

The background of the slide is a complex network diagram. It consists of numerous black dots of varying sizes, representing nodes, which are interconnected by a dense web of thin, light gray lines. The connections are more prominent in some areas, creating a sense of depth and complexity. In the upper left, there is a dark gray rectangular box containing white text. To the right of this box, there is a small, square inset image in the top right corner of the slide.

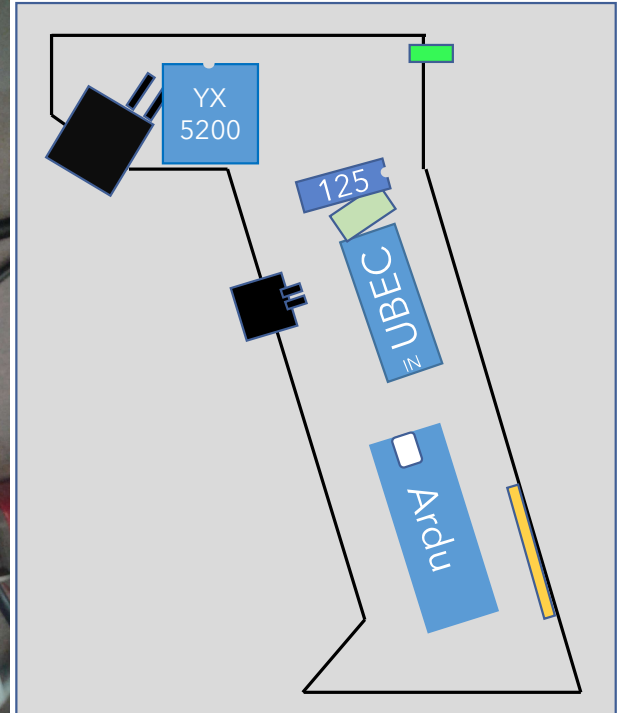
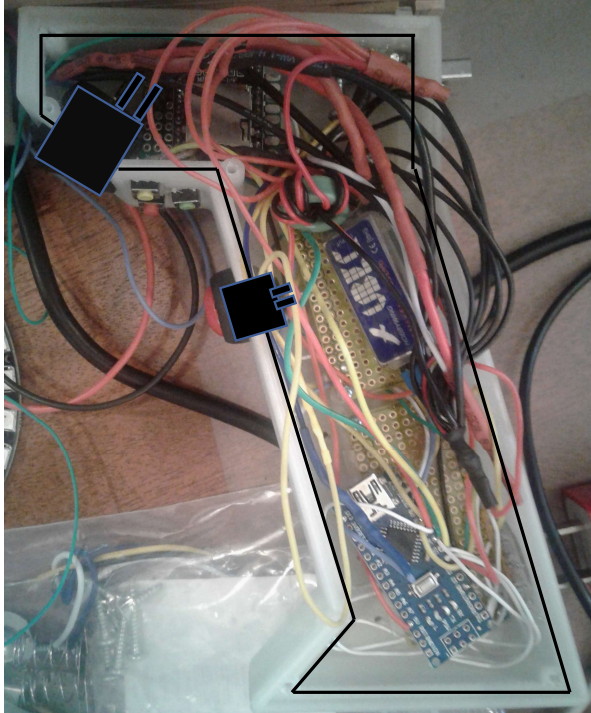
... the AWESOME

FOOF RBG Wiring

2020-07-18



FOOF RBG Electronics Compartment



FOOF RBG Power

Battery 8.3V: 1 connection:

