

2-Channel 400Mbps IEEE 1394b Interface Card



Features

- For use in TTC's MUX-300X(R) Products
- Two independent IEEE 1394b interfaces
- Each interface capable of 400Mbps Bitrate
- Each interface provided on a separate D-Subminiature 9-pin connector
- Adheres to IEEE 1394b standards (w/custom ruggedized connectors)
- Interfaces to customized 33Mhz-32bit CompactPCI® Bus interface
- 1394b link controllers are OHCI 1.1 compliant
- 1394b interfaces transformer coupled to line
- Full-speed operation with high-speed 1394b cable lengths up to 40 ft. (transformer coupled)
- Multiple XBIM-394 cards can operate simultaneously in a single chassis
- 3.3VDC operation

Applications

- High-speed Avionics Data Acquisition
- Flight Test Data Recording
- Flight Test Instrumentation

Description

The XBIM-394 board is designed to fulfill the role of providing a Dual IEEE 1394b interface card for use in TTC's MUX-300X(R) product. The XBIM-394 card provides two independent IEEE 1394b compliant interfaces each capable of data rates up to 400Mbps. The two 1394b interfaces are accessible at the XBIM-394 faceplate via two identical D-Subminiature 9-pin receptacles. Each connector corresponds to a single 1394b interface. The 1394b interface ports provide LEAF functionality. Data acquired by the XBIM-394 card is transported to the Overhead card memory via a customized high-speed CompactPCI® bus where the data can then be stored on a data recorder. One or more XBIM-394 boards can simultaneously reside in the MUX-300X chassis.

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XBIM-394 Datasheet

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Specifications subject to change without notice.

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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