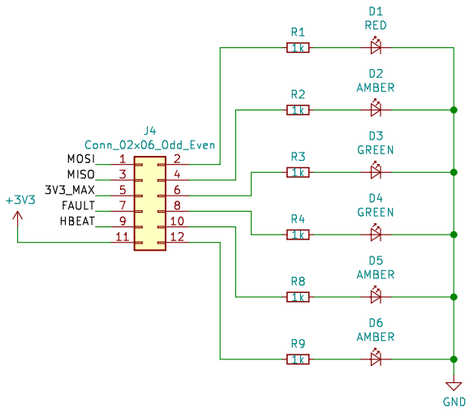
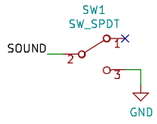
This is based on the KiCAD Raspberry Pi 3B+ HAT template.
It uses the official Raspberry Pi spec to be able to call an extension board a HAT.
https://github.com/raspberrypi/hats/blob/master/designguide.md

INDICATORS



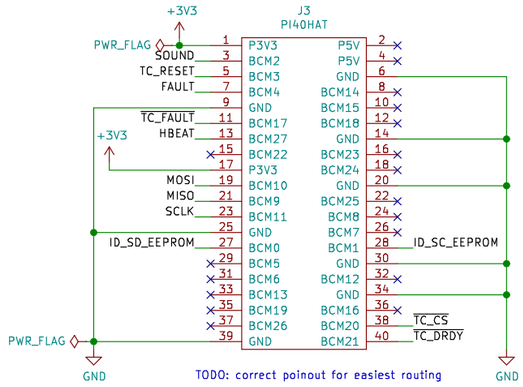
SOUND CONTROL SWITCH



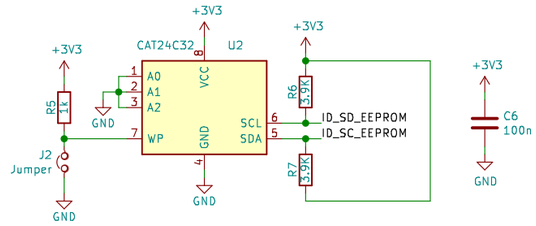
MOUNTING HOLES

H1 MountingHole
H2 MountingHole
H3 MountingHole
H4 MountingHole

40-Pin HAT Connector

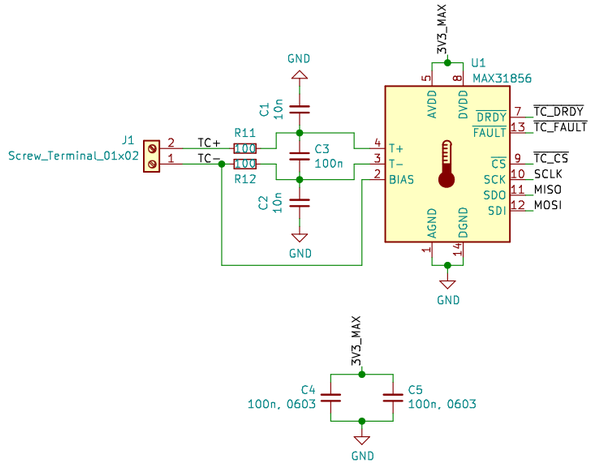


EEPROM

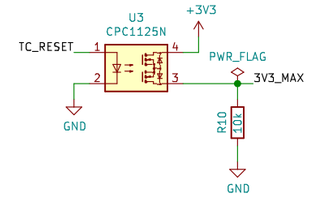


THERMOCOUPLE

https://cdn-learn.adafruit.com/assets/assets/000/035/946/original/sensors_schem.png?1474583748



TC POWER-CYCLE RELAY



pd resistor to drain tc chip caps on reset

FIRMWARE NOTES

- Use RPi internal pull up on sound switch

Marion Anderson
2021

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