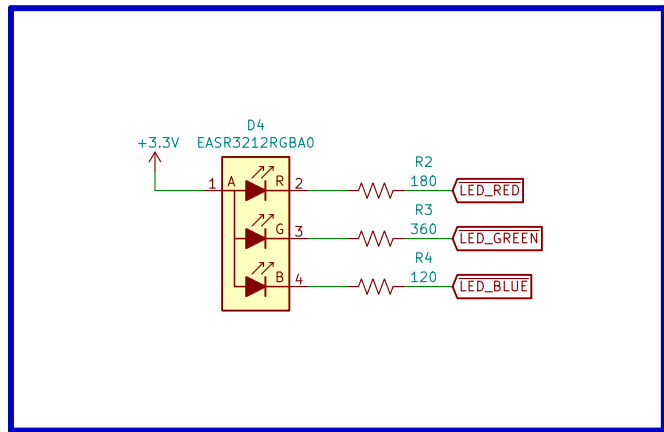
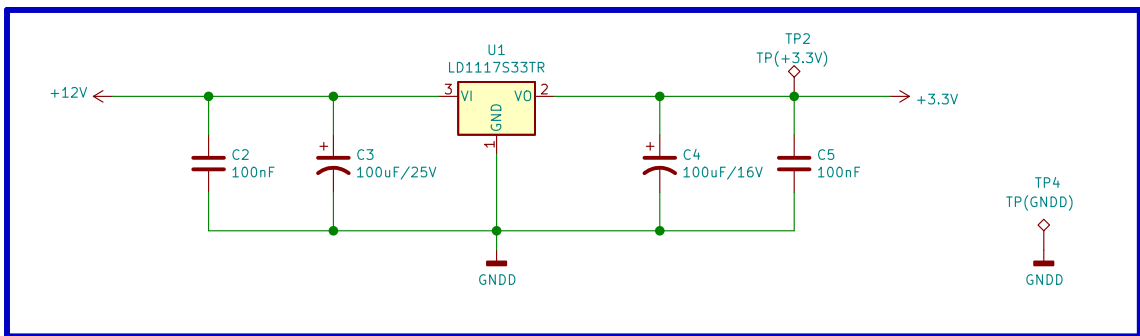


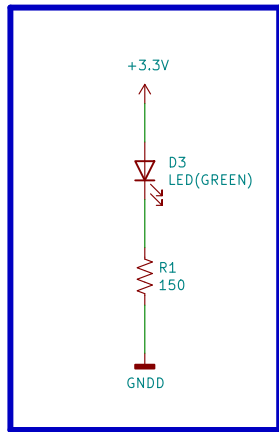
POWER CONNECTOR (+12V)



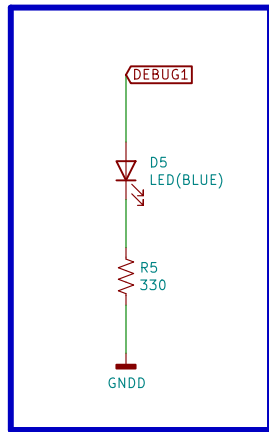
LED (STATUS)



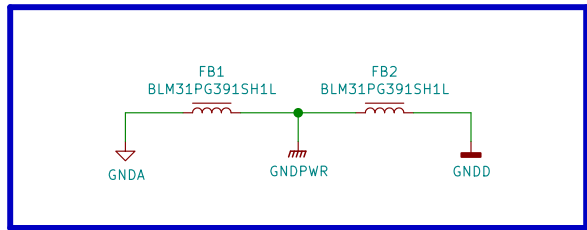
+12V to +3.3V REGULATOR



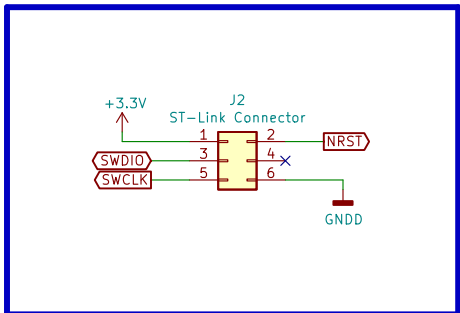
LED (POWER)



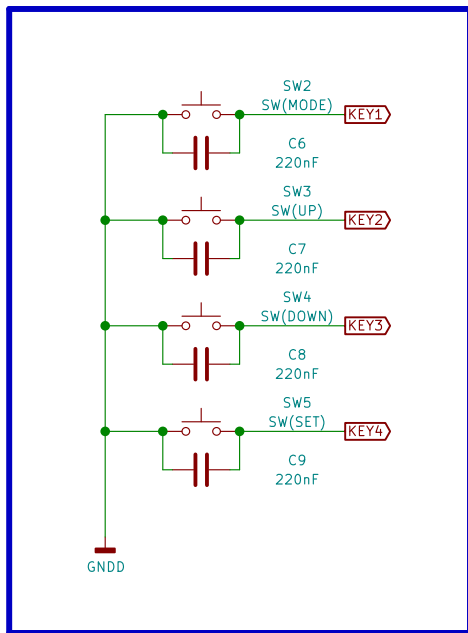
LED (DEBUG)



