

WASP Construction Summary

John van Schouwen
2019-04-08

Outline

- 1) WASP Lighting Controller
- 2) WASP Lighting Slave
- 3) Moteino Wireless Programmer
- 4) RGB LED Pixel String Variations

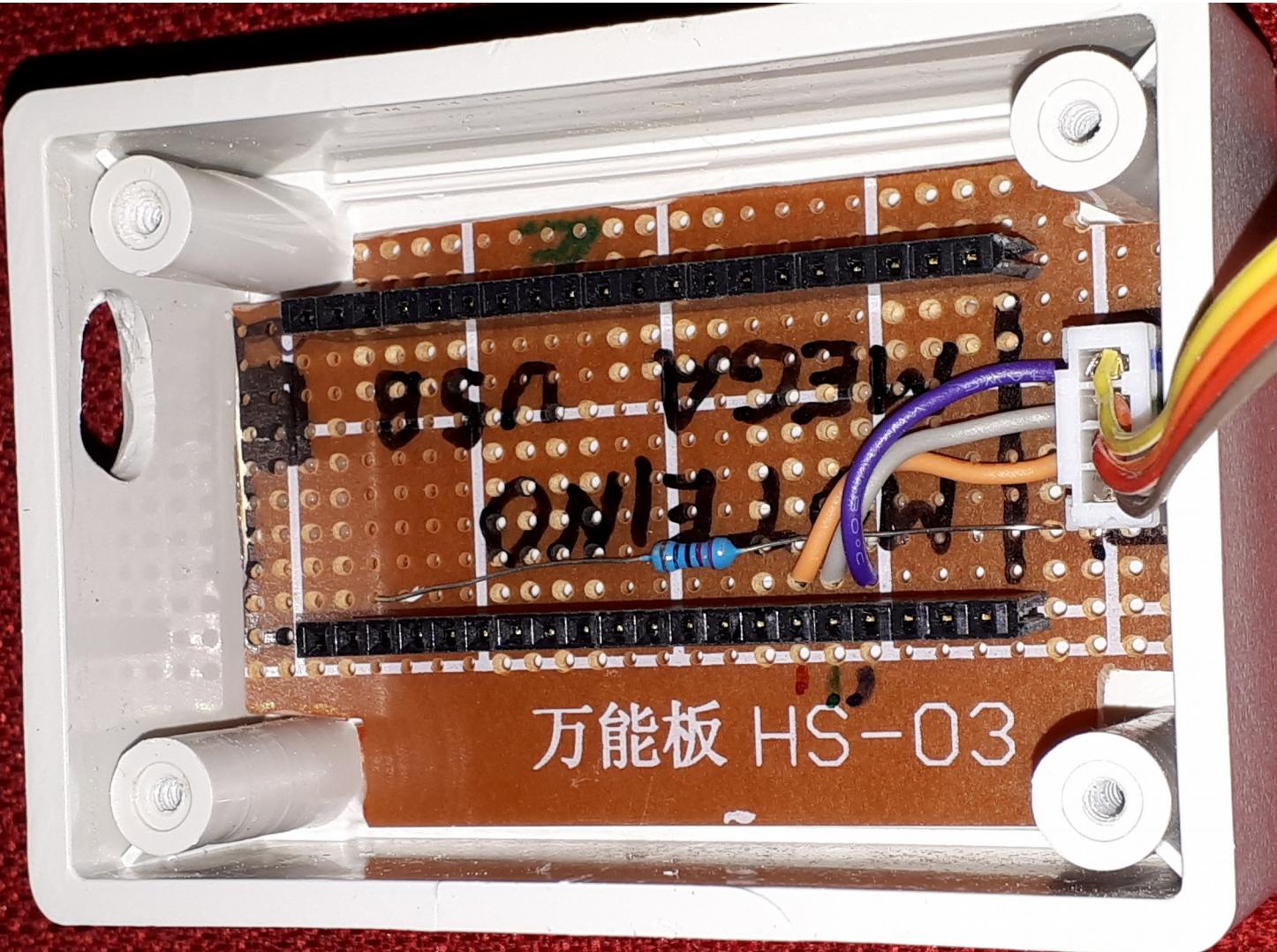
