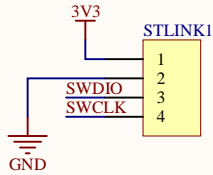


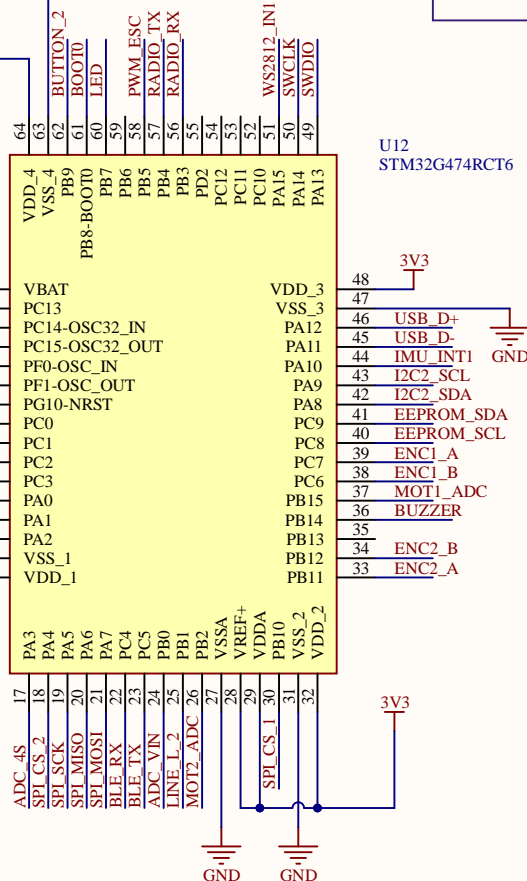
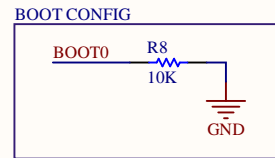
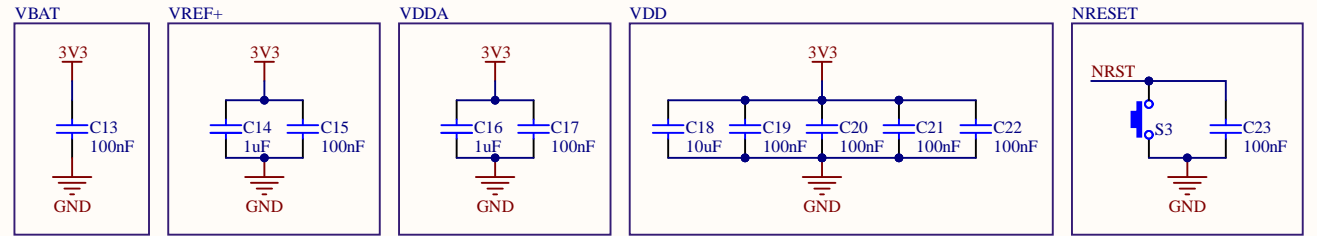
