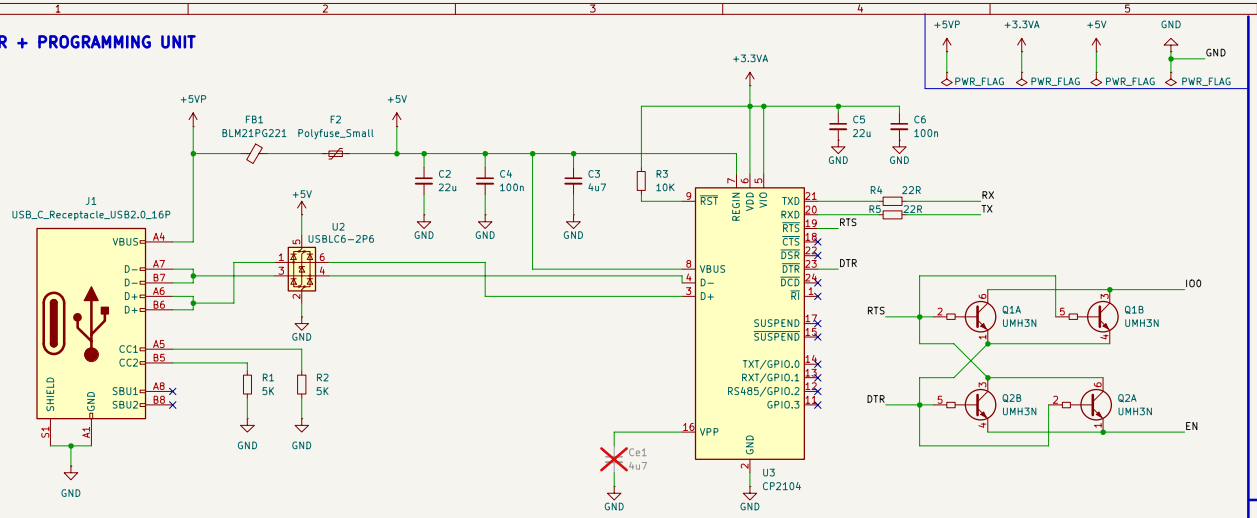
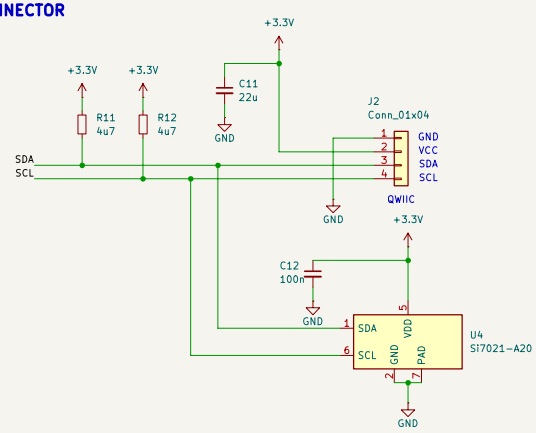
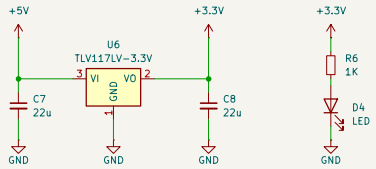
POWER + PROGRAMMING UNIT



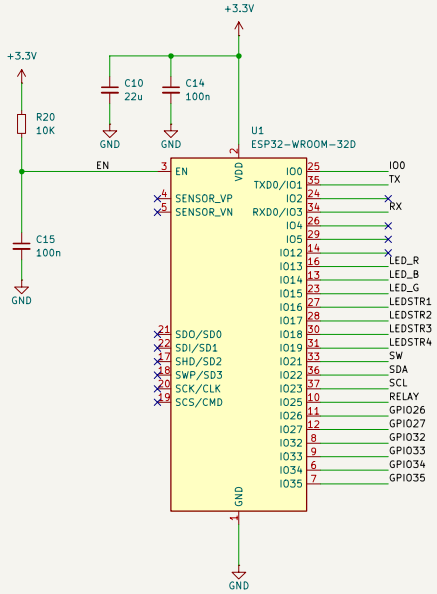
I2C – QWIIC CONNECTOR



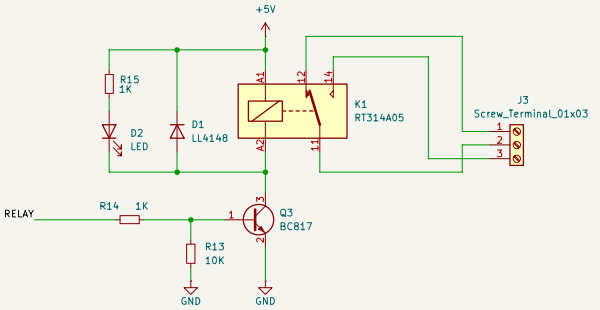
LDO 5V TO 3.3V



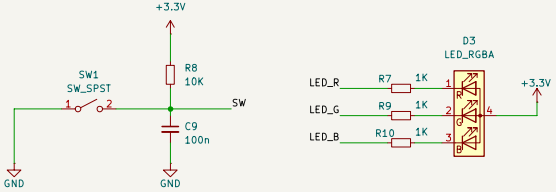
MCU



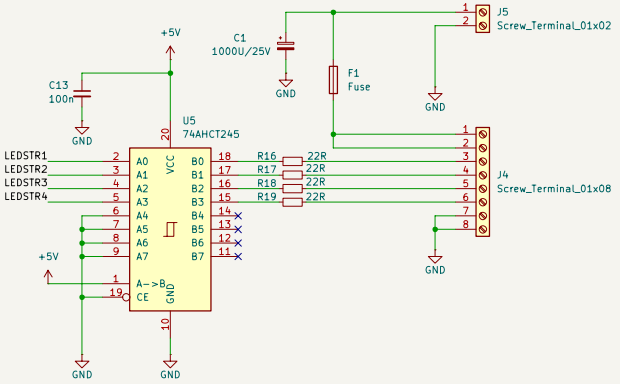
RELAY



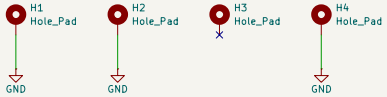
USER I/O

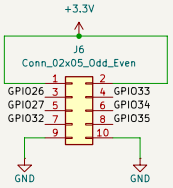


LED DRIVER



MOUNTING





Use boot control pins with caution: 0,2,5,12,15
IO0: Avoid device connections
IO2: Avoid external pull-ups – will cause bootloader fail
IO5: Has builtin pull-up at POR
IO12: Avoid external pull-ups – will cause bootloader fail
IO15: Has builtin pull-up at POR
ADC2 is not available when using WIFI

DGNE
Sheet: /
File: IOT_thing.kicad_sch
Title: IOT –THING
Size: A3 | Date: 2025-07-09 | **Rev: 1.0**
KiCad E.D.A. 9.0.4 | Id: 1/1