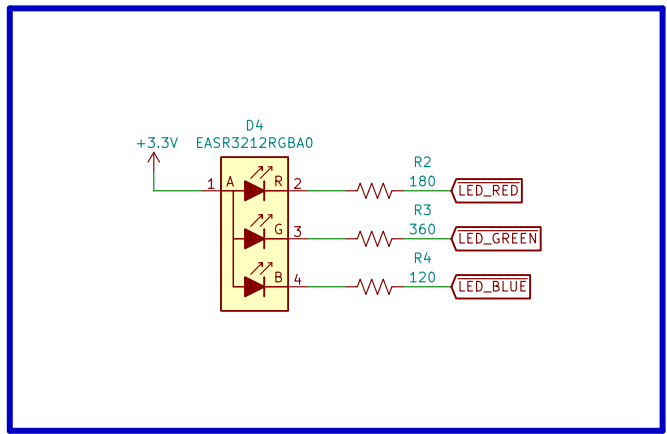
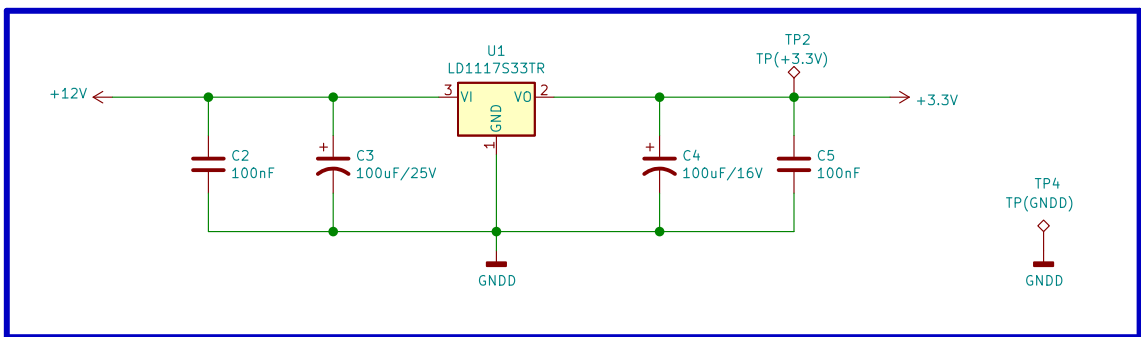


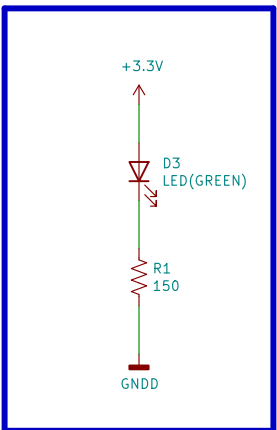
POWER CONNECTOR (+12V)



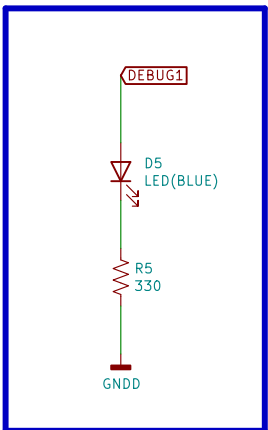
LED (STATUS)



