

VXC-118U **PCIe-S118**

Serial Communication Card with 8 RS-232 ports

Features

- Supports 3.3 V/5 V PCI bus for VXC-118U
- Supports PCI Express x1 for PCIe-S118
- Provides 8 RS-232 ports
- Automatically select an available COM port number
- Supports COM port number selection under software control
- 256-byte Hardware FIFO for Each Port
- Short Card Design

Introduction

The VXC-118U/PCIe-S118 card provides 8 RS-232 serial ports. It is equipped with a 256-byte hardware FIFO for each port, supports for speed up to 115200/921600 bps and supports full-duplex communication. The VXC-118U/PCIe-S118 card support drivers choose an available COM port number automatically.

The serial communication card are designed for use with intelligent devices like bar code reader, serial printers, intelligent sensors, instrumentation equipment, computers and almost any device with an RS-232 port.

Software

Drivers

- [x] 32-bit Windows XP/2003/2008/7/8/10
- [x] 64-bit Windows XP/2003/2008/7/8/10

Applications

- Industrial Machinery
- Building Automation
- Restaurant Appliances
- Laboratory Equipment & Research
- Industrial Communication

Hardware Specifications

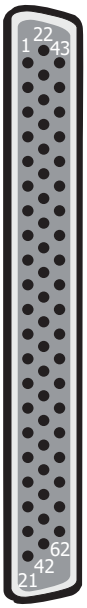
Models	VXC-118U	PCIe-S118
Hardware		
Connector	Female DB-62	
COM Ports		
Ports	8 x RS-232 (TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND)	
Baud Rate	50 ~ 115200 bps	2400 ~ 921600 bps
Parity	None, Even, Odd, Mark, Space	
Data Bit	5, 6, 7, 8	
Stop Bit	1, 1.5, 2	
FIFO Size	Internal 256 bytes	
Power		
Consumption	120 mA @ 5 V	
Mechanical		
Dimensions (mm)	121 x 132 x 22 (W x L x D)	121 x 131 x 22 (W x L x D)
Environment		
Operating Temperature	0 ~ +60°C	
Storage Temperature	-20 ~ +70°C	
Humidity	5 ~ 85% RH, Non-condensing	

Ordering Information

VXC-118U CR	Universal PCI, Serial Communication Board with 8 RS-232 ports (RoHS) Includes one CA-PC62M D-Sub connector
VXC-118U/D2 CR	Universal PCI, Serial Communication Board with 8 RS-232 ports (RoHS) Includes one CA-9-6210 cable
PCIe-S118 CR	PCI Express, Serial Communication Board with 8 RS-232 ports (RoHS) Includes one CA-PC62M D-Sub connector
PCIe-S118/D2 CR	PCI Express, Serial Communication Board with 8 RS-232 ports (RoHS) Includes one CA-9-6210 cable

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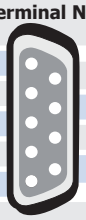
Pin Assignments



Terminal No.	Pin Assignment	Terminal No.	Pin Assignment	Terminal No.	Pin Assignment
01	TxD_0	22	RxD_0	43	CTS_0
02	DTR_0	23	DSR_0	44	RTS_0
03	RxD_1	24	DCD_0	45	GND
04	DSR_1	25	TxD_1	46	CTS_1
05	DCD_1	26	DTR_1	47	RTS_1
06	TxD_2	27	RxD_2	48	CTS_2
07	DTR_2	28	DSR_2	49	RTS_2
08	RxD_3	29	DCD_2	50	GND
09	DSR_3	30	TxD_3	51	CTS_3
10	DCD_3	31	DTR_3	52	RTS_3
11	RxD_4	32	GND	53	CTS_4
12	DSR_4	33	TxD_4	54	RTS_4
13	DCD_4	34	DTR_4	55	GND
14	TxD_5	35	RxD_5	56	CTS_5
15	DTR_5	36	DSR_5	57	RTS_5
16	RxD_6	37	DCD_5	58	GND
17	DSR_6	38	TxD_6	59	CTS_6
18	DCD_6	39	DTR_6	60	RTS_6
19	RxD_7	40	GND	61	CTS_7
20	DSR_7	41	TxD_7	62	RTS_7
21	DCD_7	42	DTR_7		

CON1

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



RS-232 Female DB-62 to Male DB-9 Connector

Accessories

	CA-PC09F CR	9-Pin Female D-Sub Connector with Plastic Cover
	DN-09-2F CR	I/O Connector Block with DIN-Rail Mounting and two 9-pin Male Header. Indudes two CA-0910F Cables

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