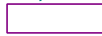
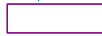


Daisy



File: Seed3-DevKit-Desktop_1.kicad_sch

Peripherals



File: Seed3-DevKit-Desktop_2.kicad_sch

Audio



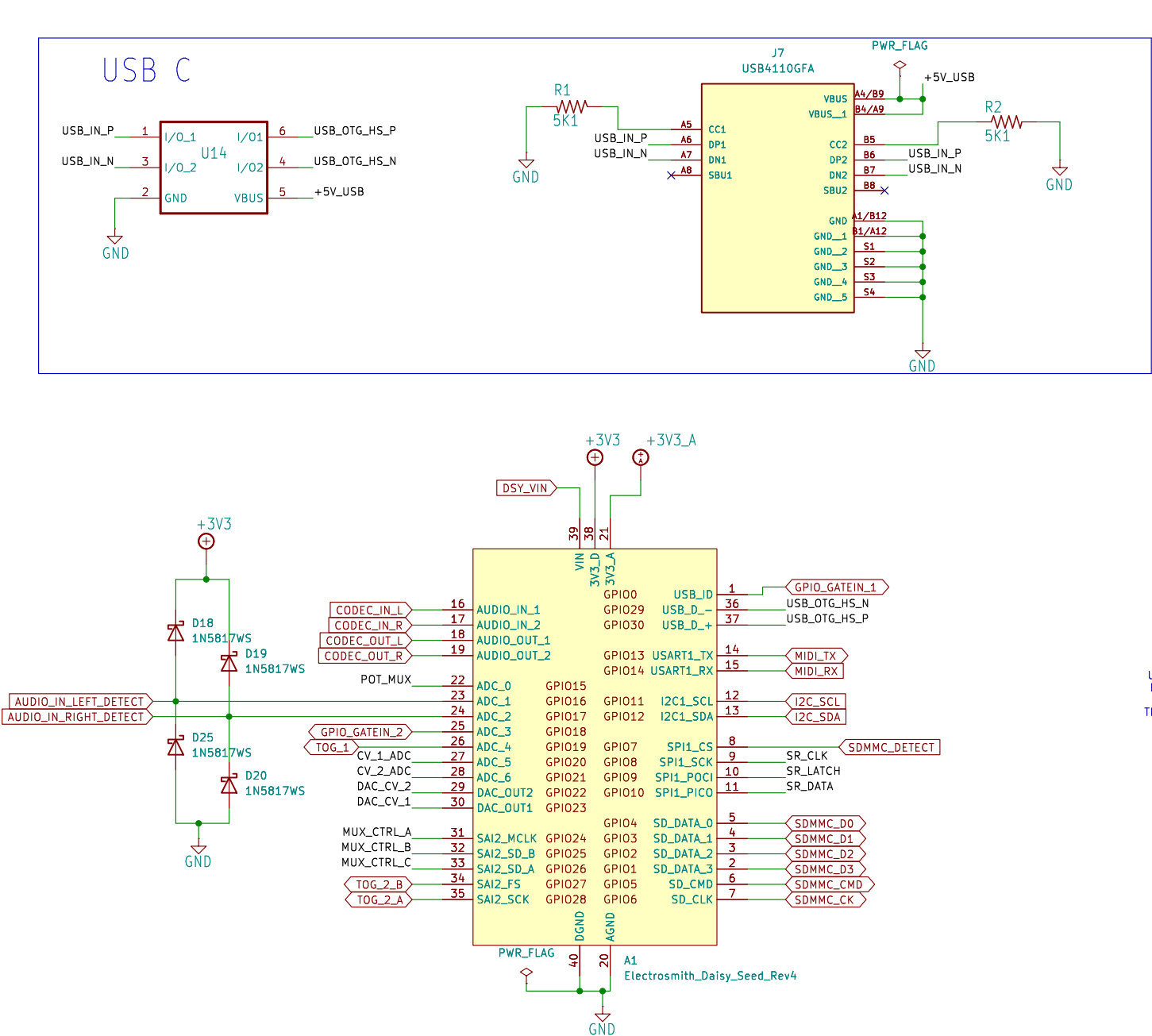
File: audio.kicad_sch

POWER

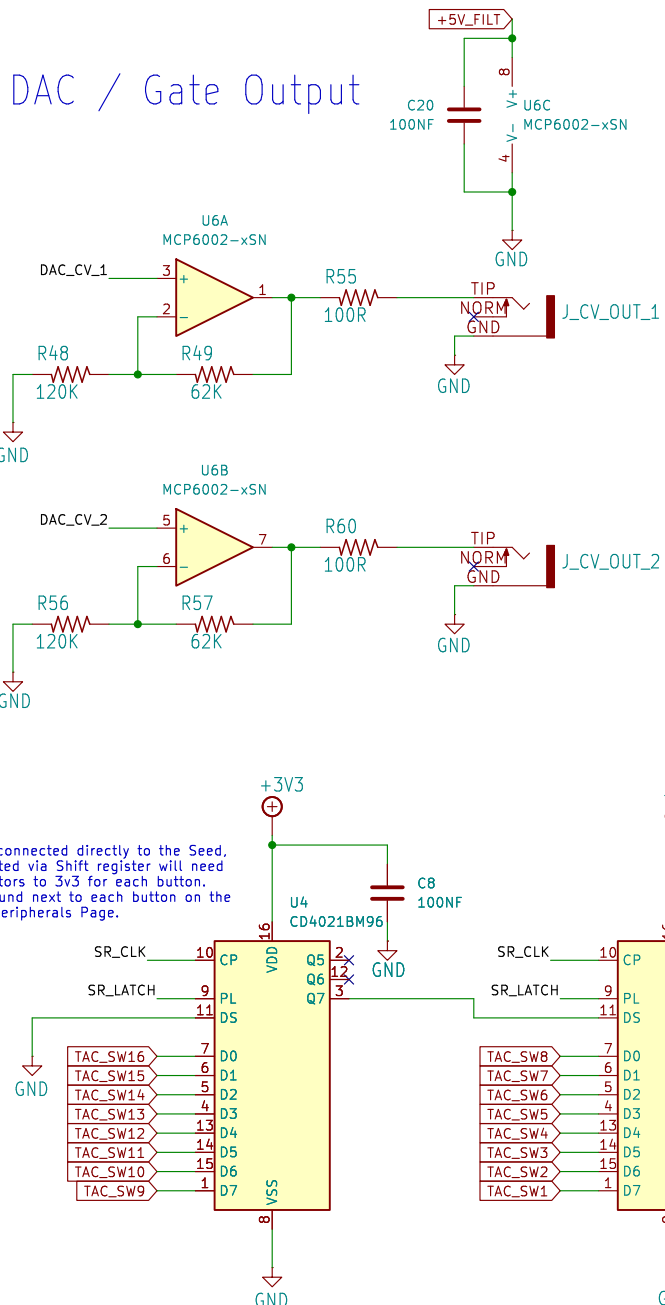
Selecting R2 with formula:
 $R2 = (V_{out}/V_{ref} - 1) \times R1$
Where $V_{ref} = 1.255V$
For V_{out} : where $R1 = 10K$ and $R2 = 62K$
 $(R2/R1) + 1 \times V_{ref} = V_{out}$
 $V_{out} = 9.036V$
(measured: 8.919V on hardware)

Jump Point
In case of troubleshooting
or for testing power via battery if we want

