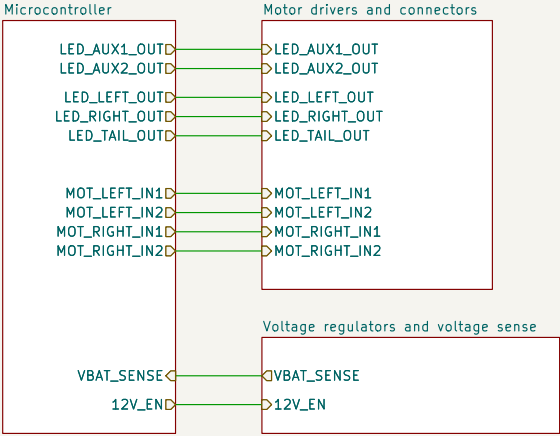


# DEMON BOARD



Vagarth Gaurav

Sheet: /  
File: demonBoard.kicad\_sch

**Title: Demon board**

Size: A4 Date: 2026-01-05

KiCad E.D.A. 9.0.6

Rev:  
Id: 1/4

[illegible][illegible][illegible]

The left diagram shows the connection for the **CHIP\_EN\_BTN**. A green wire connects the button to pin 1 of the SKRSPACE010 module. Pin 2 is connected to a 10k resistor (R6) leading to +3.3V. Pin 3 is connected to a 100nF capacitor (C8) leading to GND. Pin 4 is connected to GND.

The right diagram shows the connection for the **BOOT\_SEL\_BTN**. A green wire connects the button to pin 1 of the SKRSPACE010 module. Pin 2 is connected to a 10k resistor (R7) leading to +3.3V. Pin 3 is connected to a 100nF capacitor (C9) leading to GND. Pin 4 is connected to GND.

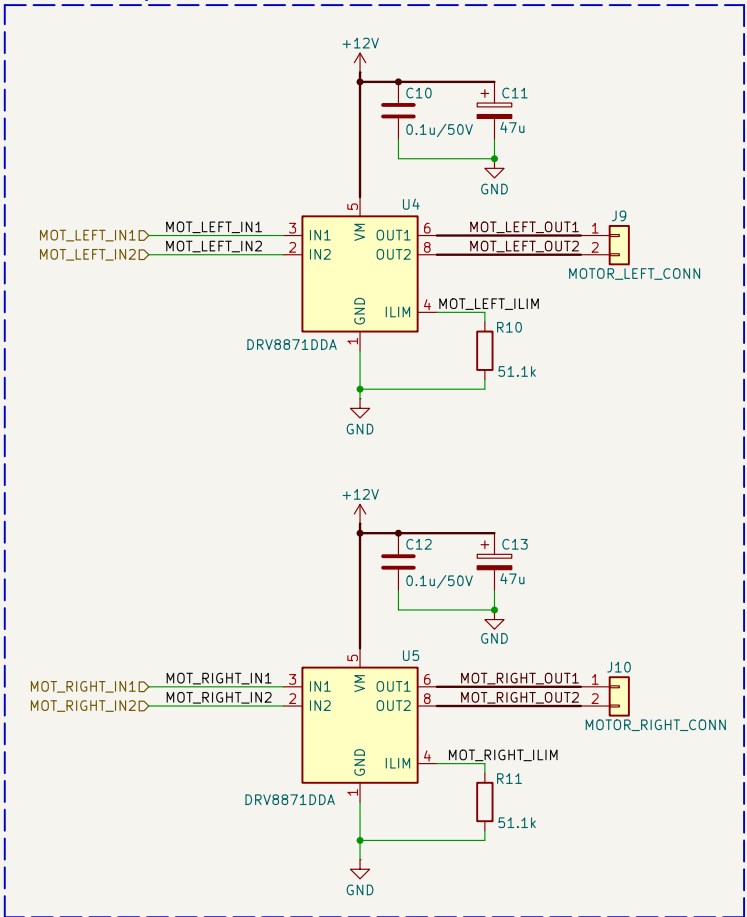
Rev:

