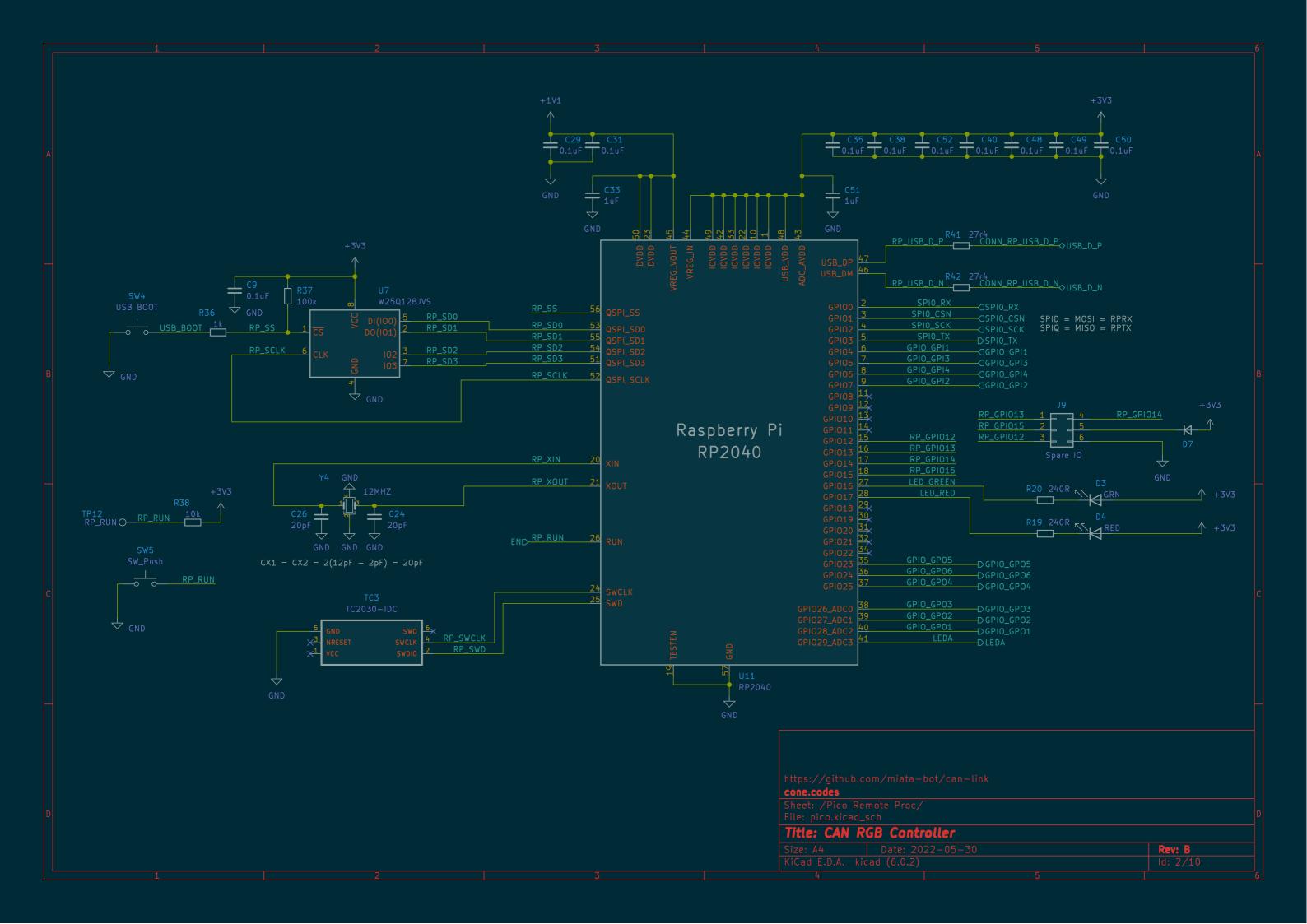
