

PCI Velocity 2 PORT RS232/422/485

DESCRIPTION

Half size PCI card providing 1 RS232 and 1 RS422/485 serial port with 9 pin D connectors. On board zener diodes offer transient spike protection for the RS422/485 port. Autogating is provided for hassle free half duplex operations in any operating system.

The megabaud data transfer rates and the 64 byte deep FIFO, guarantees uncompromising performance and fault-free use.

The PCI RS232 & RS422/485 Velocity card uses the 16750 UART which is 2 generations beyond the industry standard 16C550 UART.

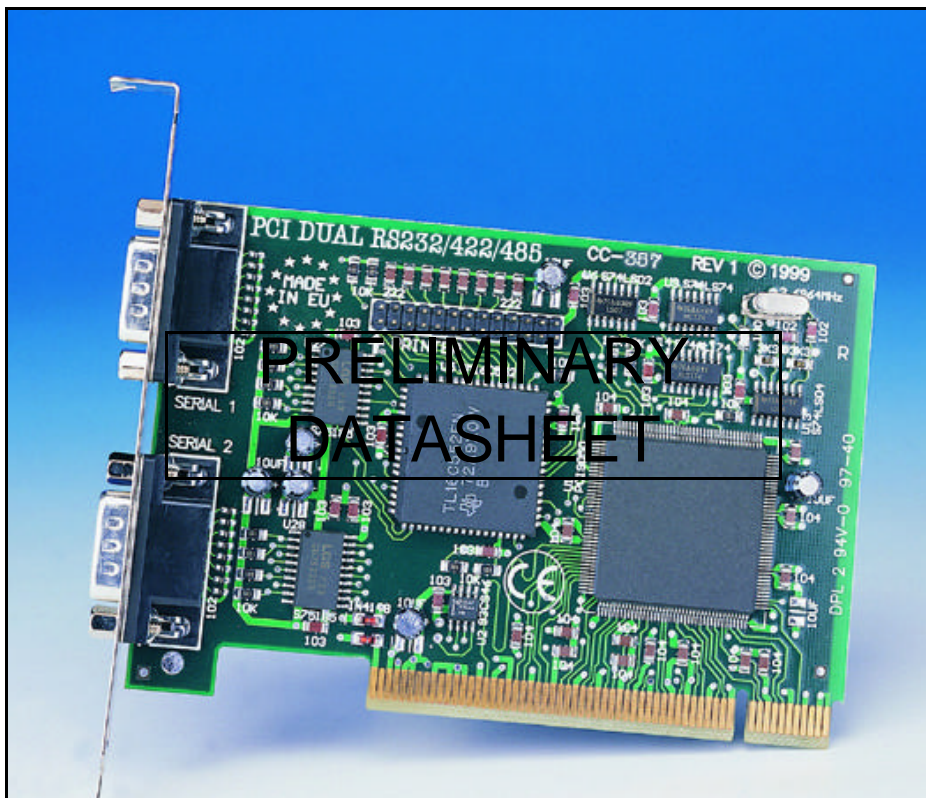
The UART clock can be set through software to provide maximum baud rates of either 921,600 baud, 460,800 baud, 230,400 baud or 115,200 baud (standard PC).

Autogating

Autogating, implemented in the card's hardware, automatically detects the start and finish of data transmission. This guarantees a rapid 'receive turnaround' in half duplex operations, therefore preventing data loss.

SOFTWARE

Serial Solutions device driver CD contains software for DOS, Win3.x, Win95, Win98, WinNT3.51, WinNT4.0, Win2000, OS/2. Informative manuals and source code for sample programs are also supplied.



FEATURES

- 921,600 baud
- 1 RS232 and 1 RS422/485 serial port
- PCI Plug and Play
- Terminating resistors with full fail-safe open/short circuit detection (RS422/485 port)
- Rx D_{\pm} / Tx D_{\pm} multiplex jumpers (RS422/485 port)
- 64 byte FIFO per port
- Sample programs, Test and Terminal software with source code
- Drivers for DOS, Win3.x, Win95, Win98, WinNT3.51, WinNT4.0, Win2000, OS/2

SPECIFICATION

RS422/485 Options

- RS422 flow control
- CTS/RTS software enabled
- RS485 Gating
- Tx D always/RTS true enabled
- Rx D always enabled
- Rx D RTS true disabled
- CTS forced true
- Wiring Schemes
- One talker, many listeners
- Many talkers/listeners full duplex
- Many talkers/listeners half duplex

RS232

RS232 is the best known industry standard providing asynchronous serial communication using ± 12 Volt logic levels over distances up to 100 feet, at speeds up to 20,000 baud.

ORDER

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CODE

CC-357