SYS TEC
ELECTRONIC

USB to RS232 adapter

The USB to RS232 adapter was designed to make serial port expansion quick and simple. Connecting to a USB port on your computer or USB hub, the USB to RS232 adapter instantly add serial communication ports to your system. By taking advantage of the USB bus, the USB to RS232 adapter makes it easier than ever to add serial ports and serial devices to your system with easy plug-and-play and hot-plug features.

Plugging the device to the USB port, the adapter is automatically detected. There are no IRQ & COM port conflicts since the port doesn't require any additional IRQ, DMA, or memory as resources on the system. Thereby, the USB to RS232 adapter works perfectly with KEIL µVision3.

Key Features

Compact device in SUB-D9 form factor	Drivers for Windows, Linux and MAC included	Accessible via virtual COM-Port under Windows 2000 / XP / Vista
ESD protected up to 15KV	USB 2.0 Full Speed (12Mbps), USB 1.1 compatible	Supports all RS232 data and handshake lines (RxD, TxD, RTS, CTS, DSR, DTR, DCD, RI)

Technical Specification

- **USB-UART:** CP2102

- **USB-RS232:** SP3243EBCR-L

- **Signal lines:** RxD, TxD, RTS, CTS, DSR, DTR, DCD, RI

- **Voltage supply:** via USB, no additional power supply necessary

- **Current consumption:** standby current approx. 18 mA

    typ. current 33mA

- **USB connection:** USB A connector with 2m cable

- **RS232 connection:** 9-pin SUB-D connector with

    DTE terminal assignment

- **Ambient temperature:** Storage: -40..+70°C

    Operation: 0..+60°C

- **Supported baud rates:** 300 bits/s

    1200 bits/s

    2400 bits/s

    4800 bits/s

    9600 bits/s

    19200 bits/s

    38400 bits/s

    57600 bits/s

    115200 bits/s

    230400 bits/s

- **Data format:** Data bit: 7,8

    Stop bit: 1,2

    Parity: odd, even, no, mark, space

- **Supported platforms:** Windows 98SE/Me/2000/XP/Vista/WinCE

    Linux OS with Kernel V2.4 or higher

    Mac OS 9 and Mac OS X

    Windows 7

- **CE conformity**

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