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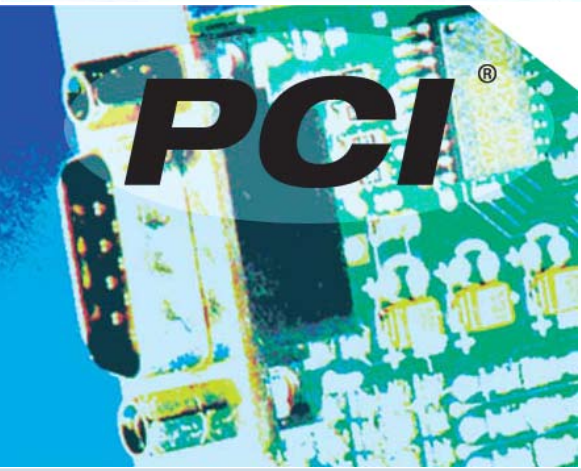
RoHS Compliant



UC-368

UNIVERSAL QUAD OPTO VELOCITY

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

Universal PCI providing four Opto Isolated RS422/485 serial ports. Up to 921,600 data transfer rates and the 64 byte deep transmit and 64 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop/PC.

Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Features

- 4 Port Opto Isolated RS422/485
- Universal PCI
- 64 Byte Tx and 64 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

Software

Microsoft signed drivers (easy installation & robust operation) for:

- Windows Server 2008 & Windows 2000
- Windows Vista 32 bit & 64 bit Editions
- Windows XP 32 bit & 64 bit Editions
- Windows Server 2003 32 bit & 64 bit Editions

64 Bit Driver

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.



LIFETIME SUPPORT | LIFETIME WARRANTY

Optical Isolation | Transient Spike Protection

CE | RoHS | FC

Options



UC-368:
UNIVERSAL QUAD OPTO VELOCITY RS422/485

For Standard Electrical Protection see UC-346

ORDER

Description	Code
UNIVERSAL QUAD OPTO VELOCITY RS422/485	UC-368

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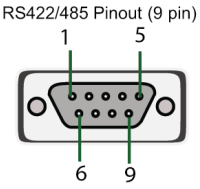


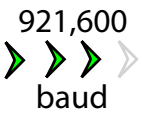
UNIVERSAL QUAD OPTO VELOCITY

UC-368: Full Specification

Port	Ports	4 Port Opto Isolated RS422/485
	Connector	DB9 connector (9 Pin Male)
	FIFO size	64 Tx, 64 Rx
	Operating Distance	RS422/485 Standard (4000 ft : 1200 metres);
	Cable	
Port Settings	Baud Rate	Up to 921,600
	Data Bits	5,6,7 or 8
	Parity	Odd, Even, None, Mark or Space
	Stop Bits	1, 1.5 or 2
	Flow Control	RTS/CTS DSR/DTR XON/XOFF
	Tx/Rx Modes	Full Duplex, Half Duplex Autogating
		Hardware Autogating, TxD always / RTS true enabled, RxD always enabled, RxD RTS true disabled, CTS forced true
Interface	OS Compatibility	Windows Vista 32 bit and 64 bit Editions Windows Server 2008 32 bit and 64 bit Editions Windows Server 2003 32 bit and 64 bit Editions Windows XP 32 bit and 64 bit Editions Windows 2000
	BUS	PCI 3.0
Approvals	Other Approvals	EMC: CE RoHS WEEE FCC compliant
	Microsoft Approvals	Microsoft Certified Gold Partner
General	PCB Layers	4
	Power Consumption	550mA @ 5V
	Weight	0.097Kg
	Size	96 x 159 mm
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	UNIVERSAL QUAD OPTO VELOCITY RS422/485
Product Support	Warranty	Lifetime (online registration required)
	Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team
Additional	OEM option	Available for bulk buy OEM
	Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"
	Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com

Pin	
Pin 1	TXD-
Pin 2	TXD+
Pin 3	RTS-
Pin 4	RTS+
Pin 5	GND
Pin 6	RXD-
Pin 7	RXD+
Pin 8	CTS-
Pin 9	CTS+





PCI

CE

RoHS

Elektra 05 European Electronics Industry Awards WINNER Manufacturer of the Year

Made in the UK

For Standard Electrical Protection see UC-346