



Features

- 8 port isolated serial communication card
- PCI Express x1 compliant
- Enhanced 16550 compatible UARTs
- 256-byte hardware FIFO for each port
- Up to 921.6 kbps programmable transfer rate on each port

Specifications

Number of port	8
Speed	50 bps ~ 921.6 kbps
Parity	None, Odd, Even, Mark or Space
Data bits	5, 6, 7, 8
Stop bits	1, 1.5, 2
FIFO	256 bytes
Flow control	DTR/DSR, RTS/CTS, Xon/Xoff
Data signals	RS232: RXD, TXD, RTS, CTS, DTR, DCD, RI RS422: RX+, RX-, TX+, TX- RS485: Data+, Data-
Specifications	1-lane 2.5 Gb/s PCI Express
Power consumption	3.3VDC at 100mA,
Working temperature	0 to 60°C

Ordering Information

PCE-C118	8-port RS-232 isolated serial communication block
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Pin Definition

PCE-C118

01	TXD1	22	TXD2	43	GND
02	RXD1	23	RXD2	44	GND
03	RTS1	24	RTS2	45	GND
04	CTS1	25	CTS2	46	TXD4
05	DSR1	26	DSR2	47	RXD4
06	DTR1	27	DTR2	48	RTS4
07	DCO1	28	DCO2	49	CTS4
08	TXD3	29	TXD7	50	DSR4
09	RXD3	30	RXD7	51	DTR4
10	RTS3	31	RTS7	52	DCD4
11	CTS3	32	CTS7	53	TXD8
12	DSR3	33	DSR7	54	RXD8
13	DTR3	34	DTR7	55	RTS8
14	DCO3	35	DCO7	56	CTS8
15	TXD5	36	TXD6	57	DSR8
16	RXD5	37	RXD6	58	DTR8
17	RTS5	38	RTS6	59	DCD8
18	CTS5	39	CTS6	60	GND
19	DSR5	40	DSR6	61	GND
20	DTR5	41	DTR6	62	GND
21	DCO5	42	DCO6		