

C422/C485

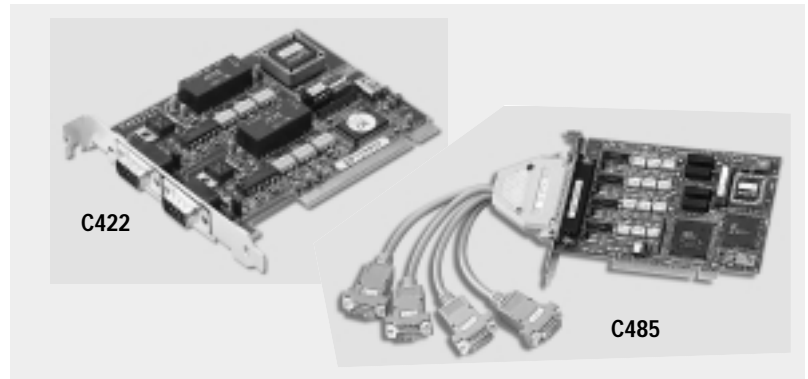
Industry Intelligent 2/4-port RS-422/485 Communication Cards

Features

- P C I Rev 2.1 plug and play
- 2 / 4 serial communication ports with intelligent buffer
- Support isolated RS-422 or RS-485 interface port
- Support up to 8 cards per system
- Suitable for modems, data display, data collection, telecommunication and industry control
- Support Windows NT, 95, 98, 2000 operation system
- Compact size

Specifications

- Compact size, cost effective
- Serial communication controller
 - Type: 16550A compatible
 - Speed: 1.8432MHz ~ 7.3728MHz
- Operation system compatibility
 - Windows 95/98/2000/NT system
- System I/O mapping
 - Assigned by PCI BIOS
 - Shared IRQ
- Port capability
 - 4 independent isolated RS-422 or RS-485 ports for C485
 - 2 independent isolated RS-422 or RS-485 ports for C422
 - RS-485 supports auto-direction flow control
- Baud rate
 - Each port can be configured to 50~115,200 bps



General Specifications

- Operating temperature: 0°~ 55°C
- Storage temperature: -20°~ 65°C
- Humidity: 10~95% RH.
- Dimensions: 159mm x 108mm

Ordering Information

C485

4-port industry communication card.

C422

2-port industry communication card.

C584XB

4-port RS-232 to Isolated RS-232/422/485 Converter

Features

- Each port has TXD and RXD monitor LED
- Eight bit DIP switch to assign interface type. Each port has two bits to assign RS-232/RS-422/RS-485 interface separately
- Each port has ground isolation function meet industrial environment
- Supports terminator resistor in RS-422 or RS-485 interface port. Can use jumper to insert or remove it to meet impedance match rule
- Built-in switching power supply can accept 90~260V_{AC} or 48V_{DC} input
- Use DB37 pin to pin cable to connect with C584 card directly

Specifications

- Input Port
 - Connector type: DB37 Male
 - Interface: RS-232C compatible
 - Port number: 4 (with same ground interface)
- Output Port
 - Connector type: DB25 Male
 - Interface: RS-232C, RS-422 or RS-485 (DIP switch selectable)
 - RS-232C signal line: TxD, RxD, RTS, CTS, DSR, DCD, DTR
 - RS-422 signal line: TxD+, TxD-, RxD+, RxD-
 - RS-485 signal line: TxD+ and RXD+ short; TxD- and RxD- short



- RS-485 support auto direction control
- Each port is ground isolation with other ports
- Indicator Capability
 - Power LED: green light for power on indication
 - TxD LED: red light for input port transmitting data for each port A/B/C/D
 - RxD LED: red light for input port receiving data for each port A/B/C/D
- Dimension: 29.8 x 13.5 x 5.5 (cm)
- Environment
 - Operating temperature: 0 ~ 55 °C
 - Operating humidity: 10 ~ 95% RH.
 - Storage temperature: 0 ~ 65 °C
 - Storage humidity: 5 ~ 95% RH.
- Power Requirement
 - AC input: 90 ~ 260 V_{AC} @ 10W
 - DC input: -40 ~ -56 V_{AC} @ 10W