

USB-Serial - Specifications

Summary

USB-Serial is an interface between serial TTL and USB communication.

Based upon the FTDI FT230XS chip, it simplifies communication between most microcontrollers and computers with USB ports.

It can program Arduino compatible microcontrollers and Altair thanks to its RTS pin, which is used for resetting and starting the bootloader.

Features

Operating Voltage	5V DC
Output Voltage	5V DC
Interface Voltage	3.3V, 5V compatible

Pinout

The pinout is compatible with most FTDI-style adaptors and cables. It has the following pins:

GND: Ground

CTS: Clear to send

VCC: 5V DC

TX: Transmission (Output)

RX: Reception (Input)

RTS: Request to send, works as reset when programming microcontrollers

Physical dimensions

Width:	1.7cm
Height (Without Pins):	4.5cm
Height (With Pins):	5cm
Thickness (Max):	0.8cm