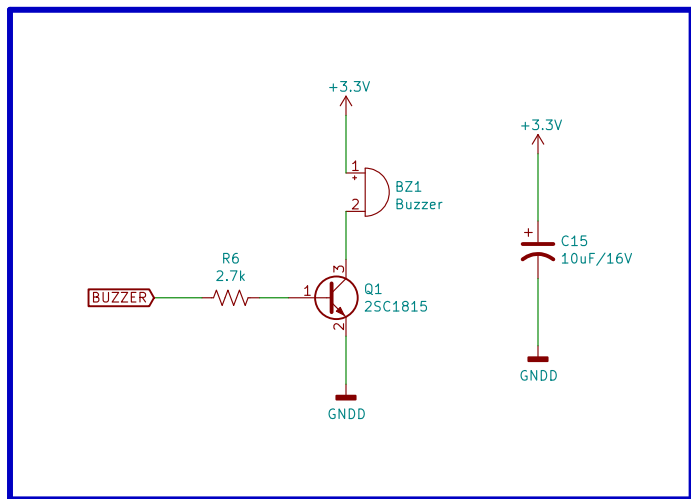
GROUND



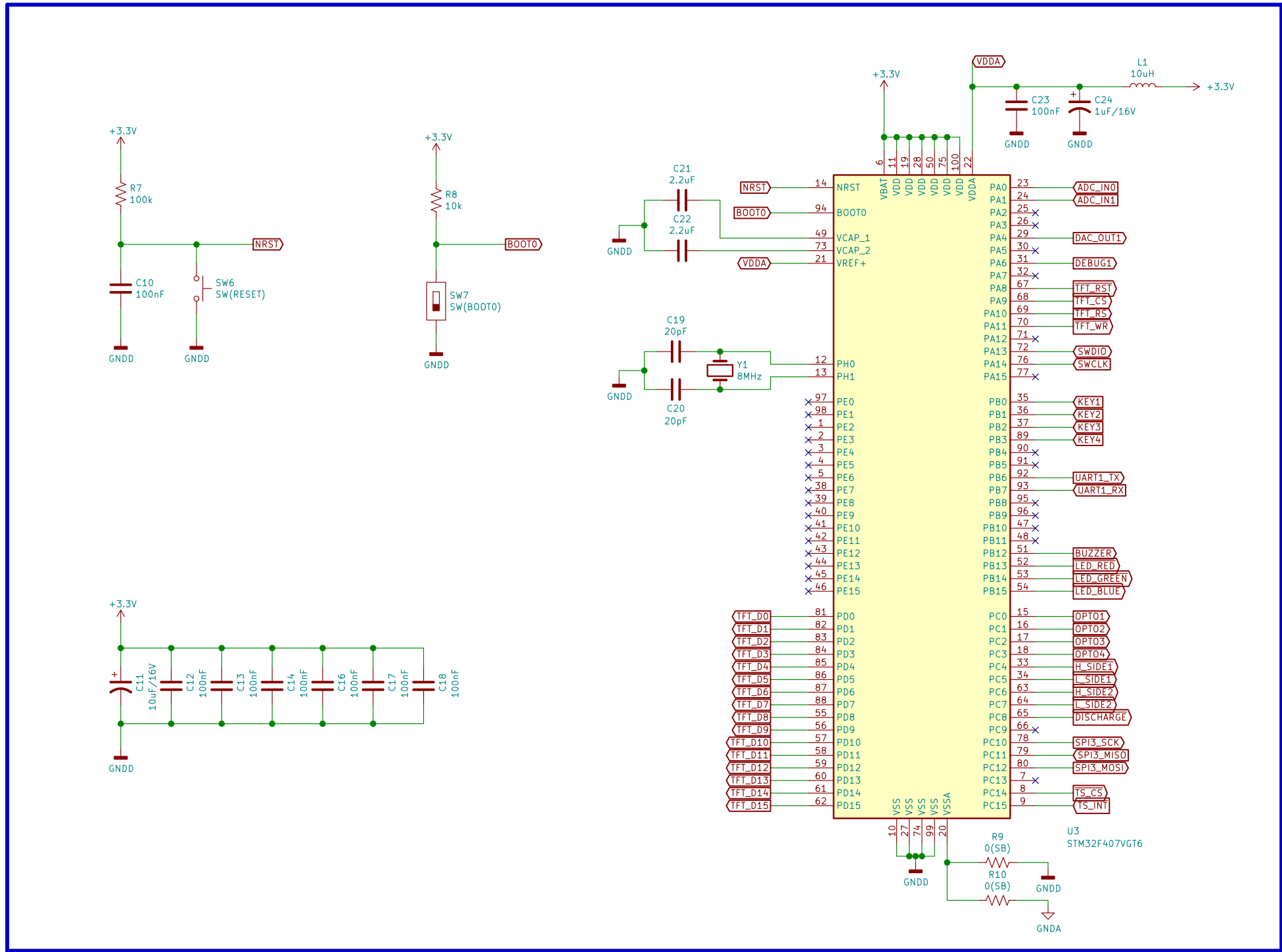
ST-LINK CONNECTOR



