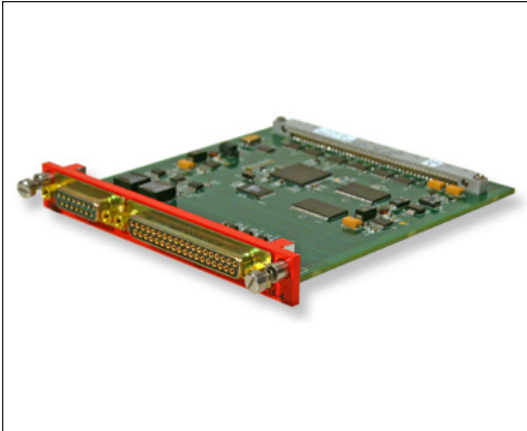


## Dual Redundant MIL-STD-1553 Bus Monitor



### Applications

- MIL-STD-1553 instrumentation
- Avionics bus monitoring
- Lab test

### Features

- MIL-STD-1553 bus monitor card
  - One dual-redundant input channel
  - Supports 1553 A/B and MACAIR
  - Direct or transformer coupling
- IRIG 106-96, Chapter 4 (selected data)
  - Selected data from pre-programmed message trigger list
  - Selected data from local bulk message storage
  - All incoming data (FIFO based) per IRIG 106 Chapter 8 within Chapter 4
- Timestamp on a per message basis
  - High, low and micro time
- Multiple cards in a single unit
- Configurable to operate with analog conditioning cards in the same unit
- Microsoft Windows application software included

### Description

The BIM-553A-4 is a dual-redundant MIL-STD-1553 bus monitor module for use in TTC's EDAU/CDAU-2000 series products. The module supports either direct or transformer coupling under user-program control. High time, low time, and micro timestamping are provided on a per-message basis. All incoming MIL-STD-1553 messages are temporarily buffered on the module and can be selected by the user for transmission in the PCM output format as "Class I PCM" (standard fixed-position), and as "Class II PCM".

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### BIM-553A-4 Datasheet

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