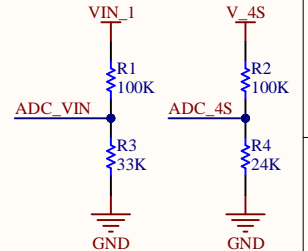
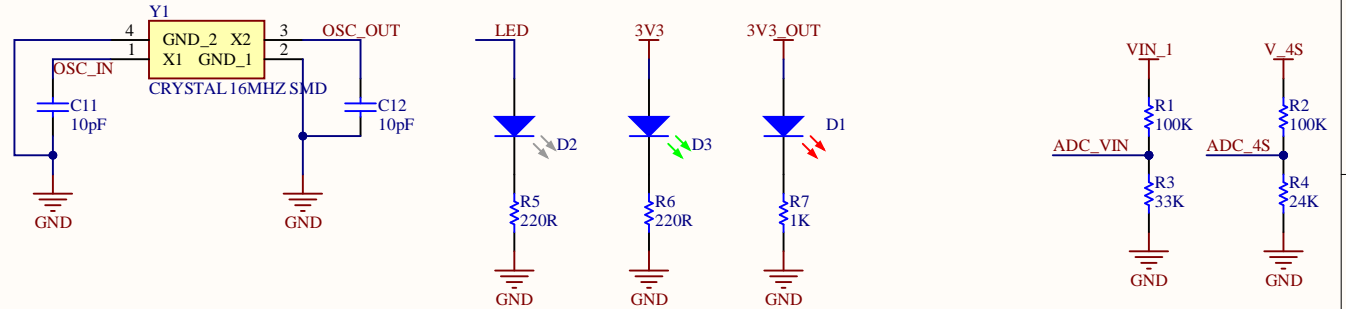
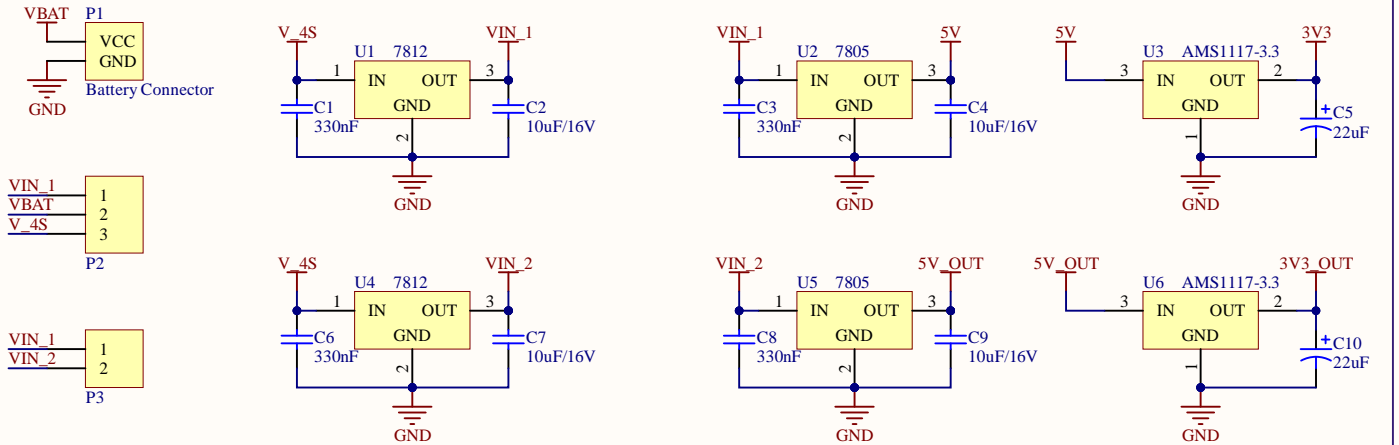
Input voltage selection:

3S:
- Connect VBAT to VIN_1
- Connect VIN_1 to VIN_2

4S:
- Connect VBAT to V_4S
- Disconnect VIN_1 and VIN_2



SOURCE



Title

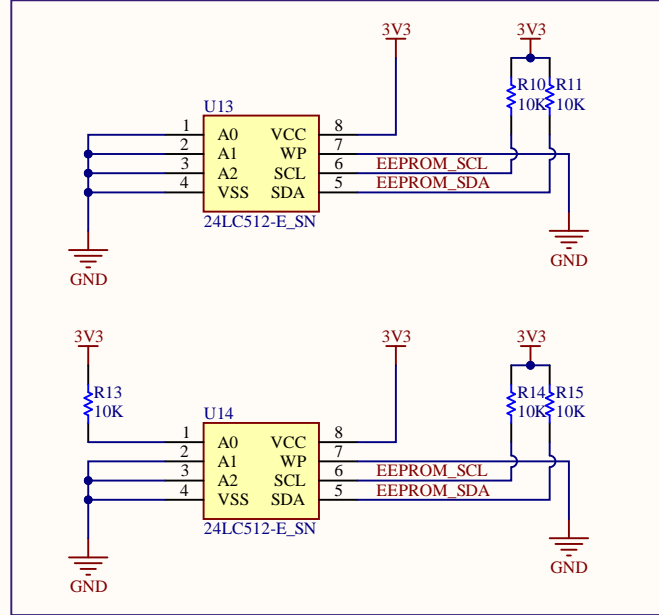
Raijin

Raiju Team

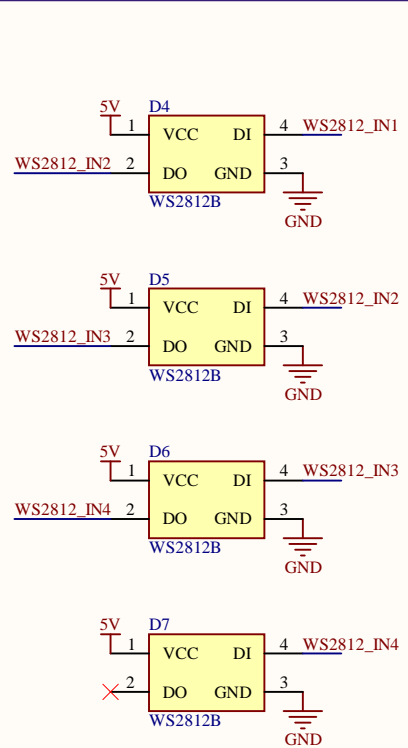
Date: 2023-07-17
Drawn By: Marco Abensur

