

DEMON BOARD

A

A

B

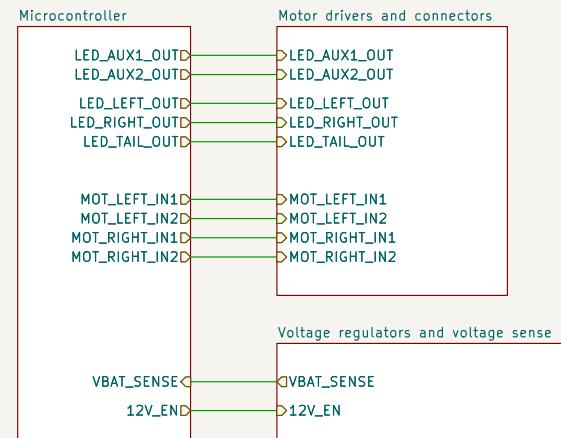
B

C

C

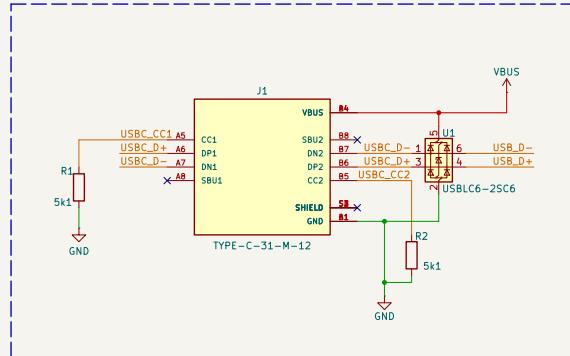
D

D

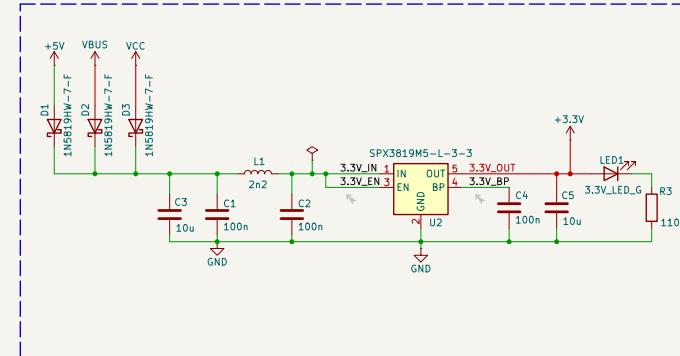
**Vagarth Gaurav**Sheet: /
File: demonBoard.kicad_sch**Title: Demon board**Size: A4 | Date: 2026-01-05
KiCad E.D.A. 9.0.6Rev:
Id: 1/4

