8 Channel ARINC-429 Bus Monitor Module
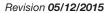

Applications

- Commercial aircraft instrumentation
- Avionics
- Lab test

Features

- 8 channel ARINC-429 bus monitor module
- MEDAU/MCDAU/MWDAU-20XX 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 12.5kHz, 50kHz or 100kHz speed
- Programmable data storage based on data labels & SDI bits
- Microsoft Windows application software included

Description

The BIM-429C-1 is an 8 channel ARINC-429 bus monitor module for use in TTC's MEDAU/MCDAU/MWDAU-20XX series products. The module receives data from up to eight (8) standard avionics ARINC-429 serial digital data buses. The incoming data rate is programmable on a per channel basis for 12.5 kHz, 50 kHz or 100 kHz bit rate. High time, low time, and micro timestamping are stamped on a per-word basis. 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).