raiju.team

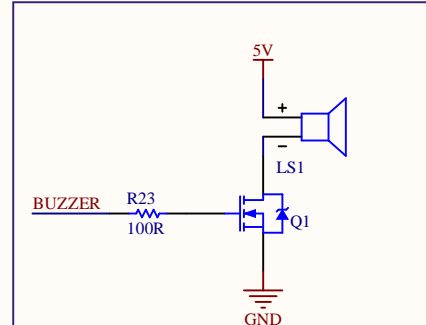
EEPROM



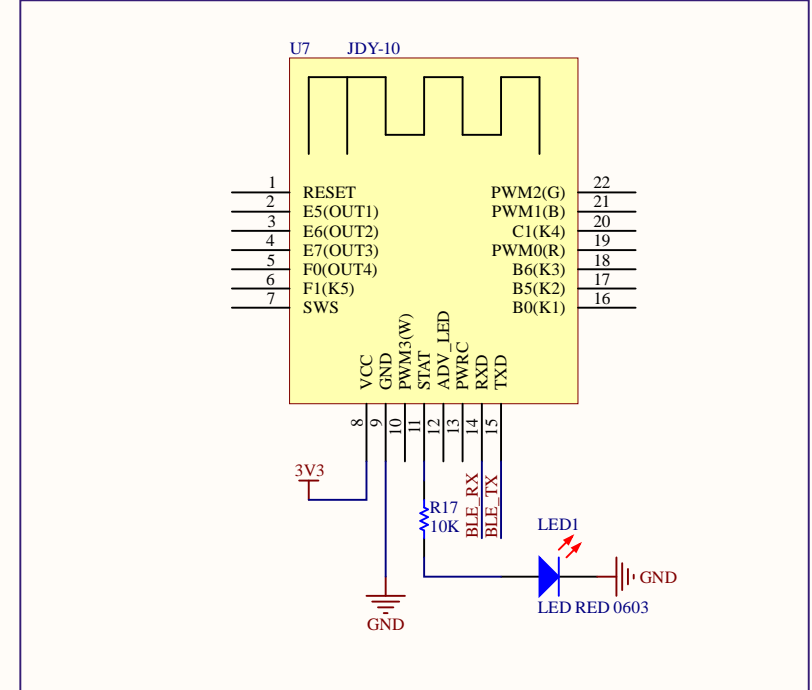
RGB



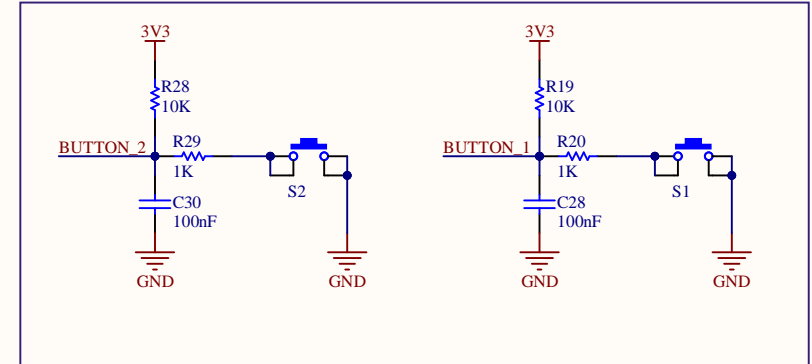
BUZZER



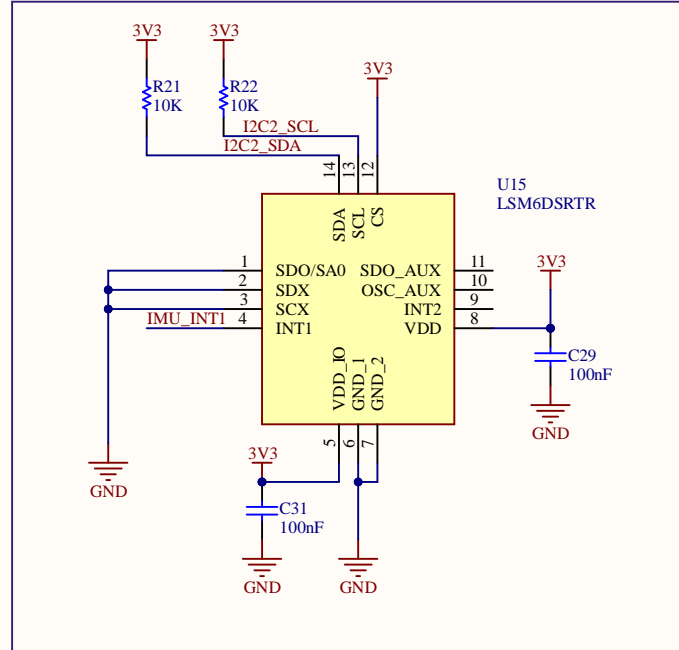
BLE



BUTTONS



IMU



Raiju Team

Title

Raiju Peripherals

Date 2023-07-17

Drawn By Marco Abensur

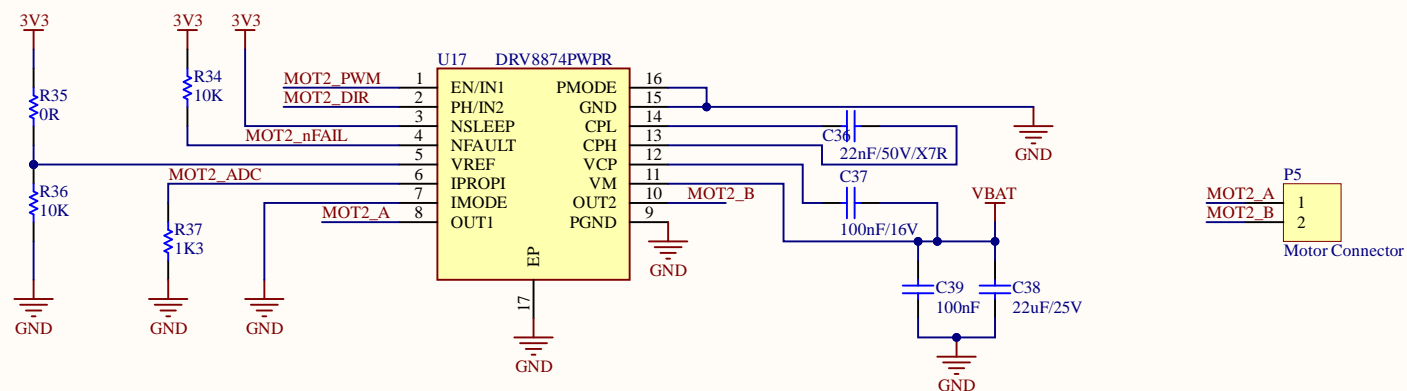
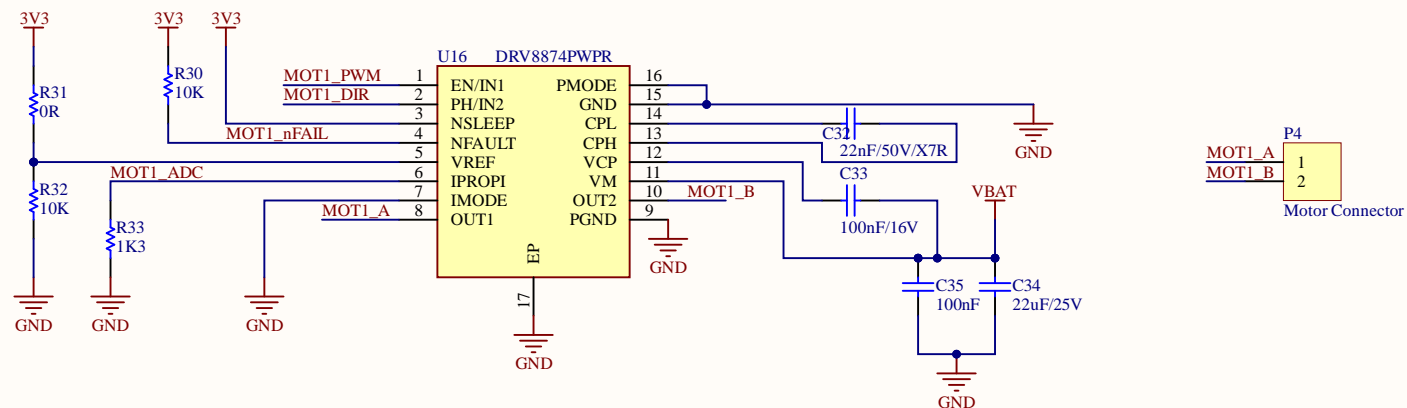
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△ MOT1_ADC cannot be larger than adc max value.