MICROCONTROLLER

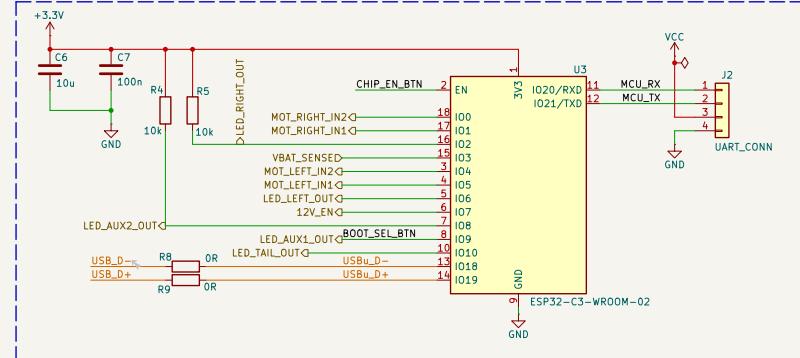
USB C



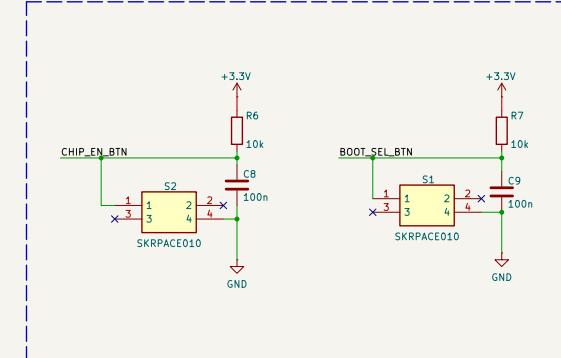
3.3V LDO



Microcontroller



Buttons



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Sheet: /Microcontroller/

File: Microcontroller.kicad_sch

Title: Demon board

Size: A3 Date:

KiCad E.D.A. 9.0.6

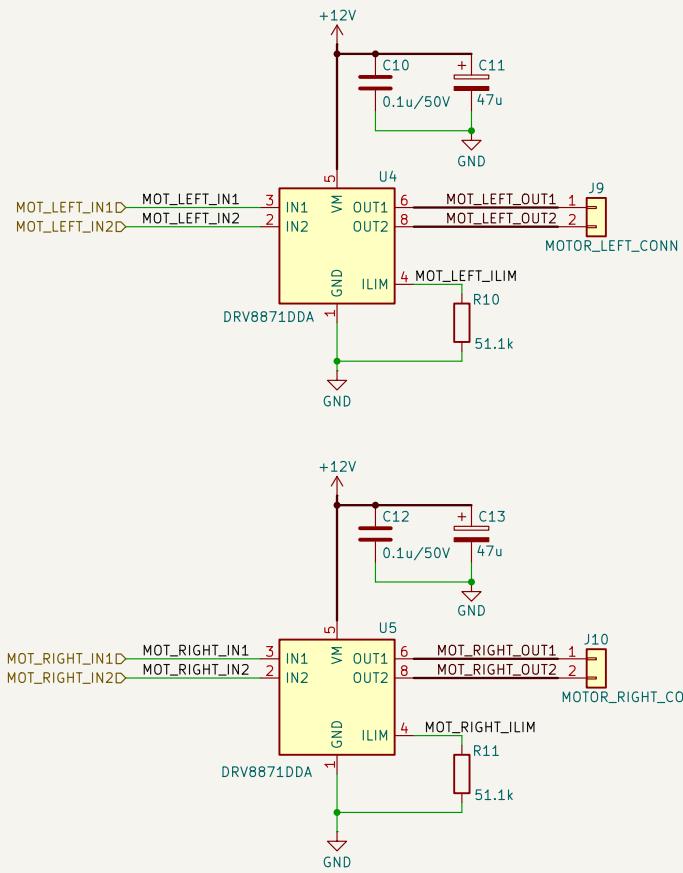
Rev:

8/2/4

Motor drivers and connectors

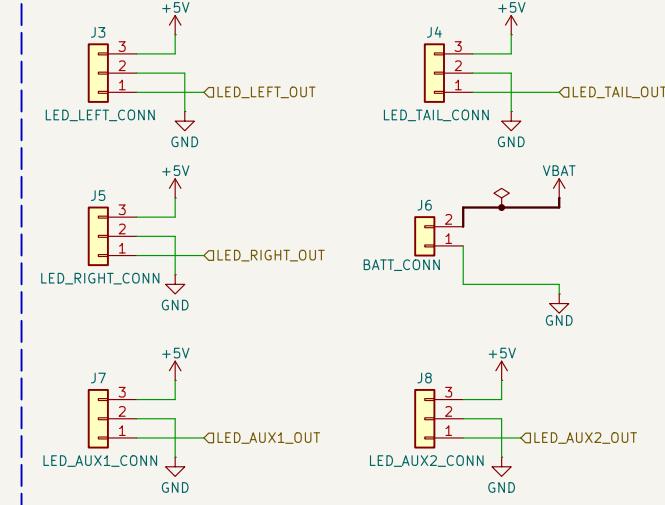
A

Motor outputs



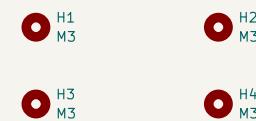
B

Connectors



C

Mounting holes



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Sheet: /Motor drivers and connectors/
File: Motor_drivers.kicad_sch