WASP Controller

WASP Lighting Controller

R:Power G:WIPE B:Run
G/B:AutoRun Pending

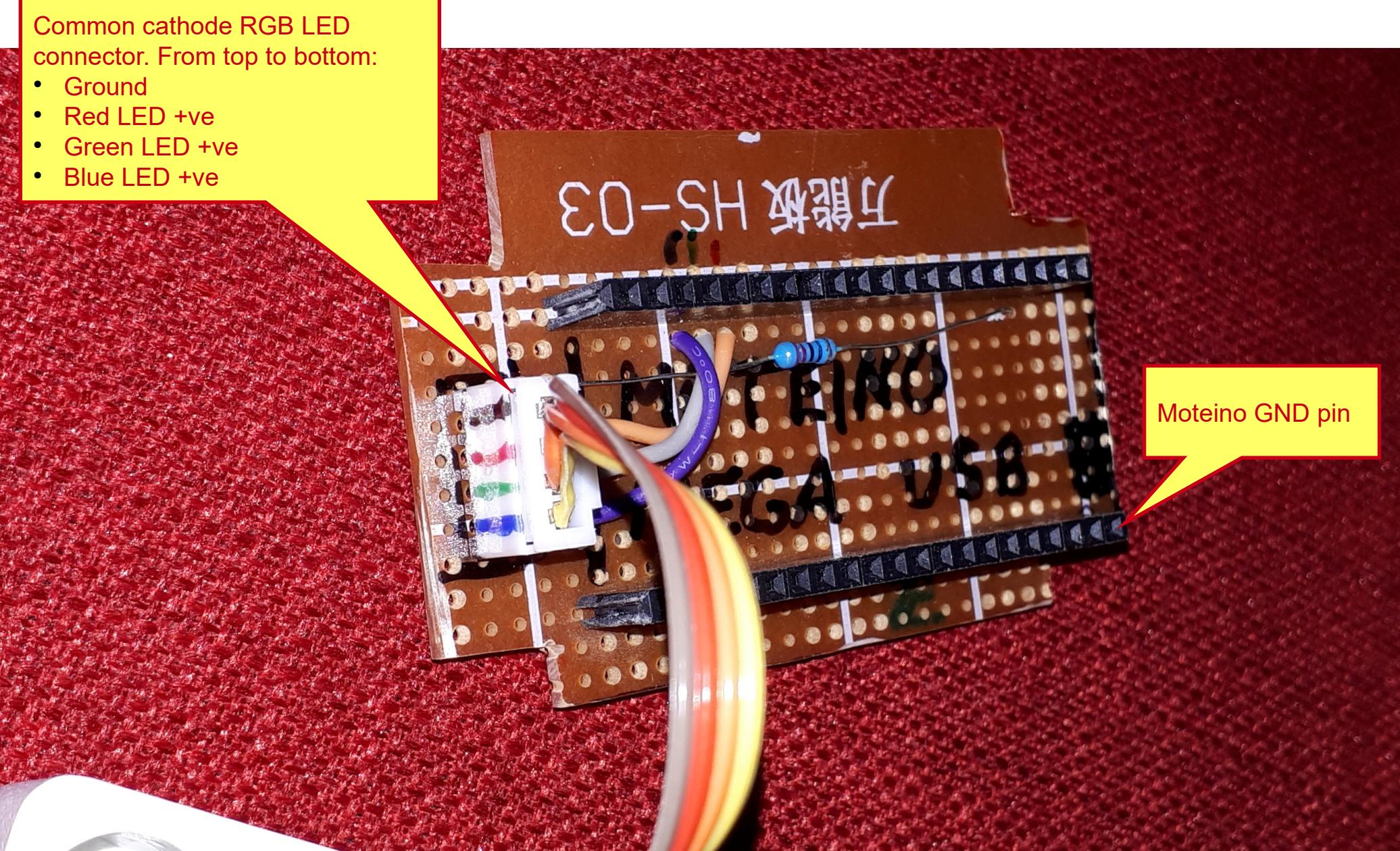




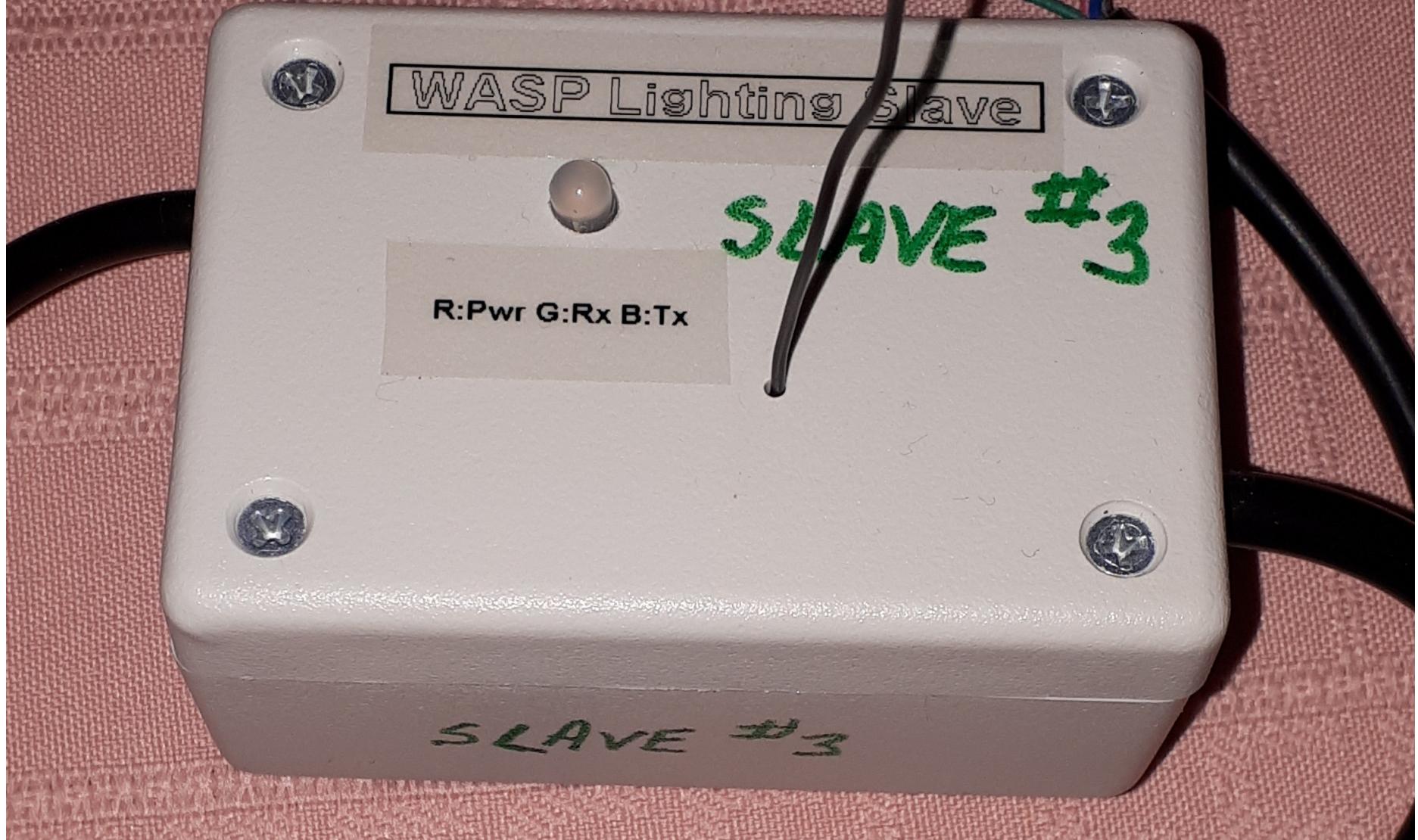


Common cathode RGB LED connector. From top to bottom:

