



Models: CP-134U, CP-134Ui

Multiport Serial Board

Industrial RS-485 | 422 Communication Board

Overview

MOXA's CP-134 Universal PCI series of multiport serial boards meets the new slot standard for expansion boards, and will work with both 3.3V and 5V server slots. CP-134U series offers 4 independent RS-422/485 serial ports for connecting data acquisition equipment and many other serial devices to a PC and compatible systems. This series of multiport serial boards provides a reliable communication link (RS-422/485) over a longer distance (up to 4000 ft), and is suitable for industrial environments.

Features

- Supports 4 independent RS-422 or RS-485 serial ports
- Universal PCI bus
- Data flow LED display onboard
- Optional 2 ports setting to RS-232 interface
- Supports 64 byte FIFO driver and major O/S platforms
- RS-485 with ADDC™
- Embedded 16 KV ESD protection
- 2 KV optical isolation (CP-134U-I)
- 50 bps to 230.4 Kbps transmission speed

Specifications

Communications

Bus Interface	32-bit universal PCI
Number of Ports	4
I/O Address/IRQ	BIOS assigned
Comm. Controller	MOXA UART (16C550C compatible)
RS-485 Data Direction Control	ADDCC™
Baud Rate	50 bps to 230.4 Kbps
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, even, odd, space, mark
Data Signal	RS-232: TxD, RxD, RTR, DCD, RTS, CTS, DSR, DTR, GND RS-422: TxD+(B)/-(A), RxD+(B)/-(A), RTS+(B)/-(A), CTS+(B)/-(A), GND RS-485: Data+(B)/-(A), GND
Connectors	DB-25 female
Optical Isolation	2 KV (CP-132U-I)

Environmental

Operating Temperature	0°C to 55°C
Storage Temperature	-20°C to 85°C
Humidity	5 to 95%RH

Mechanical

Dimensions (W x D)	160 x 120 mm (CP-134U-I), 135 x 110 mm (CP-134U) (Std. Bracket: 121 mm)
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Regulatory Approvals

Regulatory Approvals	CE, FCC
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International Headquarters:

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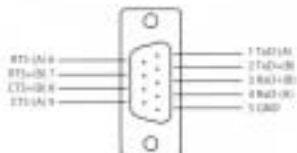
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Pin-Outs:

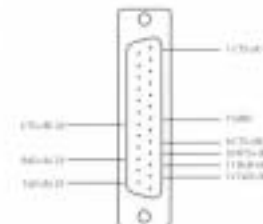
RS-422



DB9 Male



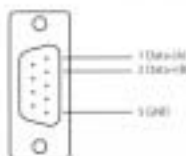
DB25 Male



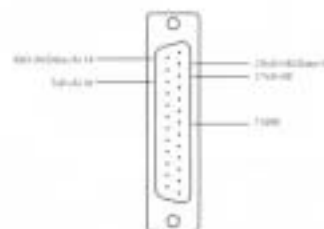
RS-485



DB9 Male



DB25 Male



Model:

Description:

CP-134U-I.....4-port RS-422/485 board, universal PCI bus, 230.4 Kbps female DB44, isolation protection (2 KV) and embedded surge protection (16 KV ESD)

CP-134U.....4-port RS-422/485 board, universal PCI bus,230.4 Kbps female DB44 and embedded surge protection (16 KV ESD)

**All items include MOXA Software CD*

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