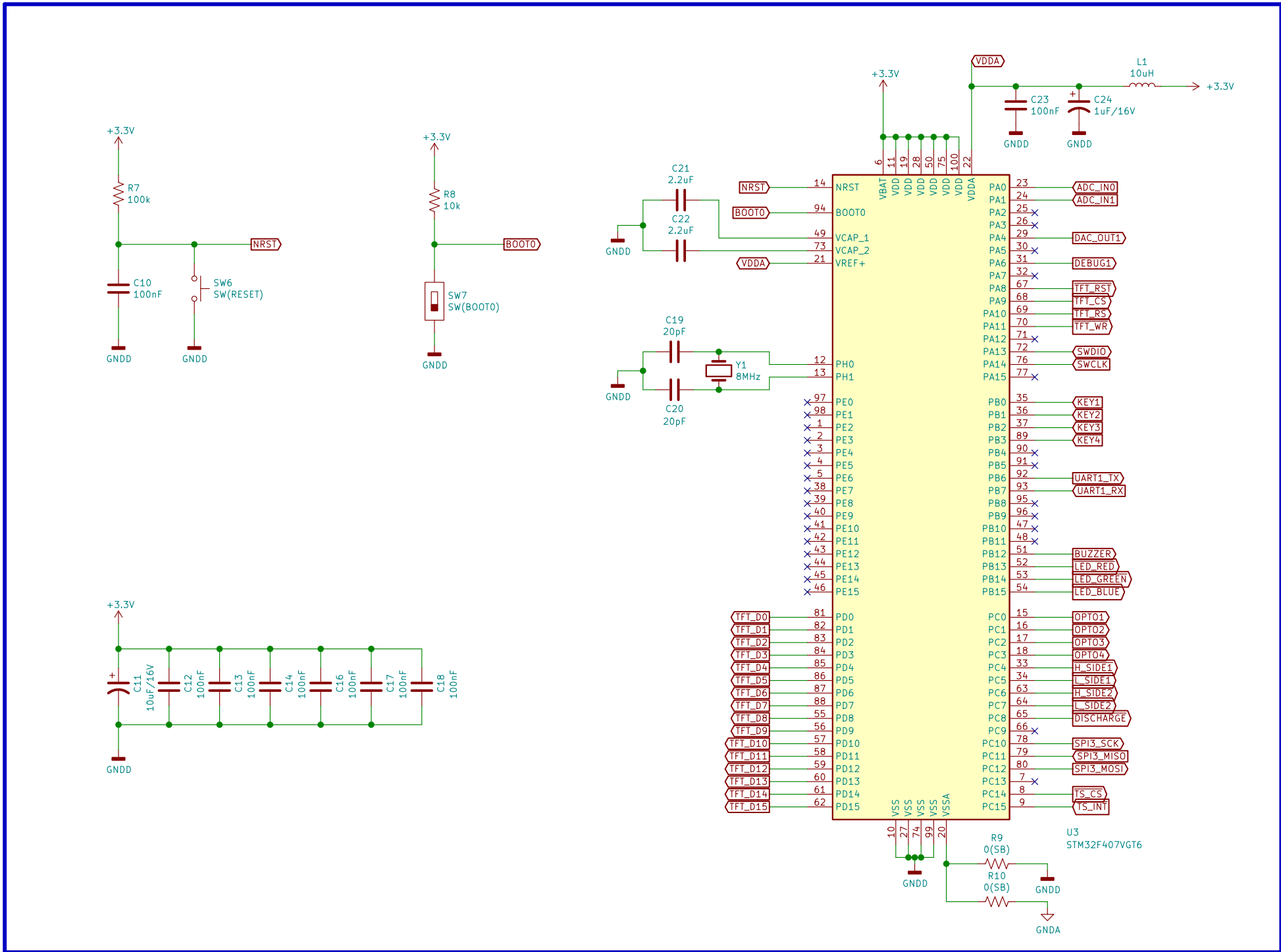
+12V to +3.3V REGULATOR



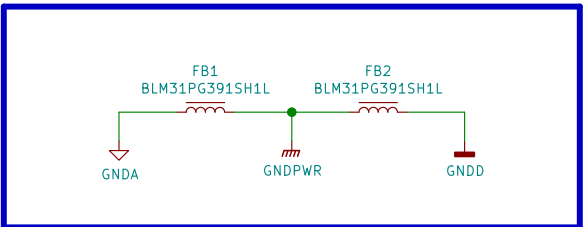
LED (POWER)



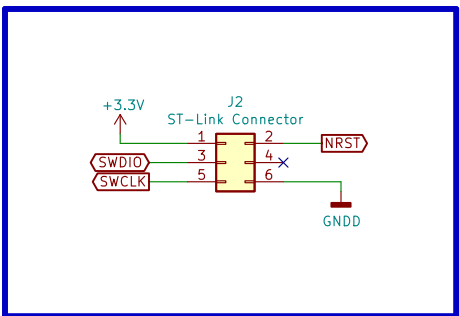
LED (DEBUG)