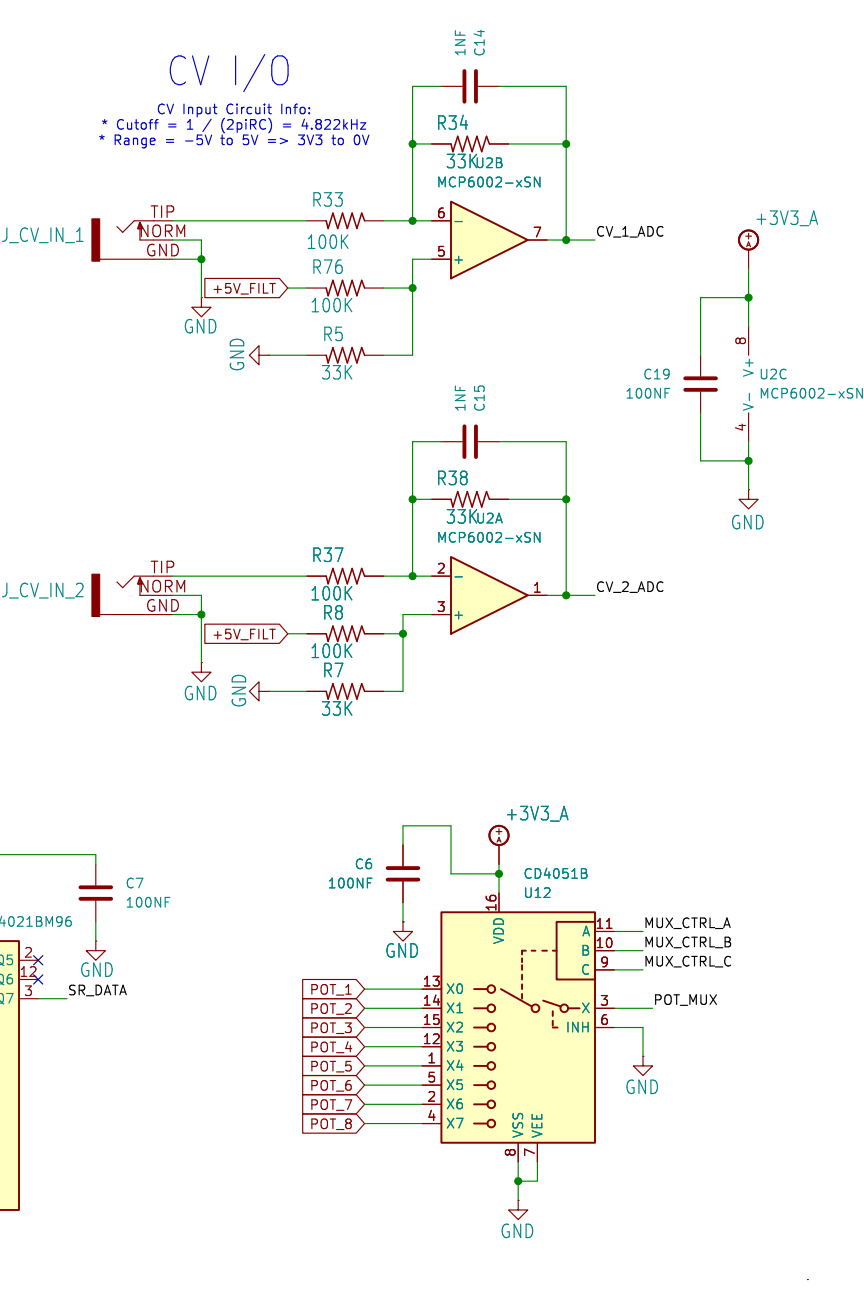
USB C



DAC / Gate Output



CV I/O



The +5V is powering:
- Headphone Amp
- DAC output op-amp
- Reference voltage for CV inputs
- 6002 buffer for AREF_AUDIO_BIAS

