

VXC-114U/VXC-114iAU *NEW*

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VEX-114/VEX-114i

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Serial Communication Card with 4 RS-232 ports



Features ▶▶▶▶

- Supports 3.3 V/5 V PCI bus for U versions
- 128-byte Hardware FIFO for Each Port
- +/-4 kV ESD Protection for i versions
- Supports PCI Express x1 for VEX series
- 128 KB Software Buffer (max.) for Each Port Under Windows
- Built-in COM-Selector
- Short Card Design
- Provides 2 RS-232 ports
- 2500 V_{rms} Isolation for i versions
- RoHS compliant & no Halogen

Hardware Specifications

Models	VXC-114U	VXC-114iAU	VEX-114	VEX-114i
Communication Port				
COM1 ~ COM4	RS-232 (TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND)			
UART	16C950 compatible			
Baud Rate	50 ~ 115200 bps			
Data Bit	5, 6, 7, 8			
Stop Bit	1, 1.5, 2			
Parity	None, Even, Odd, Mark, Space			
FIFO	Internal 128 bytes			
Isolated	-	2500 V _{rms}	-	2500 V _{rms}
General				
Bus Type	Universal PCI, 3.3 V and 5 V, 33 MHz, 32-bit, Plug and Play		PCI Express x1, Plug and Play	
COM-Selector	Yes (8-bit DIP switch)			
Connector	DB-37 (Female)			
Power Consumption	120 mA @ 5 V	880 mA @ 5 V	120 mA @ 5 V	880 mA @ 5 V
Operating Temperature	0 °C ~ +50 °C			
Storage Temperature	-20 °C ~ +70 °C			
Humidity	0 ~ 90% RH, non-condensing			
Dimensions (L x W x D) (Unit: mm)	142 x 84 x 22	133 x 93 x 22	110 x 110 x 22	

Software

- Driver for 32-bit and 64-bit Windows XP/2003/Vista/7
- Driver for Linux

Ordering Information

VXC-114U CR	Universal PCI, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-4002 Connector
VXC-114U/D2 CR	Universal PCI, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-9-3715D Cable
VXC-114iAU CR	Universal PCI, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-4002 Connector
VXC-114iAU/D2 CR	Universal PCI, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-9-3715D Cable
VEX-114 CR	PCI Express, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-4002 Connector
VEX-114/D2 CR	PCI Express, Serial Communication Card with 4 RS-232 ports (RoHS). Includes One CA-9-3715D Cable
VEX-114i CR	PCI Express, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-4002 Connector
VEX-114i/D2 CR	PCI Express, Serial Communication Card with 4 Isolated RS-232 ports (RoHS). Includes One CA-9-3715D Cable

Accessories

CA-4002	37-Pin Male D-Sub Connector with Plastic Cover
CA-9-3715D	Male DB-37 to 4-port Male DB-9 Cable, 1.5 M (180°)
CA-9-3705	Male DB-37 to 4-port Male DB-9 Cable, 0.3 M (90°)

Pin Assignments

Pin Assignment	Terminal	No.	Pin Assignment
N.C.	01	20	RI3
DCD3	02	21	DTR3
GND	03	22	DSR3
CTS3	04	23	RTS3
RxD3	05	24	TxD3
RI4	06	25	DCD4
DTR4	07	26	GND
DSR4	08	27	CTS4
RTS4	09	28	RxD4
TxD4	10	29	RI2
DCD2	11	30	DTR2
GND	12	31	DSR2
CTS2	13	32	RTS2
RxD2	14	33	TxD2
RI1	15	34	DCD1
DTR1	16	35	GND
DSR1	17	36	CTS1
RTS1	18	37	RxD1
TxD1	19		

RS-232 Female DB-37 Connector

Pin Assignment	Terminal	No.	Pin Assignment
GND	05	09	RI
DTR	04	08	CTS
TxD	03	07	RTS
RxD	02	06	DSR
DCD	01		

RS-232 Female DB-37 to Male DB-9 Connector