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CVXI-629 ARINC-629 Tester Module



The CVXI-629 is a single slot "C" size VXI compatible module designed to provide broad ARINC-629 bus testing capabilities, multiple terminal simulation, and monitoring of ARINC-629 bus traffic and fault insertion and detection. Up to four (4) fully independent ARINC-629 channels are provided on a single slot Multiple Device CVXI-629 module that contains four independent VXIbus Message Based devices, one device per ARINC-629 channel. The module utilizes the Boeing approved DATAC device for all normal mode data transmission and reception supporting Periodic, Aperiodic, C mode, Block mode, Alternate, and Independent mode. The card supports 120 terminal simulation and arbitrary traffic generation, on a per channel basis. The user can connect the four CVXI-629 channels to different ARINC 629 busses and test, simulate, monitor and insert faults on all busses simultaneously and at the maximum data rates, continuously.

- Four (4) Fully Independent ARINC 629 Channels
- All Channels Send and Receive Data Simultaneously at Full Speed
- Each of the four Channels can Simulate up to 120 Terminals
- Extensive 629 Bus Error Injection and Detection Capability on all four Channels
- Programmable Traffic Generator Mode can Transmit Arbitrary ARINC-629 Data on any or all channels Simultaneously
- Each Channel is an Independent VXIbus Device with its own 32-bit 29030 RISC CPU
- Message Based VXIbus Devices with Shared Memory Support Fast Host Data Transfers
- 4M Byte Shared Memory per Channel (16M Byte Total), Expandable to 16M Byte per Channel (64M Byte Total)
- Host Software Support with Extensive "C" Library Calls and Utilities
- High Reliability Boundary-Scan (JTAG) Compatible "Designed-for-Test" Module

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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