

C422/C485

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

Features

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



Specifications

- ◆ Compact size, cost effective
- ◆ Serial communications controller
 - Type: 16550A compatible
 - Speed: 1.8432MHz ~ 7.3728MHz
- ◆ Operation system compatibility
 - Windows 95/98/2000/NT/XP 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-divection 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

- ◆ **C422**
2-port industry communication card
- ◆ **C485**
4-port industry communication card

C584XB/C888XB

4/8-port RS-232 to Isolated RS-422/485 Converter

Features

- ◆ Each port has TXD and RXD monitor LED.
- ◆ 8-bit DIP switch to assign interface type. Each port has two bits to assign RS-422/RS-485 interface separately.
- ◆ Each port has ground isolation function meet industrial environment.
- ◆ Support 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 for C584XB
- ◆ Use DB62 pin to pin cable to connect with C588 card directly for C888XB



Specifications

- ◆ Input Port
 - Connector type: DB37 Male/DB62 Male
 - Interface: RS-232C compatible
 - Port number: 4/8 (with same ground interface)
- ◆ Output Port
 - Connector type: DB25 Male
 - Interface: RS-422 or RS-485 (DIP switch selectable)
 - 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

- ◆ Dimensions: 29.8 x 13.5 x 5.5 (cm)
- ◆ Environmen
 - 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