ACB2/EX

Description

The new ACB2/EX provides the PC with a single high-speed Synchronous/Asynchronous channel. The RS-422 interface allows the ACB2/EX to communicate reliably at high-speeds under harsh conditions, which makes it an ideal solution for industrial environments. Line noise, present in industrial environments, is eliminated over the RS-422 line.

Typical applications where the ACB2/EX excels are:

- Protocols including SDLC, HDLC, X.25, MONOSYNC, BISYNC, and Async
- Fractional T1 pipelines & data highways
- PLC Communications
- Flexibility of board design allows interfacing with a variety of both standard and unusual protocols

Ordering Guide

ACB2/EX   Card, manual, software

Specifications

Number of Ports	Single RS-232/422/485/530
Communication Controller	85230-8 ESCC
Oscillator Frequency	7.3728 MHz
Maximum Data Rate	1.8432 Mbps
Maximum Distance	Up to 5000 ft. @ 9600 bps
RS-485 Operation	2- or 4-wire
Temperature	Operating: 0° to 50°C
	Storage: -20° to 70°C
Humidity	10 to 90% RHNC
Power Requirements	+5VDC @ 275mA
	±12VDC @ 50mA each
MTBF	>150,000 Hr. (calculated)
Connector	DB-25P
Dimensions	5.3" x 4.2" (134.6mm x 106.6mm)

Features

- ■ **Utilizes 85230 ESCC (Enhanced Serial Communications Controller)**
- ■ **4 DMA Channels Provide Full Duplex DMA for Increased Data Rates**
- ■ **Standard EIA-530 Pin-Out to Make Integration Simple**
- ■ **Software Programmable Baud Rate Provides Easy Control**
- ■ **Software Tool Kit Including Windows Drivers, Applications and Sample Source Code Provided**

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