

8-Channel ARINC-429 Bus Monitor Card



Applications

- Commercial aircraft instrumentation
- Avionics
- Lab test

Features

- 8-channel ARINC-429 bus monitor card
- EDAU-2000 and CDAU-2000 compatible
- Supports up to 256 labels per bus
- Timestamps the receipt of a valid word
 - Supports high, low and micro timestamp
- Operates in the “listen mode”
- Programmable “high” or “low” speed (2-channel basis)
- Programmable data storage based on data labels and SDI bits
- IRIG 101-96 Chapter 8
 - 100% of all ARIC data output
 - Uses CPM-112 card in the unit
- Microsoft Windows application software included

Description

The BIM-429-8 is an 8-channel ARINC-429 bus monitor card for use in TTC’s EDAU/CDAU-20XX series products. The card receives data from up to eight (8) 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 timestamping are available on a per-word basis. All incoming ARINC-429 data is stored on the card and is programmable by the user for insertion in the PCM output format as “Class I PCM” (standard fixed-position). In addition the card provides 100% of the ARINC data through the CPM-112 card.

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BIM-429-8 Datasheet

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