

new product

APM429



PC-Card for
ARINC429
Test & Simulation

Perform ARINC429 testing
in your laptop with AIM's
new PC-Card!

General Features

The APM429 PC-Card offers full function test, simulation, monitoring and databus analyser capabilities for ARINC429 applications and has 4 (2Tx/2Rx), 8 (4Tx/ 4Rx) or 16 (8Tx/ 8Rx) channels. In addition the APM429 supports up to 8 discrete input /output signals to be monitored or generated.

An on-board IRIG-B time code decoder and generator allows users to accurately synchronise single or multiple APM429 modules to a common time source.

The APM429 module has integrated line receivers/ transmitters for each of the ARINC429 channels.

The APM429 module operates with the optional 'PAA-429' ARINC429 Databus Analyser Software and with the 'ParaView' the Parameter Visualiser for Windows 2000/XP.

A common programming application interface (API) supports all AIM ARINC429 modules.

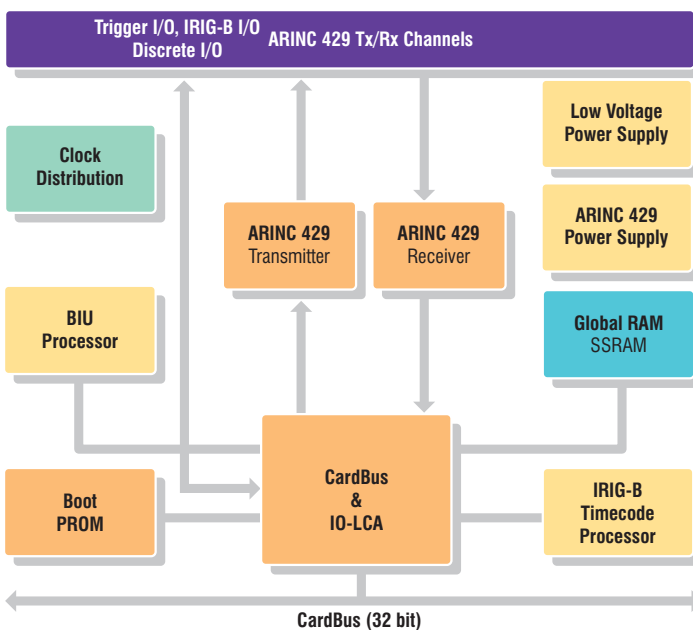
Avionics Databus Solutions

Key Features:

- Robust and Low Power PC-Card (PCMCIA, Type II) supporting up to 16 ARINC429 Channels
- Hot plug capability
- Ruggedised (screw-locked type) SCSI-III connector
- 4 (2Tx/2Rx), 8 (4Tx/4Rx) or 16 (8Tx/8Rx) Channel versions
- Concurrent Operation for Simulation/Monitoring on all Channels
- Full Error Injection/ Detection Capability
- Multi Level Triggering for Capturing/ Filtering
- IRIG-B Time Decoder for Data Correlation
- Real Time Recording and Synchronised Bus Replay
- 8 bi-directional Discrete I/O signals
- Drivers for Windows 2000/XP, Linux, LabVIEW/VI's & LabWIN/CVI's included
- Powerful **PAA429/ParaView** Databus Analyser/ Parameter Visualiser Software available
- Software compatible with AIM's family of PC104+, PMC PCI, CompactPCI, VME and VXI ARINC429 Cards



PHYSICAL I/O INTERFACE



APM429 Block Diagram

new product

www.aim-online.com



Right on Target



