

... the AWESOME

2020-10-23

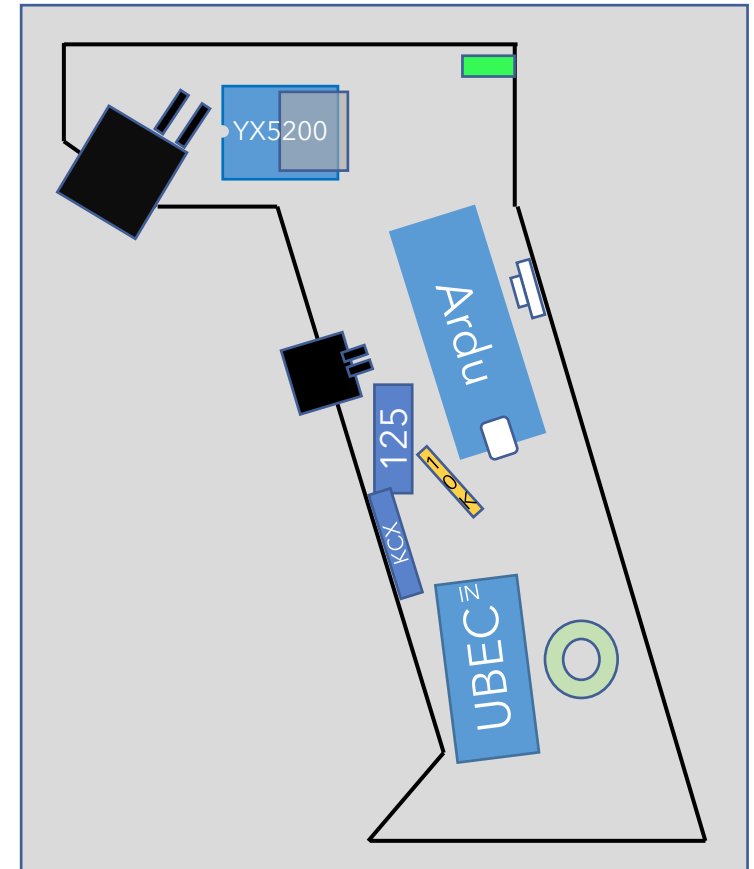
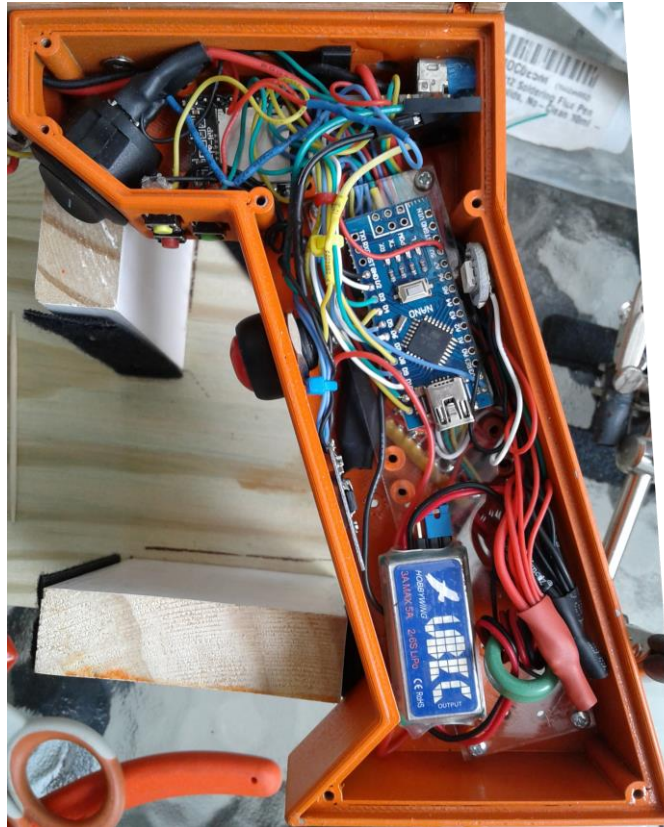
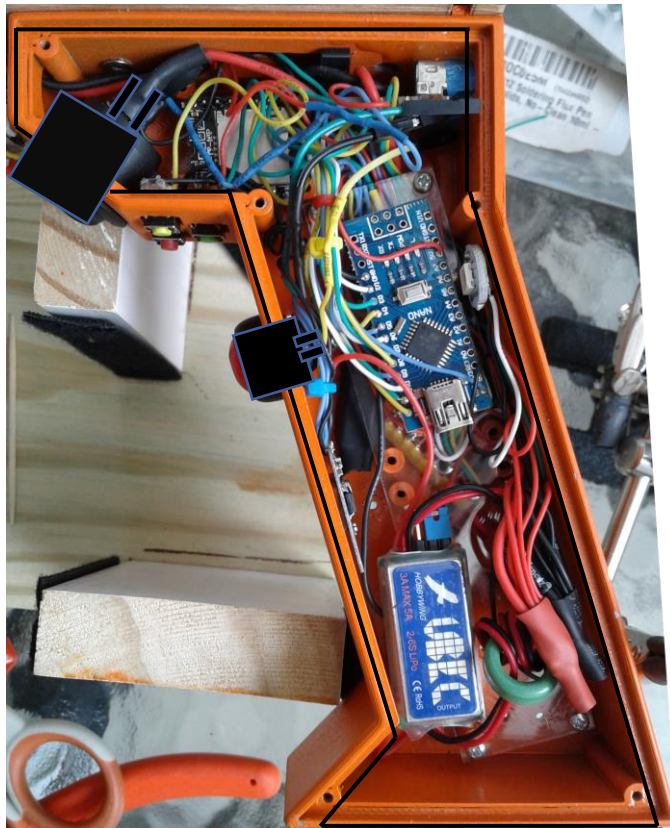
# FOOF RBG Wiring

