

OMG-ACB Synchronous/Asynchronous RS-232/422/485/530 Interfaces For IBM PC/XT/AT and Compatibles

TRODEKS®

\$199
Basic Unit



IBM PC



SERIAL I/O



OMG-ACB-IV, \$199, shown smaller than actual size

- ✓ Single and Dual Channel Interfaces
- ✓ Reliable Communication up to 5000 Feet (1.5 km)
- ✓ OEM Security Feature for Software Protection (OMG-ACB-II)
- ✓ Selectable Address
- ✓ Individually Selectable Interrupts 3-5 and DMA Channel 1-3
- ✓ 2 or 4-Wire RS-422 Operation
- ✓ DB-25 Male Shielded Connectors
- ✓ Driver Software Examples Provided
- ✓ WIN 95/98/ME/NT/2000/XP HDLC/SDLC Drivers, Applications, and Sample Source Code Included

Line noise, present in industrial environments, is eliminated over the RS-422 line. By utilizing RS-422, factory applications requiring long distance communications operate with high data integrity. Signals are transmitted and received via 25-pin sub-D connector(s). The OMG-ACB-II is also capable of RS-232 for applications requiring shorter distances and RS-232 compatibility.

Balanced differential drivers and receivers are utilized to provide RS-422 and RS-485 communications. Selectable interrupts (IRQ levels) increases the card's versatility. Distances of 5000 ft in noisy industrial environments are easily accommodated with the OMG-ACB.

Specifications

SERIAL COMMUNICATIONS

Controller: 85230-8

Protocols Supported: X.25, SDLC, HDLC, MONOSYNC, BISYNC, and high speed ASYNC

Ports: OMG-ACB-II: single RS-232/422/485/530; OMG-ACB-IV: dual RS-422/485/530

Max Data Rate: 1.2288 Mbps

Max Data Distance: 5000' @ 9600 bps

RS-485 Operation: Two or four wire

Connectors: 25-pin sub-D

Operating Ambient: -0 to 50°C (32 to 122°F); 0 to 90% RH

Storage Ambient: -20 to 70°C (-4 to 158°F)

Power: OMG-ACB-II: +5 V @ 275 mA, ±12 V @ 50 mA each; OMG-ACB-IV: +5 V @ 710 mA

The OMG-ACB Series provides the PC-based system with single/dual high-speed synchronous/asynchronous links to instruments requiring extremely fast data flow. The RS-422 communications standard allows the OMG-ACB to communicate reliably at high speeds under harsh conditions, which makes it an ideal solution for industrial environments.

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
OMG-ACB-II	\$199	Single port high speed RS-232/422/485/530 interface
OMG-ACB-IV	319	Dual port high speed RS-422/485/530 interface