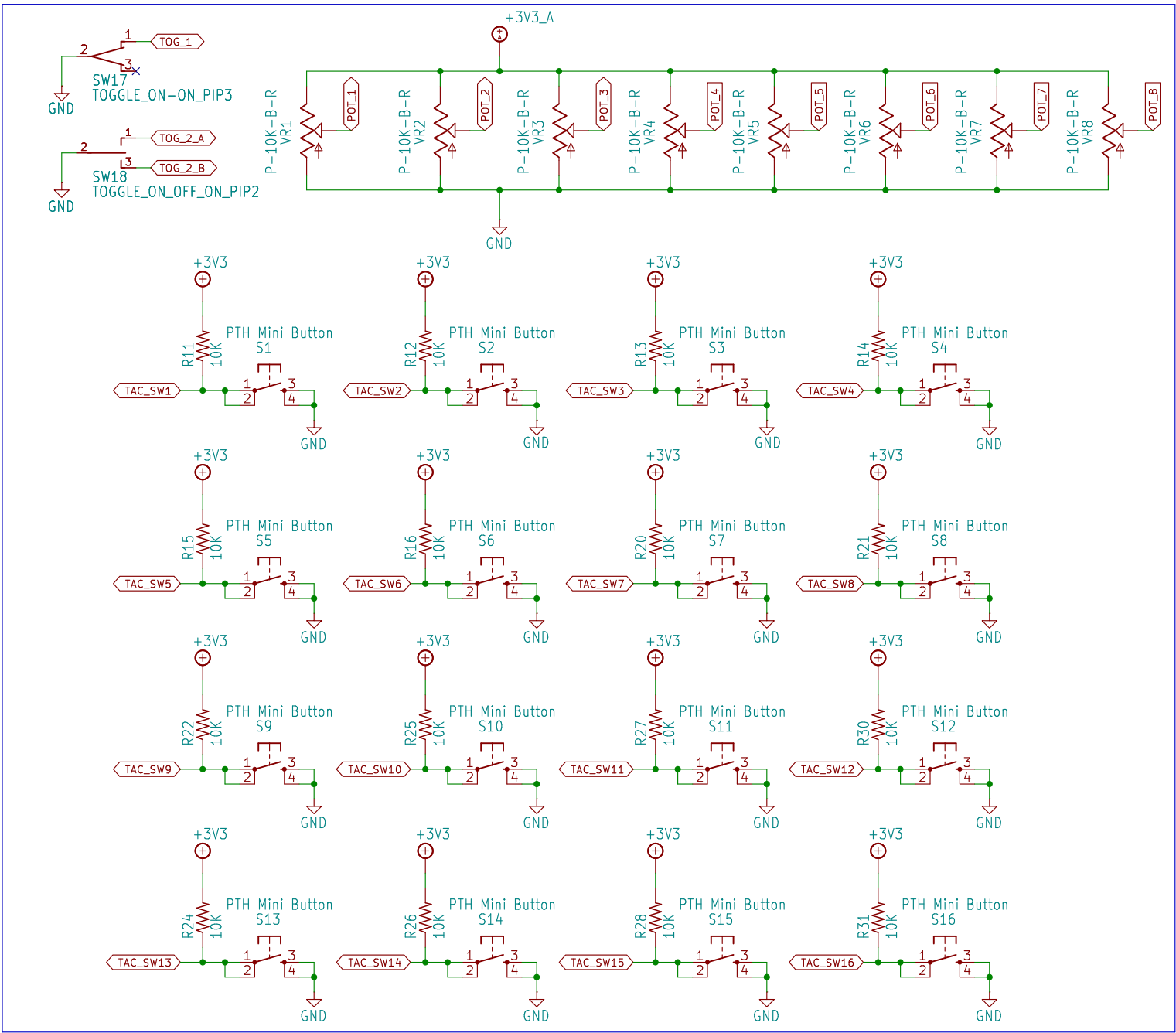


QR1