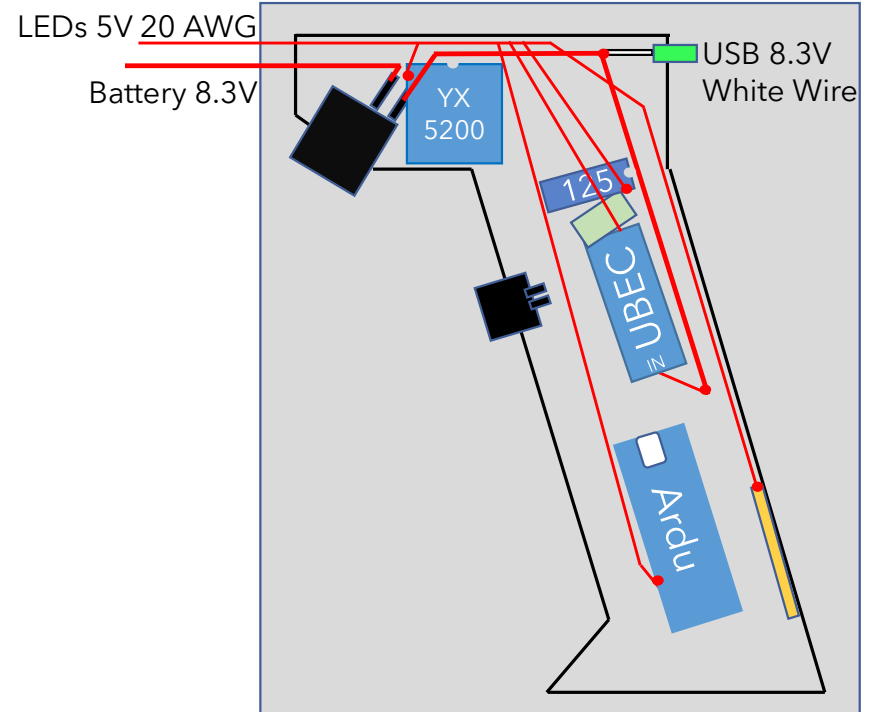
- on/off switch

USB 8.3V: 3 connections:

- on/off switch
- USB White Wire
- UBEC +V Input

LEDs 5V 20 AWG: 5 connections:

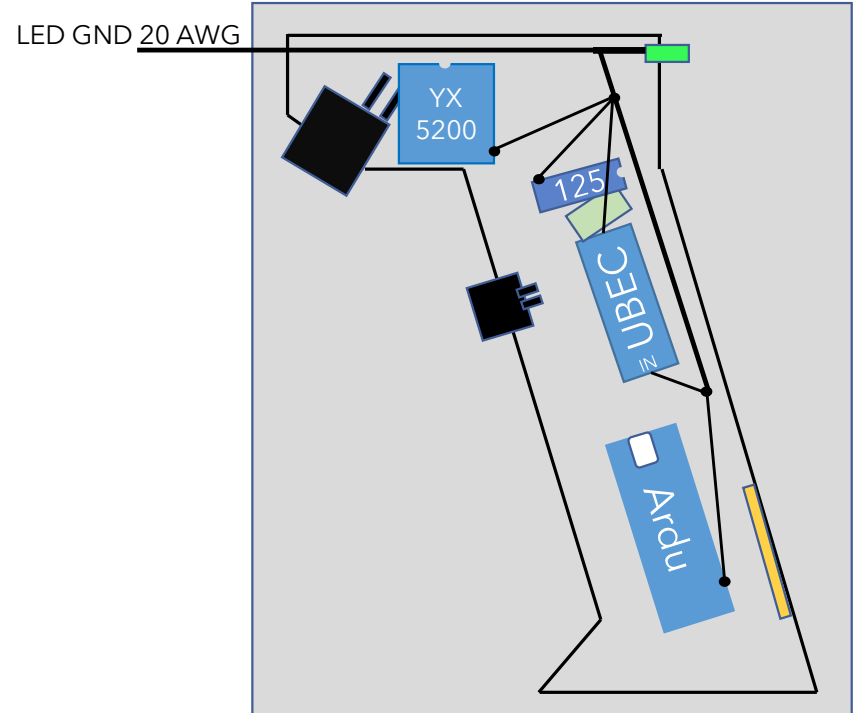
- YX5200 pin "01"
- Arduino pin "5V"
- UBEC 5V output
- SN74HCT125N pin "14"
- 10K Ohm SIP pin "??"



FOOF RBG Ground

Note: UBEC grounds CONNECTED
LED GND 20 AWG : 7 connections:

- YX5200 pin "10"
- Arduino pin "GND"
- UBEC GND input
- UBEC GND output
- SN74HCT125N pin "07"
- USB Black Wire



FOOF RBG USB Connector Other

