cPCI-3544 Series

4-port RS-422/RS-485 Isolated Serial Communications Modules

Specifications

■ Serial Communications Controller	16C550A compatible	
■ System I/O Mapping	Assigned by PCI BIOS	
	Shared IRQ	
■ Port Capability	4 independent isolation RS-422/RS-485 ports (switch selectable)	
	Max. 8 cards per system (32 ports max.)	
■ Baud Rate	Each port can be configured to 50 to 115,200 bps	
■ Isolation Voltage	1000 V$_{RMS}$	
	RS-485 ports support auto-direction flow control	
	Supports rear I/O option for cPCI-3544R	
■ Connector	DB37 female connector	
■ Operating Temperature	0˚C to +60˚C	
■ Storage Temperature	-20˚C to +70˚C	
■ Humidity	5% to 95% non-condensed	

Features

- ■ 32-bit CompactPCI, PICMG 2.0 Rev 2.1
- ■ Plug-and-play, IRQ & I/O address automatically assigned by PCI BIOS
- ■ Four asynchronized communications ports with intelligent buffer
- ■ Four RS-422/RS-485 ports
- ■ 1000 V$_{RMS}$ isolation voltage
- ■ Suitable for modems, data display, data collection, telecommunications
- ■ Supports Multiple OS
- ■ Surge protectors
- ■ Rugged DB37 connector
- ■ Only support CompactPCI interface 5V (I/O)

Applications

- ■ Factory automation
- ■ Distributed monitoring and control systems
- ■ Telecommunications
- ■ POS systems
- ■ Stock market systems
- ■ Traffic control systems

Software Support

- ■ Windows® 2000/XP/XP Embedded/NT/95/98
- ■ Linux drivers

Ordering Information

- ■ **cPCI-3544**
  Isolated 4-port RS-422/RS-485 serial communications module

- ■ **cPCI-3544R**
  Isolated 4-port RS-422/RS-485 serial communications module with rear I/O support

Accessories

- ■ **C409M**
  DB37 to four DB9 male cable

- ■ **C425M**
  DB37 to four DB25 male cable

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