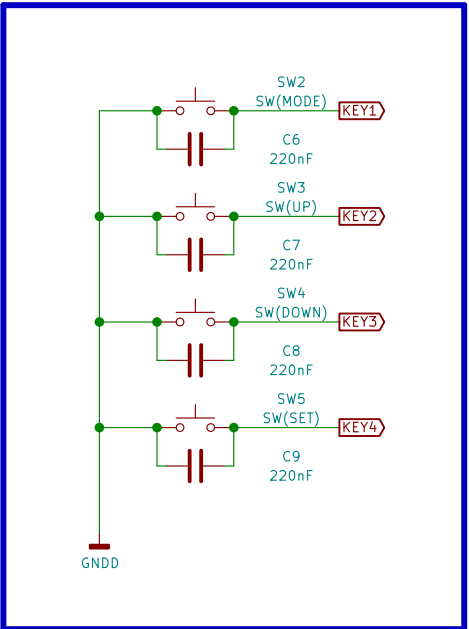
MCU (STM32F407VGT6)



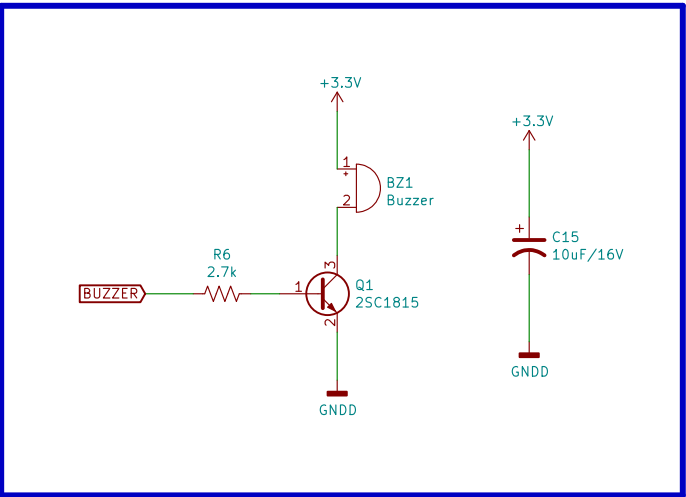
GROUND



