Incoming data is available for transmission in the PCM output on the next PCM format sample request. Data from the module is formatted as "Class I PCM" (standard fixed-position).

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MSDI-102-6 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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