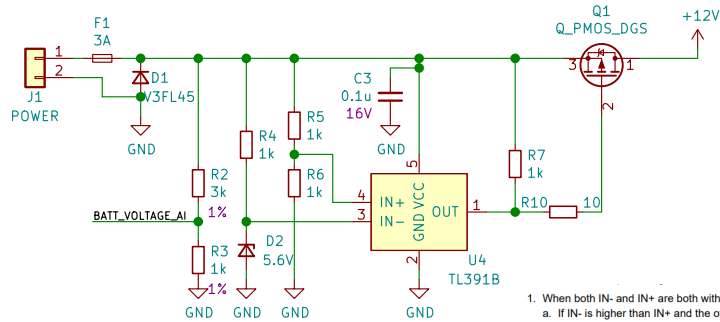


Power Input



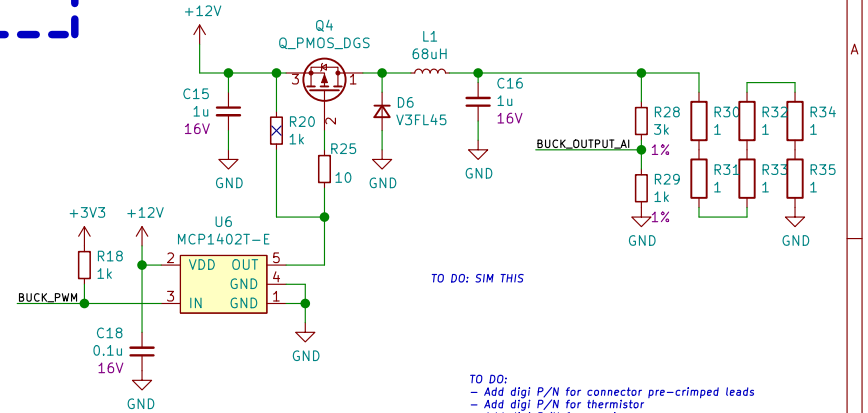
Undervoltage, overcurrent and reverse voltage protection.

- When both IN- and IN+ are both within the common mode range:
 - If IN- is higher than IN+ and the offset voltage, the output is low and the output transistor is sinking current
 - If IN- is lower than IN+ and the offset voltage, the output is high impedance and the output transistor is not conducting

Project: Wood Stove

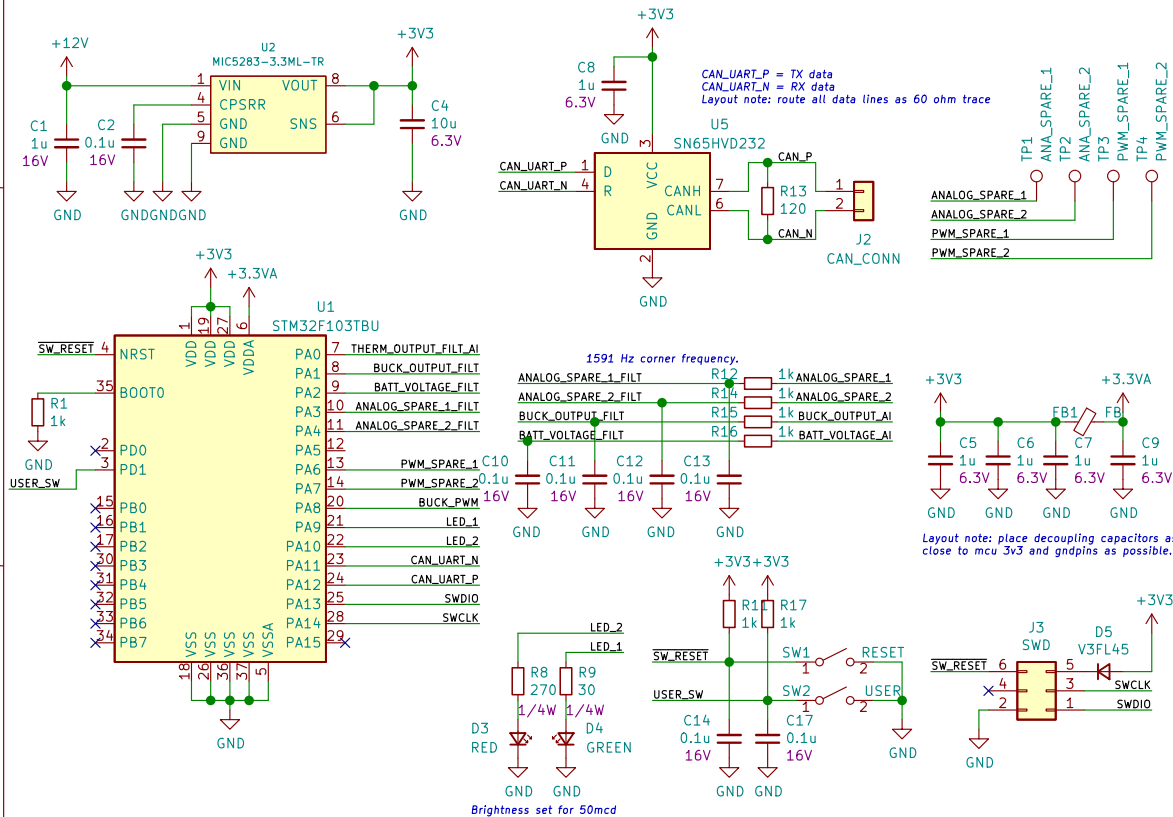
A 25W, STM32 based, PID controlled beverage warmer.

Power Stage/Heating

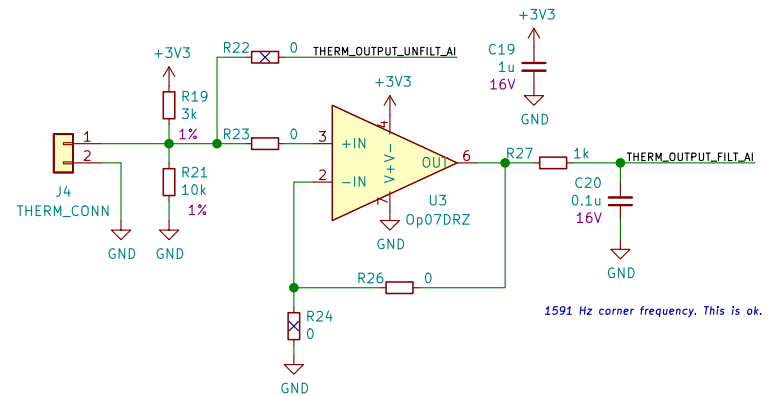


- TO DO:
- Add digi P/N for connector pre-crimped leads
 - Add digi P/N for thermistor
 - Add digi P/N for passives
 - Add digi P/N for Thermal interface material
 - Add digi P/N for CAN to UART adapter?

Digital/MCU



Thermistor Interface



By: Walsh Bros Inc.
Memorial University of Newfoundland

Sheet: /
File: beverageWarmer1.sch

Title: Wood Stove

Size: A4 Date: 2022-01-13

KiCad E.D.A. kicad (5.1.8)-1

Rev: 1

Id: 1/1