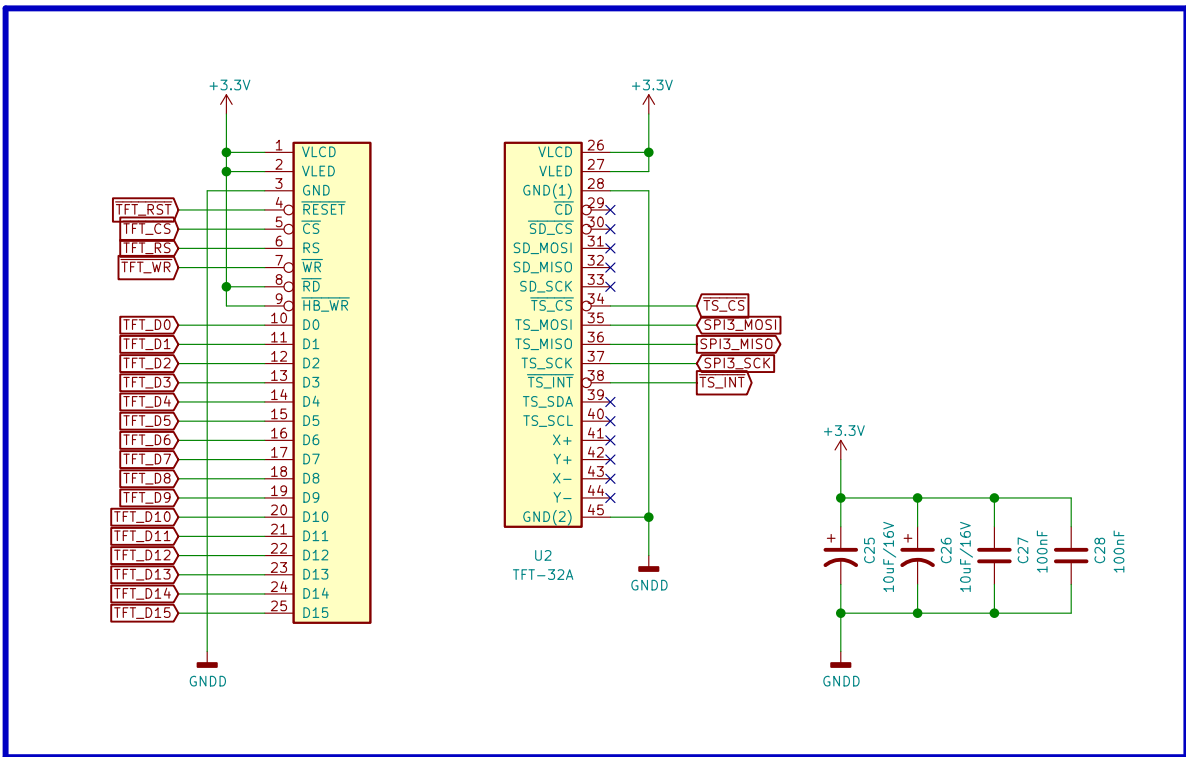
ST-LINK CONNECTOR



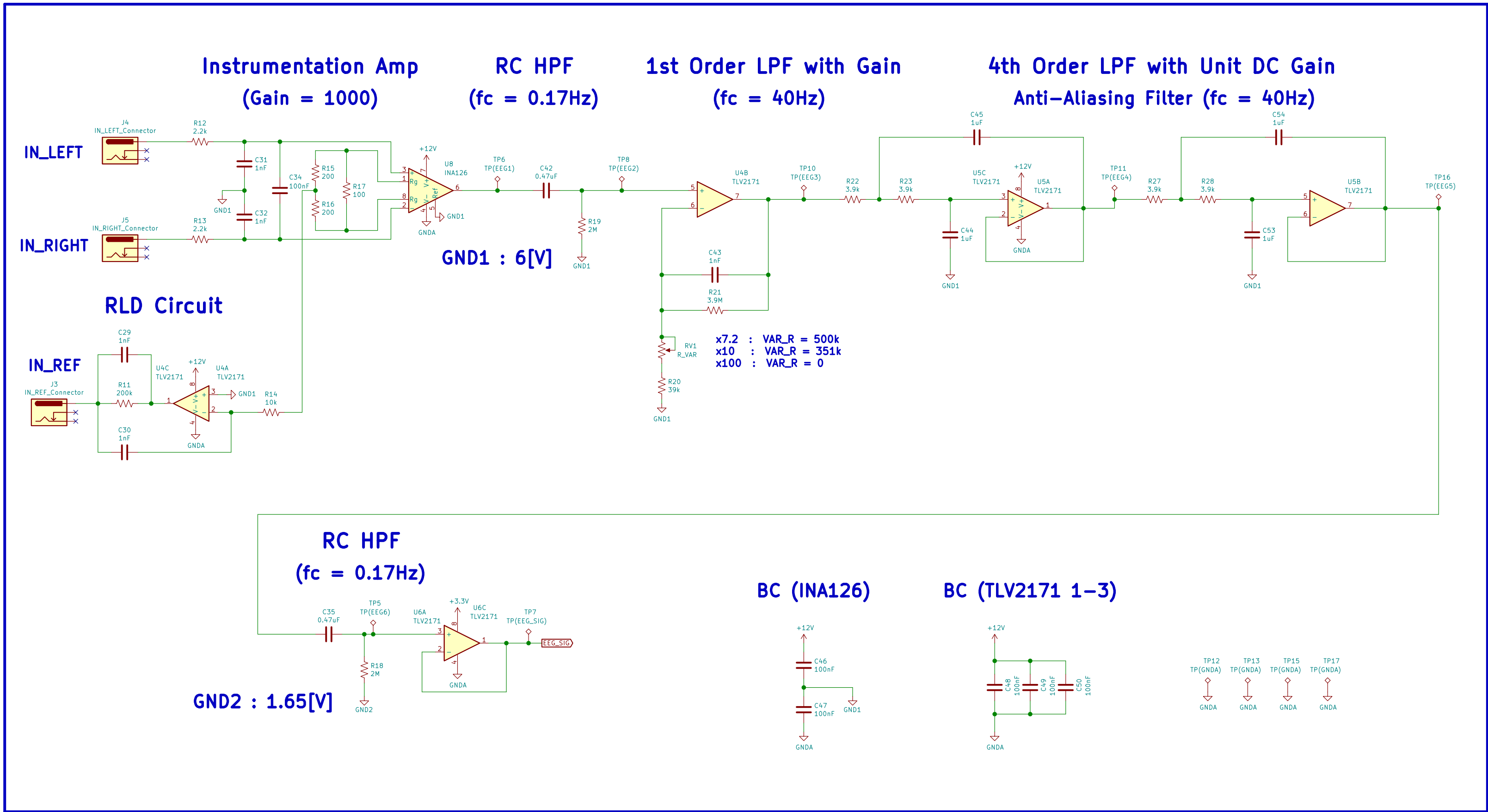
KEY



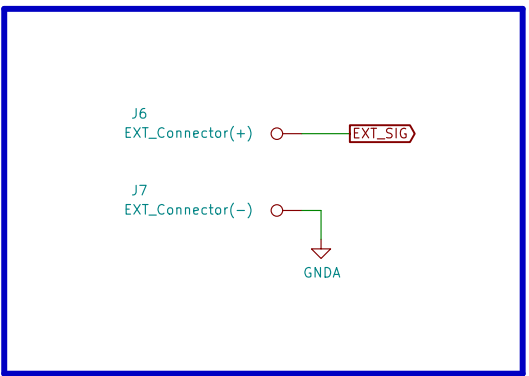
