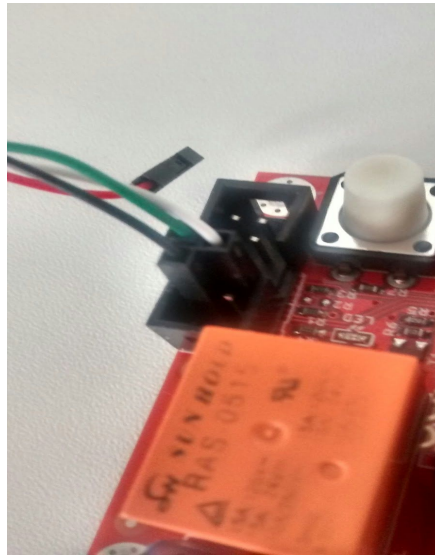


## Setting up ESP8266 with C on Windows

I've tested out *many* different ways of doing this and I've found that [this method](#) is by far the easiest. Just remember to add C:\MinGW\bin to your PATH before launching Eclipse.

First of all, connect your ESP8266-EVB to your PC using a USB-to-TTL serial cable like so: Black goes to ground, Green goes to Rx, White goes to Tx. Schematics of the board can be seen [here](#).



Turn on your ESP8266 by plugging in the power supply. The red LED should turn on to indicate the device has booted. If the connection is not recognised on your PC (you don't see *Prolific USB-to-Serial Comm Port* under the *Ports (COM & LPT)* section in the Device Manager), then you need to download and install the necessary Windows [drivers](#) for the cable.

Once your Prolific cable is recognised by the PC and you have your cables connected in correctly, you're ready to follow the guide above.

Unlike other methods, it works for both 32-bit and 64-bit machines, and after setup all development can be done in Eclipse. It also provides many (~40) example projects to look around in. If you're flashing an example project remember to change the COM port specified in the main Makefile to the COM port you're using (you can find out which one from the Device Manager).