

Cross Channel Data Link Bus Monitor Module



Applications

- Instrumentation
- Avionics Bus Monitoring
- Lab Test

Features

- Cross Channel Data Link (CCDL) Bus monitor module
- Two channels
- RS-422 data input (10 Mbps)
- RS-422 PCM output of all messages
- IRIG-106-96, Chapter 4 data output based on:
 - Selected data from preprogrammed message trigger list
 - Trigger list can have up to 511 messages identified per channel
 - Message filtered on the first 32-bit CCDL data word
- Time tag on a per-message basis
- High, low and micro time
- Multiple modules in a single stack

Description

The MCDL-202A-1 is a two channel Cross Channel Data Link Bus monitor module for use in TTC's miniature stack encoder products. Up to 511 incoming trigger list messages are stored in the local trigger list memory per channel. All messages are triple buffered for coherency. The messages on the trigger list are identified according to the first 32-bit word in the message. Each message is time tagged for insertion into the chassis' format. The MCDL-202A-1 also supplies an RS-422 PCM output with all incoming CCDL messages.

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MCDL-202A-1 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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