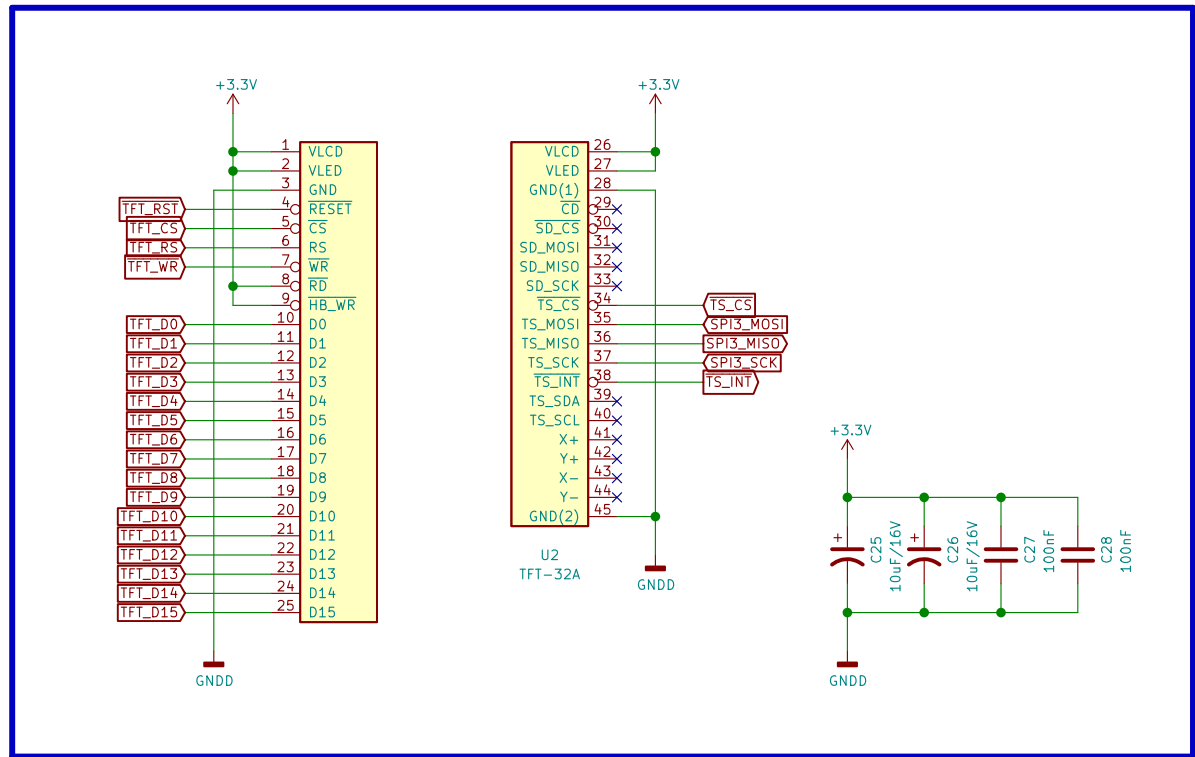
KEY



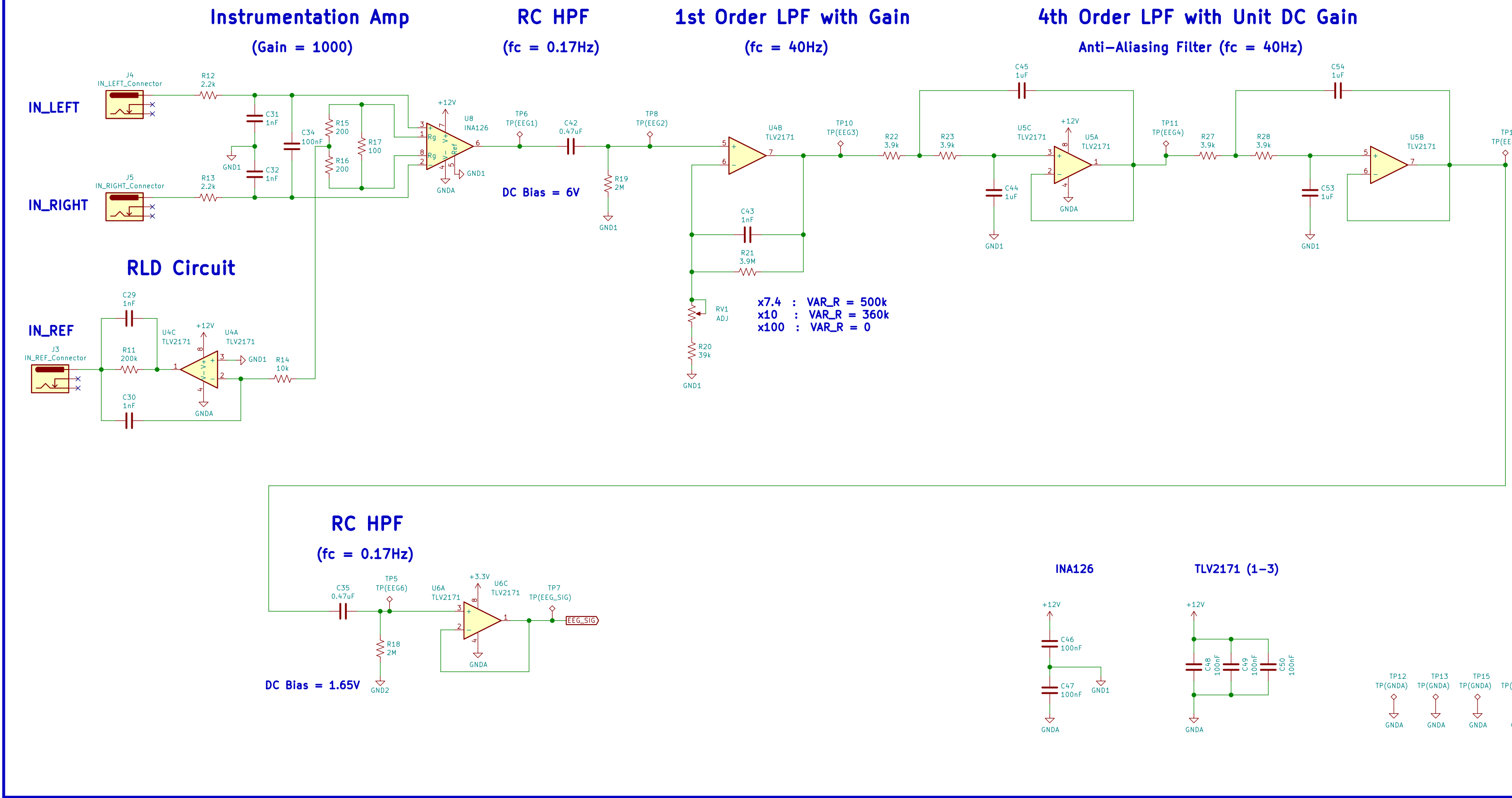
BUZZER



