

2-Channel Digital Altitude to ARINC-429 Card



Applications

- Flight test instrumentation
- Flight test data recording
- Lab test

Features

- For use in TTC's EDAU/CDAU-20XX series products
- Converts digital altitude bus to ARINC-429 bus
- Two (2) independent channels per card
- Operates in the "listen" mode only on the digital altitude bus
- Operates in the "talk" mode only on the ARINC-429 bus
- ARINC-429 operation is at low (12.5Khz) speed only
- Multiple BIM-100-1 cards can operate in a single chassis

Description

The BIM-100-1 is a 2-channel bus converter from the Digital altitude bus to ARINC-429 bus. Both channels operate independently. The card operates in receive mode only on the digital altitude bus, and in the transmit mode only on the ARINC-429 bus. Incoming 24-bit per word digital altitude data is converted to a 32-bit ARINC-429 bus word. The card does not provide digital altitude data or ARINC-429 data into the PCM. The card operates as a companion function to TTC's BIM-429-4 and BIM-429-8 cards.

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BIM-100-1 Datasheet

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