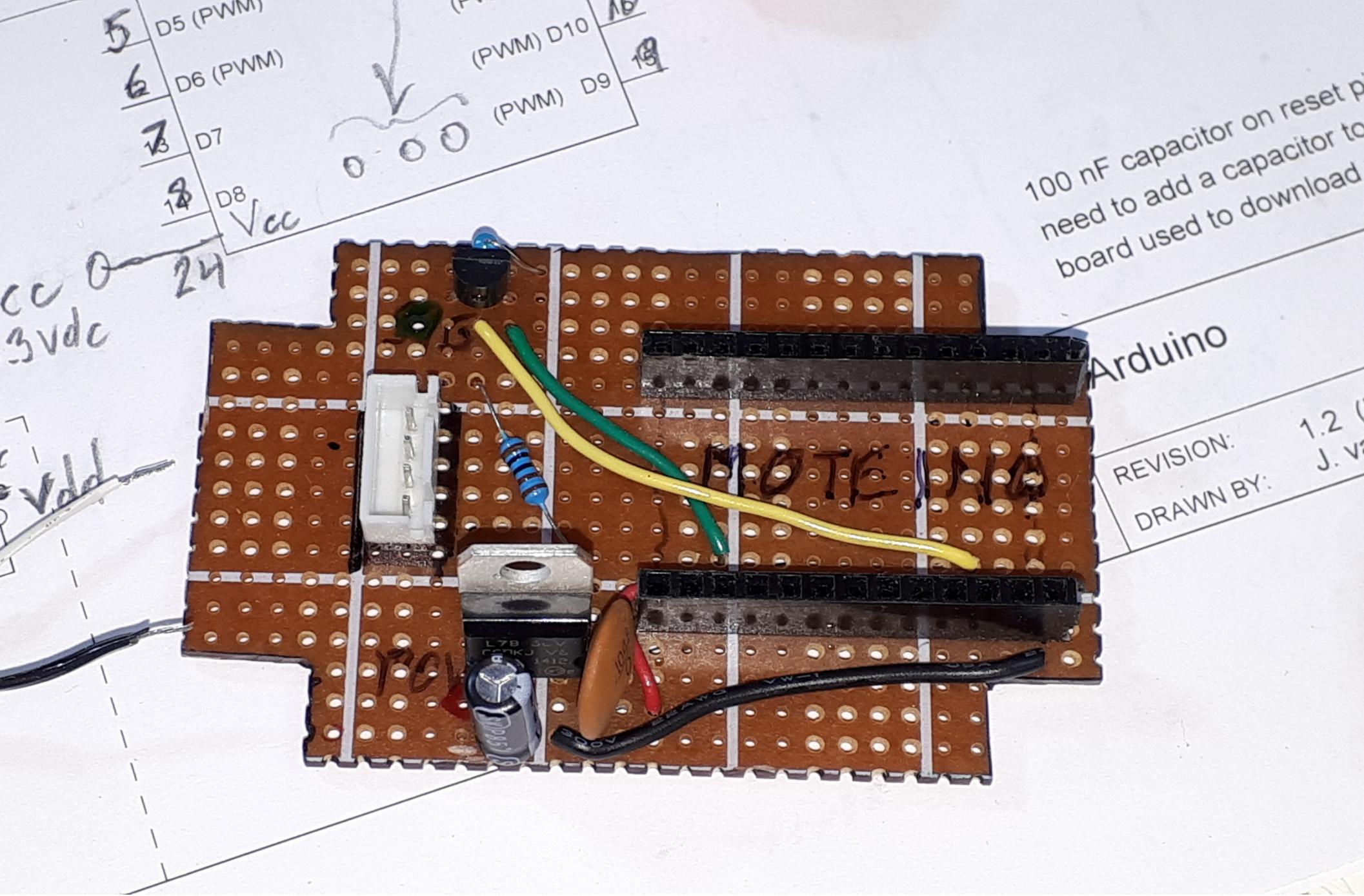
- Ground
- Red LED +ve
- Green LED +ve
- Blue LED +ve



