

Dual-Redundant MIL-STD-1553 Bus Monitor Module



Applications

- 1553 Instrumentation
- Avionics Bus Monitoring
- Lab Test

Features

- MIL-STD-1553 Bus Monitor Module
- One Dual-Redundant Input Channel
- Supports 1553A/B and MACAIR
- IRIG-106-96, Chapter 4 data output based on:
 - Selected data from preprogrammed message trigger list.
 - Selected data from local bulk message storage.
 - All incoming data (FIFO based) per IRIG-106 Chapter 8
- Time Tag on a Per-Message Basis
 - High, Low and Micro Time
- Multiple Modules in a Single Stack
- Configurable to Operate with Analog Conditioning Modules in Same Stack

Description

The MBIM-553-4 is a 1-channel, dual-redundant, MIL-STD-1553 Bus Monitor Module for use in TTC's MEDAU-2000 or MCDAU-2000 products. The module supports either direct or transformer coupling. Time tagging is provided on a per-message basis. Incoming trigger list messages are stored in local trigger list memory, and the rest of the bulk messages are stored in secondary memory for retrieval under format control. Additionally, all incoming data messages are FIFO buffered per IRIG-106 chapter 8 for optionally retrieval of all 1553 data per chapter 8 within chapter 4 data stream.

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MBIM-553A-4 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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