

STM32F405RG

AS5600_Magnetic_Encoders

AS5048_Left

File: AS5048_left.kicad_sch

AS5048_Right

File: AS5048_right.kicad_sch

DRV8833_Motor_Driver

File: DRV8833.kicad_sch

IR_sensor

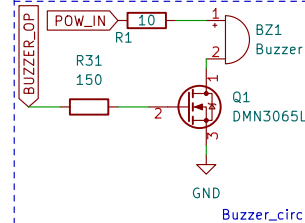
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MPU6500

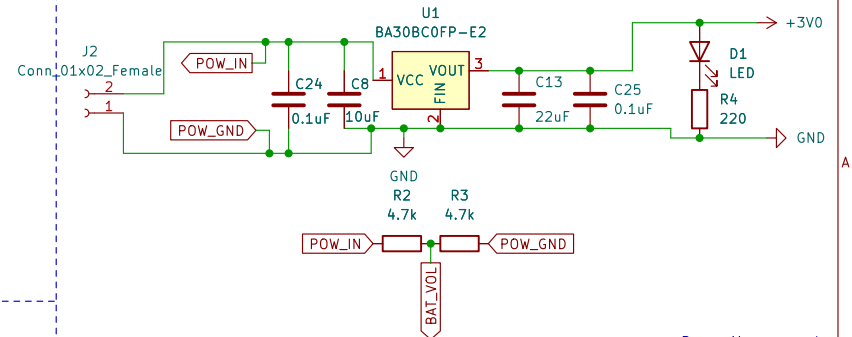
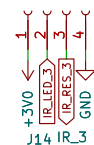
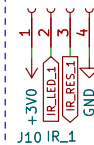
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VL6180x

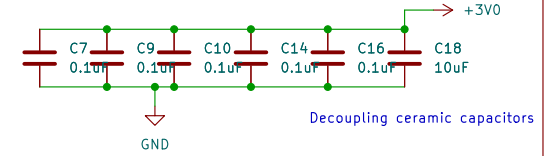
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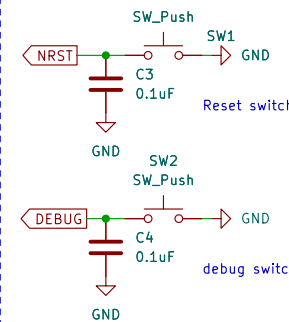
Buzzer_circuit



Power Management

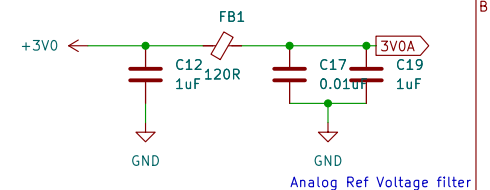


Decoupling ceramic capacitors

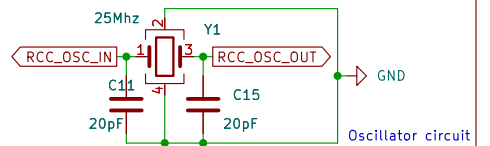


Reset switch

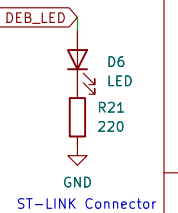
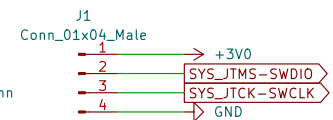
debug switch