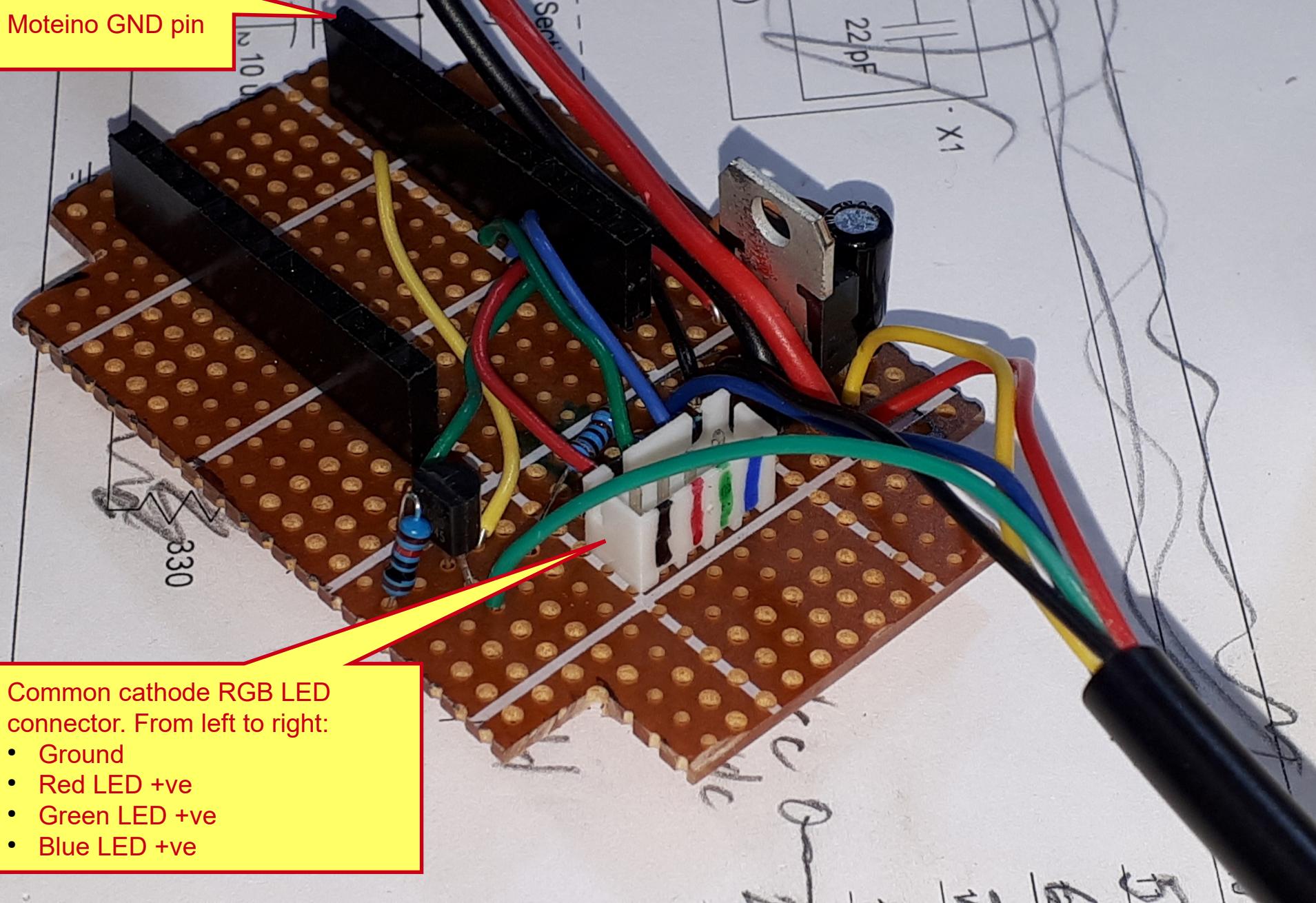
WASP Slave





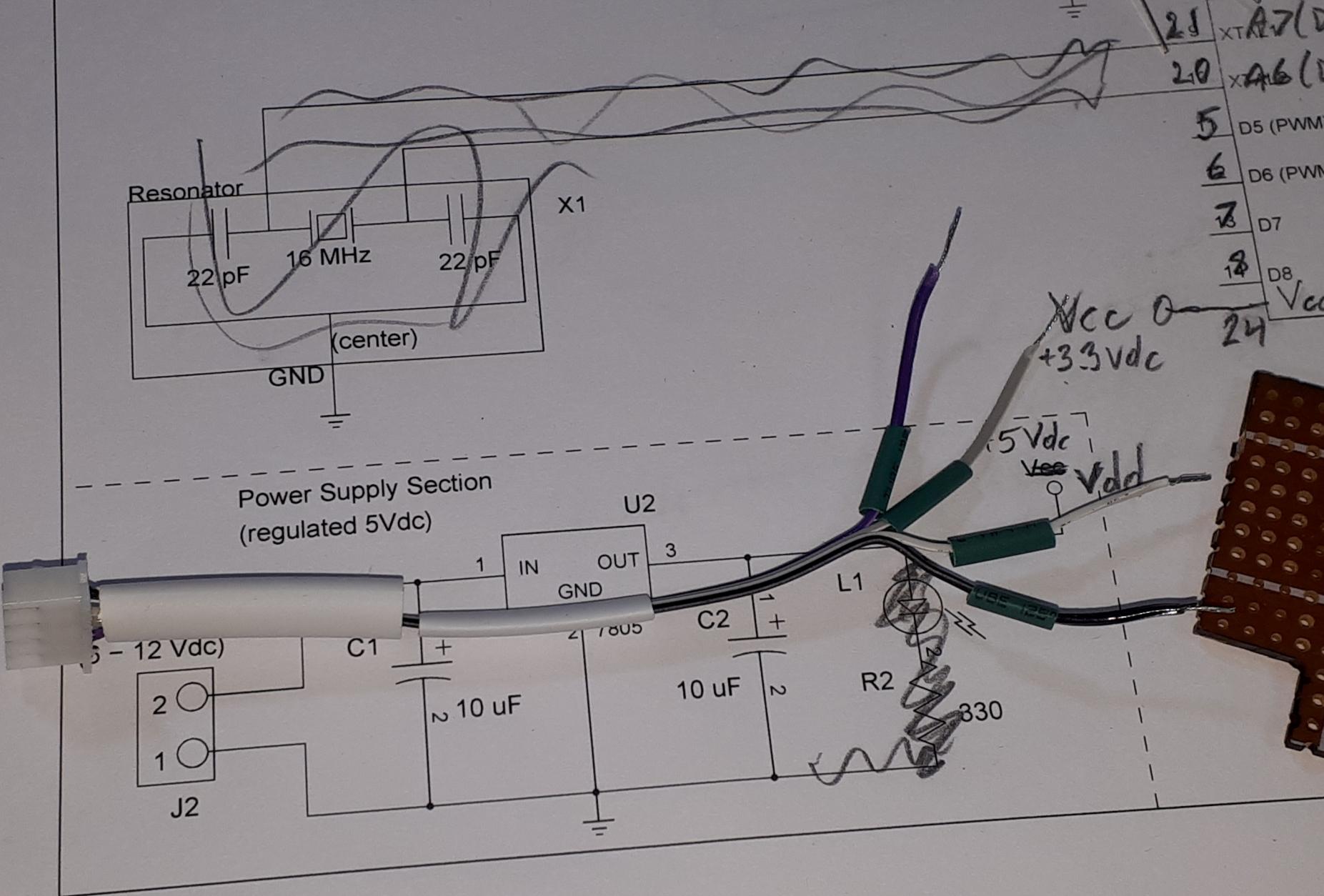