6

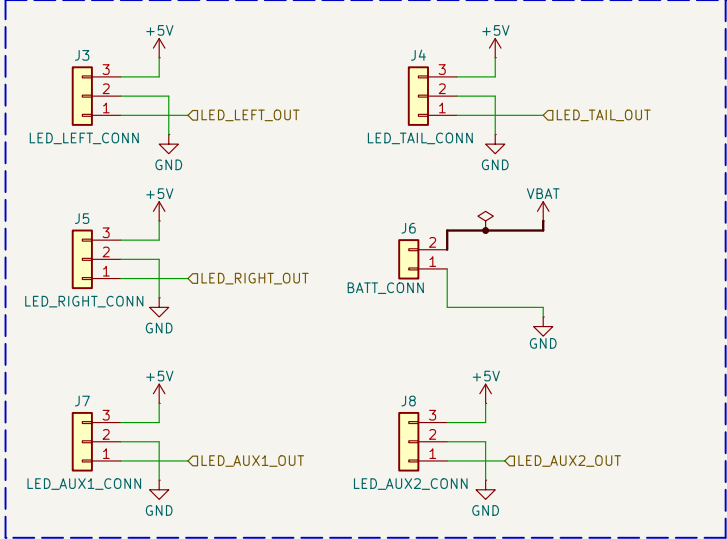
RIC80 E.D.A. 9.0.0	

# Motor drivers and connectors

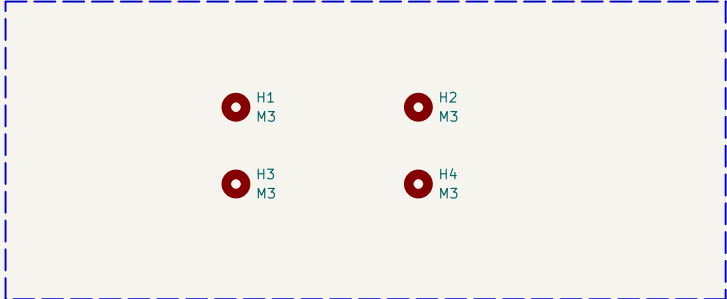
## Motor outputs



## Connectors



## Mounting holes



Vagarth Gaurav

Sheet: /Motor drivers and connectors/  
File: Motor\_drivers.kicad\_sch

Title: Demon board

Size: A4

Date:

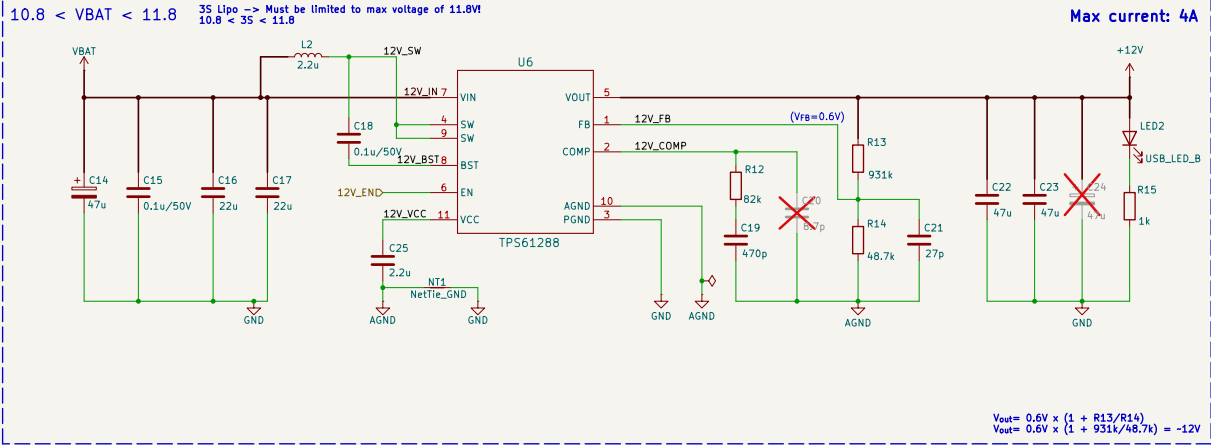
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Rev:

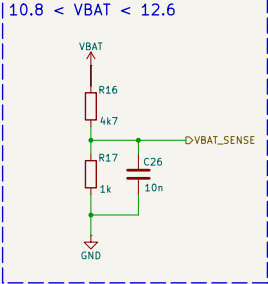
Id: 3/4

# Voltage regulator and Voltage sense

## 12V boost converter



## Battery Voltage sense



## 5V buck converter

