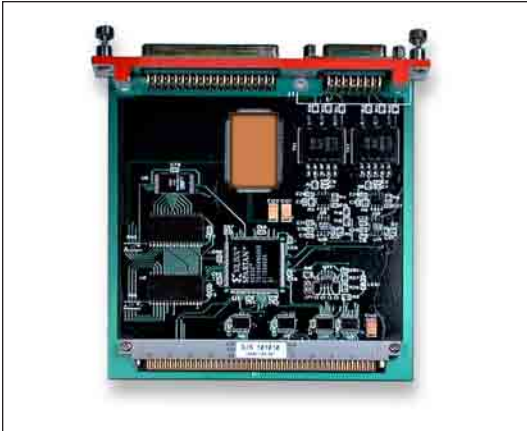


MIL-STD-1553 Remote Terminal Module w/Data Acquisition



Applications

- Combined 1553/data acquisition
- System health monitoring
- Data acquisition systems

Features

- MIL-STD-1553 Remote Terminal (RT)
- Transmits acquired PCM instrumentation data to 1553 bus controller
 - Data is acquired/encoded by the host EDAU/CDAU-20XX
 - Handles all data types including analog, digital and avionics
 - Buffers up to 960 data words for transfer over the 1553 bus
 - 30 subaddresses at 32 words per SA
- As a 1553 RT module:
 - Responds to valid commands received from the bus controller
 - Transmits buffered memory in response to bus controller query
 - Provides status in response to bus controller query
- Supports RS-232 monitoring of acquired 1553 messages and status
- Provides continuous error checking and Built-In Test (BIT)
- Multiple cards in a single unit
- Configurable to operate with analog conditioning cards in the same chassis
- Microsoft Windows application software included

Description

The BRT-553M is a MIL-STD-1553 Remote Terminal (RT) card for use in TTC's EDAU-2000 or CDAU-2000 series products. As an RT, the BRT-553M responds to valid commands received from the bus controller. In addition, instrumentation data acquired by the host stack is available for transmission to the bus controller. The module performs word/message validation and extensive Built-In Test (BIT), the results of which are available over the 1553 bus to the bus controller or via the host stack's RS-232 programming port.

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BRT-553M Datasheet

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