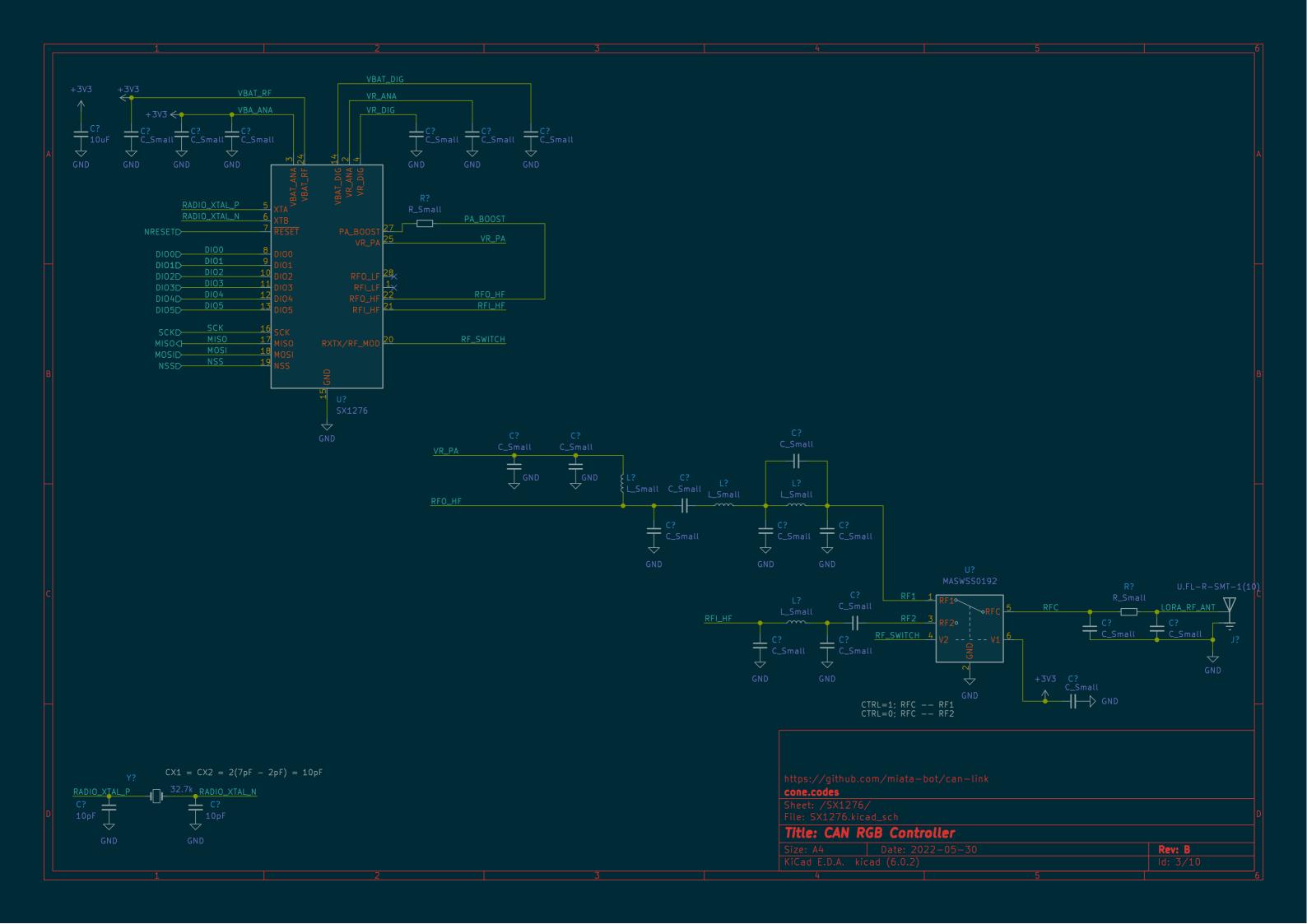