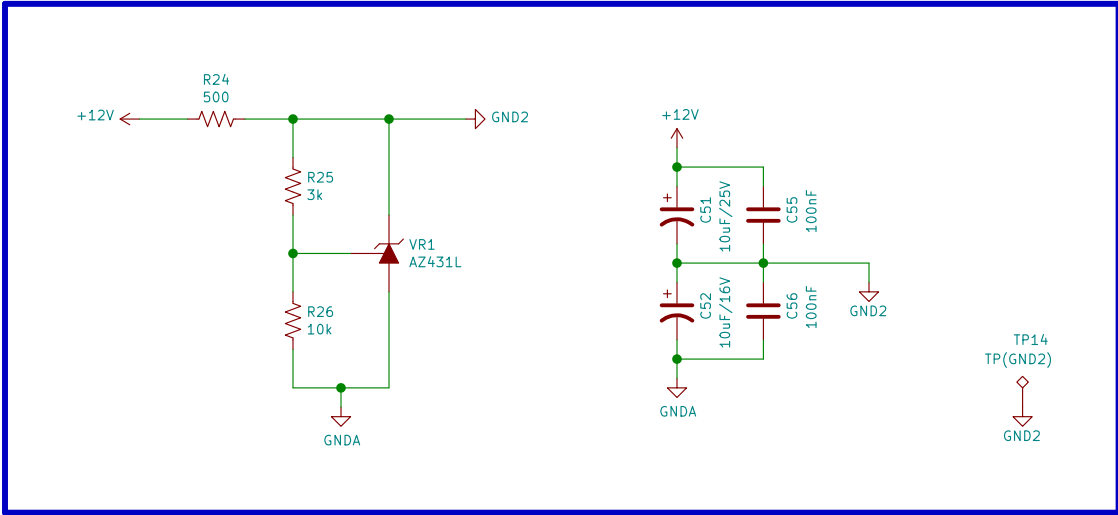
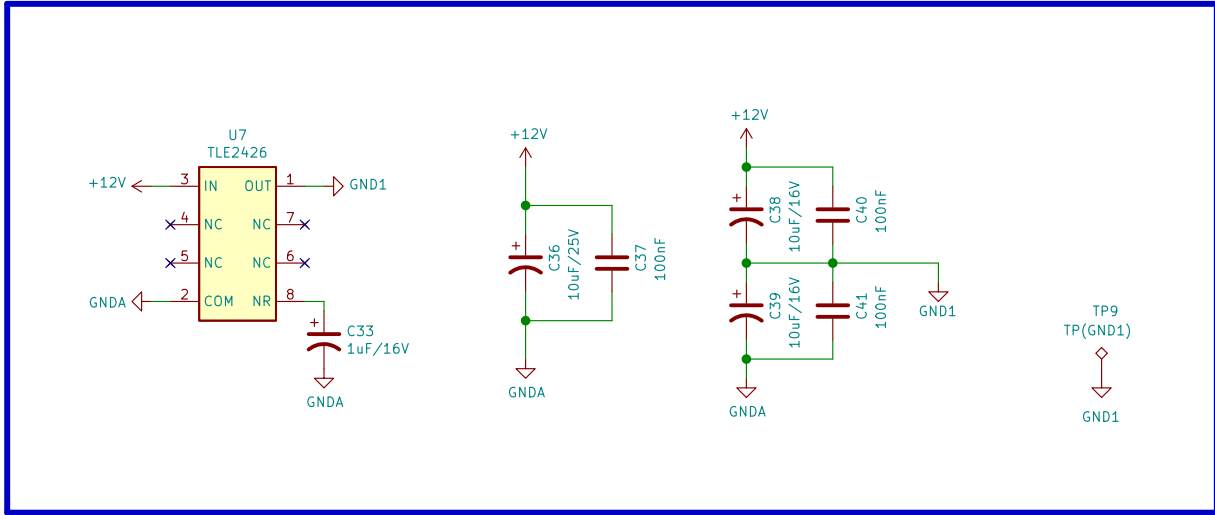
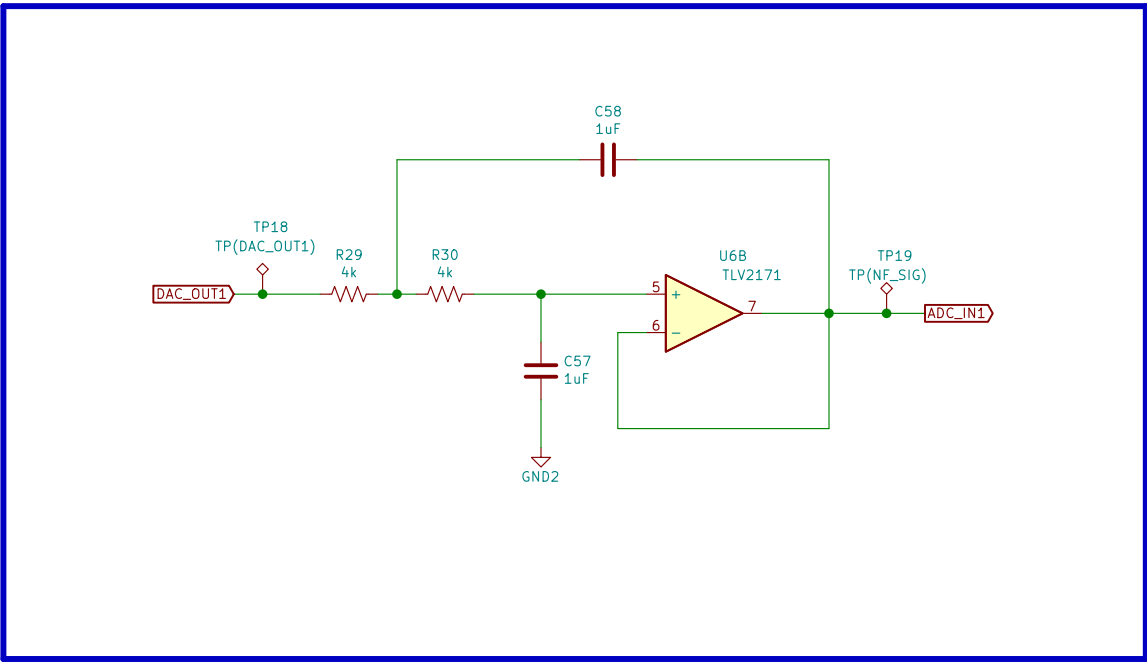