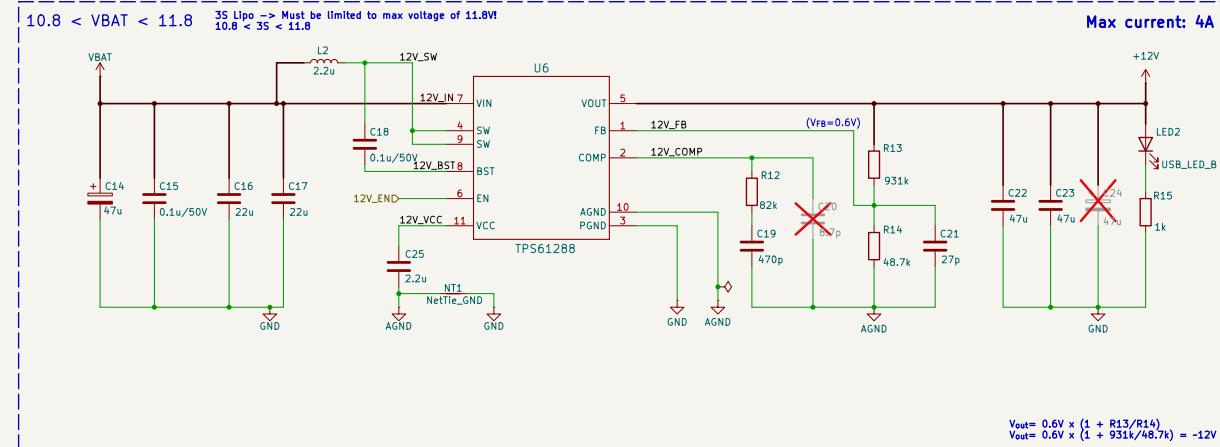
Title: Demon board

Size: A4 | Date:
KiCad E.D.A. 9.0.6

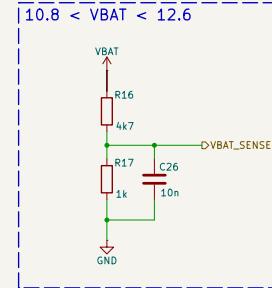
Rev:
Id: 3/4

Voltage regulator and Voltage sense

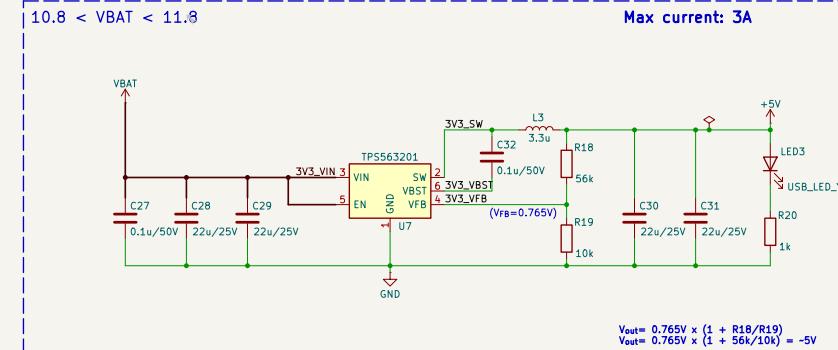
12V boost converter



Battery Voltage sense



5V buck converter



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Sheet: /Voltage regulators and voltage sense/

File: voltage_regulators_and_voltage_sense.kicad_sch

Title: Demon board

Size: A3 Date:

KiCad E.D.A. 9.0.6

Rev:
Id: 4/4