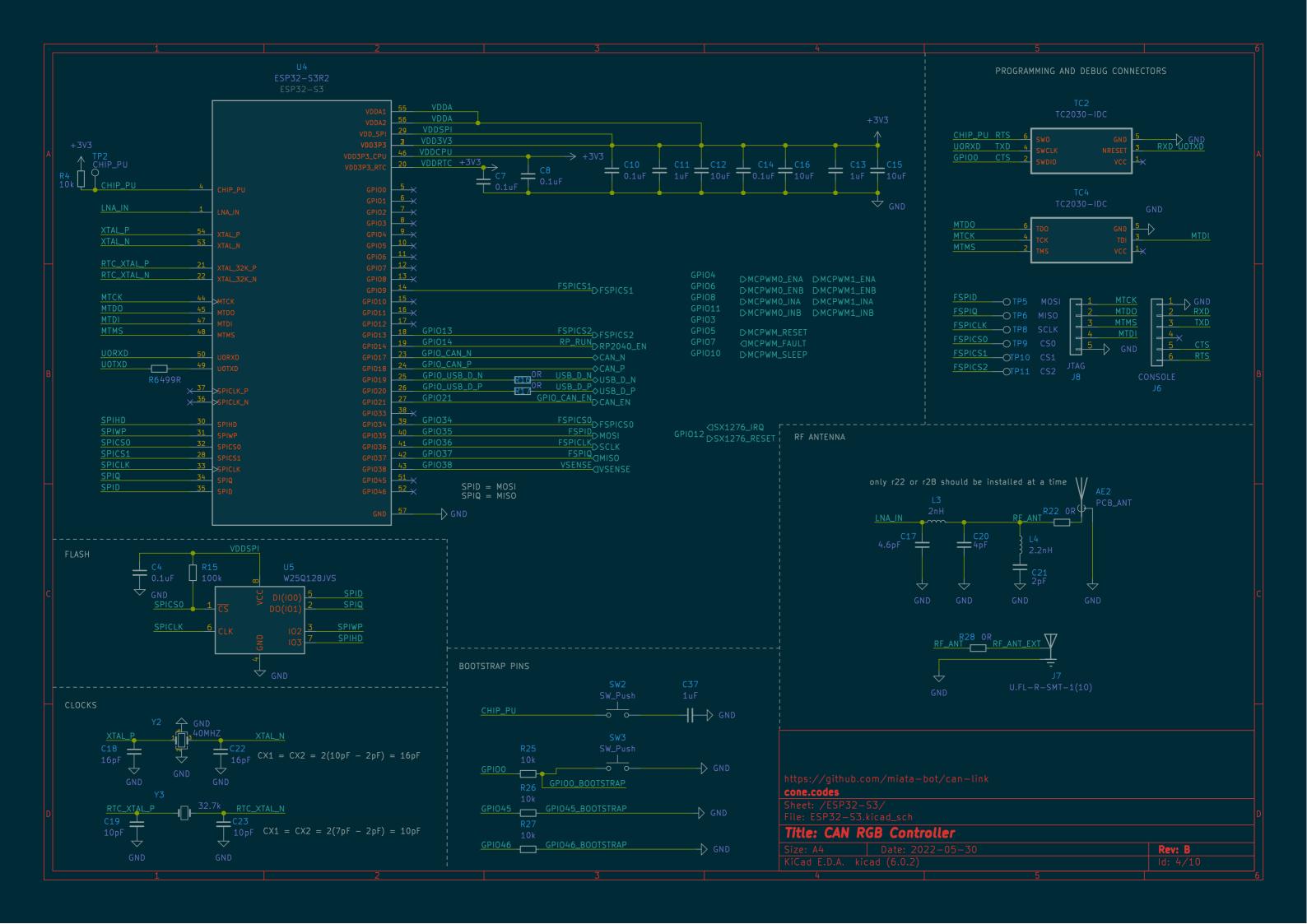
