

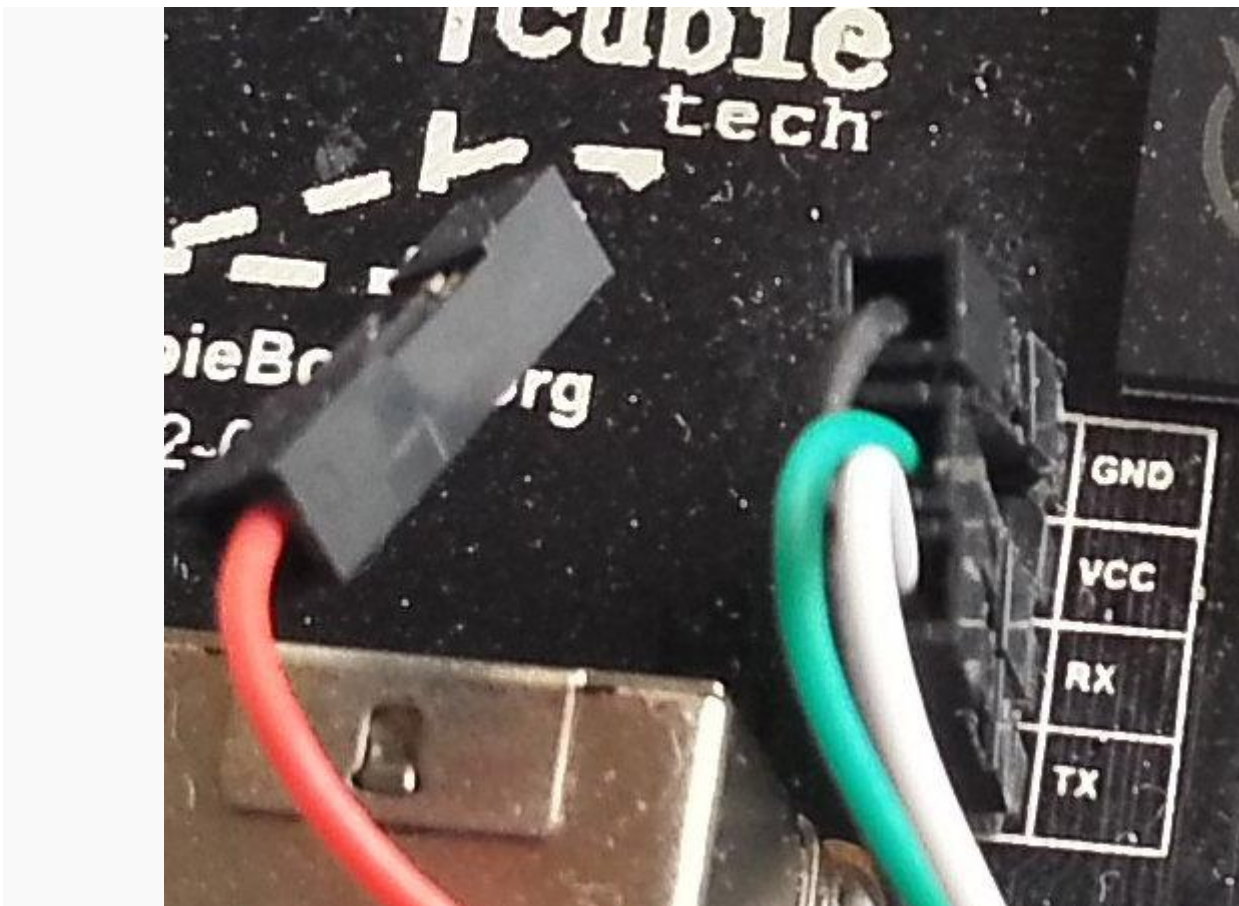
## Connection

If you get a USB-Serial adapter from somewhere else, please check the cable colors of it at the vendor. RX pin on adapter should be connected to TX pin on cubieboard and adapter TX pin vice versa, so a serial wires are crossed.

The CubieBoard (Rich package) is currently supplied with a Prolific PL2303 USB cable. This cable provides VCC power on the red cable. The Cubieboard does NOT require power (red cable), and it **may damage** your board if connected. The CubieBoard provides a pin header with 4 pins for [TTL UART](#) connection.

Warning, some PL2303 wires, like the PL2303HX 5V could damage your Cubieboard, see [UART-USB Dongle](#) for more details.

If you are using the supplied PL2303 cable, then the connection should be as follows:

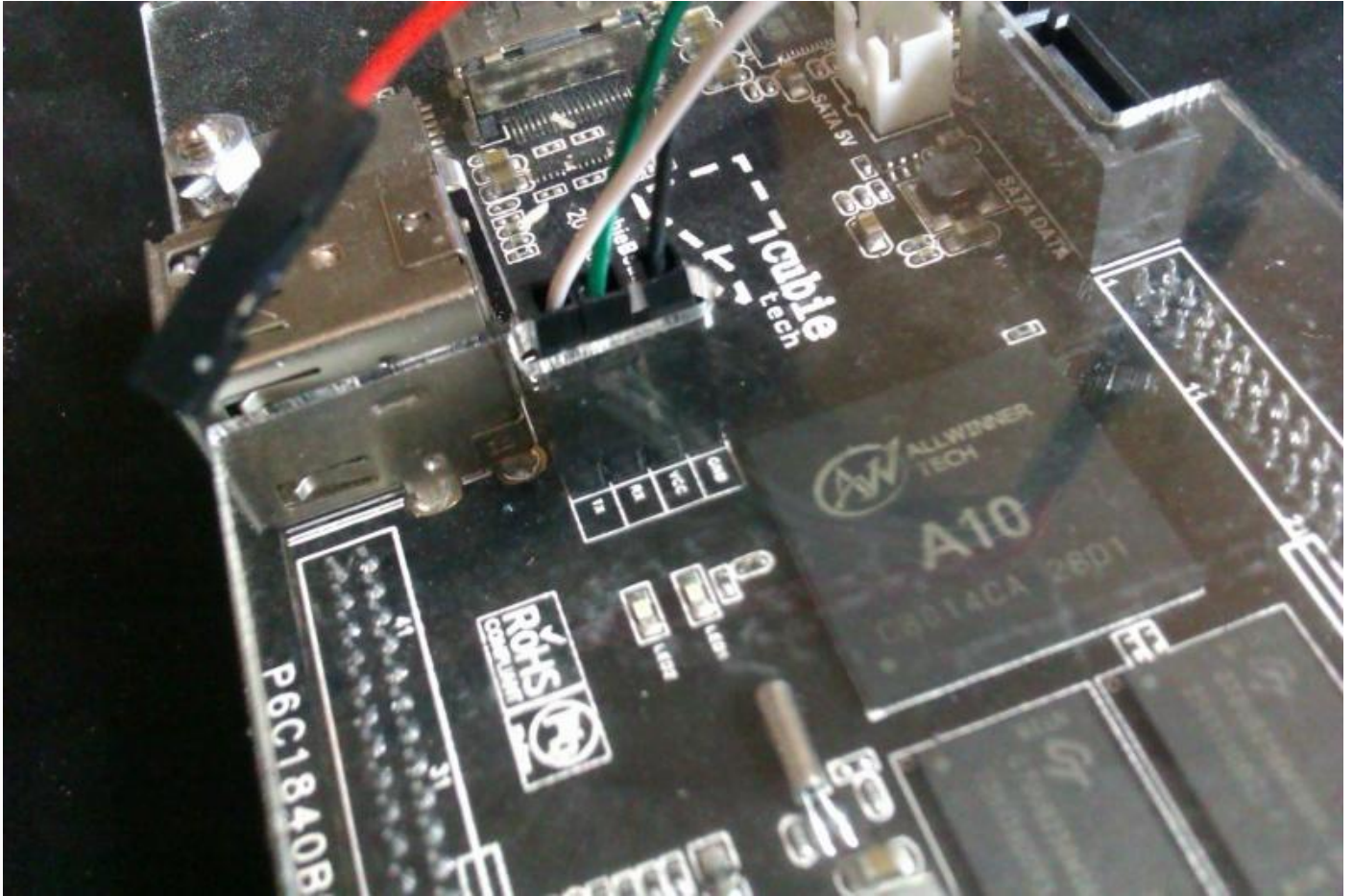


how to connect on a Cubieboard 1 or 2

Cable	Pin on Cubieboard
GROUND (BLACK)	GND
<i>MUST NOT BE CONNECTED</i>	VCC
PIN2 (GREEN)	RX
PIN1 (WHITE)	TX

**WARNING: DO NOT CONNECT THE RED LINE TO VCC.**

## Pictures



Cubieboard TTL cable connection. Note that the red cable is NOT connected.

## Availability

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- [http://www.aliexpress.com/store/product/TTF-to-USB-Serial-line/511685\\_665830339.html](http://www.aliexpress.com/store/product/TTF-to-USB-Serial-line/511685_665830339.html)
- <https://www.adafruit.com/products/954>

## Driver

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### Linux Driver

Driver for the PL2303 is inside the kernel. It will work with default settings.

### OS X Driver

The opensource driver on [github](https://github.com) works and the binary version is on the link below.

- <https://github.com/downloads/berg/osx-pl2303/osx-pl2303-0.4.1-failberg.pkg> (could someone confirm that this works?)

It is at least confirmed to work on Mac OS X 10.6.8 32 bit version.

There is also a vendor-made driver;

- Go to <http://www.prolific.com.tw/US/index.aspx>

- Click support
- Login with GUEST / GUEST
- Click on "click here for PL2303 USB to Serial drivers"
- half way down, download the file md\_PL2303\_MacOSX10.6\_dmg\_v1.4.0.zip

## Windows Driver

Windows Driver for Prolific PL2303 is installed automatically. If your "Device Manager" mark the PL2303 device (Prolific USB-to-Serial Comm Port) with yellow exclamation mark and the status of the device shows "code 10", then you probably got counterfeit (fake) cable or you are using the cable with Windows 8. In both cases you just have to install older version of Prolific drivers (1.6.0, 1.7.0, 1.8.0 or later won't work).

- For PL2303 HXA, XA (to check your version use the utility provided in latest [Prolific drivers.](#))
- Installer version & Build date: 1.5.0 (2011-10-21)
- Windows XP (32 & 64-bit) WDM WHQL Driver: v2.1.27.185
- Windows Vista/7/8 (32 & 64-bit) WDF WHQL Driver: v3.4.25.218
- Files:
  - PL2303\_Prolific\_DriverInstaller\_v1.5.0.zip (SHA-1 [8b1e1a8b0ee5939ff2fb185690ec038f191dbcde](#))
    - PL2303\_Prolific\_DriverInstaller\_v1.5.0.exe (SHA-1 [43fe44b600586e9b41088ba1be5b4eee96c7dc23](#))
- [Download](#) (Mirror [#1](#), [#2](#))