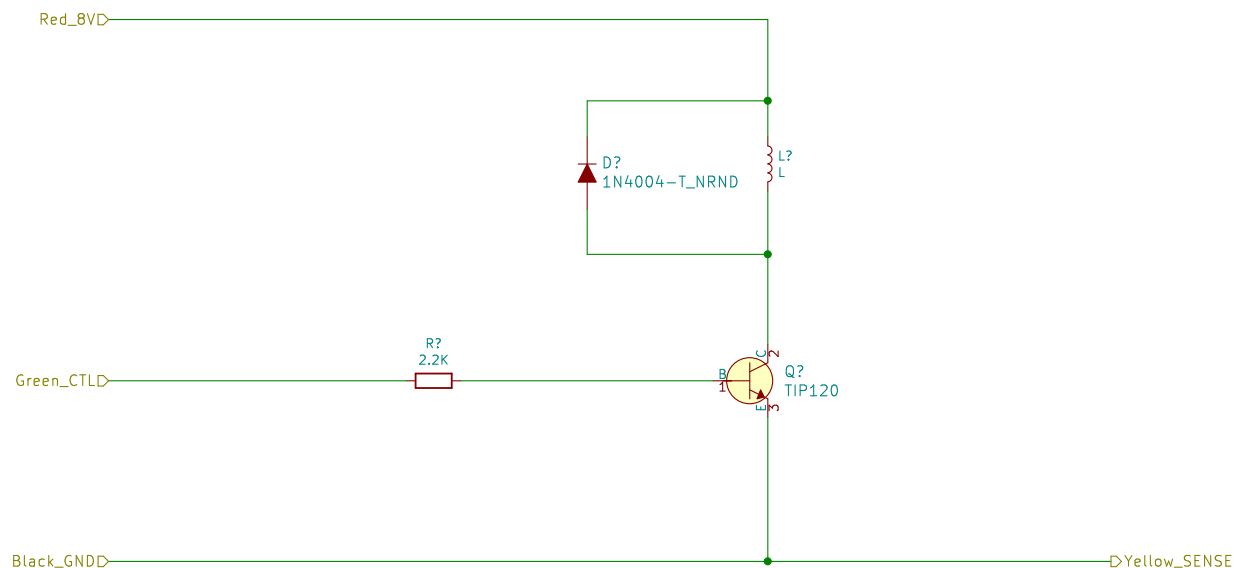




Derived from [https://cdn-shop-adafruit.com/product-files/412/solenoid\\_driver.pdf](https://cdn-shop-adafruit.com/product-files/412/solenoid_driver.pdf)



Solenoid circuit connects when ready to fire,  
disconnects when pulled out for loading.