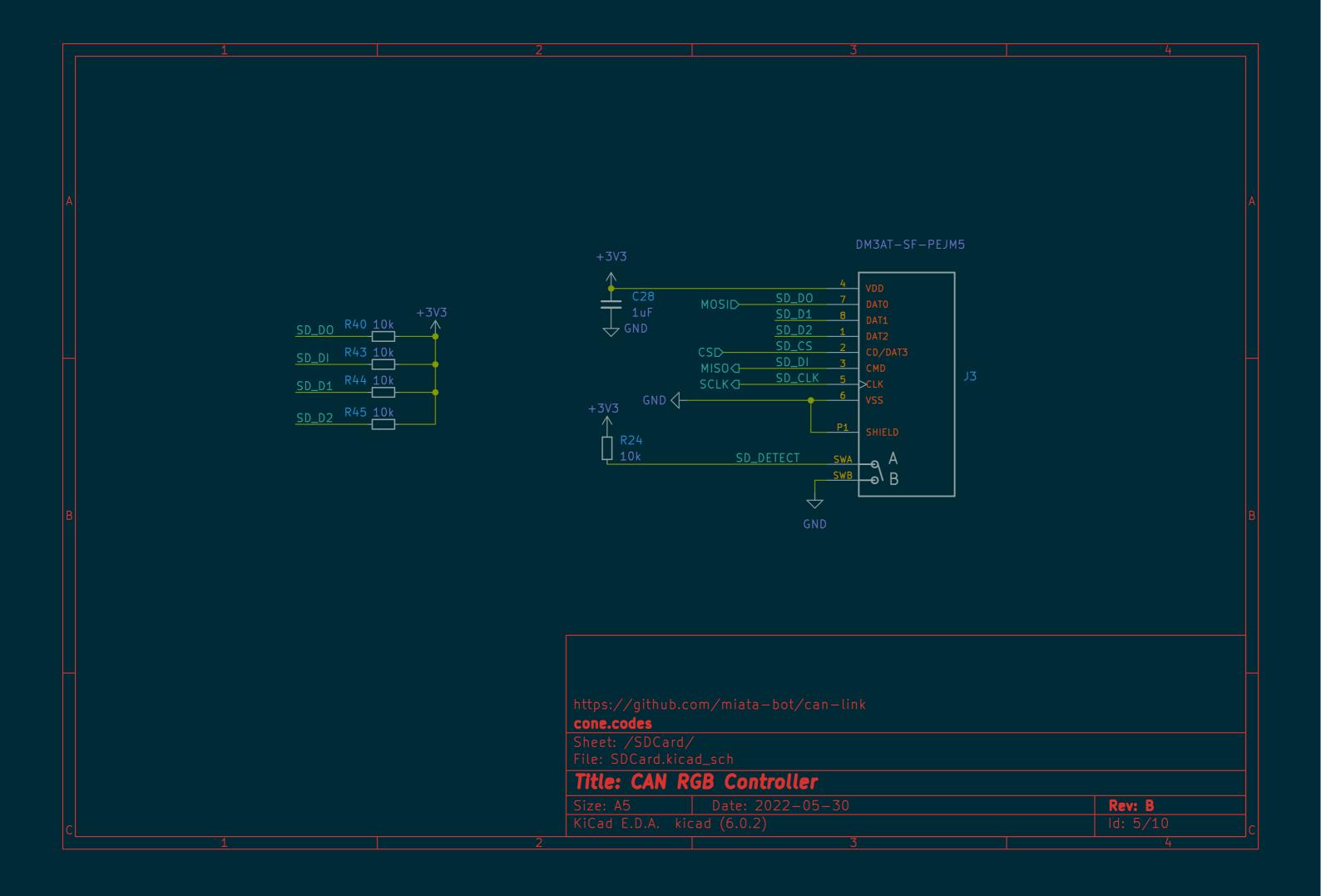