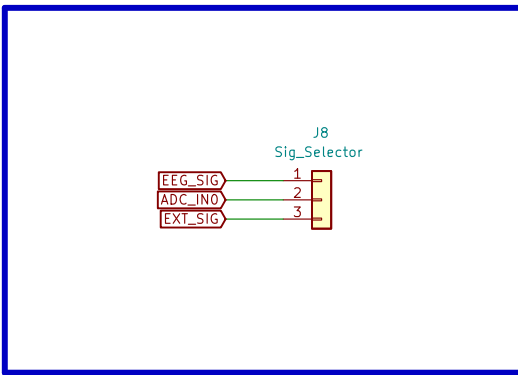
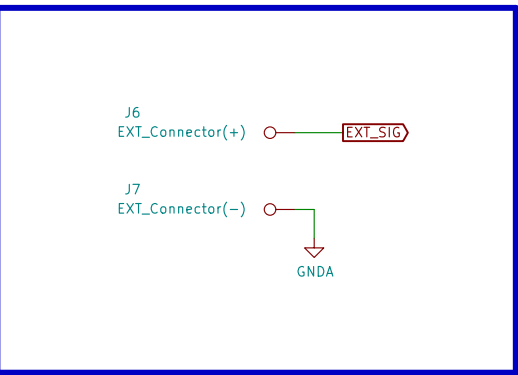
MCU (STM32F407VGT6)