Analog Ref Voltage filter



Oscillator circuit



ST-LINK Connector

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SRA-VJTI

Sheet: /

File: mushak_pcb.kicad_sch

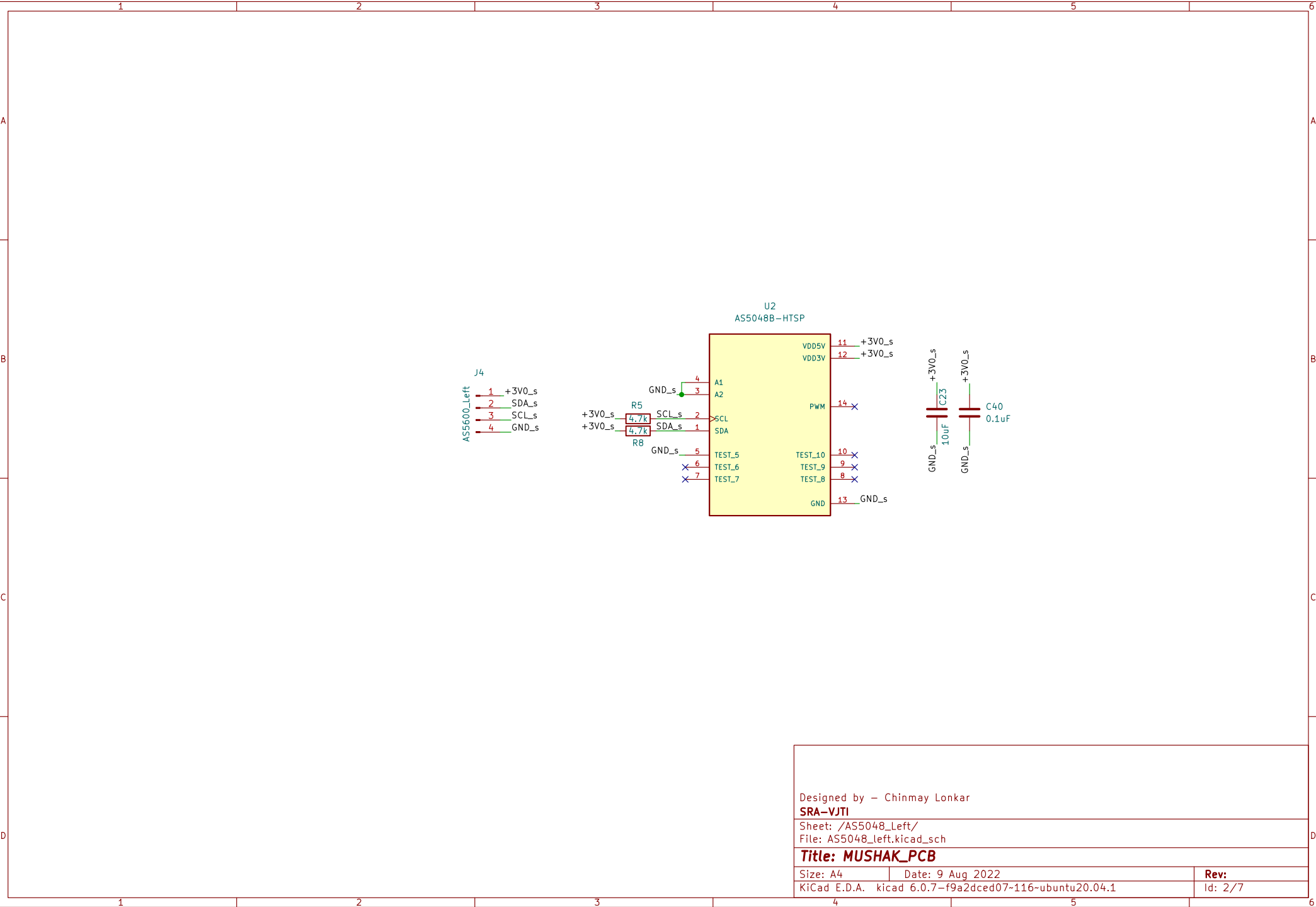
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Size: A4 Date: 9 Aug 2022

KiCad E.D.A. kicad 6.0.7-f9a2dced07-116-ubuntu20.04.1

Rev:

Id: 1/7



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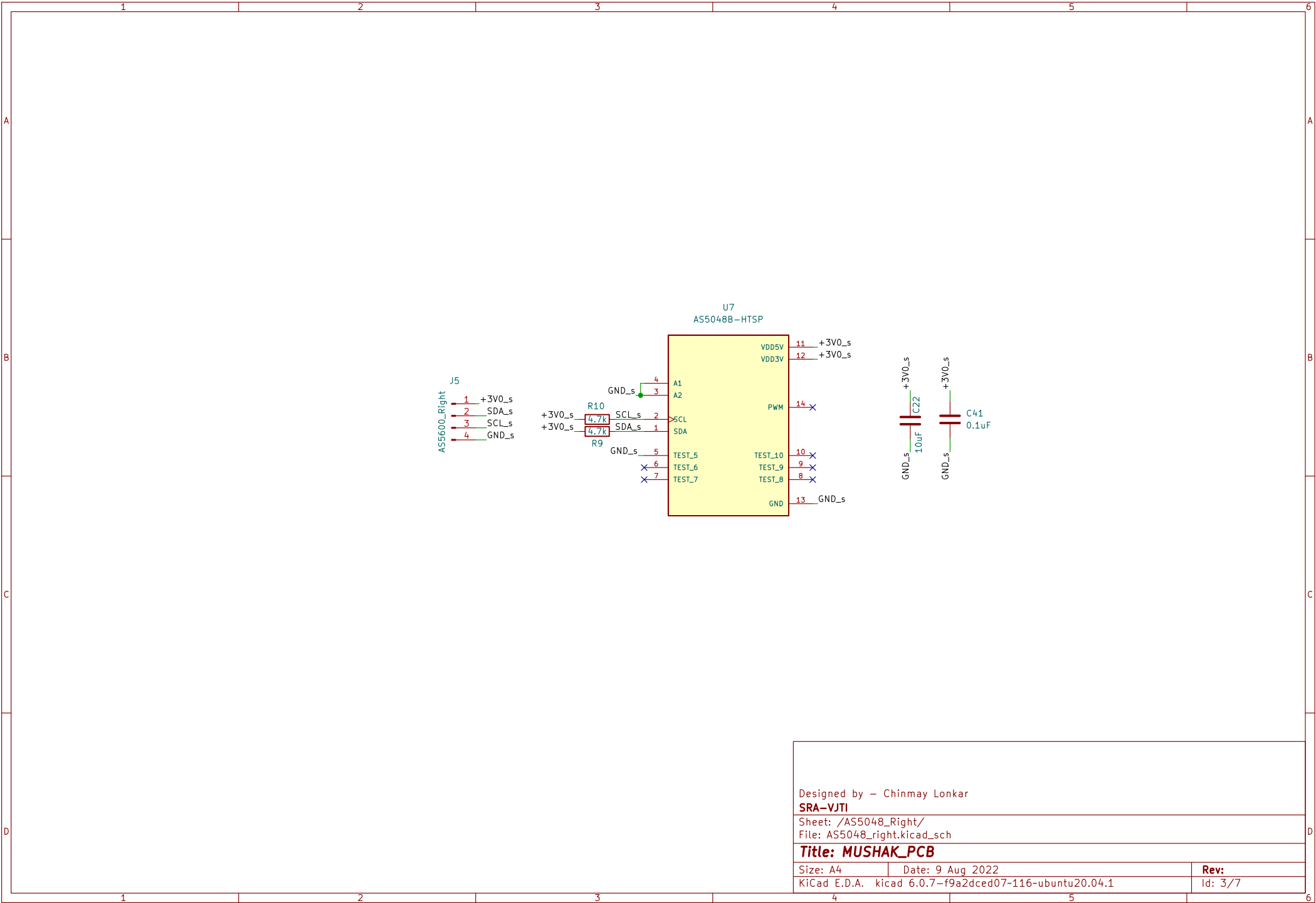
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Id: 2/7



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Sheet: /AS5048_Right/

File: AS5048_right.kicad_sch

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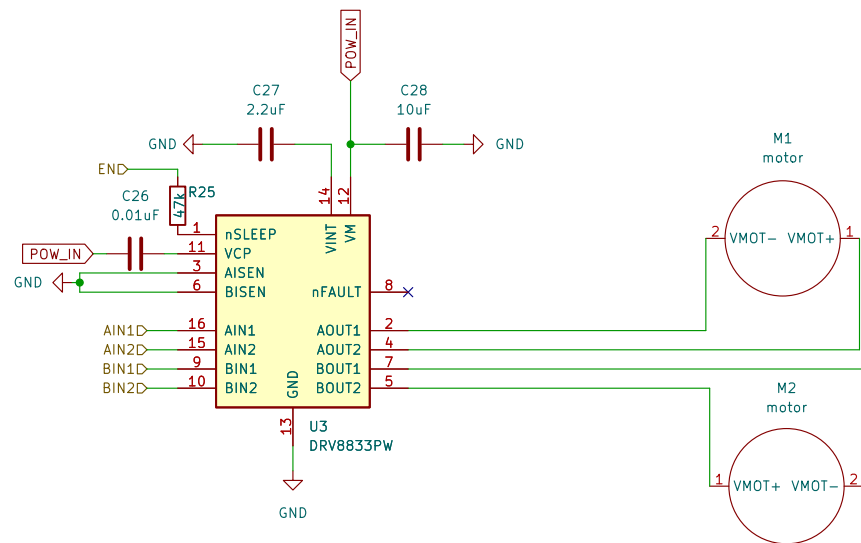
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Date: 9 Aug 2022

Rev:

