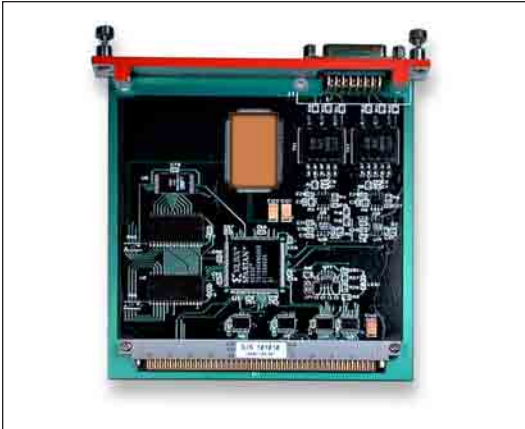


MIL-STD-1553 Remote Terminal



Applications

- 1553 instrumentation
- Avionics bus monitoring
- Data acquisition systems

Features

- MIL-STD-1553 Remote Terminal (RT)
- As a 1553 RT card:
 - Responds to valid commands received from the bus controller
 - Transmits buffered memory in response to bus controller query
 - Receives and buffers data from bus controller
- Supports PCM transmission of acquired 1553 messages and status
 - Buffers provided for 30 subaddresses
 - Includes all receive and transmit messages
 - Provides 32 words per subaddress
- Supports RS-232 monitoring of acquired 1553 messages and status
- Provides continuous error checking and built-in test
- Multiple cards in a single unit
- Configurable to operate with analog conditioning cards in same unit
- Microsoft Windows application software included

Description

The BRT-553 is a MIL-STD-1553 Remote Terminal (RT) card for use in TTC's EDAU-20XX or CDAU-20XX series products. As an RT, the BRT-553 responds to valid commands received from the bus controller. Messages are temporarily buffered and are available for transmission in the PCM output format as "Class I PCM" (standard fixed-position), or can be monitored through the host unit's RS-232 programming port. The card performs word/message validation and extensive Built-in Test (BIT), the results of which are available over the 1553 bus by the bus controller, through the host unit's PCM output format, or via the host unit's RS-232 programming port.

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BRT-553 Datasheet

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

www.ttcdas.com