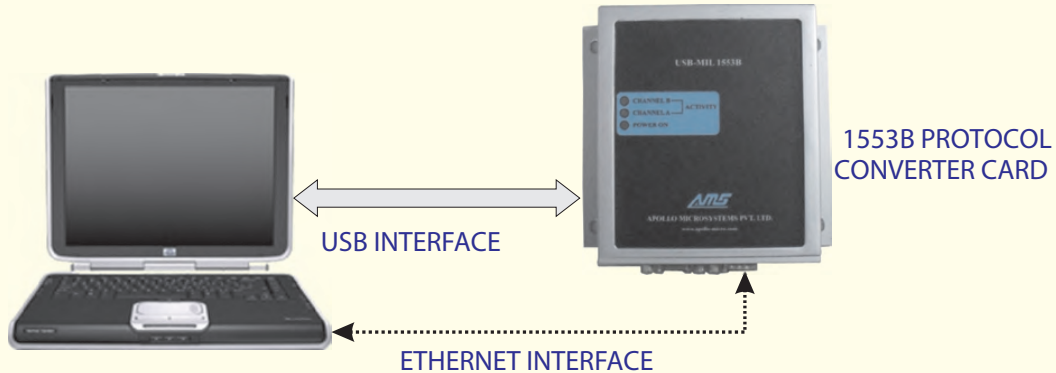


1553B to USB/Ethernet Protocol Converter



USB/ ETHERNET MIL-STD 1553B PROTOCOL CONVERTER

FEATURES

- Dual Redundant Mil. Std. 1553 Bus Channels.
- Bus Controller, Remote Terminal or Monitor Operation.
- Periodic Message Scheduling.
- Aperiodic Messages.
- Full status Monitoring of Transmit and Receive Events.
- Time Stamping and Timer Synchronisation.
- USB Powered

SPECIFICATIONS

- One to Four Independent MIL-STD 1553B Dual Redundant Channels.
- Fully Compatible to MIL-STD 1553B Notice2.
- Supports all 1553B message formats and mode codes.
- Built - in On-Board Time tag counter.
- Software programmable RT Command initialization logic.
- Support bulk data transfer using RT sub - address circular buffers.
- 64K x 16 Bit On-Board memory per node.
- RT address is user programmable.
- Programmable real time clock.
- Two programmable timers.
- IRIG TIME (optional).

DESCRIPTION

AMS 1553B to USB/Ethernet Converter Card is a Low Power compact unit to convert 1553 messages to Ethernet/USB and Viceversa. The Ethernet Protocol is implemented in both TCP/IP and UDP. The unit is packed in an Aluminum enclosure and available in commercial as well a Rugged Environments.

APPLICATIONS

- Mission Computers
- Avionics
- Communication Links
- Spacecraft
- Ground Vehicles
- Flight Data Recorders
- Test Systems
- Flight Computers

* Note : Specifications are subject to change without notice