<https://github.com/Mark-MDO47/RubberBandGun>





# FOOF RBG Electronics Compartment



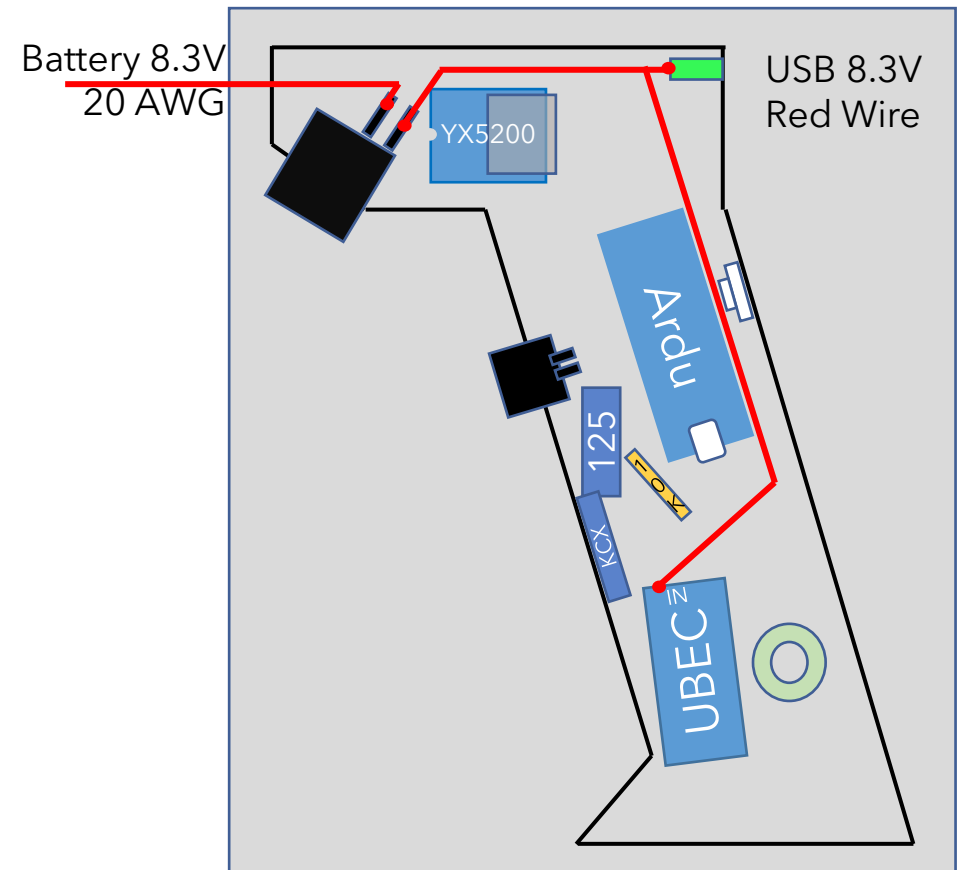
# FOOF RBG 8.3V Power

Battery 8.3V: 1 connection:

- on/off switch

Post-Switch 8.3V: 3 connections:

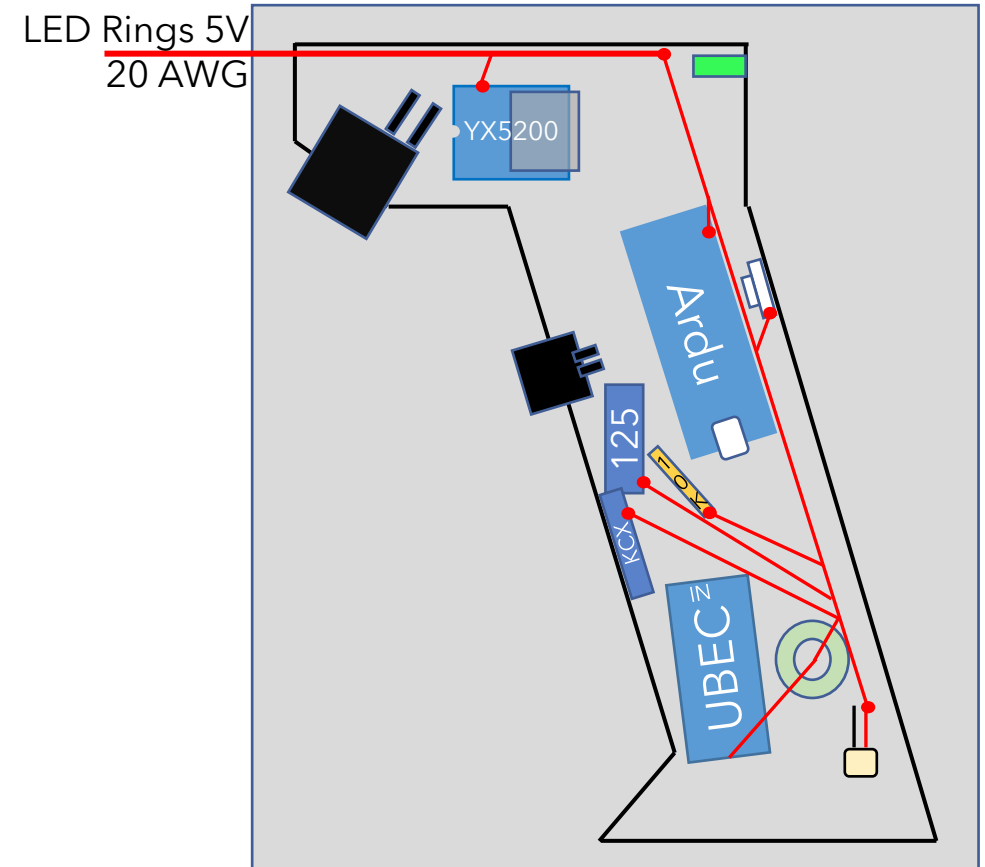
- on/off switch
- USB Red Wire
- UBEC +V Input



# FOOF RBG 5V Power

UBEC 5V output: 8 connections:

- LED Rings 5V 20 AWG
- YX5200 pin "01"
- Arduino pin "5V"
- Single LED "5V"
- SN74HCT125N pin "14"
- 10K Ohm SIP pin (with lettering)
- KCX\_BT\_EMITTER pin "+5V"
- 100 uF capacitor + side



# FOOF RBG Ground

Note: UBEC grounds CONNECTED  
LED GND 20 AWG : 9 connections:

- USB Black Wire
- YX5200 pin "10"
- 3 @ configuration buttons
- Arduino pin "GND"
- Single LED "GND"
- UBEC GND input & output
- SN74HCT125N pin "07"
- KCX\_BT\_EMITTER pin "GND"
- 100 uF capacitor - side