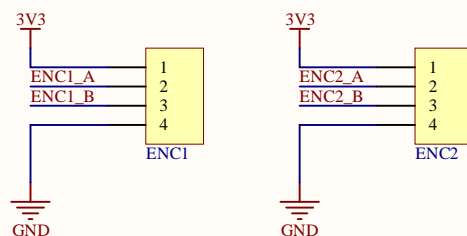
So:

$$R \leq V_{ADC} / (0.000455 * \text{Max current})$$
$$R \leq 3.3 / (0.000455 * 5.57) = 1302$$

△ R = 10K on VREF is not mounted



ENCODERS



Raijū Team

	Title
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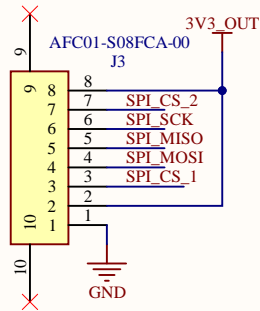
Raijin Motors

Date	2023-07-17
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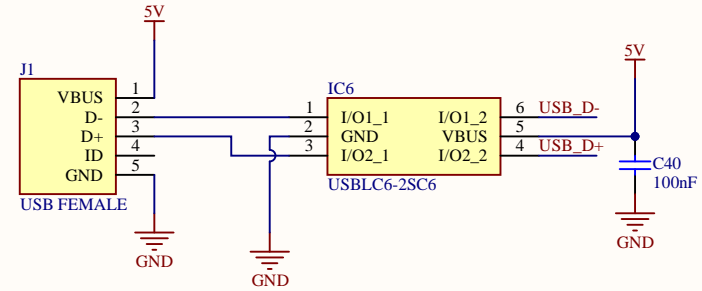
Date	2023-07-17
Drawn By	Marco Abensur

