

... the AWESOME

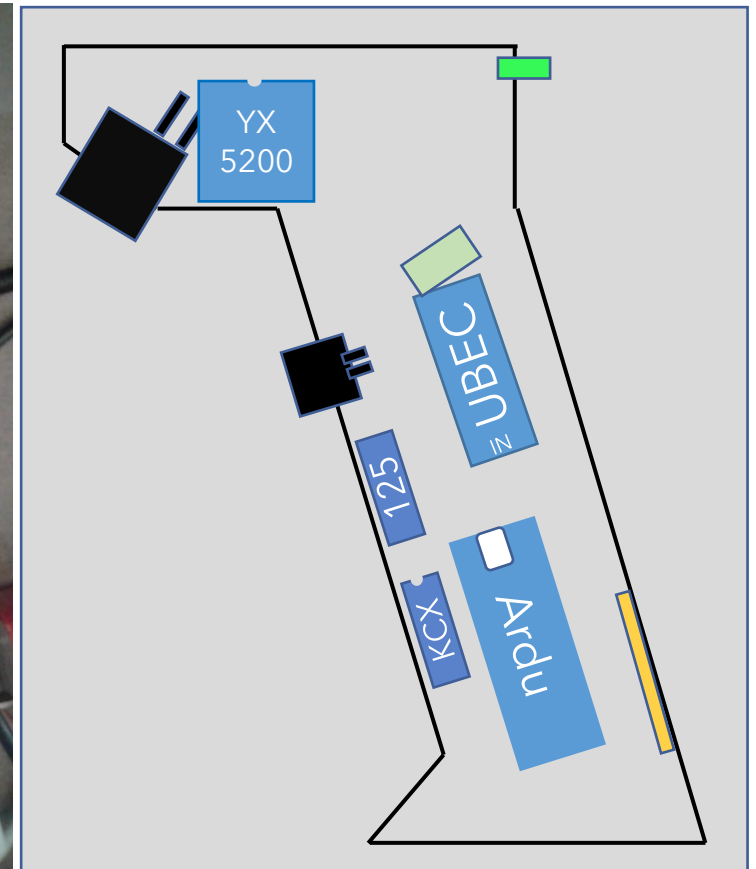
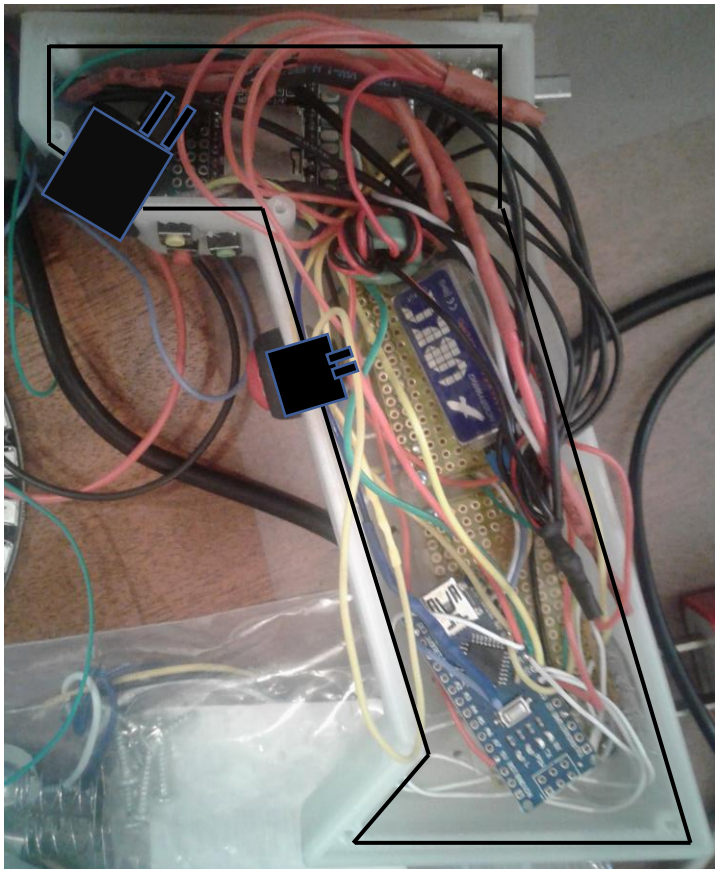
2020-09-10

# FOOF RBG Wiring

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



# FOOF RBG Electronics Compartment





# FOOF RBG Power

Battery 8.3V: 1 connection:

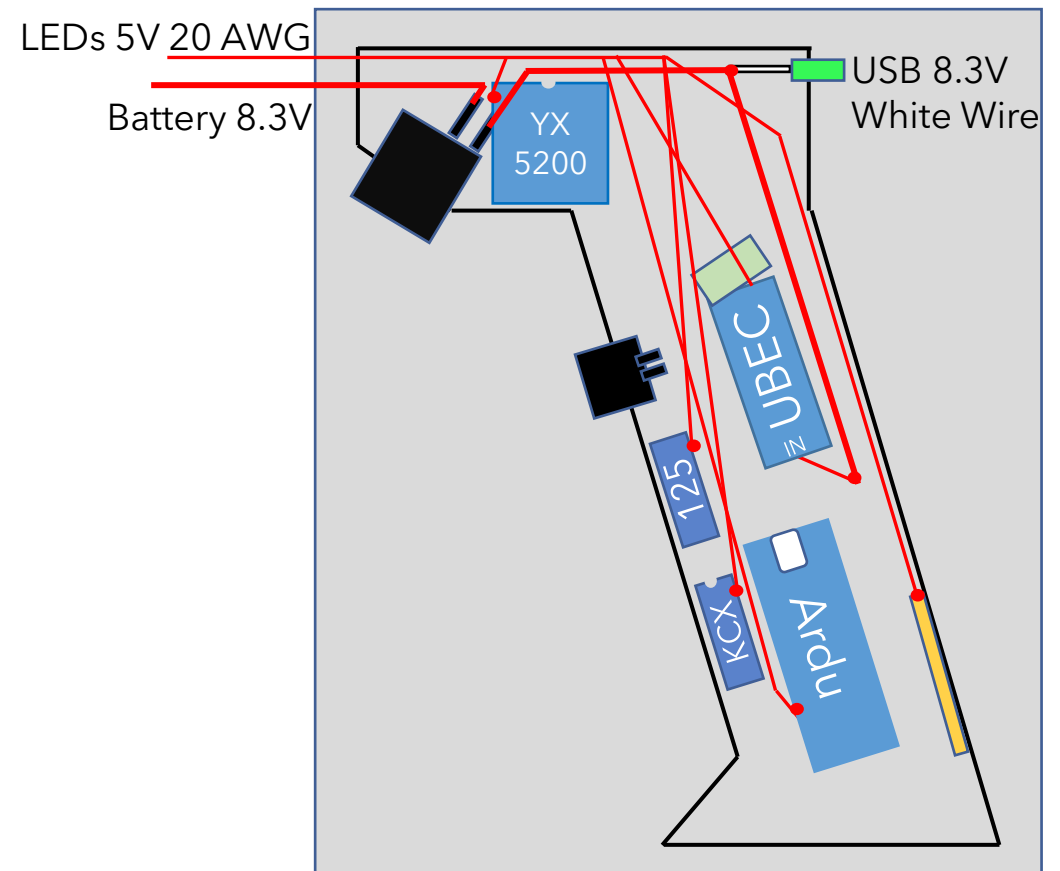
- on/off switch

USB 8.3V: 3 connections:

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

LEDs 5V 20 AWG: 6 connections:

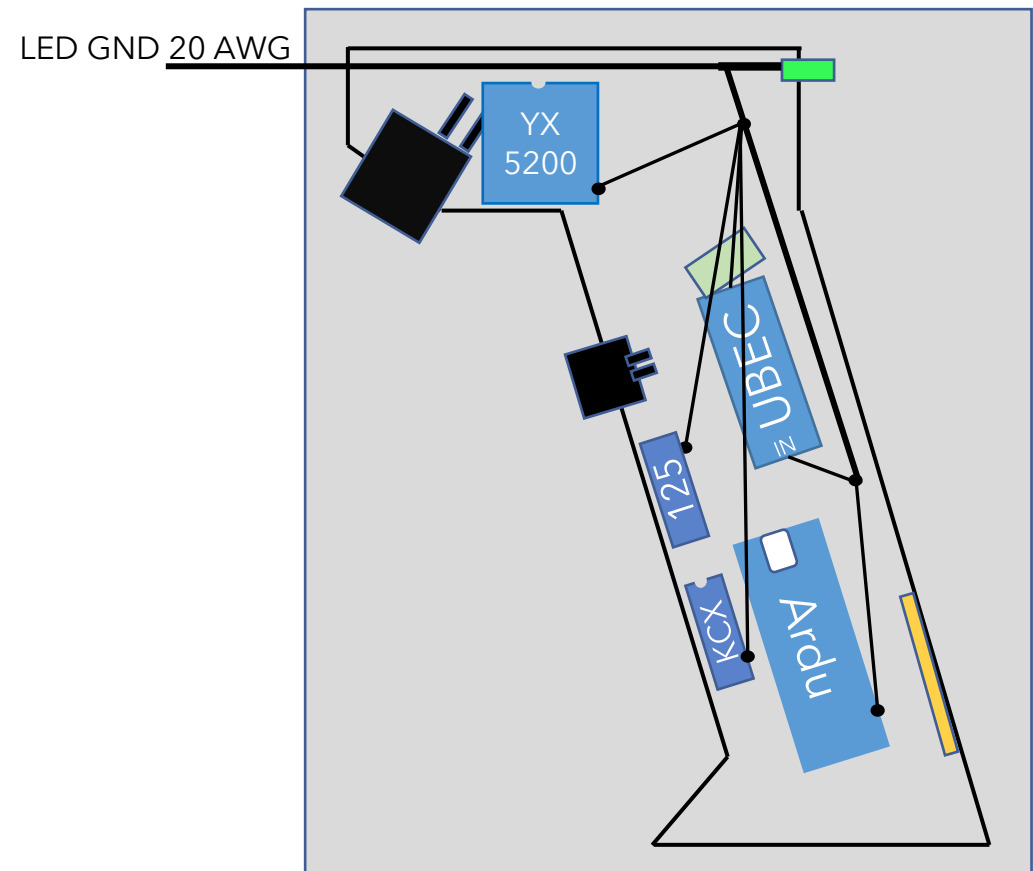
- YX5200 pin "01"
- Arduino pin "5V"
- UBEC 5V output
- SN74HCT125N pin "14"
- 10K Ohm SIP pin "??"
- KCX\_BT\_EMITTER pin "+5V"



# FOOF RBG Ground

Note: UBEC grounds CONNECTED  
LED GND 20 AWG : 8 connections:

- YX5200 pin "10"
- Arduino pin "GND"
- UBEC GND input
- UBEC GND output
- SN74HCT125N pin "07"
- USB Black Wire
- KCX\_BT\_EMITTER pin "GND"



# FOOF RBG USB Connector Other