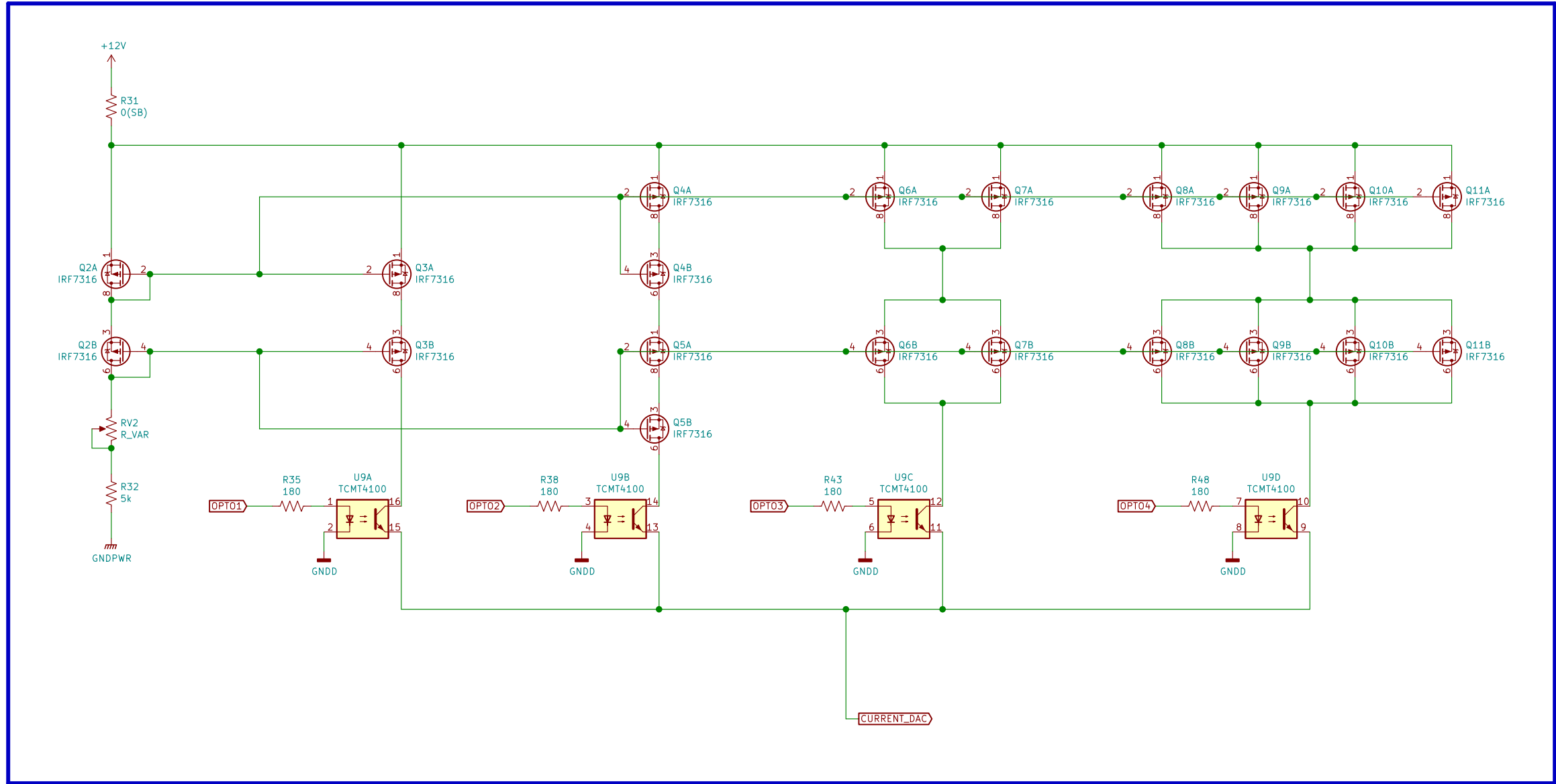


TFT LCD

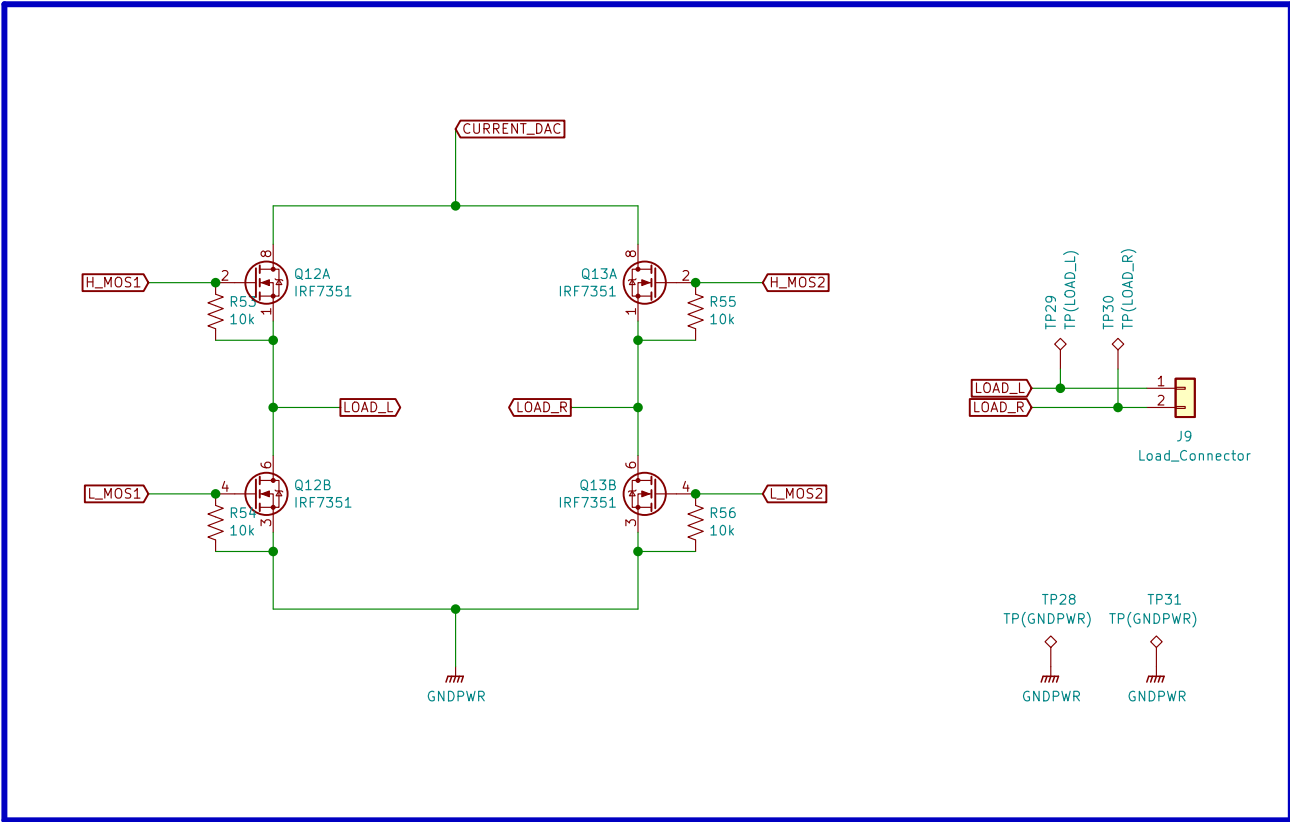


EEG MEASUREMENT CIRCUIT

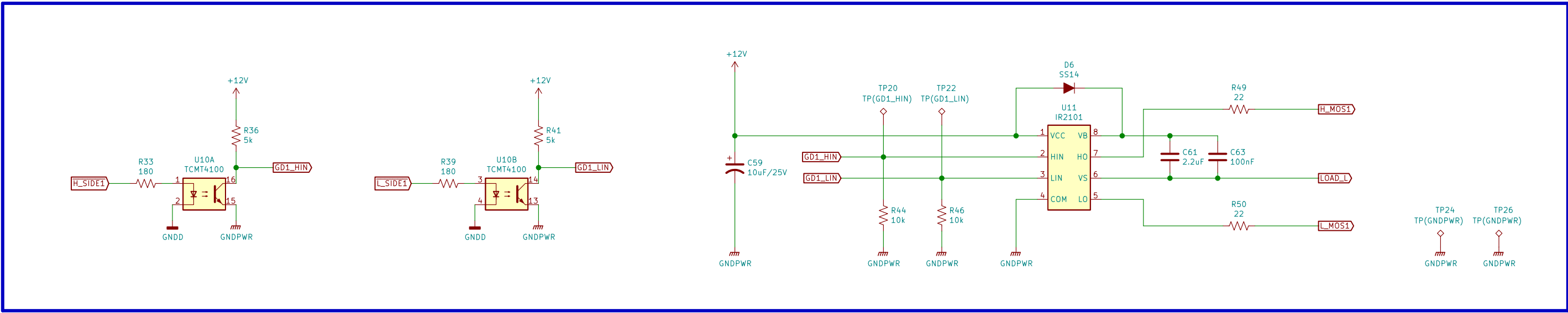




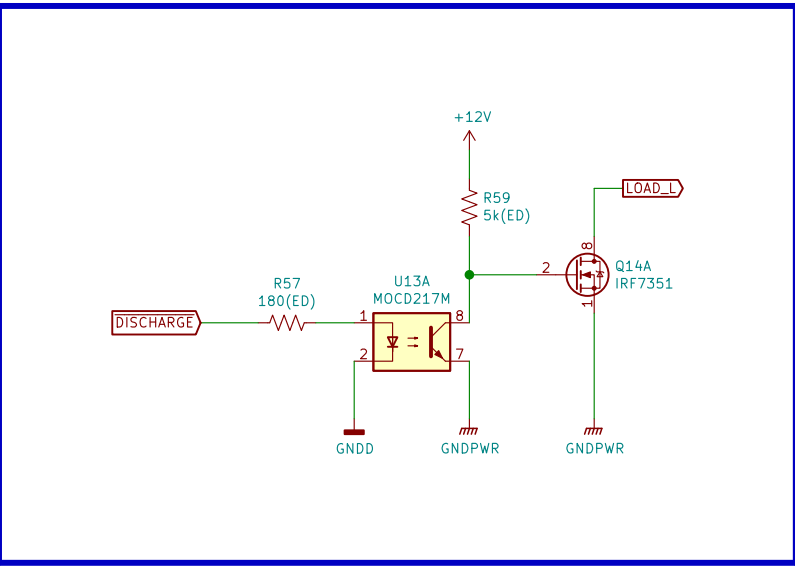
CURRENT STEERING DAC



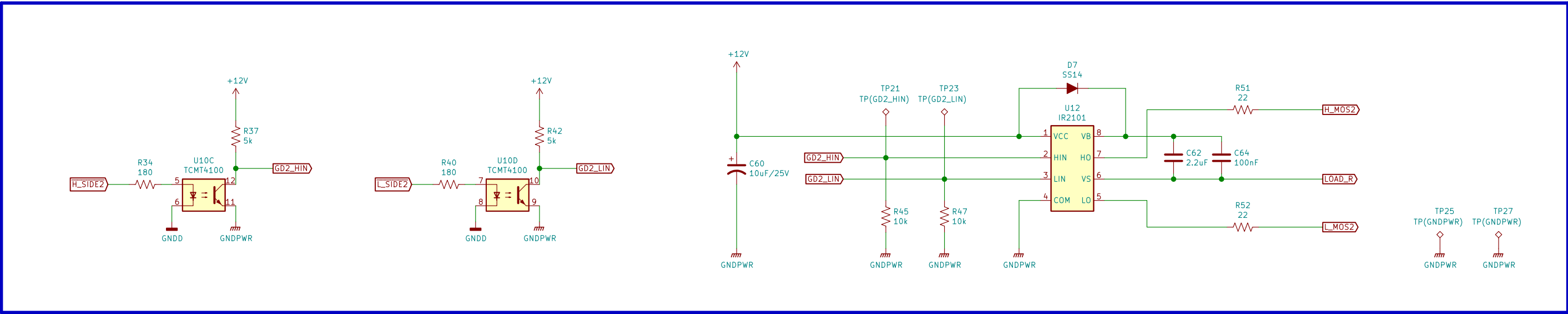
BI-PHASIC BIPOLAR CURRENT DRIVER



