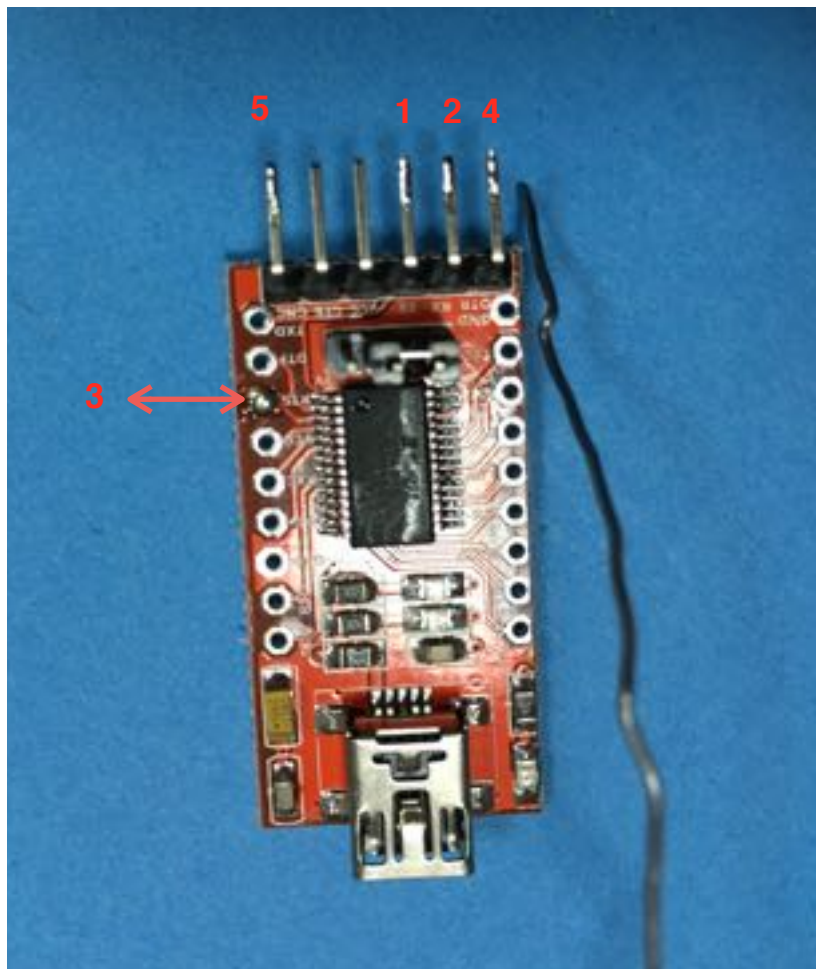
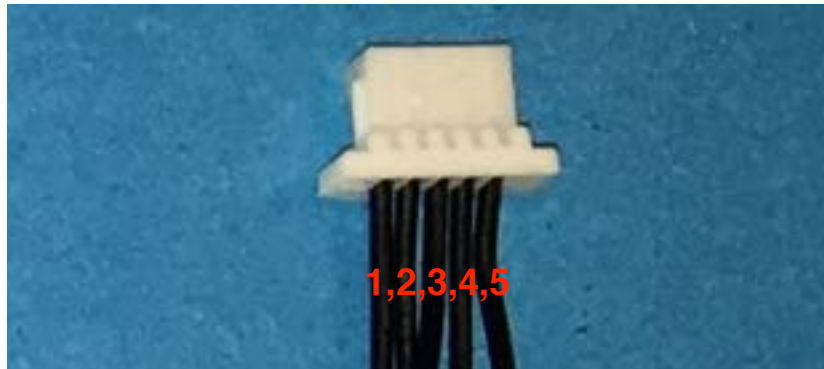