Title: CAN RGB Controller

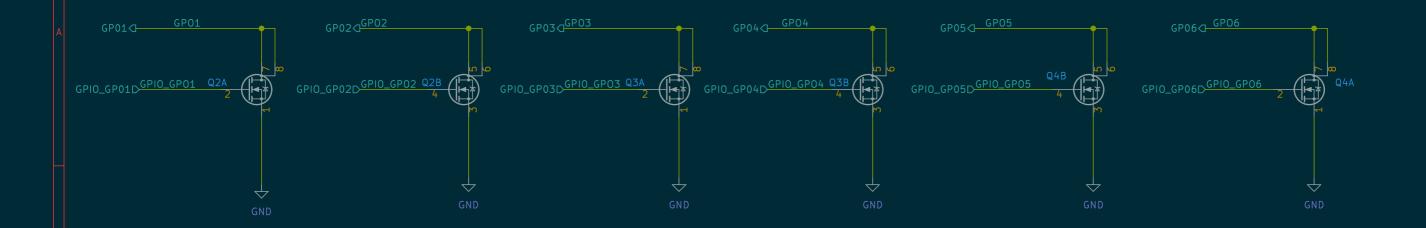




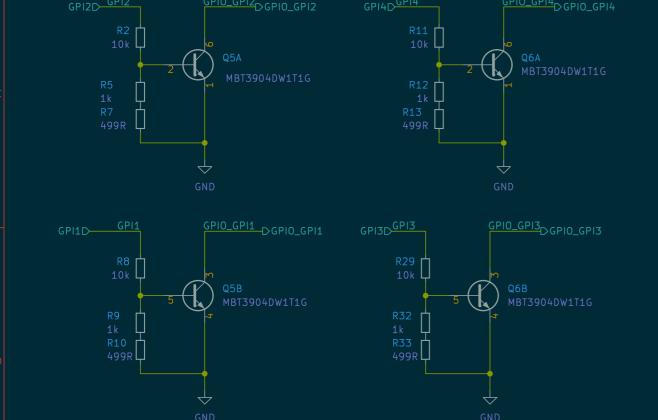




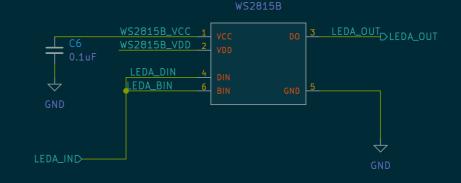
# RGB PWM LED CONTROL

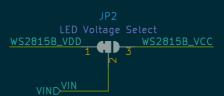


## DIGITAL INPUT



# INDIVIDUALLY ADDRESSABLE LED CONTROL





Unsure if supply voltage should go to VCC or VDD. Datasheet says VDD but that doesn't make a ton of sense to me. If this part doesn't work, bridge the other half

https://github.com/miata-bot/can-link
cone.codes
Sheet: /External-IO/

rile: External-IV.kicad\_sch

Size: A4	Date: 2022-05-30	Rev: B
	cad (6.0.2)	ld: 6/10

# MOTOR DRIVER CP1 C46 0.01uF R39 NRESET 10k C43 0.1uF C44 10uF C47 10uF EN1 MOTOR1\_OUT1 MOTOR1\_OUT2 MOTOR2\_OUT1 MOTOR2\_OUT1 MOTOR2\_OUT2 V3P3OUT EN3 EN4 C42 0.47uF

https://github.com/miata-bot/can-link

cone.codes

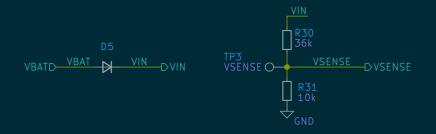
Sheet: /Motor-Control/
File: Motor-Control.kicad\_sch

