



VXC-114U/VXC-114iAU

VEX-114/VEX-114i



VXC-114U/VXC-114iAU VEX-114/VEX-114i

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 Vrms 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 (Tx/D, Rx/D, 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 Vrms	–	2500 Vrms
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 ~ 60°C			
Storage Temperature	-20°C ~ +70°C			
Humidity	5 ~ 85% RH, non-condensing			
Dimensions (W x L x D) (Unit: mm)	84 x 142 x 22	93 x 133 x 22	110 x 110 x 22	

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

Software

Drivers

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

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 Tx/D3
RI4	06	25 DCD4
DTR4	07	26 GND
DSR4	08	27 CTS4
RTS4	09	28 Rx/D4
TxD4	10	29 RI2
DCD2	11	30 DTR2
GND	12	31 DSR2
CTS2	13	32 RTS2
RxD2	14	33 Tx/D2
RI1	15	34 DCD1
DTR1	16	35 GND
DSR1	17	36 CTS1
RTS1	18	37 Rx/D1
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

Accessories

CA-4002	37-Pin Male D-Sub Connector with Plastic Cover
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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°)