AUTHOMETION LYT8266 PROGRAMMING CABLE KIT

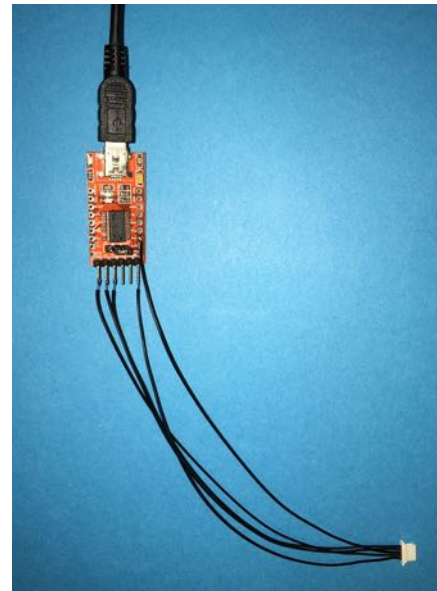


Please connect the female connector 5 wires to the USB to UART converter as showed in figures. Pin1 goes to TX signal, Pin2 goes to RX signal, Pin3 goes to RTS signal, Pin4 goes to DTR signal and Pin 5 goes to GND signal.

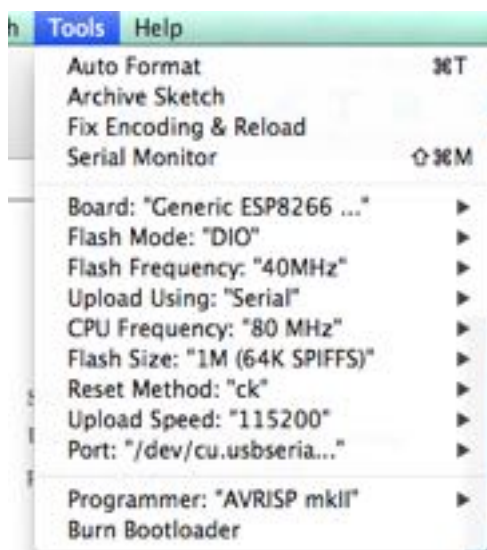
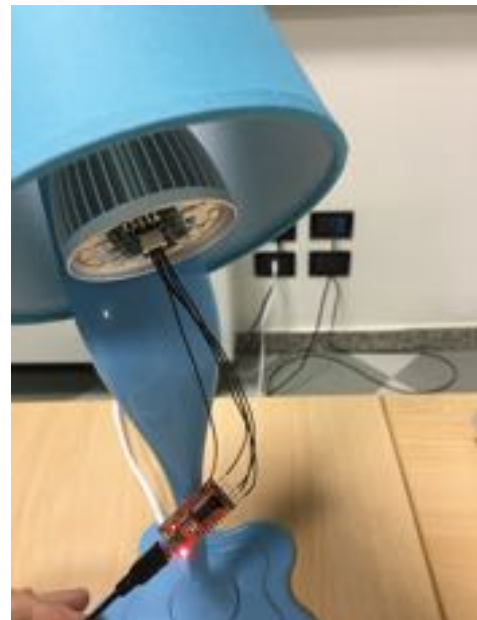


Programming cable kit

This is the soldered and ready to use programming cable.
 Now you can open your LYT8266 and connect the cable to the internal connector.
 Pay attention to not force it otherwise you could bend the small pins inside the male pcb connector.



- To test if the cable is working properly:
- 1) Connect a mini usb cable to your PC/Mac
 - 2) Power on the LYT8266
 - 3) Launch the Arduino environment and open the LYT8266 sketch from File->Examples->LYT8266Led->LYT8266.
 - 4) Check the board configuration as showed in picture and select the right serial port.
 - 5) Try to upload the skeet to the bulb.



SYSTEM SETTINGS:
 Board: Generic ESP8266 module
 Flash Mode: DIO
 Flash frequency: 40MHz
 Upload Using: Serial
 CPU Frequency: 80 MHz
 Flash Size: 1M (64K SPIFFS)
 Reset Method: ck
 Upload Speed: 115200

In case you will have problems uploading a sketch using the serial cable with errors like this

```
error: espcomm_open failed  
error: espcomm_upload_mem failed
```

please power off your LYT8266 and short-circuit pin 5 (GND) and pin 4 (DTR) using for example an alligator clip.

In this way when you will power on the LYT it will be forced to enter in programming mode.
Now try again to upload your sketch and remember to remove the short circuit when finish.