DreamCity M180-Series   USB to Serial adapter

Quick Start Guide

Getting Started

1. Install the Drivers (OS X® only)

OS X® does not come with the driver preinstalled. You can download it from the chipset manufacturer's website directly: http://www.wch.cn/download/CH341SER_MAC_ZIP.html (250kB)

On OS X® Yosemite, you need to disable kernel extension signature check to force the kernel to accept this driver. Run this in your Terminal window to disable kernel signature check:

```
sudo nvram boot-args="kext-dev-mode=1"
```

Reboot your Mac after executing this command to make it in effect.

2. Set up USB Communications

Connect the USB to Serial adapter to a PC USB port with a USB cable. M180-Series uses the CH340G chipset whose driver can be downloaded and installed automatically on your Microsoft® Windows® PC, or is built in recent kernels of most Linux distributions.

If you are powering your target board with this USB to Serial adapter, make sure your USB port is capable of supplying the required power. Plug it directly to your computer, or a powered USB hub in those cases.

3. Start hacking

Now you should be able to access this adapter as a COM port (Microsoft® Windows®), serial device special file /dec/ttyUSB* (Linux) or /dev/tty.wchusbserial* (OS X®) normally.

Device Pinout

The M180-Series have the same pinout as the SparkFun® FTDI Breakout. With the USB port facing left, the pins at the right is (from top to bottom):

```
1. GND
2. CTS
3. Vcc
4. TXD
5. RXD
6. DTR
```