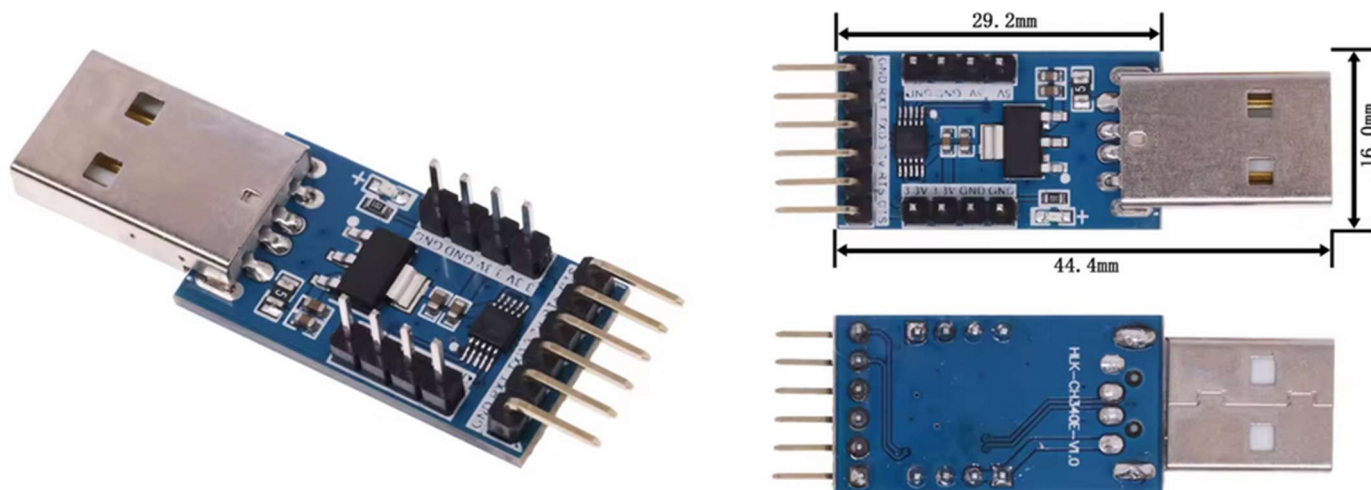


USB to TTL UART Module CH340



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This is CH340 USB To TTL(Serial) Converter, USB to TTL / USB-TTL /STC microcontroller programmer / PL2303 in nine upgrades plate with a transparent cover Compatible with ARDUINO, RASPBERRY PI, AVR, PIC, 8051, etc.

This USB–TTL converter is based on CH340 USB to Serial TTL converter chip. The module can be used for 3.3V logic level signals, the and has the option to switch from 5V to 3.3V logic level using a 2 pin shunt supplied with the module.

The CH340 USB to serial adaptor makes use of the CH340 USB to serial IC to provide a low-cost alternative to our popular FTDI based module. Although much cheaper this module doesn't lack in features or usability. *Once you have installed the drivers the module will appear as a normal serial COM port on your computer making it compatible with most terminal programs and development environments such as the Arduino IDE.*

The module includes a small switch which allows the voltage available at the VC (Supply output) pin to be switched between 3.3 and 5V. Data pins include TX, RX. These digital pins are at 5V TTL levels allowing them to be directly interfaced most 5V microcontrollers.

Supports

- 1.** Support WINDOWS 98 / ME / 2000 / XP / Server 2003 / VISTA /Server 2008 / Win7 / Win8 32 Bit / 64
 - 2.** Support USB1.1 or USB2.0/USB3.0 for communication.
 - 3.** Provide RS232, RS485, RS422 interface.
 - 4.** Simulation interface, you can upgrade serial peripherals.
 - 5.** Supports common MODE contact signal.
 - 6.** Supports IRDA SIR infrared communication.
 - 7.** Programming does not affect the target board program runs.
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Features :

1. Built-in USB to TTL Transfer chip.
2. Designed to be used for USB to TTL electronic projects.
3. TTL interface output, easy to connect to your MCU.
4. Dual 3.3V and 5V Power output, work with 3.3v and 5 V target device.
5. The mini-module is designed specifically for STC download and ARDUINO PRO supports all series of STC
6. Microcomputer with cold start reset button
7. Supports WIN7/VISTA/MAC/LINUX (32 bit /64-bit system)
8. USB to TTL conversion board used for STC microcontroller download DVD/ hard disk/router /GPS upgrade
9. For STC Download: SCM must be a minimum system and external crystal oscillator