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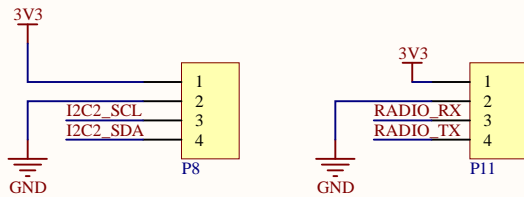
EXTERNAL LINE SENSORS



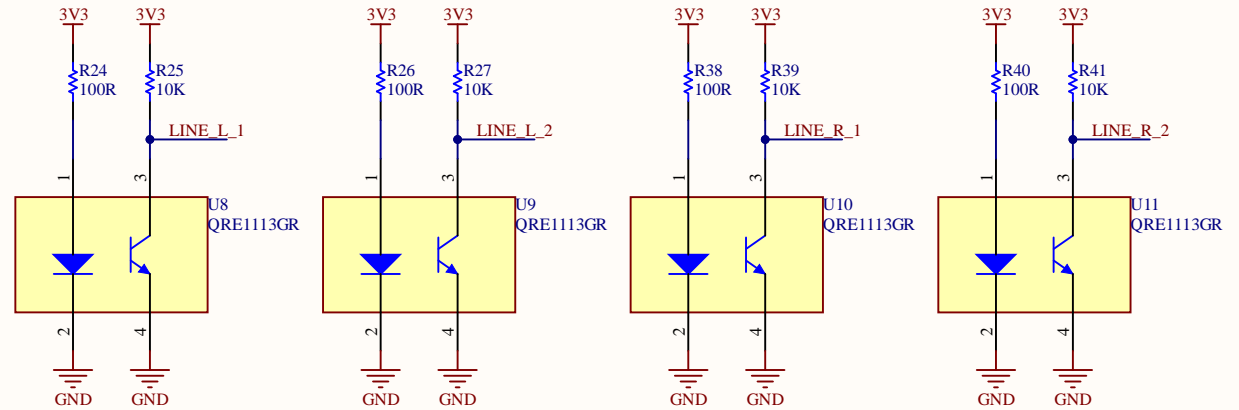
USB



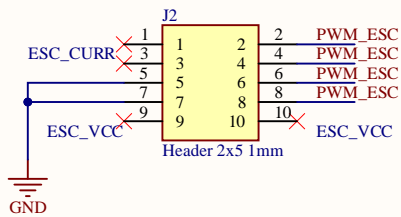
EXTRAS

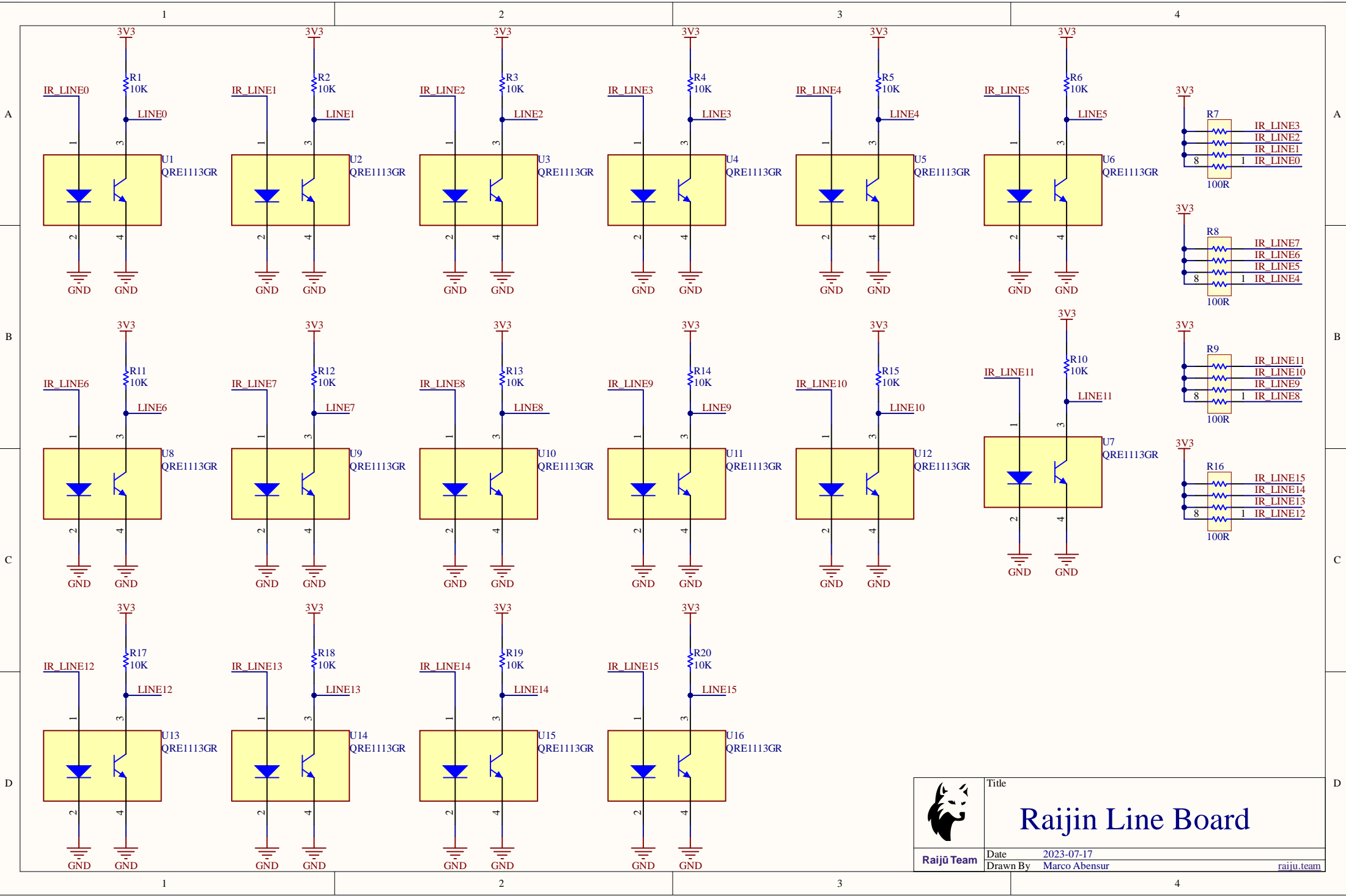


