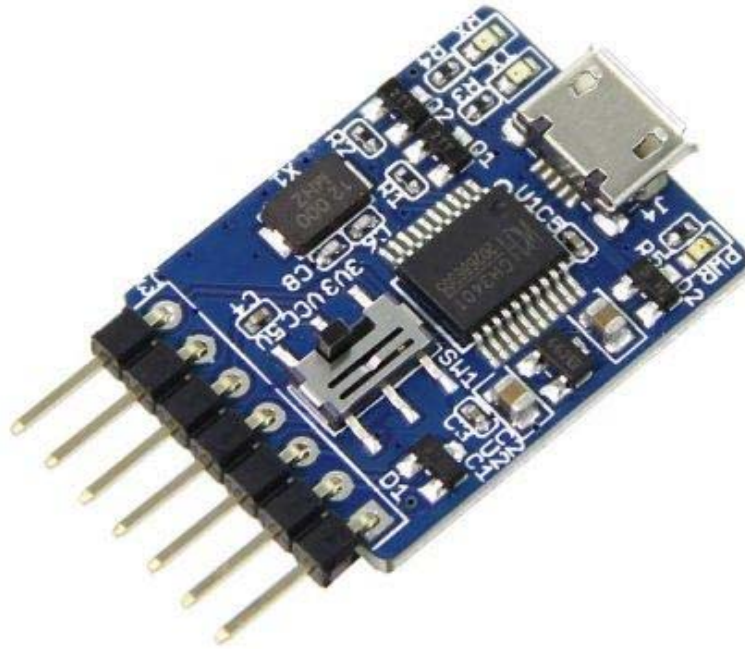


USB To Uart 5V/3V3



USB To Uart 5V/3V3 is a USB to serial adapter, which is based on CH340. CH340 is a USB bus convert chip and it can realize USB convert to serial interface, USB convert to IrDA infrared or USB convert to printer interface. This module is compatible with 5V and 3V3, and it can be used for uploading code or communicating with MCUs.

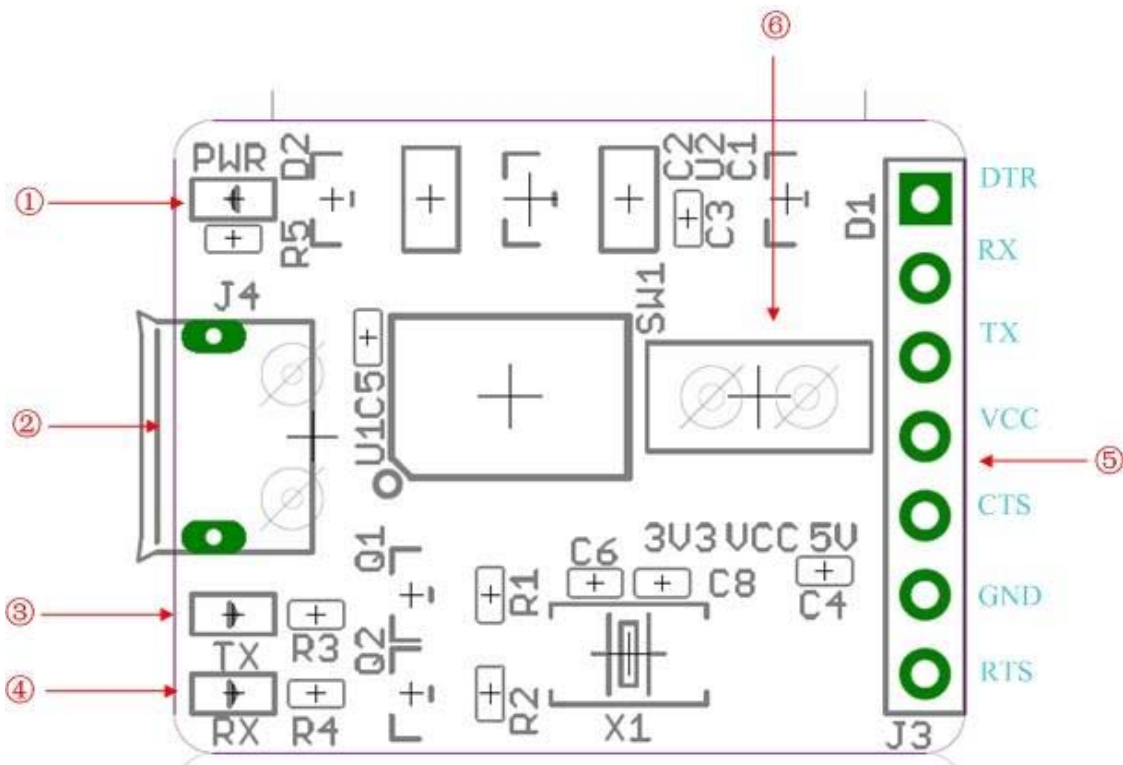
Features

- Full speed USB device interface, conforms to USB Specification Version 2.0
- 3.3V and 5V compatible I/Os.
- Supports baud rate varies from 2400bps to 115200bps.
- Hardware full duplex serial interface, set transceiver buffer
- LED Indicator

