

### 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 Chapter 8 (100% data)
  - Use MCMP-112 module in stack
- 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 within Chapter 4
- 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-553-8 is a 1-channel, dual-redundant, MIL-STD-1553 Bus Monitor Module for use in TTC's MEDAU-2000 or MCD AU-2000 products. 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. The module also provides 100% of incoming data per IRIG 106 chapter 8 through the use of MCMP-112.

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#### MBIM-553A-8 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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