BUZZER



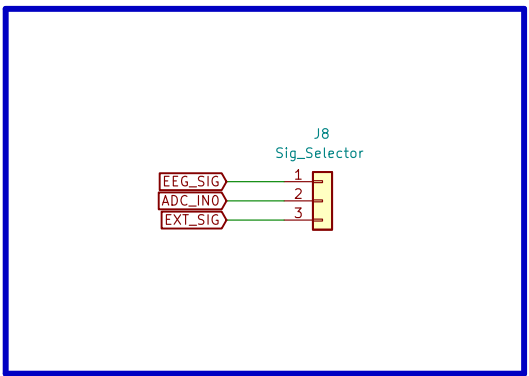
TFT LCD



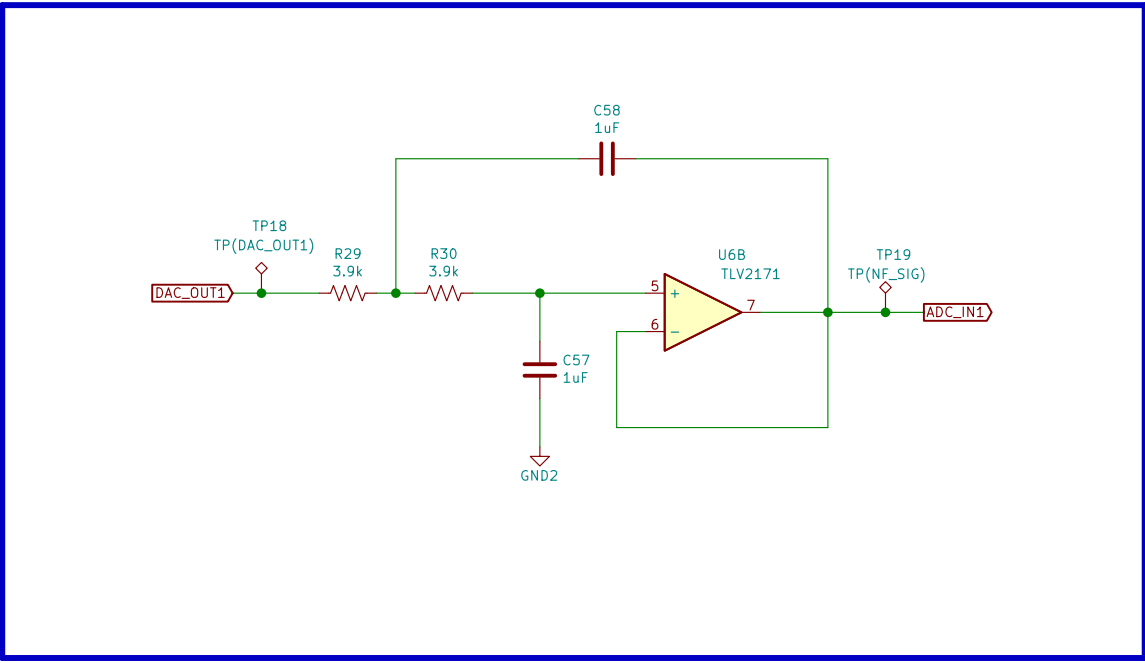
