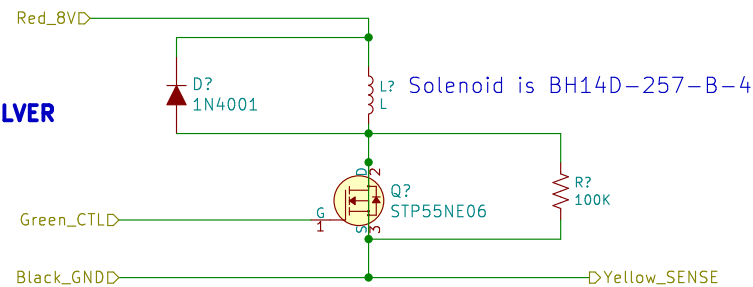


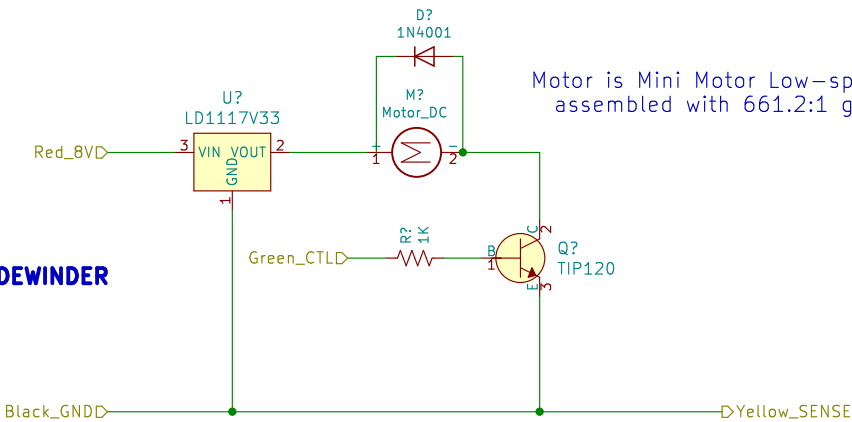
see alternative https://cdn-shop-adafruit.com/product-files/412/solenoid_driver.pdf

Solenoid circuit – SILVER



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

Motor Circuit – SIDEWINDER



Motor is Mini Motor Low-speed Gearbox (4-speed) by Tamiya 70189**860.
assembled with 661.2:1 gear ratio

Use solenoid OR motor circuit

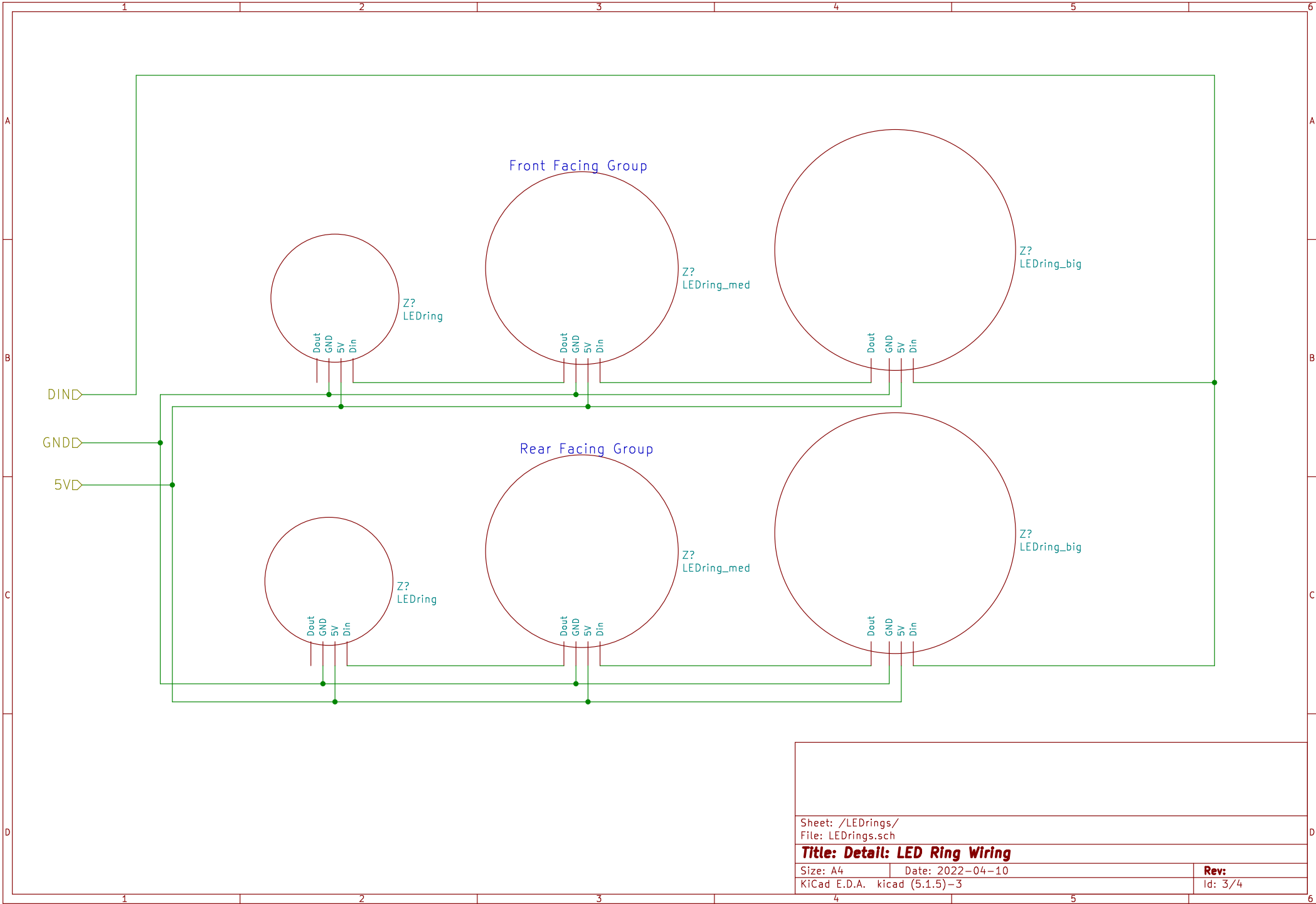
Sheet: /Solenoid/
File: Solenoid.sch

Title: Detail: Solenoid or Motor Driver

Size: A4 Date: 2022-04-10

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Rev:
Id: 2/4



Sheet: /LEDrings/
File: LEDrings.sch

Title: LED Ring Wiring

Size: A4 Date: 2022-04-10

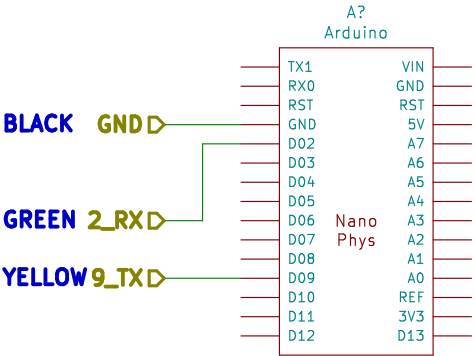
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Rev:

Id: 3/4

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: 2022-04-10

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Rev:
Id: 4/4