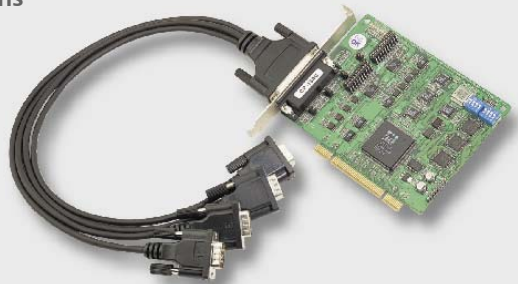


CP-134U Series

4-Port RS-422/485 Industrial Communication Boards

Features

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



Introduction

Moxa's Universal PCI CP-134 Series meets the new slot standard for expansion boards, and works with both 3.3V and 5V server slots. The 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. It provides a reliable communication link (RS-422/485) over a longer distance (up to 4000 ft), and is suitable for industrial environments.

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: ADDC™

Baud Rate: 50 bps to 230.4 Kbps

Parity: None, Even, Odd, Space, Mark

Data Bits: 5, 6, 7, 8

Stop Bits: 1, 1.5, 2

Data Signals:

RS-232: TxD, RxD, RTS, CTS, DSR, DTR, DCD, GND

RS-422: TxD+(B)/-(A), RxD+(B)/-(A), RTS+(B)/-(A), CTS+(B)/-(A), GND

RS-485: Data+(B)/-(A), GND (2-wire), TxD+(B)/-(A), RxD+(B)/-(A) (4-wire)

Connectors: DB44 Female

Optical Isolation: 2 KV (CP-134U-I)

Power Consumption

CP-134U: 310 mA (+5V)

CP-134U-I: 880 mA (+5V)

Environmental

Operating Temperature: 0 to 55°C

Storage Temperature: -20 to 85°C

Humidity: 5 to 95% RH

Mechanical

160 x 120 mm (CP-134U-I), 135 x 110 mm (CP-134U)

Regulatory Approvals: CE, FCC

OS Supported: Windows 95/98/ME/NT/2000/XP, Linux

Ordering Information

CP-134U-I: 4-port RS-422/485 board, isolation protection (2 KV)

CP-134U: 4-port RS-422/485 board

* All items include: MOXA Software CD-ROM, DB9 or DB25 connection cable