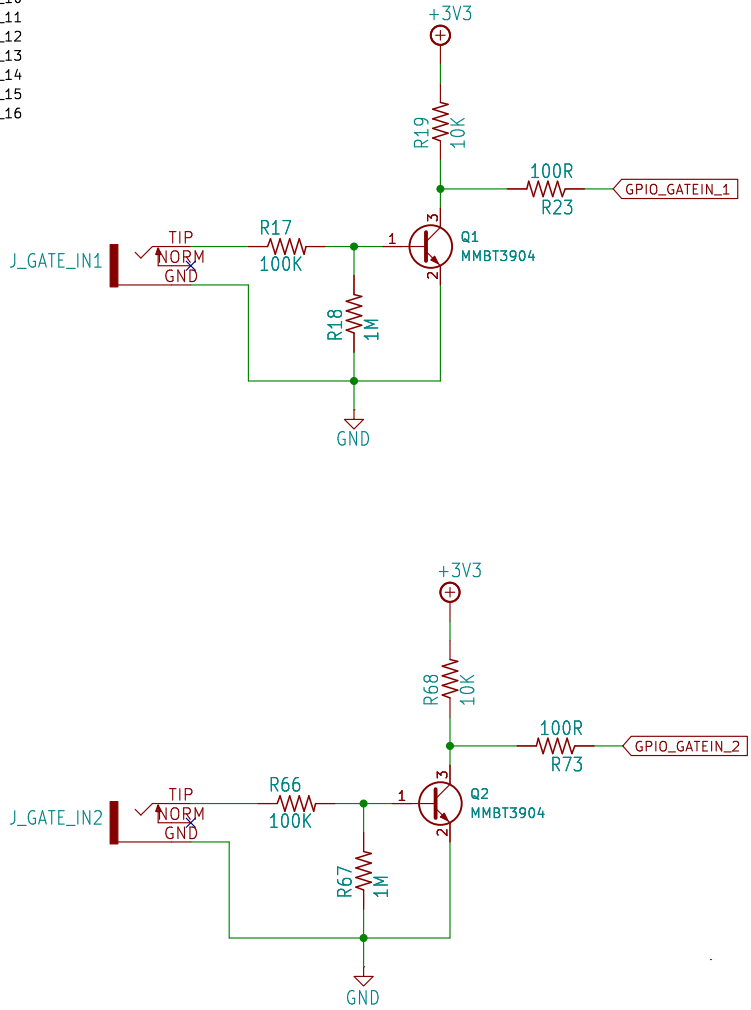
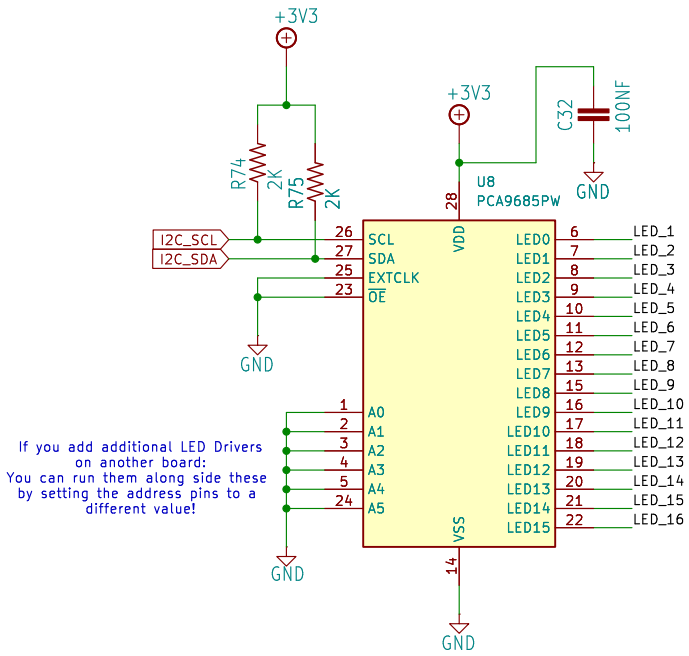
