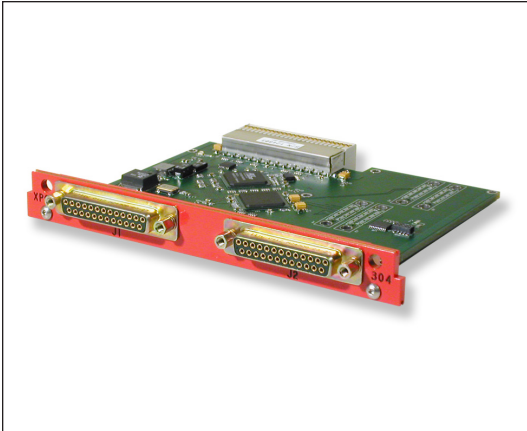


4-Channel PCM Interface Card



Applications

- Data Acquisition Systems
- Flight Test Instrumentation
- Lab Test

Features

- For use in TTC'S MUX-300XX products
- Four (4) independent PCM channels
- Each channel supports differential or single-ended input signals
- Built-in programmable frame correlator per channel
- Operation up to 20 Mbps per channel
- Multiple XPCI-304 cards can operate in a chassis

Description

The XPCI-304 is a 4-channel PCM Input Card for use in TTC's MUX-30XX products. The XPCI-304 card has four independent channel inputs, each of which accepts either single-ended or RS-422 differential inputs at rates up to 20 Mbps on a per-channel basis. All incoming data is buffered on the card, formatted as embedded PCM words, and sent to the Overhead card for eventual telemetry storage on the recorder unit. The aggregate data rate output can be up to 80 Mbps. The four PCM/Clock interfaces are accessible at the XPCI-304 faceplate via two DB-25 connectors. Multiple XPCI-304 cards can reside in a given chassis. The XPCI-304 driver and application software are available on the Overhead card that resides in the same chassis as the XPCI-304. The XPCI-304 can be programmed to enable or disable each individual channel, accept either single-ended (TTL) or differential (RS-422) inputs, setup the frame decommutation. The card provides background status reporting on a channel basis.

Revision 03/25/2009

XPCI-304 Datasheet

©2009 Teletronics Technology Corporation
 Specifications subject to change without notice.



Teletronics Technology Corporation
 15 Terry Drive, Newtown, PA 18940
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com