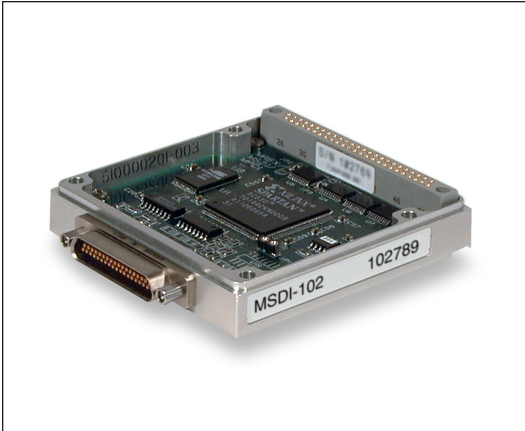


2-Channel Serial Data Input Module



Applications

- Flight Test Measurements
- System Integration

Features

- 2-Channel Serial Digital Module
- Has Four (4) General Purpose RS-422 Inputs and Six (6) RS-422 Outputs
- Accepts IRIG-106-96 Serial Data Streams
- Integrate PCM Encoders from Different Vendors
- Integrate Low-Rate and High-Rate Systems
- Operation at up to 2.0 MBPS
- Encodes Data as an “Asynchronous Embedded Format”
- Uses “EMPTY” Flags to Support Data Recovery
- Accepts NRZ-L and RNRZ-L Data and Zero-phase Bit Clock
- RS-422 or TTL Inputs
- Windows 95/98/NT/2000 Software Included

Description

The MSDI-102 is a 2-channel Serial Data Input Module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The module can be used to integrate PCM Encoders from different vendors with the TTC MEDAU/MCDAU product lines. Each channel accepts either single-ended or RS-422 differential inputs (data and clock) at standard rates up to 2 Mbps on a per-channel basis. All incoming data is FIFO buffered on the module and is selectable by the user for transmission in the PCM output format as “Class I PCM” (standard fixed-position). The embedded PCM data's format is not synchronized with the EDAU/CDAU PCM format.

Revision 02/13/2009

MSDI-102 Datasheet

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



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

www.ttcdas.com