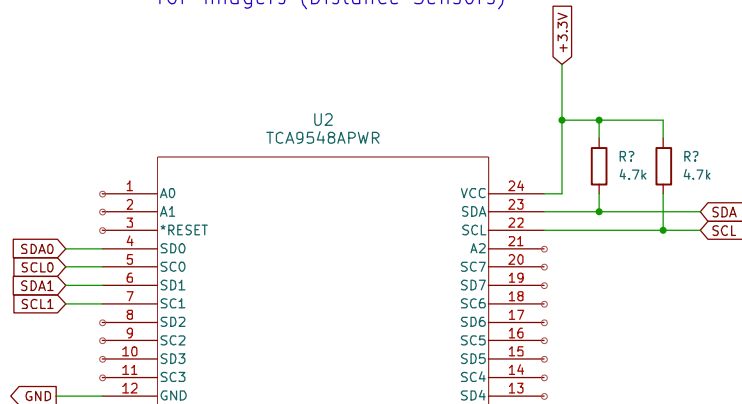
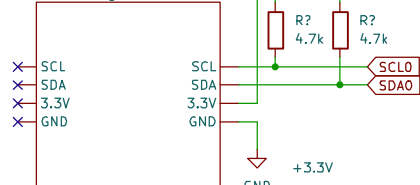


ToF Imagers (Distance Sensors)



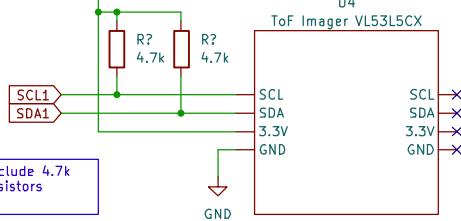
U3 ToF Imager VL53L5CX



Using the Qwiic connectors and common 3.3V and GND.

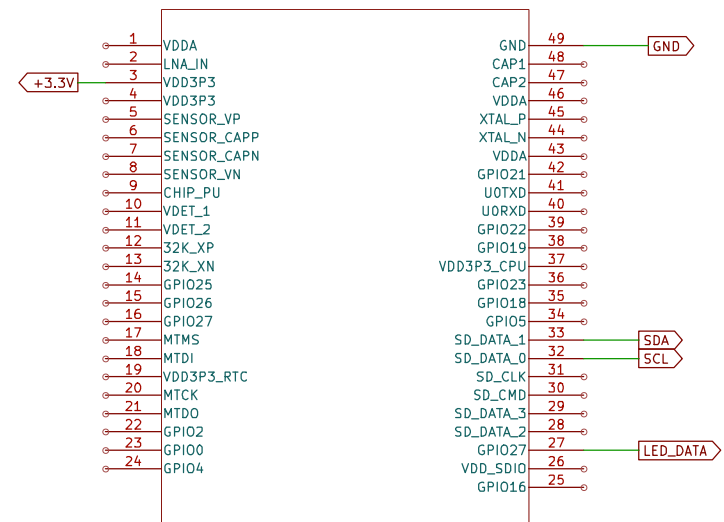
UPDATE: Include 4.7k pull-up resistors

U4 ToF Imager VL53L5CX

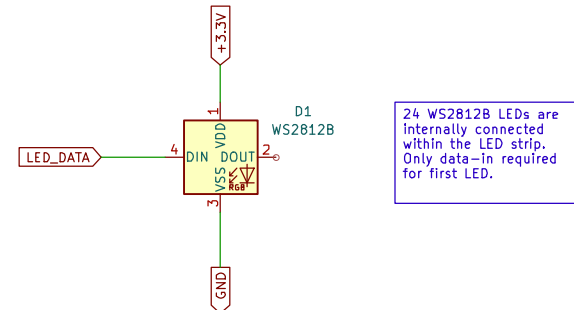


ESP32 Microcontroller

U1 ESP32-D0WDQ6-V3



ToF Imagers (Distance Sensors)



NRM_Navigation BIOE6901

Sheet: /

File: nrm_schematic.kicad_sch

Title: NRM_Navigation Hardware Schematic

Size: A4 Date: 12/5/2024

KiCad E.D.A. 8.0.2-1

Rev: C

Id: 1/1