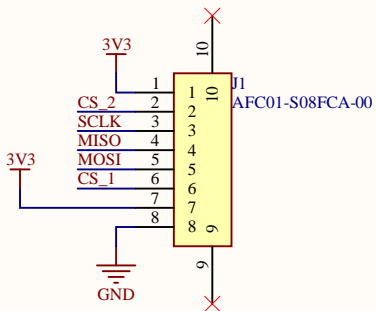
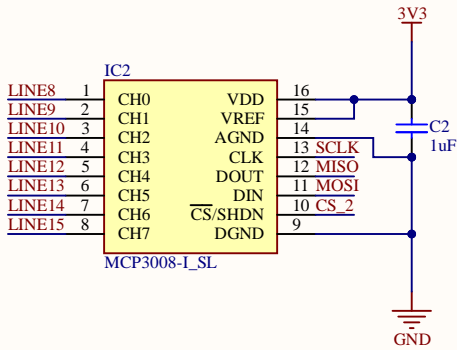
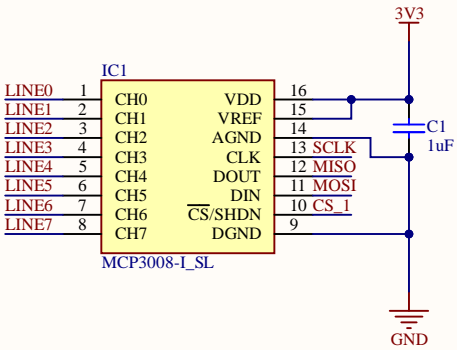
LINE SENSORS



Brushless ESC







Title	
Raijin MCP	
Date	2023-07-17
Drawn By	Marco Abensur
raiju.team	