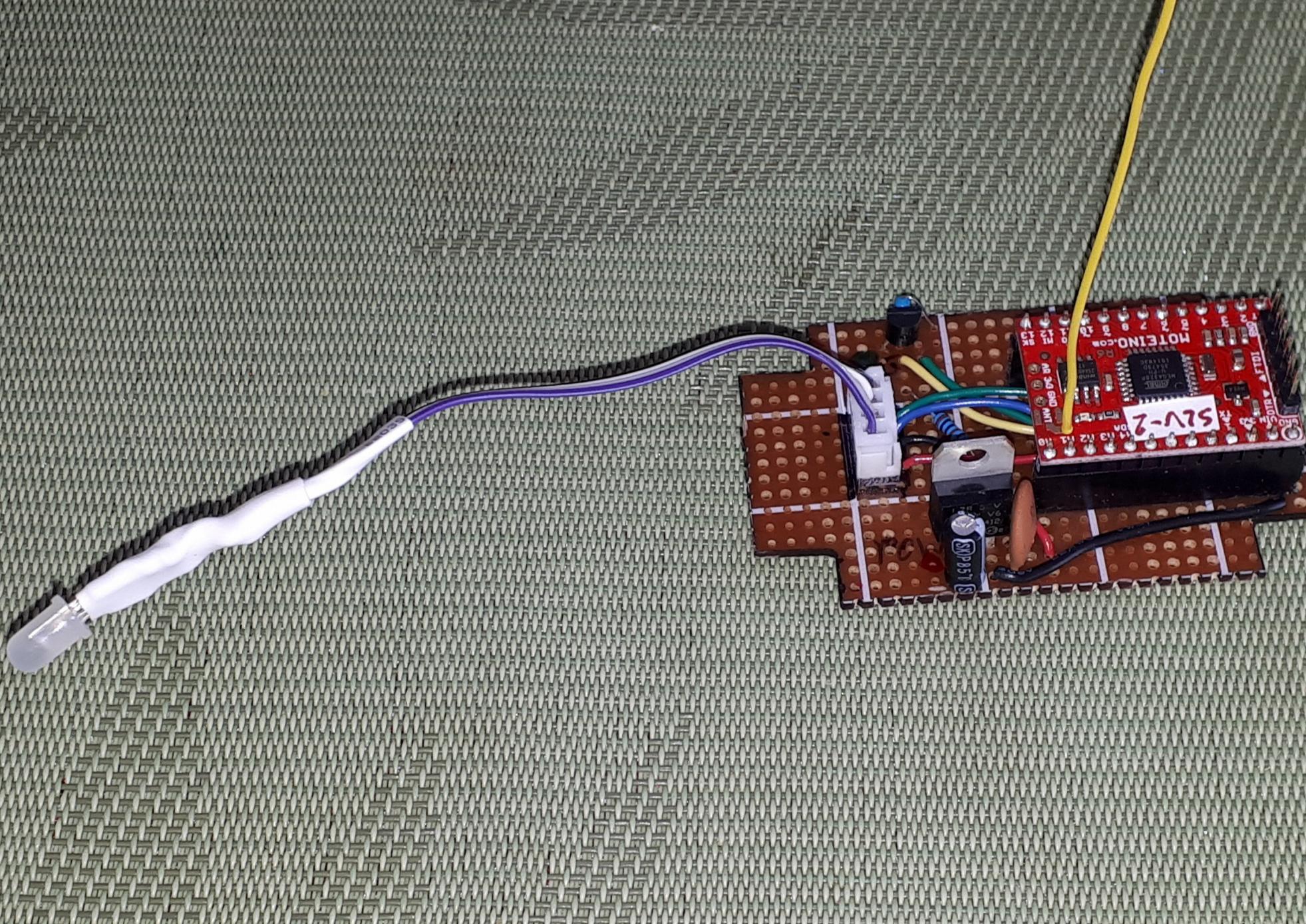
Moteino GND pin