Specification

- Working Voltage : DC 5V
- Working Current <10mA
- Operation System : Windows、Linux、Mac

Interface Function



- ① : Power Indicator
- ② : Micro USB
- ③ : TX Indicator
- ④ : RX Indicator
- ⑤ : Uart Breakout
- ⑥ : VCC Switch:Choice 5V or 3V3

Usage

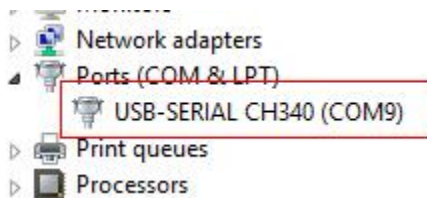
Driver Install

USB To Uart 5V/3V3 is used as USB To Serial Port interface.It need to install driver.

Windows/Linux

Totally compatible with serial application program in computer endpoint Windows operation system

- 1)You plug it to computer by USB Port.
- 2)Wait a minute,you can find it in Device Manager.



- 3)If you can not find the port,please download Driver from [Here](#)

Mac OS

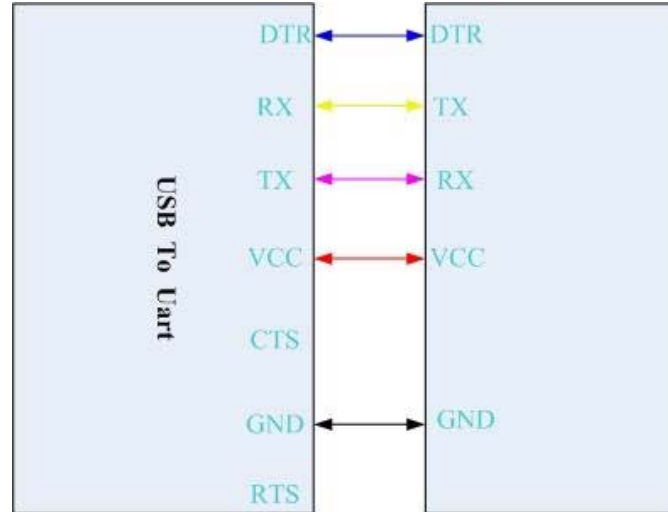
Driver download: http://www.wch.cn/download/CH341SER_MAC_ZIP.html

On Mac OS Yosemite:

- 1) Install the CH340 driver
- 2) Open Terminal program (located in /Applications/Utilities/)
- 3) Type command: `sudo nvram boot-args="debug=0x146 kext-dev-mode=1"`
- 4) Type password;
- 5) Restart your computer;

If you want restore your Mac's setting,You can exit developer mode by redefining the boot-arg to your previous settings, or clear your boot-args as follows: `sudo nvram -d boot-args`

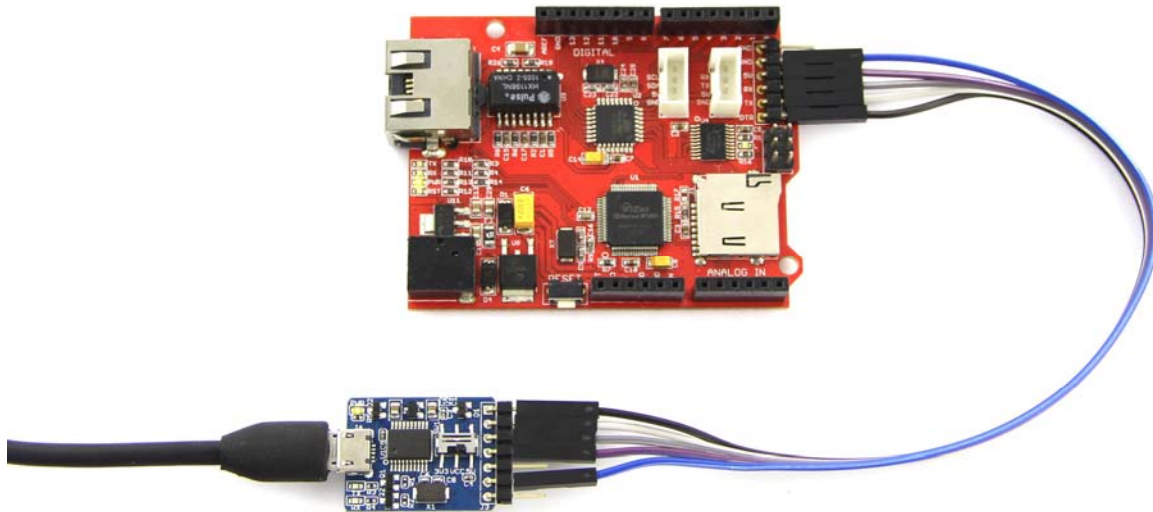
Hardware



You should like this connect your circuit.

Example

We can download code to Seeeduno Ethernet by USB To Uart 5V/3V3.



Note that you should select the correct board type and COM port.

Tech Support

Please submit any technical issue into our [forum](#) or drop mail to techsupport@seeed.cc.

http://wiki.seeedstudio.com/USB_To_Uart_5V_3V3/5-23-19