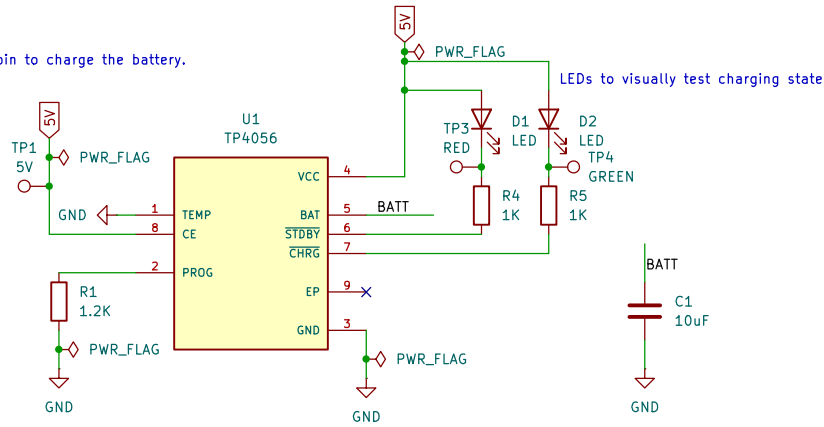
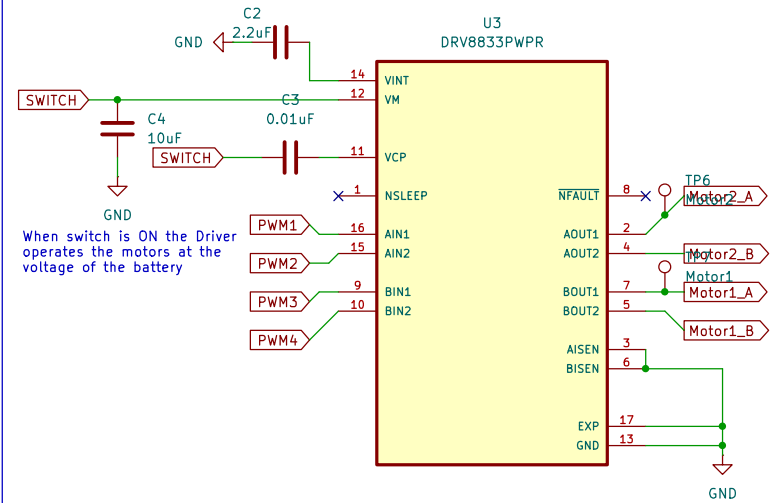


It utilises 5V from input pin to charge the battery.

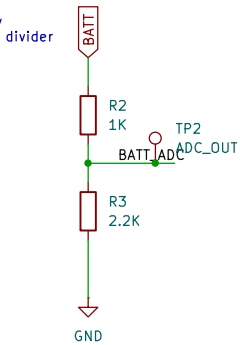


Battery charger

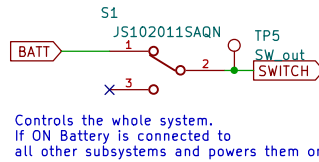


Driver circuit

The voltage of the battery is sent through a voltage divider then to the ADC pin.

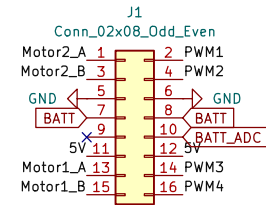


Analogue connection

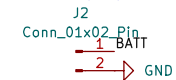


Switch circuit

2x8 (2.54mm pin pitch) pin header
Connecting the board to the motherboard



JST PH 2mm pin pitch connector for battery.



Connection pins

Responsible for interfacing with other system modules

Author: Alulutho Mthitshana
MTHALU008

UCT

Sheet: /
File: micro_mouse.kicad_sch

Title: Micro-mouse Power Subsystem

Size: A4 Date: 2024-03-23

KiCad E.D.A. 8.0.1

Rev:
Id: 1/1