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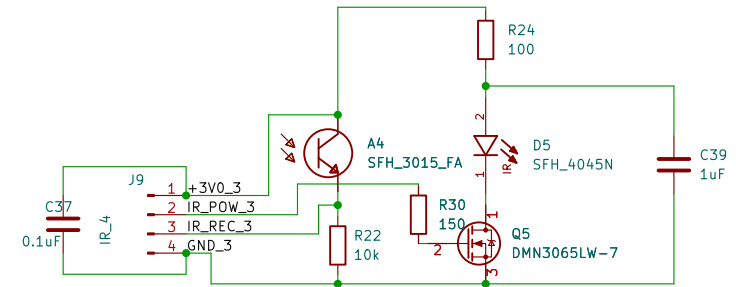
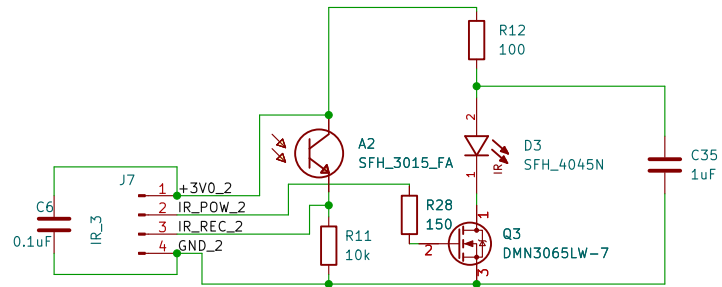
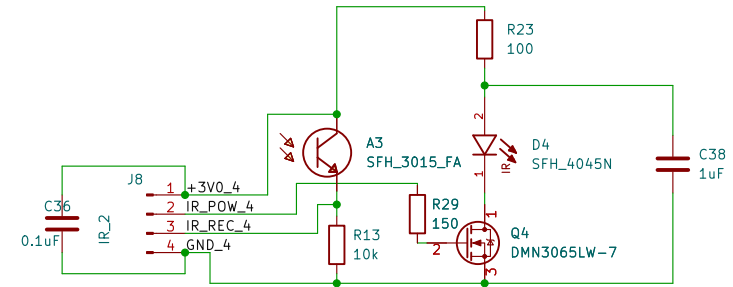
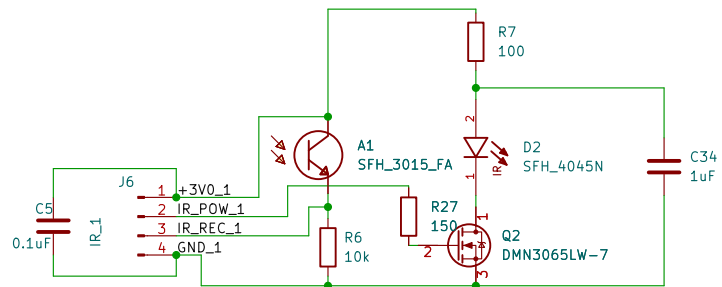
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File: IR_sensor.kicad_sch

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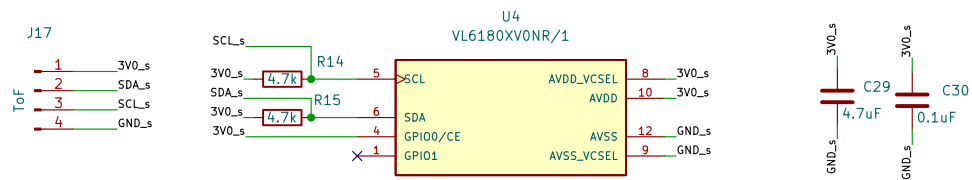
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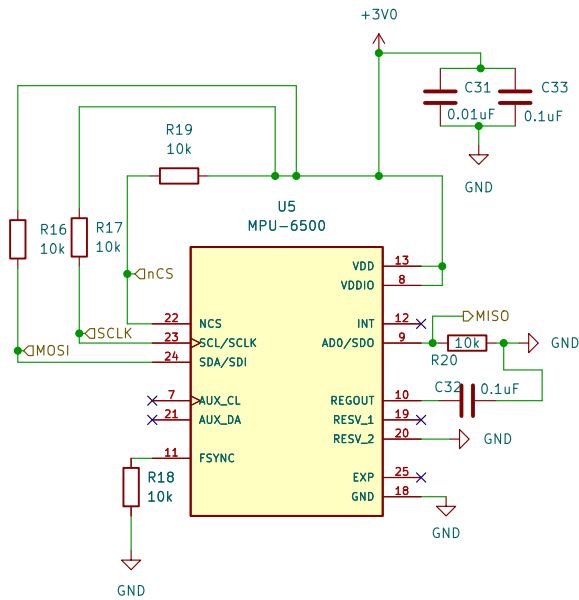
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Date: 9 Aug 2022

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