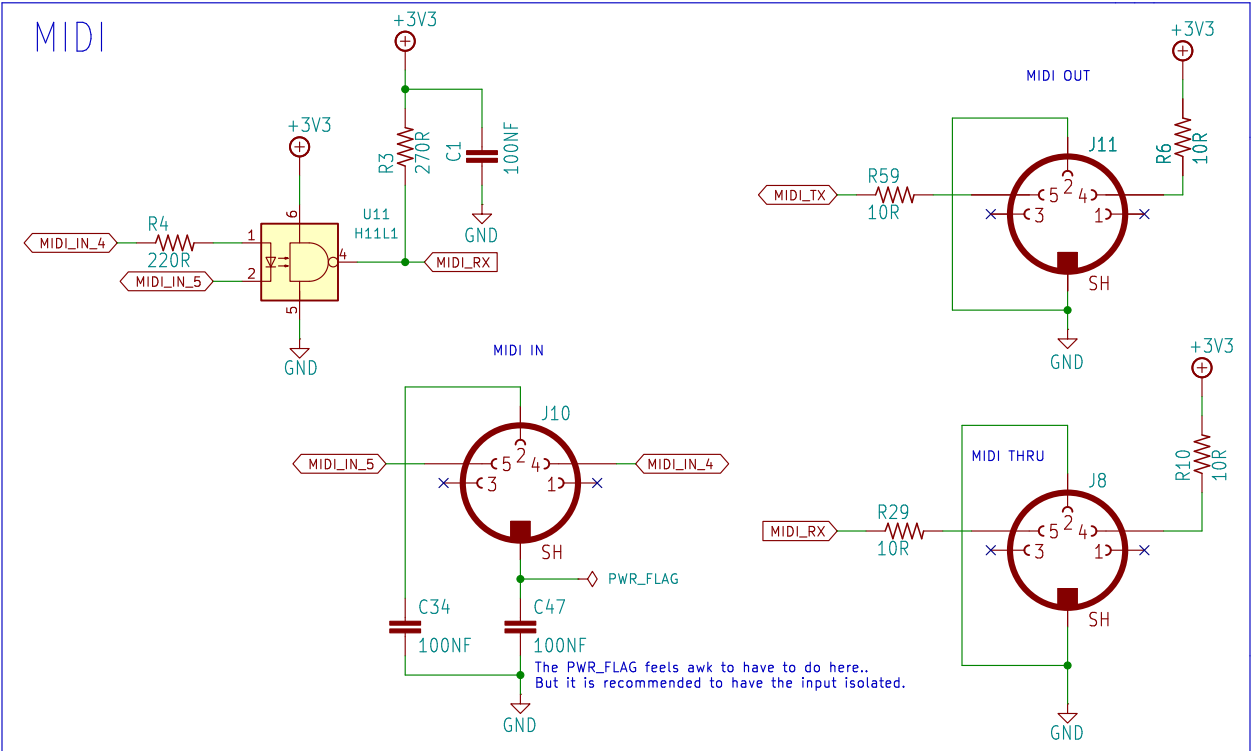


