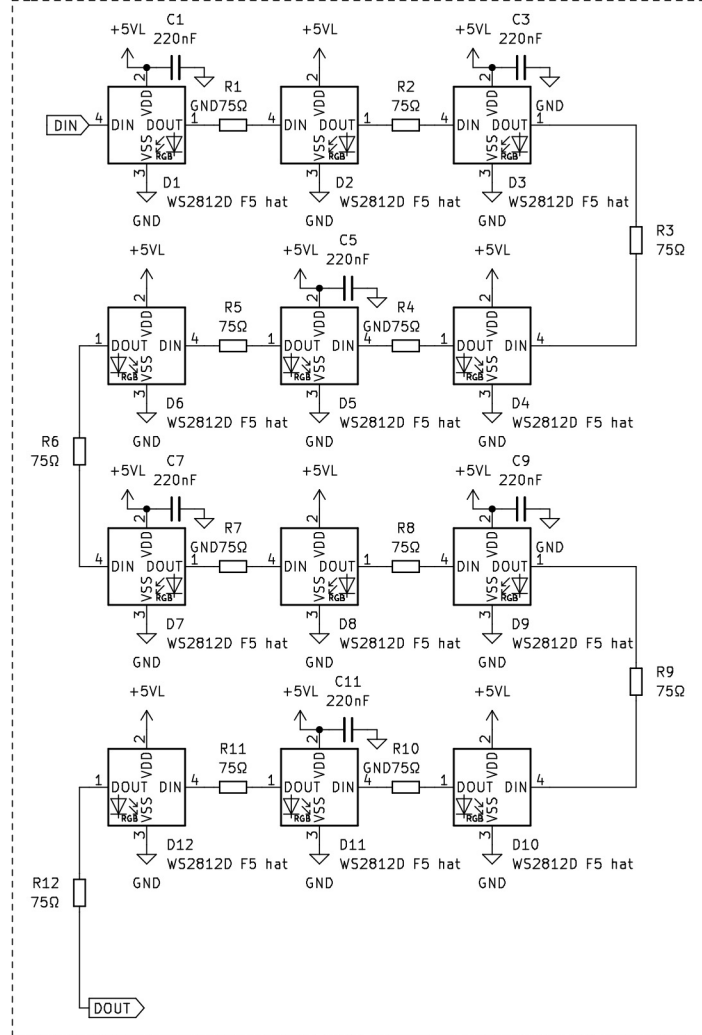
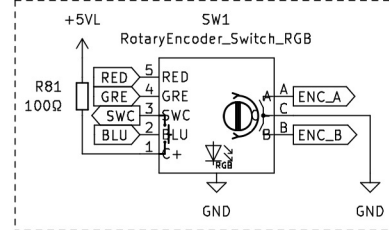


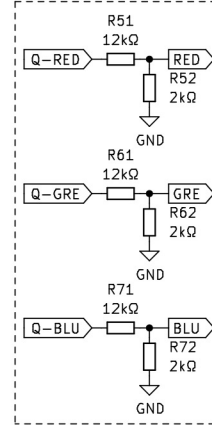
# LED ring



# Rotary encoder with switch and RGD Led

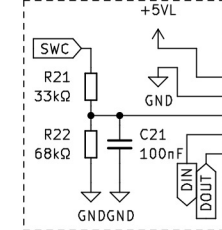


# V dividers for encoder LED

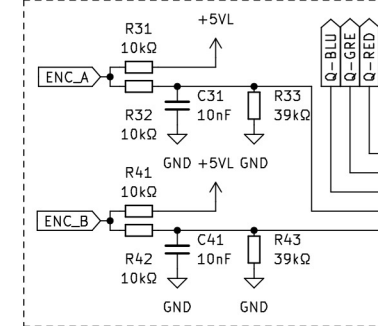


above values are for 24V PWM !  
For 12V strips use 5.1kΩ for R51, R61 and R71

# Power in, switch out, data in/out

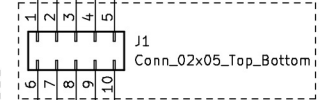


# Encoder out, RGB Led in



H1  
MountingHole

# Connector interface



designed by andilge

Sheet: /  
File: Futai Encoder + WS2811 ring.kicad\_sch

**Title: enlightened rotary encoder**

Size: A4 Date: 2022-01-31  
KiCad E.D.A. 6.0.1-79c1e3a40b-116-ubuntu20.04.1

**Rev: 0.85**  
Id: 1/1