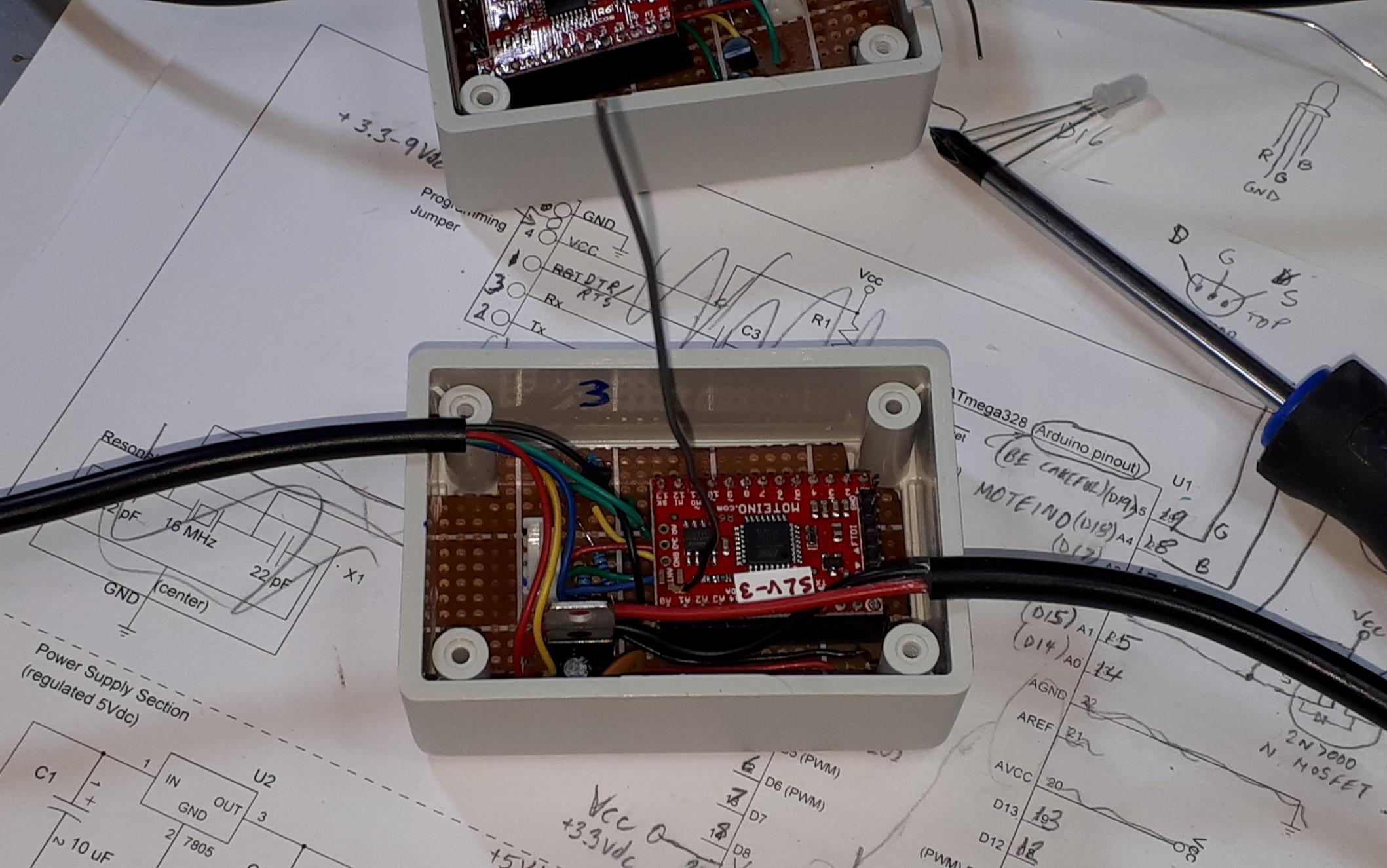


Common cathode RGB LED connector. From left to right:

- Ground
- Red LED +ve
- Green LED +ve
- Blue LED +ve





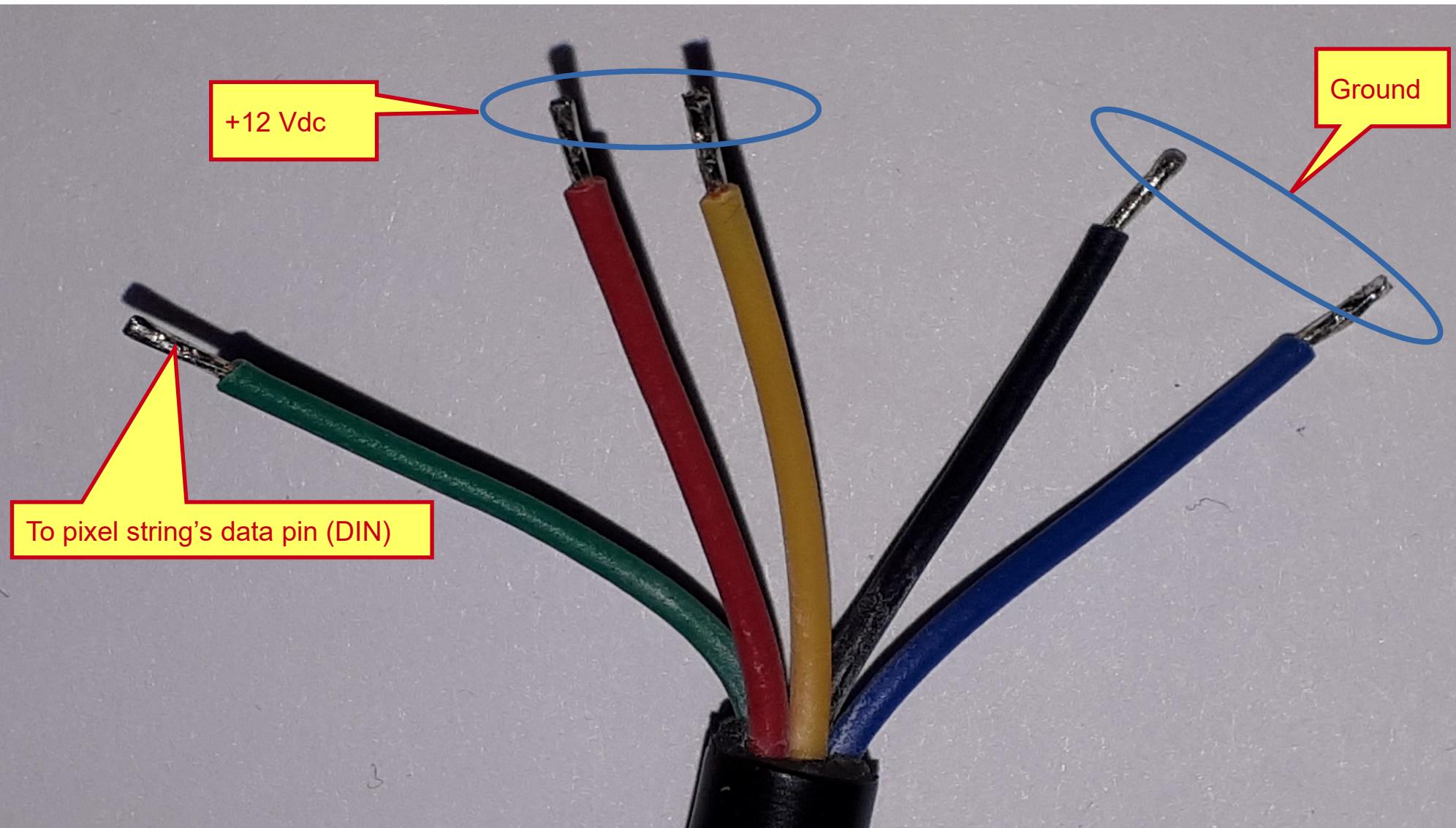


19-04-08

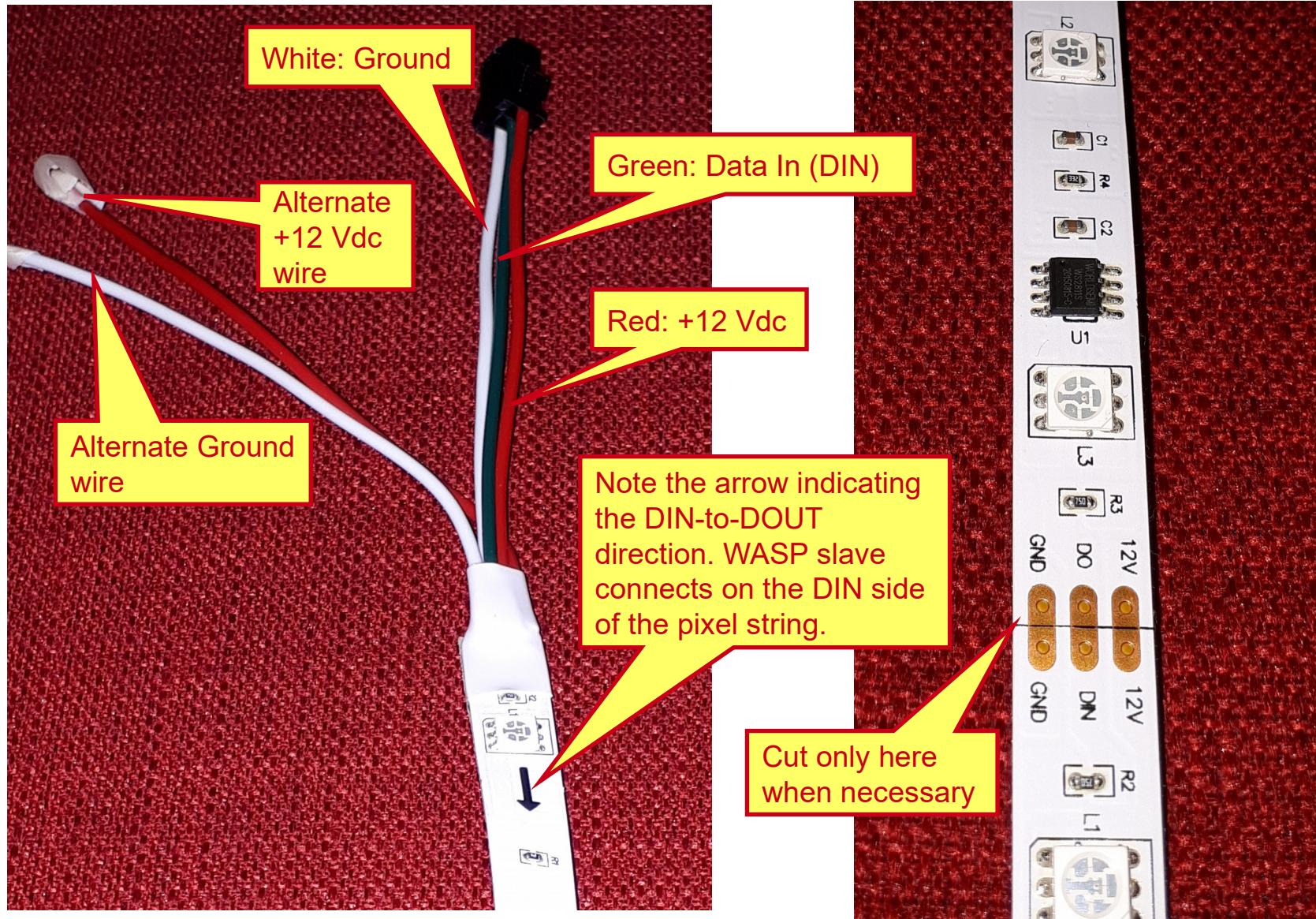
WASP Construction - J.van Schouwen, 2019

