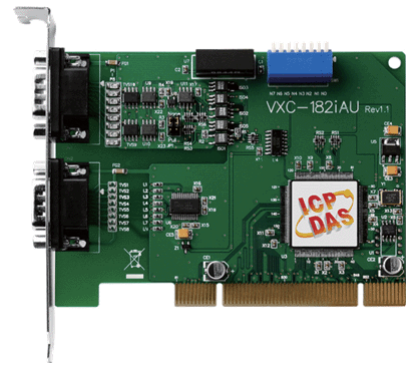## VXC-182iAU *NEW*

Serial Communication Card with 1 Isolated RS-422/485 port and 1 RS-232 port

Features ▶▶▶▶

- Built-in COM-Selector
- Provides 1 RS-422/485 port and 1 RS-232 Port
- 2500 V$_{rms}$ Isolated RS-422/485 Port
- Supports 3.3 V/5 V PCI bus, Plug and Play
- Up to 128 KB Software FIFO for Each Port Under Windows

- Short Card Design
- +/-4 kV ESD Protection
- 128-byte Hardware FIFO for Each Port
- Automatic RS-485 Direction Control
- RoHS compliant & no Halogen

Hardware Specifications

Communication Port		
COM1	RS-422/485	The RS-422 and RS-485 cannot be used simultaneously
	RS-422	TxD+, TxD-, RxD+, RxD-, RTS+, RTS-, CTS+, CTS-, GND (with 2.5 kV Isolation)
	RS-485	Data+, Data-, GND (with 2.5 kV Isolation)
COM2		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
General		
Bus Type		Universal PCI, 3.3 V and 5 V, 33 MHz, 32-bit, Plug and Play mechanism
COM-Selector		Yes (8-bit DIP switch)
Connector		2 x DB-9 (Male)
Power Consumption		200 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)		134 mm x 121 mm x 22 mm

Software

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

Ordering Information

VXC-182iAU CR	Universal PCI Bus, Serial Communication Card with 1 Isolated RS-422/485 port and 1 RS-232 port (RoHS)

Accessories

CA-0910F	9-Pin Female-Female D-Sub Cable 1 m
CA-0915	9-Pin Male-Female D-Sub Cable, 1.5 m
CA-090910	9-Pin Female D-Sub Cable for RS-422 Connector, 1 m
CA-PC09F	9-Pin Female D-Sub Connector with Plastic Cover
DN-09-2F	I/O Connector Block with DIN-Rail Mounting and Two 9-Pin Male Header. Includes CA-0910F x 2 (9-Pin Female-Female D-Sub Cable 1 m)

Pin Assignments

Pin Assignment	Terminal		No.	Pin Assignment
GND/VEE	05			
RxD-(A)	04		09	CTS-(A)
RxD+(B)	03		08	CTS+(B)
TxD+(B)/Data+(B)	02		07	RTS+(B)
TxD-(A)/Data-(A)	01		06	RTS-(A)
				RS-422/485 Male DB-9 Connector

Pin Assignment	Terminal		No.	Pin Assignment
GND	05			
DTR	04		09	RI
TxD	03		08	CTS
RxD	02		07	RTS
DCD	01		06	DSR
				COM2: RS-232 Male DB-9 Connector