EEG MEASUREMENT CIRCUIT



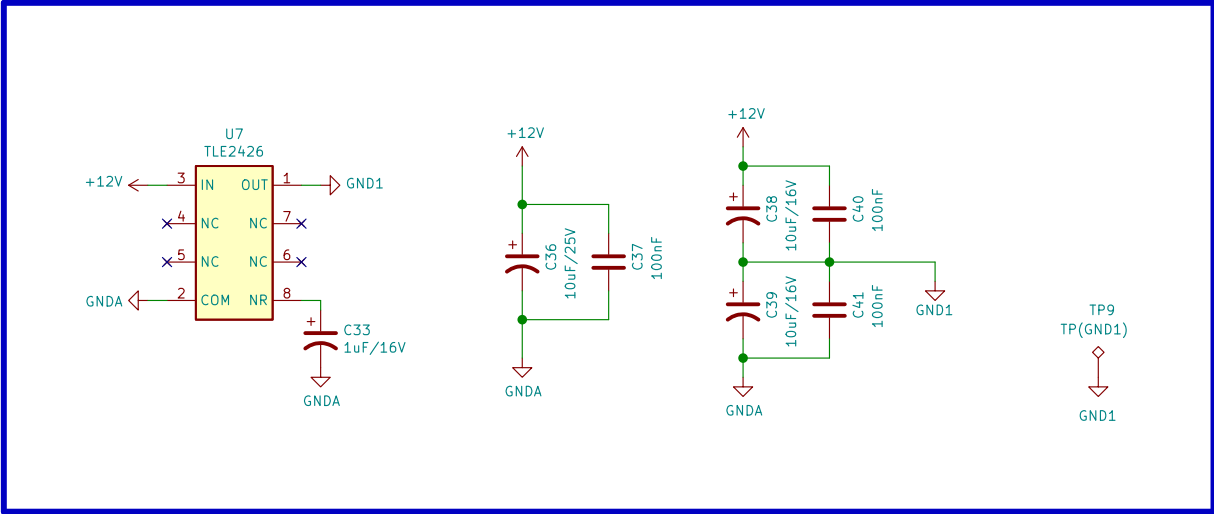
EXTERNAL SIGNAL



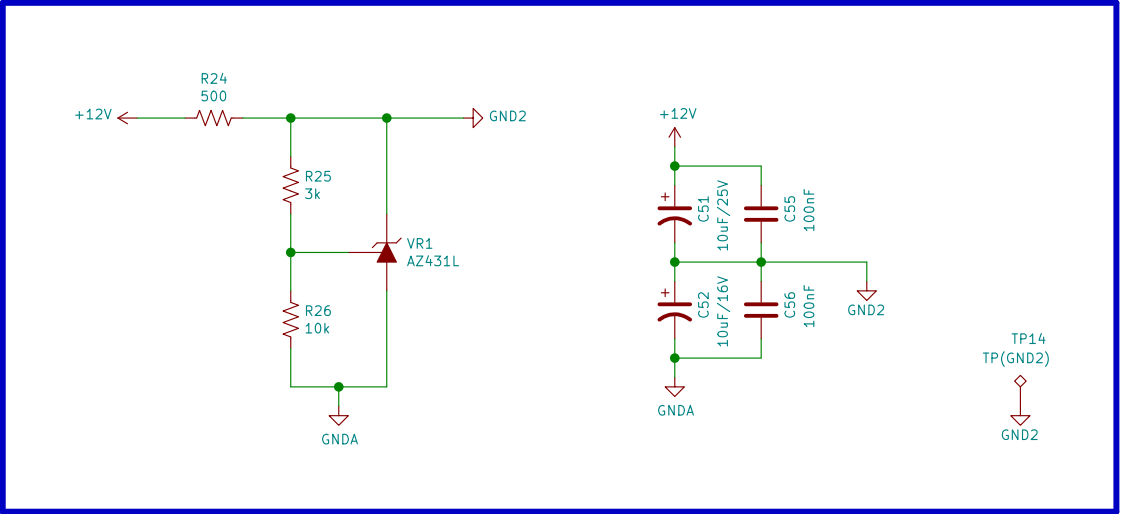