- H1 MOUNT-PAD-ROUND3.5
- H2 MOUNT-PAD-ROUND3.5
- H3 MOUNT-PAD-ROUND3.5
- H4 MOUNT-PAD-ROUND3.5

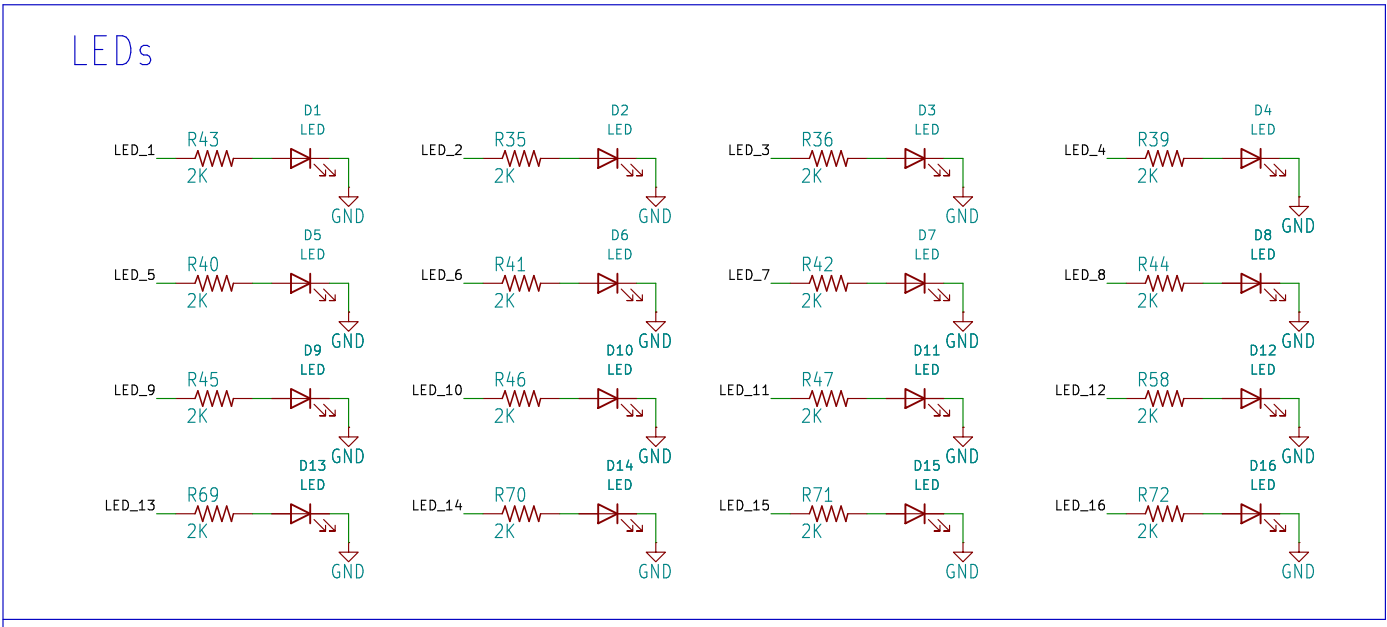
Switches + Pots



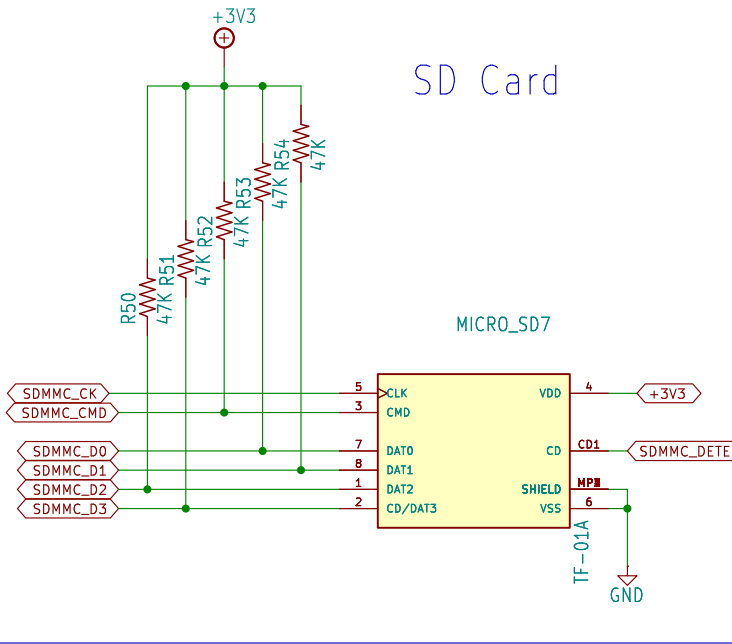
MIDI



LEDs



SD Card



AUDIO I/O

