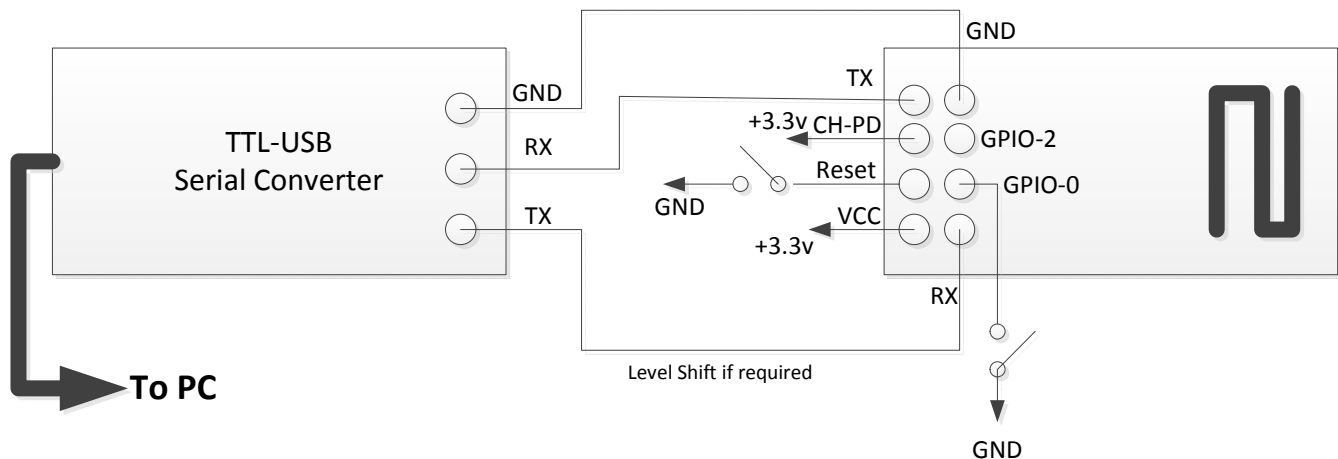


## PC – ESP8266 Programming Connections



The ESP8266 pins are NOT +5v tolerant, however the Rx pins on some modules are. If unsure use level-shifting to ensure you do not damage the pin/chip.

To update new firmware (SDK/AT) go to the Espressif site and download the Flash Update Tool and the latest SDK.

The SDK I used is ESP8266\_NONOS\_SDK-Master

Run the Update Tool and it will be looking for four files, the first three contained within the SDK "bin" directory and fourth in the "bin/at" directory. Browse and set path for each file.

- 1 = esp\_init\_data\_default\_v08
- 2 = blank
- 3 = boot\_v1.7
- 4 = user1.1024.new.2

Once you have navigated and set each file's path within the update tool, the window of each path should be green.

With the ESP powered:-

- Press and hold Reset button
- Press and hold GPIO-0 button
- Wait a few seconds
- Release Reset button
- Release GPIO-0 button

Press "Start" on the Update Tool and the files should now download. Once complete reboot the ESP.