



**PCIe-S114**

PCI Express, Serial  
Communication Board with  
4 RS-232 ports



**PCIe-S114i**

PCI Express, Serial  
Communication Board with  
4 Isolated RS-232 ports

### Features

- Supports PCI Express x1
- Provides 4 RS-232 ports
- 256-byte Hardware FIFO for Each Port
- Transmission Speed of up to 921600 bps
- Short Card Design
- ±4 kV ESD Protection ( PCIe-S114i Only)
- 3000 VDC Isolation ( PCIe-S114i Only)



### Hardware Specifications

Models	PCIe-S114	PCIe-S114i
<b>Hardware</b>		
Connector	DB-37 (Female)	
<b>COM Ports</b>		
Ports	4 x RS-232 (TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND)	
Baud Rate	300 ~ 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	
Isolation	-	3000 VDC
<b>Power</b>		
Consumption	120 mA @ 5 V	880 mA @ 5 V
<b>Mechanical</b>		
Dimensions (mm)	110 x 110 x 22 (W x L x D)	110 x 110 x 22 (W x L x D)
<b>Environmental</b>		
Operating Temperature	0 ~ +60°C	
Storage Temperature	-20 ~ 70°C	
Humidity	5 ~ 85% RH, Non-condensing	

### Ordering Information

<b>PCIe-S114</b>	PCI Express, Serial Communication Board with 4 RS-232 ports (RoHS) Includes One CA-4002 Connector
<b>PCIe-S114i</b>	PCI Express, Serial Communication Board with 4 Isolated RS-232 ports (RoHS) Includes One CA-4002 Connector

### 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°)

### Software

#### Drivers

- 32-bit and 64-bit Windows XP/2003/2008/7/8/10
- 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 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