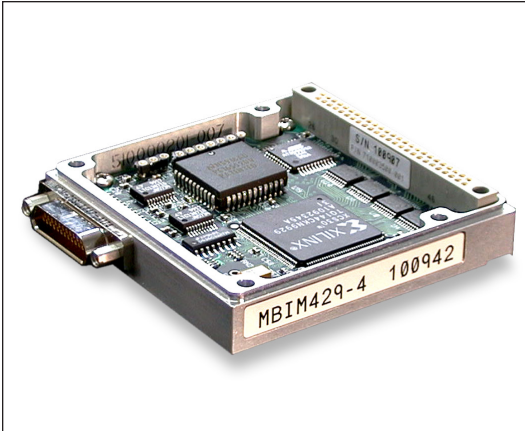


## 4-Channel ARINC-429 Bus Monitor Module



### Applications

- Commercial aircraft instrumentation
- Avionics
- Lab test

### Features

- 4-channel ARINC-429 bus monitor module
- MEDAU-2000 and MCDAU-2000 compatible
- Supports up to 256 labels per bus
- Time tags the receipt of a valid word
  - Supports high, low and micro time tag
- Operates in the listen mode
- Programmable high or low speed (2-channel basis)
- Programmable data storage based on data labels & SDI bits
- Microsoft Windows application software included

### Description

The MBIM-429-4 is a 4-channel ARINC-429 bus monitor module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The module receives data from up to four (4) standard avionics ARINC-429 serial digital data buses. The incoming data rate is programmable on a 2-channel basis at either 12.5 kHz (lo speed) or 100 kHz (hi speed). High time, low time, and micro time tagging are available on a per-word basis (requires an MIRG-101B module within the same stack as the MBIM-429-4 module(s)). All incoming ARINC-429 data is stored on the module and is programmable by the user for insertion in the PCM output format as "Class I PCM" (standard fixed-position).

Revision 05/12/2015

### MBIM-429-4 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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