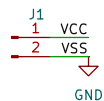
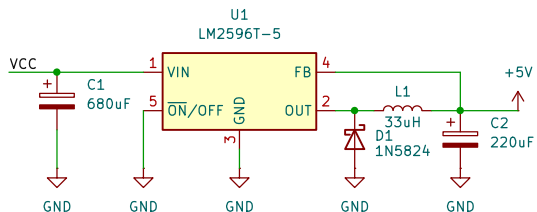


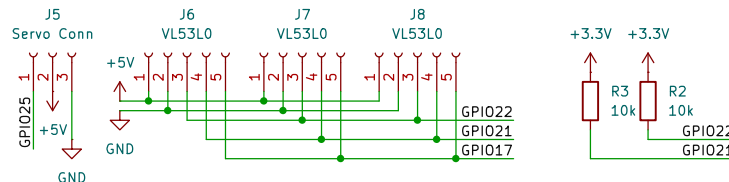
Power Supply by Li-Ion 7.4V



Power Regulation 7.4V --> 5V



Other Connectors



Extra Information

VCC = 7.4V
VSS = GND

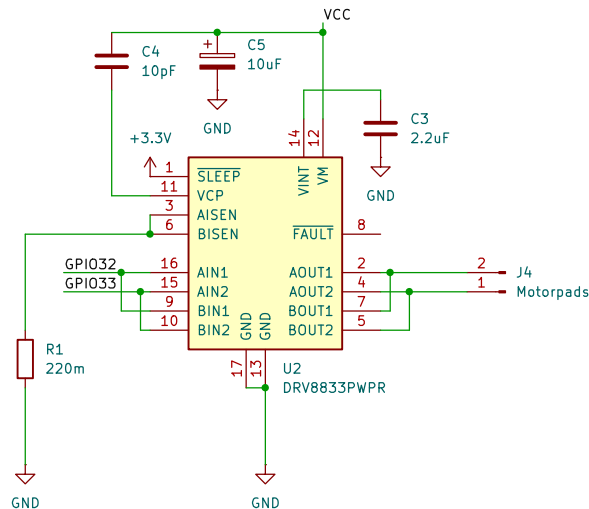
GPIO32 = PWM Singal for Motor
GPIO33 = Direction of Motor

GPIO25 = PWM Singal for Servo

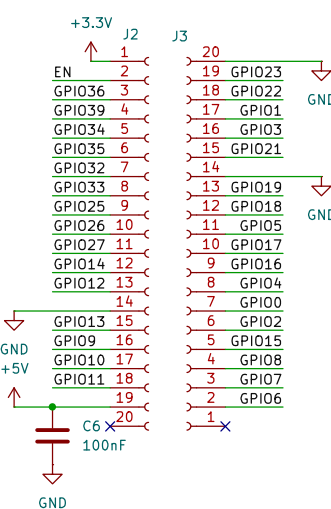
GPIO22 = SCL Communication for TOF
GPIO21 = SDA Communication for TOF
GPIO17 = Enable/Disable TOF

I2C must be pulled to HIGH (3V3)

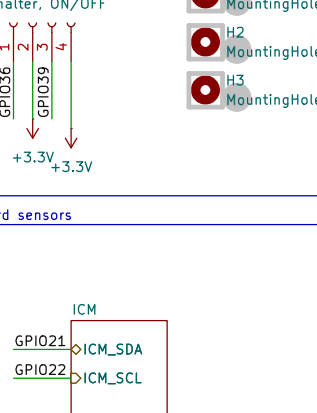
Motorcontroller



External MCU over pressfit



On board sensors



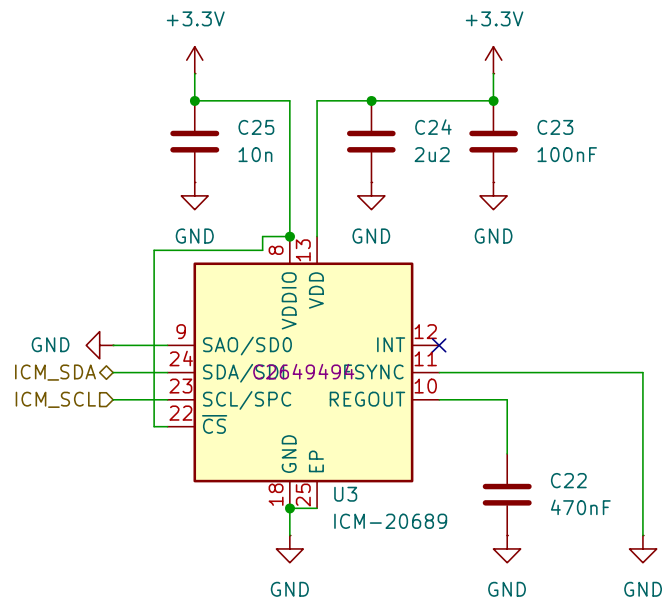
HTBLuVA Salzburg

Sheet: /
File: Lambo_RC_Car_PCB.kicad_sch

Title: **Lamborghini Crazy Car Rework PCB**

Size: A4 Date: 2025-11-22
KiCad E.D.A. 10.0.5

Rev:
Id: 1/2



Sheet: /ICM/
File: IMC.kicad_sch

Title: Lamborghinni Crazy Car Rework PCB

Size: A5 Date: 2025-11-22

KiCad E.D.A. 10.0.5

Rev:

Id: 2/2