



PCIe-S112

PCI Express, Serial Communication Board with 2 RS-232 ports



PCIe-S112i

PCI Express, Serial Communication Board with 2 Isolated RS-232 ports

Features

- Supports PCI Express x1
- Provides 2 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-S112i Only)
- 3000 Vdc Isolation (PCIe-S112i Only)



Hardware Specifications

Models	PCIe-S112	PCIe-S112i
Hardware		
Connector	2 x DB9 (Male)	
COM Ports		
Ports	2 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
Power		
Consumption	120 mA @ 5 V	440 mA @ 5 V
Mechanical		
Dimensions (mm)	94 x 109 x 22 (W x L x D)	94 x 109 x 22 (W x L x D)
Environmental		
Operating Temperature	0 ~ +60°C	
Storage Temperature	-20 ~ 70°C	
Humidity	5 ~ 85% RH, Non-condensing	

Pin Assignments

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

Male DB-9 Connector

Software

Drivers

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

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-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)

Ordering Information

PCIe-S112	PCI Express, Serial Communication Board with 2 RS-232 ports (RoHS)
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