

16PP Weapons - Multiplex Bus Monitor Interface Card



Applications

- Airborne 16PP194 W-Multiplex Bus Monitoring
- Data Acquisition Systems
- 1553 Avionics Bus Monitoring
- Flight Test Data Recording
- Flight Test Instrumentation
- Lab Test

Features

- Bus Monitor function for one total 16PP194 Weapons - Multiplex Bus input channel
- Bus Monitor function for single-channel 1553 input channel
- Bus monitor channels support
 - Dual redundancy
 - Direct or Transformer Coupling Inputs
 - Time tag per IRIG Chapter 10
 - 100 % data recording
- Interfaces to Customized 33Mhz – 32bit CompactPCI® Bus Interface
- Multiple XBIM-162P cards can be used in the same unit
- Windows XP/2000 Software Included

Description

The XBIM-162P is a single-channel dual-redundant F-16 16PP Weapons - Multiplex Bus monitor and a single-channel dual-redundant 1553 Bus monitor card for use in TTC's MUX-300X products. The XBIM-162P provides a bus monitor function for one total F-16 weapons multiplex bus as defined in documents 16PP194 and 16PP362 (Weapons MUX (WMUX) protocols). While the XBIM-162P monitors 1553 messages on the 16PP Response Bus, the XBIM-162P also provides bus monitoring of an independent 1553 bus. Bus data acquired by the XBIM-162P card is preformatted in IntraPacket messages that are transported to the Overhead card memory via a customized high-speed CompactPCI® Bus. The card supports either direct or transformer coupling under user program control. IRIG 106 Chapter 10 time tagging is provided on a per-message basis (requires an XIRG-300, or XGPS-300 card to be placed within the same unit).

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XBIM-162P Datasheet

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