

Dual Channel High Speed Serial Interface

Synch/Async RS-530/422/485 Operation



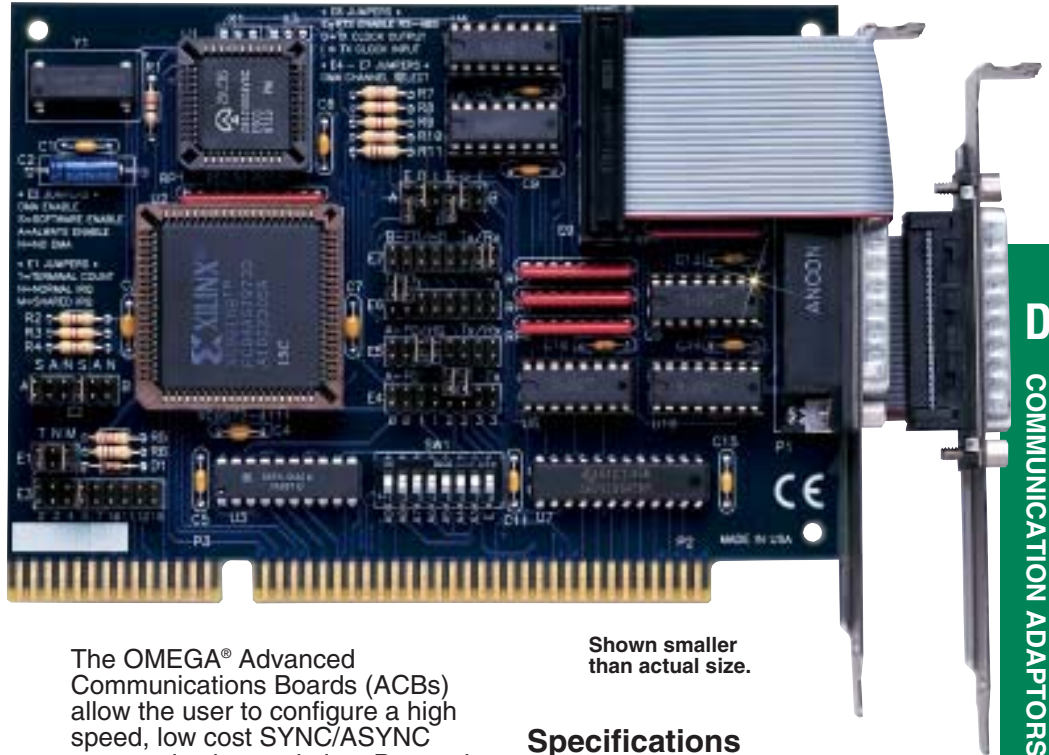
OMG-ACB-530
\$299
 Basic Unit



- ✓ 85230 Serial Communications Controller
- ✓ DMA Supports Data Rates Greater than 1 Million BPS
- ✓ Full Duplex DMA Transfer Capability on Both Channels A and B
- ✓ Selectable Port Address, IRQ Level (2, 3, 4, 5, 7, 10-12, 15) and DMA Channels (0, 1, 2, 3)
- ✓ DMA Terminal Count Interrupt Supported
- ✓ OEM Security Feature for Software Protection
- ✓ WIN 95/98/Me/NT/2000 HDLC/SDLC Drivers, Applications and Sample Source Code Included

Applications

- ✓ Users Requiring Protocols such as 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 Standard and Unusual Protocols



Shown smaller than actual size.

The OMEGA® Advanced Communications Boards (ACBs) allow the user to configure a high speed, low cost SYNC/ASYNC communications solution. Protocols supported include X.25, SDLC, HDLC, MONOSYNC, BISYNC, and high speed ASYNC. The serial Communications Controller allows Full Duplex communications at speeds greater than 1M bps without the added cost of an intelligent communications coprocessor. This feature gives the ACB user an unparalleled cost/performance ratio. Models are available with one or two communication ports and support for a variety of communication standards. Both ports can be operated in full duplex DMA mode. Using this feature, both channels can operate at very high data rates with DMA.

Specifications

Controller: 85230-8

Ports:

OMG-ACB-503-I: single port RS-530, RS-422 or RS-485

OMG-ACB-530-II: dual port RS-530, RS-422 or RS-485

Max Data Rate: 1.8432M bps

Max Data Distance: 5000 ft at 9600 bps

RS-485 Operation: two or four-wire

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: +5 V @ 195 mA

Connector(s): DB25P; EIA-530-DTE

To Order (Specify Model Number)

Model Number	Price	Description
OMG-ACB-530-I	\$299	Single port RS-530/422/485 interface
OMG-ACB-530-II	319	Dual port RS-530/422/485 interface
OMG-ACB-530-CAB-01	25	RS-449 cable adaptor converts RS530 pinout to RS-449 male, 9"

Each unit supplied complete with operator's manual and software tool kit

Ordering Example: OMG-ACB-530-II dual RS-530/422/485 interface and OMEGACARESM 1-year extended warranty (adds 1 year to standard 1-year warranty), \$319 + 31 = \$350.

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