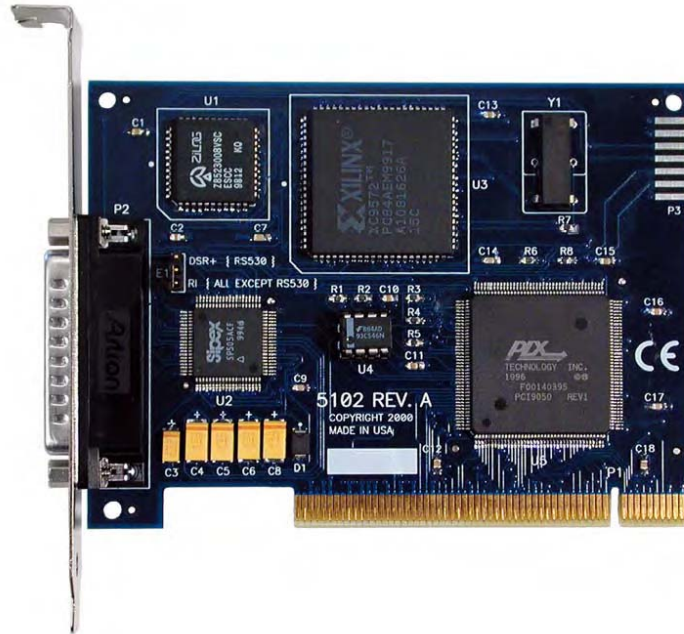


## ➤ PCI-ACB

## ➤ PCI SYNC/ASYNCRS-232/422/485/530 adapter with Z85230 ESCC™



The model PCI-ACB is the multiple protocol PCI synchronous serial port board to link devices that require high-speed synchronous communications from a standard PC.

The PCI-ACB is the PCI version of our popular ISA ACB2/EX and our new PCMCIA PC-ACB/MP. The PCI-ACB, like all the ACB family, uses the flexible Zilog 85230 SCC as the foundation for its high speed communications. The Zilog 85230 SCC supports programmable baud rates and various protocols such as HDLC, SDLC, X.25, BISYNC, or MONOSYNC. A software toolkit is included with programming samples and source code to shorten development time.

The PC-ACB conforms to PCI 2.1 specifications and can be accessed over a PCI bridge. The PCI-ACB also utilizes the Sipex-505 multi-protocol electrical interface chip that allows the PCI-ACB to be compliant with EIA/TIA-530/530A, EIA/TIA-232E, EIA/TIA-485, and ITU V.35. The PCI-ACB is an excellent choice as a PCI interface to other synchronous port devices that use the ZILOG SCC or other non-standard Synchronous communication protocols.

### Features of the PCI-ACB:

- Single Channel Synchronous Serial Communications
- Data rates to 128K bps (burst)
- Configurable for RS-232, RS-422, RS-485, RS-530, RS-530A, or V.35
- Z85230 Enhanced Serial Communications Controller (ESCC™)
- Software Tool Kit Included
- Programmable options for Transmit clock as input or output
- DB-25M connector
- X.21 and RS-449 serial interface capability with versatile cabling options

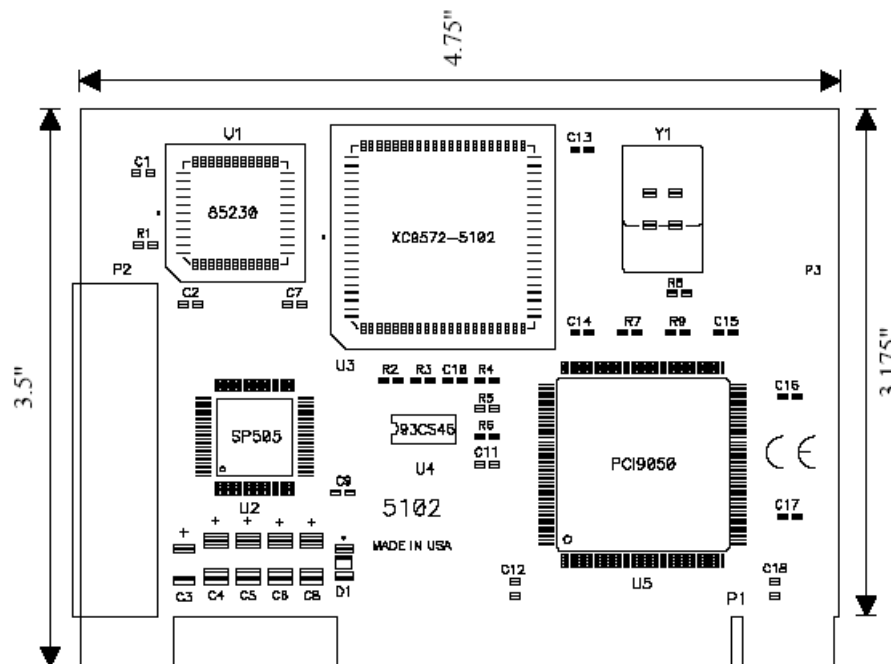
## ► Technical Specifications

<b>Channels</b>	Single port
<b>Communications Chip</b>	85230-8 ESCC
<b>RS-485 Operation</b>	Full Duplex (4 wire) Half Duplex (2 wire)
<b>Oscillator Frequency</b>	7.3728MHz
<b>Max. Data Rate</b>	128K bps (burst)
<b>Max. Data Distance</b>	50 feet (RS-232) 4000 feet (RS-485)
<b>Interfaces</b>	RS-232, RS-422, RS-485, RS-530, RS-530A, or V.35
<b>Power Required</b>	+5VAC @ 350mA
<b>Bus</b>	PCI 2.1 compliant
<b>Connector</b>	One 25-pin DB male on rear card bracket

<b>Operation Temperature</b>	0 ° to 70 °C
<b>Storage Temperature</b>	-50 ° to 105 °C
<b>Maximum Humidity</b>	10 to 90%, non-condensing
<b>MTBF</b>	Greater than 150,000 hours (calculated)
<b>Length</b>	4.75-inches (120.65mm)
<b>Certifications</b>	CE Conformity with: EU EMC Directive 89/336/EEC EU Low Voltage Directive 72/23/EEC EN 50081-1:1992 Emissions EN 50082-1:1992 Immunity EN 60950: 1992 Safety
<b>OS Support</b>	Software Development Toolkit, supports DOS and Windows 98 – XP

## ► Available Accessories

Item	Description
CAB-104	DB-25 M-F RS-232 cable
CAB/V35-36	V.35 Interface cable, "CA-103" 36in (914mm)



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