

Single Port RS-232 Serial PCMCIA Card

SSP-100



Serial PCMCIA cards are a flexible low-cost interface choice for using portable serial peripherals such as GPS receivers, bar code scanners, printers, digital cameras and fax/modems with portable computers. They are also ideal solutions for a wide variety of applications including field data collection, industrial monitoring and control and office automation.

Quatech serial PC Cards are small, light, and have low power requirements to reduce battery drain. They come in a ruggedized case and have a convenient removable connector cable. Our Windows CE drivers enable the card to be used in most popular handheld devices where ports are increasingly scarce.

The SSP-100 provides a single RS-232 serial port. It is implemented with 16750 UARTs containing 64-byte FIFOs, that in conjunction with Quatech's special clock-multiplying feature can provide industry leading speeds of up to 921.6 kbps.

- One RS-232 serial port
- Speeds up to 921.6 kbps
- Plug & Play and Hot Swap capability
- Low power requirements
- Ruggedized case with removable cable
- Selectable and shareable interrupt
- Win. 9x/Me/NT/2000/XP/CE, Linux , OS/2
- Five year warranty

Specifications

Bus Interface: 16-bit PCMCIA,
Release 8 & backward compliant

OS Support: Windows CE/9x/Me/NT/2000/XP, Linux, OS/2

Data Rate: 921.6 kbps (max)*

* Actual baud rates can be affected by cabling and other factors

Ports: One RS-232 serial port

UARTs: 16750 UARTs with 64-byte FIFOs

QUATECH
CONNECT WITH RELIABILITY

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SSP-100 Specifications Continued

Transceivers: 3254 or compatible

Drivers:

High Level Output: +5V (min), +5.4V (typ)
Low Level Output: -5V (min), -5.4V (typ)
Transition Time (THL-TLH): 25 ns (typ)

Receive Buffers:

Voltage Range: +25V (max), -25V (min)
Transition Time (THL-TLH): 25 ns (typ)

Environment:

Operating: 0°C to 70°C
Storage: -50°C to 80°C
Humidity: 10% to 90%

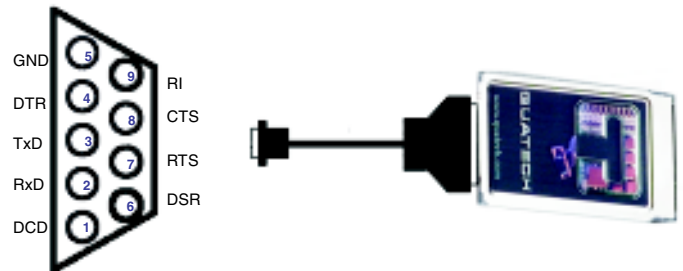
Power Requirements: 20mA @ 5V* (typ)
35mA @ 5V* (max)

*Compatible with 3.3V & 5V systems

Size: Type II PCMCIA Card package

Certifications: CE, FCC Class B

Connector: The SSP-100 includes a removable cable that provides a single port DB9 male connector. The pinout for this connector is shown below.



Pin 1	DCD	Carrier Detect
Pin 2	RxD	Data Input
Pin 3	TxD	Data Output
Pin 4	DTR	Data Terminal Ready
Pin 5	GND	Signal Ground
Pin 6	DSR	Data Set Ready
Pin 7	RTS	Request to Send
Pin 8	CTS	Clear to Send
Pin 9	RI	Ring Indicator

Ordering Information:

SSP-100: One port RS-232 card with cable
CP-SSP-100: Spare one port DB9 male cable