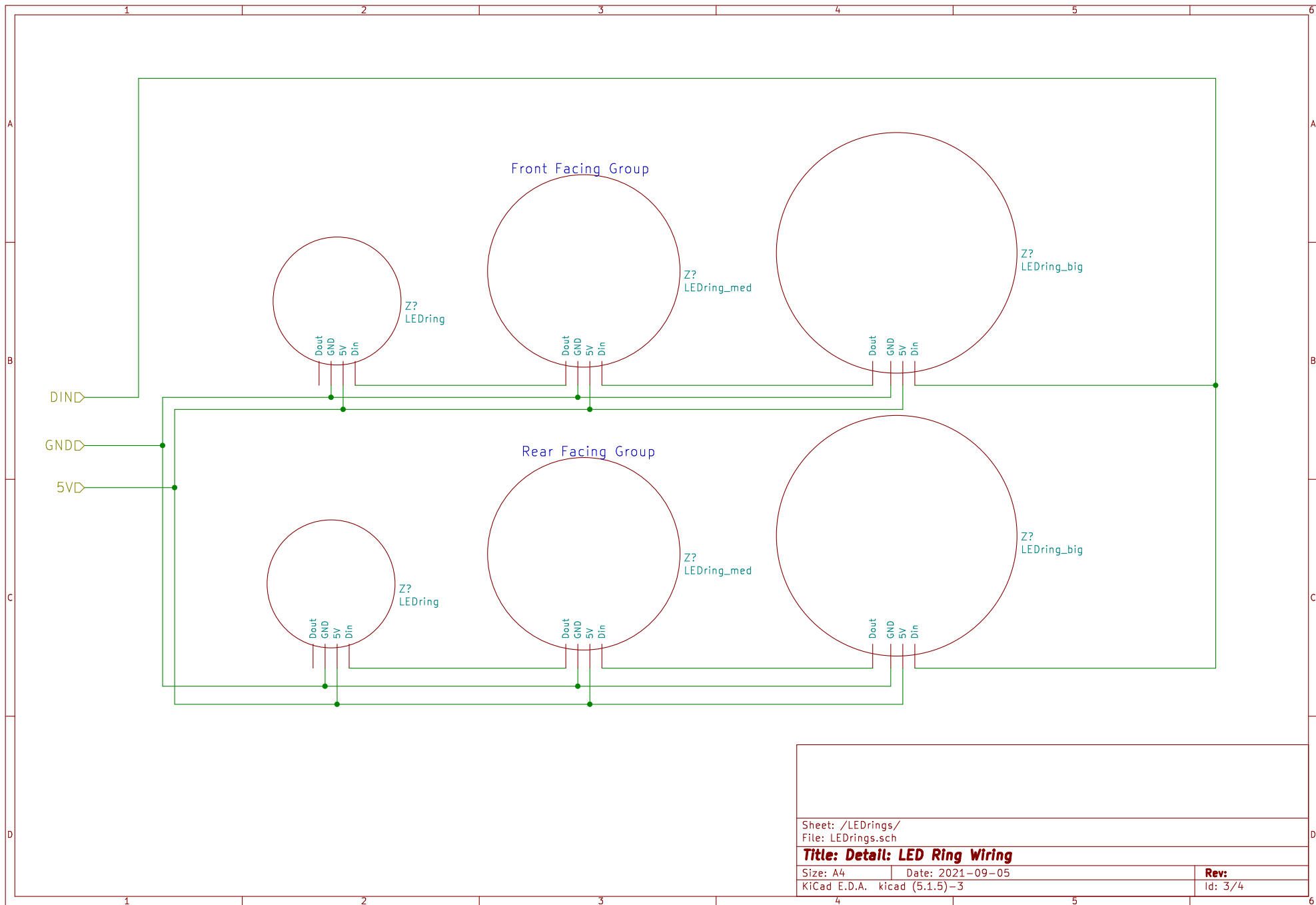
Sheet: /Solenoid/  
File: Solenoid.sch

**Title: Detail: Solenoid Driver**

Size: A4 Date: 2021-09-05

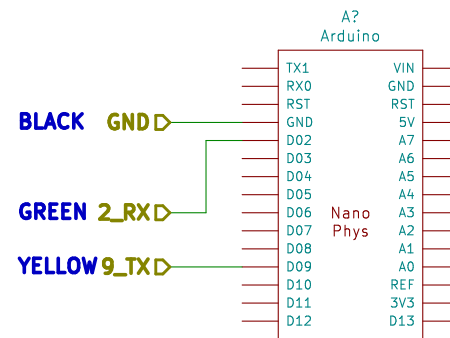
KiCad E.D.A. kicad (5.1.5)-3

**Rev:**  
Id: 2/4



Only connect Programming Arduino  
when programming KCX\_BT\_EMITTER  
Bluetooth Audio Module

Programming Arduino does not need to be a Nano.  
It must be an Arduino with 5V interfaces  
Power via USB and use Serial Monitor to control



These 3 connectors should be male jumper wires.  
Use the color code suggested to avoid connection errors.  
Matching labels to female jumpers suggested:  
GND  
2 RX  
9 TX

Programs the KCX\_BT\_EMITTER Bluetooth Module

Note – Arduino shown top view with notch on top  
--- if wiring from bottom, reverse left and right

Sheet: /Programming Arduino/  
File: ProgArd.sch

**Title: Programming Arduino**

Size: A4 Date: 2021-09-05

KiCad E.D.A. kicad (5.1.5)-3

**Rev:**  
Id: 4/4