TS47 4S RS232 Express Card (34mm)

- ✓ Full ExpressCard/34mm Compliant, up to 250MB/sec
- ✓ ExpressCard Advanced Error Reporting Capability Including ECRC Support
- ✓ 4 Fully 16C950 High performance UART channels
- ✓ UARTs Fully Compatible with 16C550-type Devices
- ✓ Baud Rate up to 921.6Kbps
- ✓ 128-byte deep FIFO per transmitter and receiver
- ✓ Detection of Bad Data in the Receiver FIFO
- ✓ 9-bit Data Framing, as well as 5,6,7 and 8 bits
- ✓ Automated in-band flow control using programmable Xon/Xoff in both directions
- ✓ Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#
- ✓ Complete Software Supports for 98, Me, Windows 2000, XP, and Linux



INTRODUCTION

The TS47 provides a reliable solution for Notebook PC to connect serial peripherals such as GPS receivers, serial printers/plotters, barcode scanners, digital cameras, PDAs, Cell Phones and fax/modems over its new Express Card Slots.

The ExpressCard provides a scalable, high-speed, serial I/O bus that maintains backward compatibility with CardBus applications and drivers. Its architecture defines a high-performance, point-to-point, scalable, serial bus at speed of 250Mbytes/sec.

The TS47 is compact in size and low power requirements to support the major serial portable devices. The UART is the newest generation of the 16C950. It equipped a 128-byte deep data FIFO and auto-flow control features to speed up the data transfer to 921.6Kbps without the under-run and over-run problems.

The TS47 is ideal for a wide variety of applications including field data collection, industrial control and monitoring. With its complete hardware and complete driver support, the TS47 is an ideal upgrade to support all UART-serial-compatible devices for the rapidly changing Notebook computer to preserve user's investment in serial interface.

SPECIFICATIONS

System

For Systems with at least one 34mm or 54mm ExpressCard Slot, bandwidth 250Mbytes/sec

ExpressCard

Fully ExpressCard Standard, Release 1.0 compliant.

Serial Ports

4 DB9-Male UART Serial ports, the key benefits are:

- ✓ 16C950 UART compatible, 128-byte deep FIFOs per Transmitter and Receiver
- ✓ Up to 921.6Kbps baud rate.
- ✓ Automated in band flow control using programmable Xon/Xoff in both directions
- ✓ Automated out-of-band flow control using CTS#RTS# and/or DSR#DTR#

I/O Hardware

- 4 DB9-Male RS232C Serial Port Connectors with 15pin-to-DB9M cable
- One 26-pin 34mm ExpressCard Adapter for Notebooks

OS Support

Windows 98, ME, XP, 2000 and Linux

Form Factor

4.41" x 1.34" (11.20cm x 3.40cm)