Asynchronous Serial PCI

Low Profile PCI RS-232, RS-422, RS-485, RS-530 Serial Interface

Item # 7106

The 7106 Low Profile PCI serial interface provides one serial port configurable for RS-232, RS-422, RS-485, or RS-530. The board is capable of data rates to 921.6K bps and automatically handles RS-485 transmitter enable/disable. The 7106 utilizes a 16C850 UART to provide 128-byte Tx/Rx FIFOs for maximum reliability in data intensive applications. The board is MD1 Low Profile and Universal Bus (3.3V and 5V) compatible.

The 7106 is for use in Low Profile PCI slots only. If you have a standard size PCI slot, order the 7106S. For custom baud rates and 9-bit protocols, order the 7106-SN which utilizes a 16C950 UART. If your application requires RoHS compliance, order the 7106-RoHS.

Unique Features

▸▸ Configurable for RS-232, RS-422, RS-485, or RS-530
▸▸ 16C850 buffered UART with 128-byte FIFOs
▸▸ Data rates to 921.6K bps
▸▸ MD1 Low Profile and Universal Bus (3.3V and 5V) compatible
▸▸ Automatic RS-485 enable/disable
▸▸ DB-25M connector

Technical Specifications

Number of Ports	1
Communications Chip	16C850
Max Data Rate	921.6K bps
Max Data Distance	4000 feet
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.