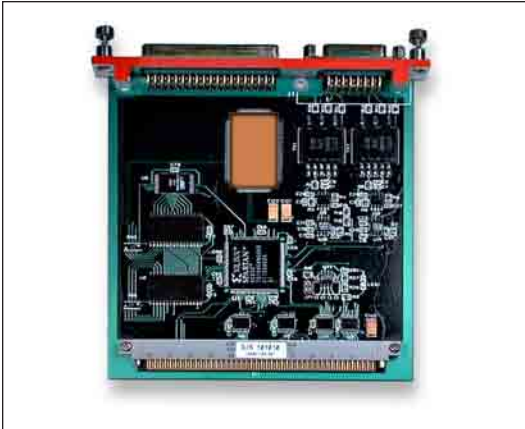


MIL-STD-1553 Remote Terminal Card



Applications

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

Features

- MIL-STD-1553 Remote Terminal (RT) card
- Transmits acquired PCM instrumentation data to 1553 bus controller
 - Data is acquired/encoded by the host AIC-200X
 - 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 card:
 - 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 chassis
- Microsoft Windows application software included

Description

The BRT-553H is a MIL-STD-1553 Remote Terminal (RT) card for use in TTC's AIC-200X series products. As an RT, the BRT-553H responds to valid commands received from the bus controller. In addition, selected instrumentation data acquired by the host chassis is available for transmission to the bus controller. The card 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 chassis RS-232 programming port.

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BRT-553H Datasheet

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