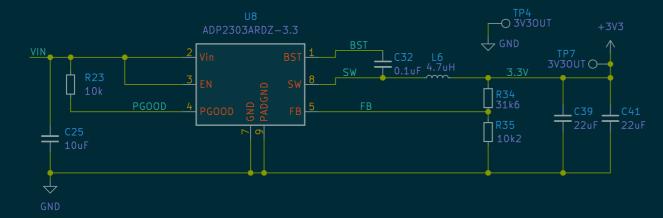
Title: CAN RGB Controller

Size: A4 Date: 2022-05-30 Rev: B

KiCad E.D.A. kicad (6.0.2) Id: 7/10

# BUCK CONVERTER



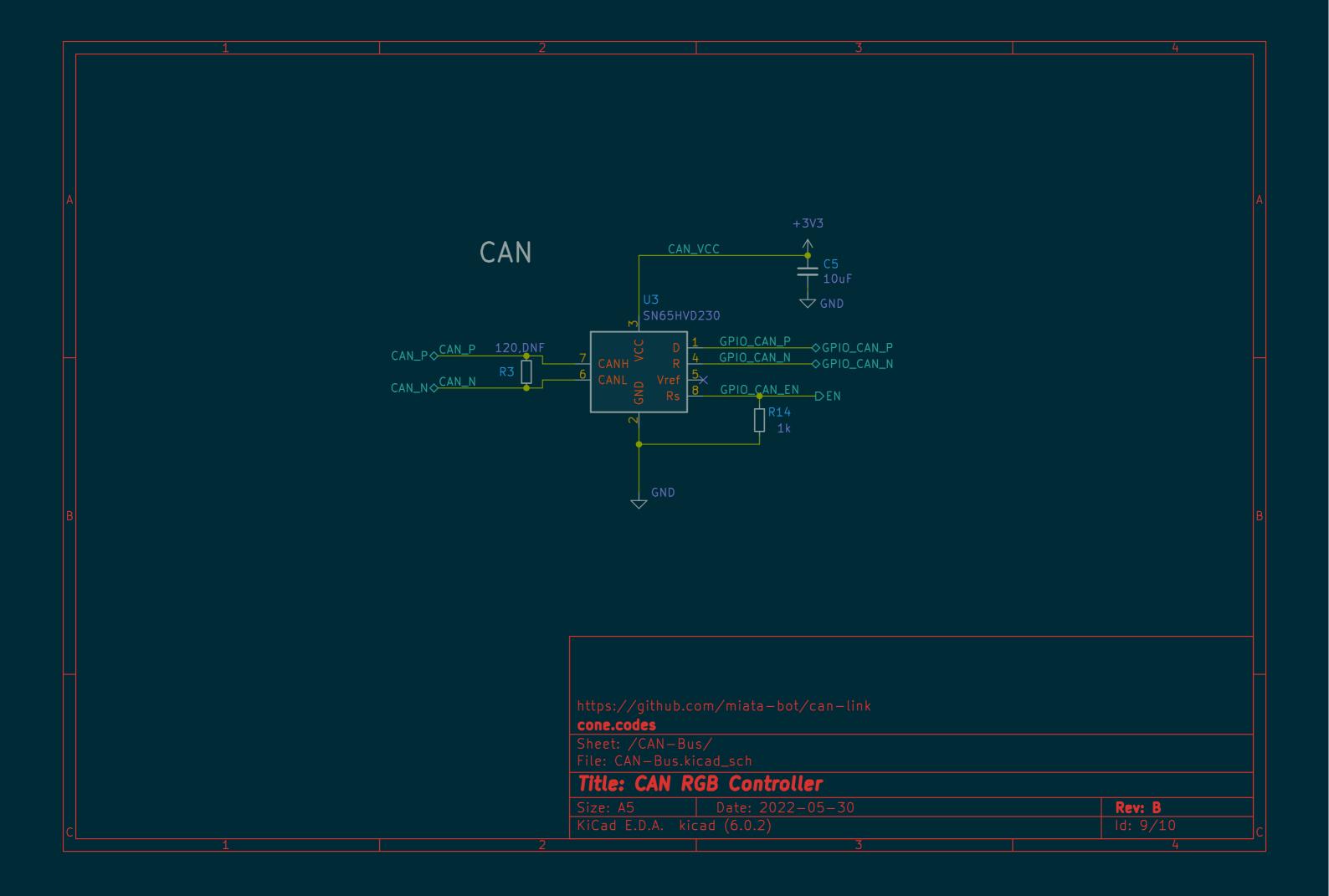




https://github.com/miata-bot/can-link cone.codes

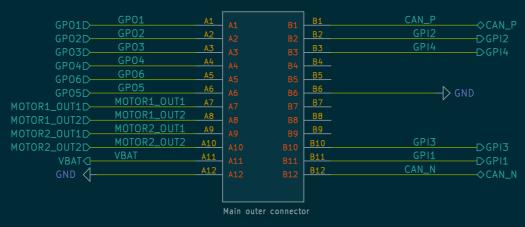
# Title: CAN RGB Controller

Size: A4	Date: 2022-05-30	Rev: B
	cad (6.0.2)	ld: 8/10





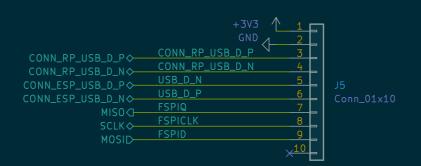
J4 DTM1312PA12PBR008 HDR, 24P, BLK, RA EEC, NI/CU, AE



CLEDA\_OUT

H1 MountingHole\_Pad





https://github.com/miata-bot/can-link

### cone.codes

Sheet: /Connectors/

# Title: CAN RGB Controller

Size: A4	Date: 2022-05-30	Rev: B
	cad (6.0.2)	ld: 10/1