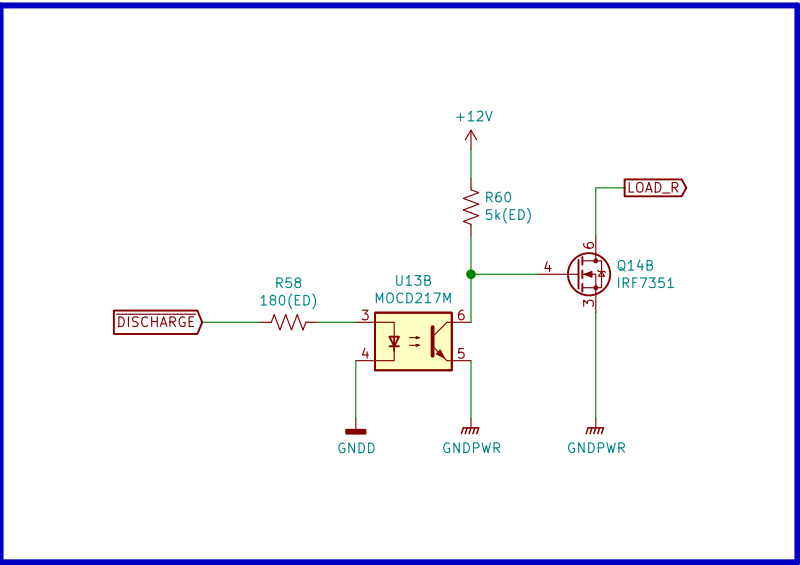
BIPOLAR PULSE SHAPING GATE DRIVER (LEFT)



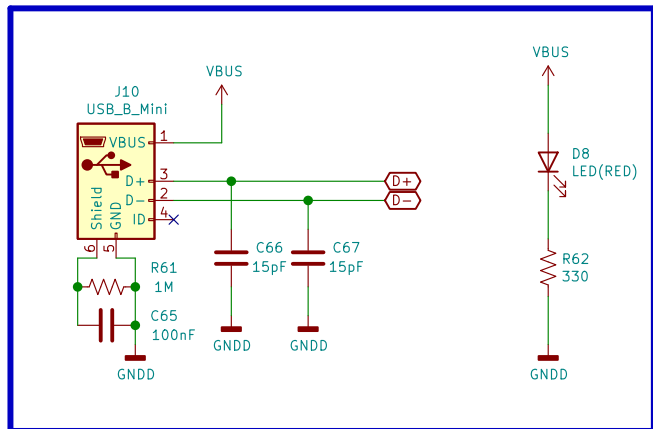
PASSIVE DISCHARGE (LEFT)



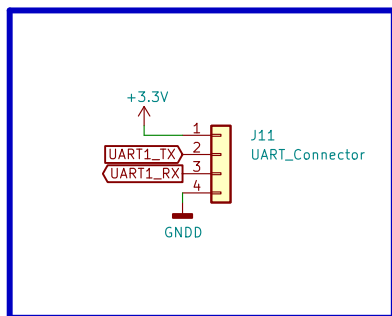
BIPOLAR PULSE SHAPING GATE DRIVER (RIGHT)



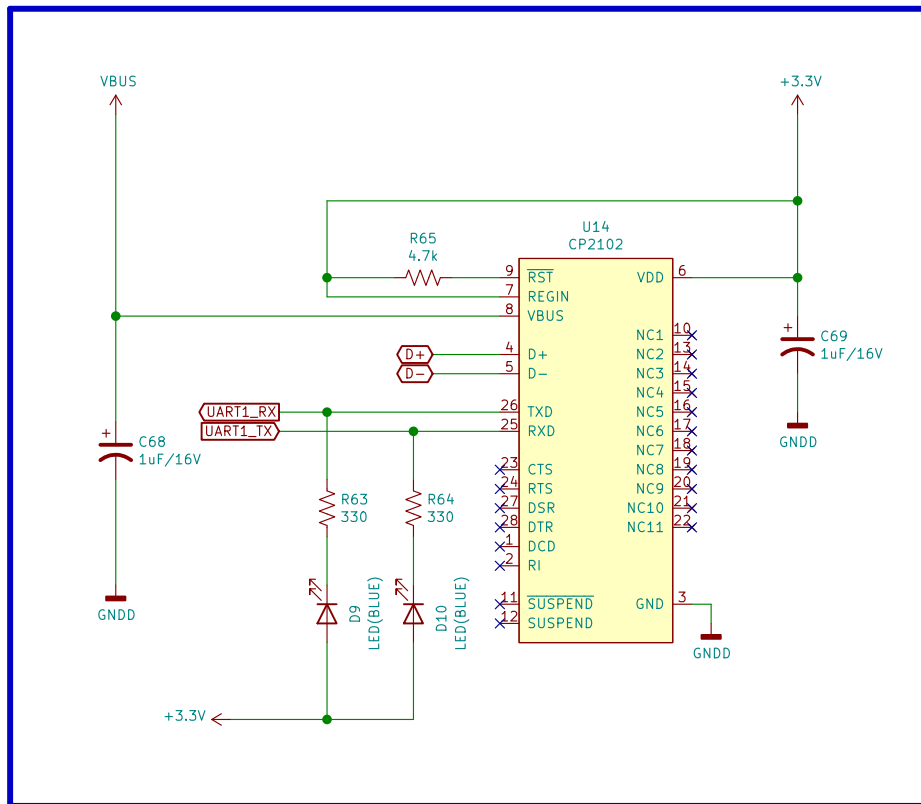
PASSIVE DISCHARGE (RIGHT)



USB-B MINI CONNECTOR



UART CONNECTOR



USB to UART BRIDGE

Designed by Ganghyeok Lim

Arkx

Sheet: /EEG Measurement & Stimulation System (4/4)/

File: file61D3EB20.sch

Title: EEG Measurement & Brain Stimulation System (4/4)

Size: A4 Date: 2021-04-08

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