16

WASP Slave's Control Cable

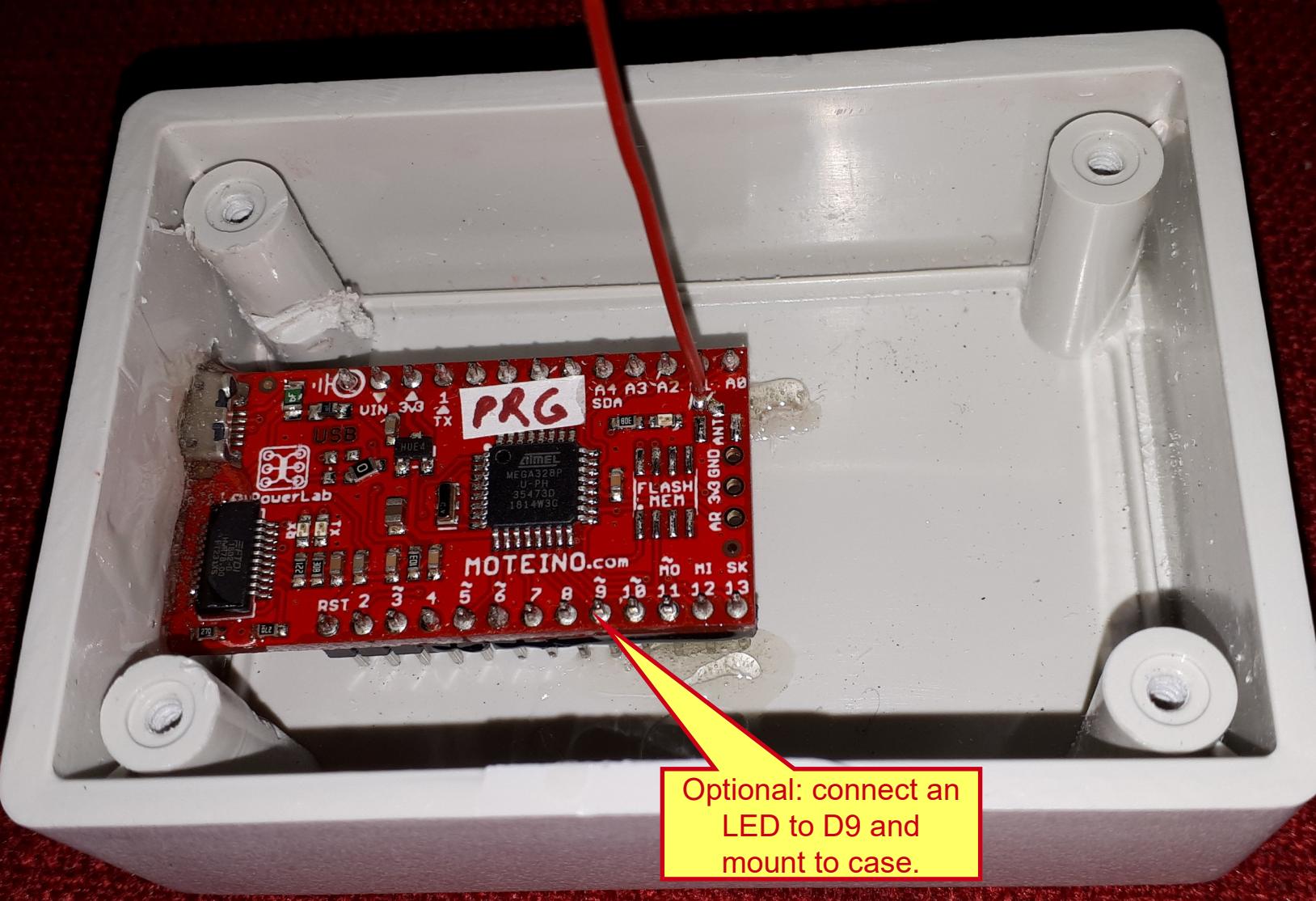


Pixel String Connections



Moteino Wireless Programmer





RGB LED Pixel String Variations

HIKETOLIGHT



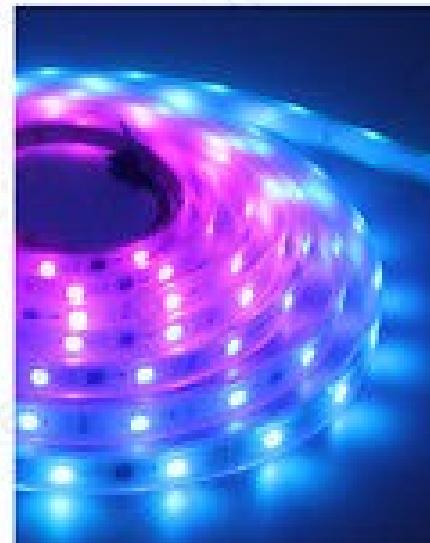
IP20



IP65



IP67





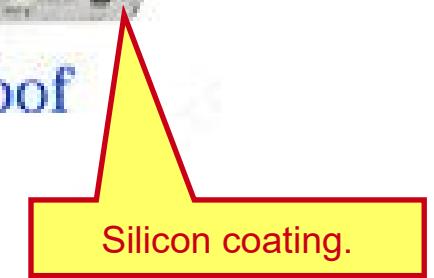
IP20 Non-waterproof



IP65 Waterproof



IP67 Waterproof in
Silicon Tube



HIKETOLIGHT



Black PCB

White PCB