ADC_IN0 INPUT SELECTOR



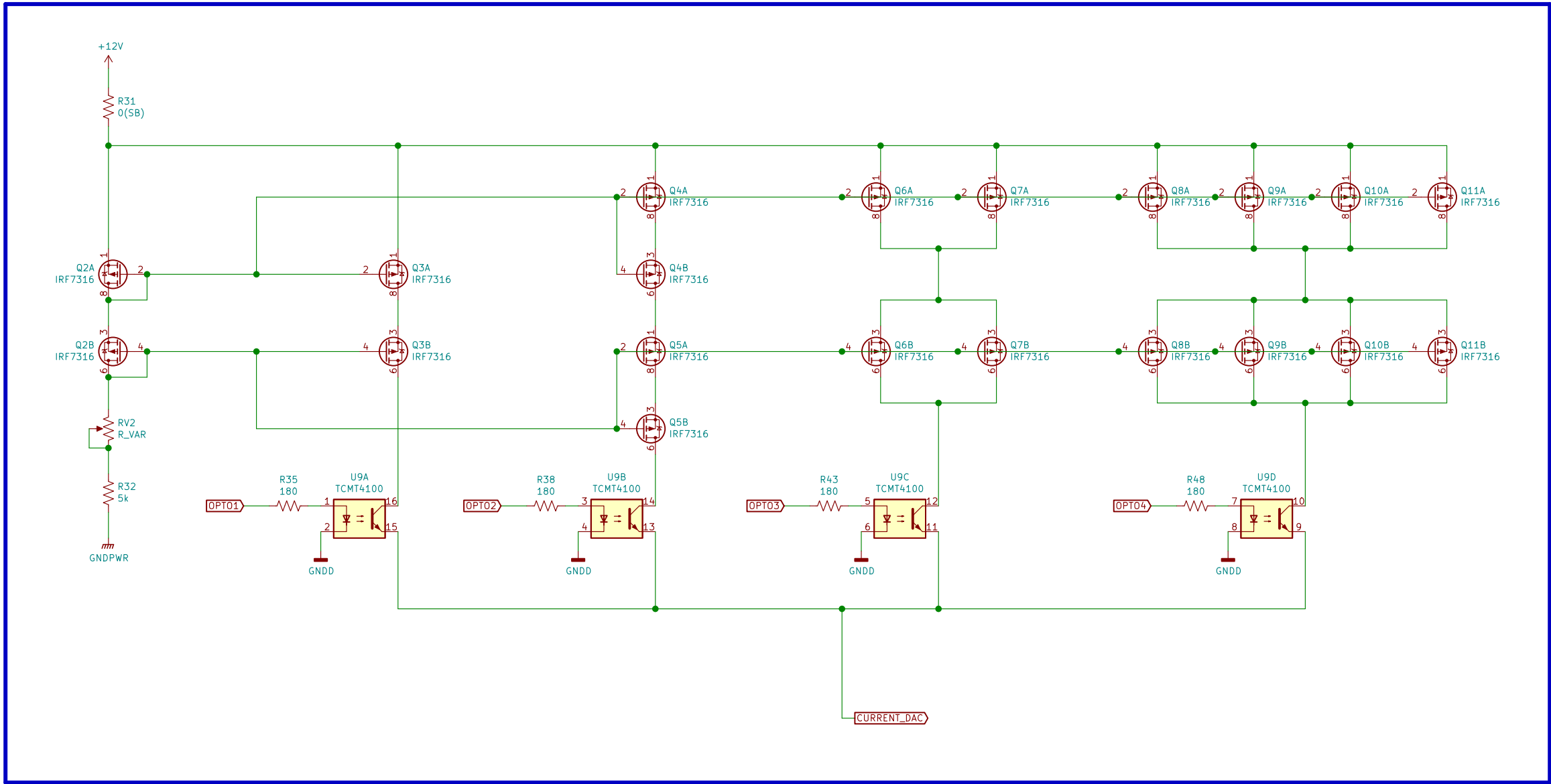
2th Order LPF with Unit DC Gain
Post Filter (fc = 40Hz)



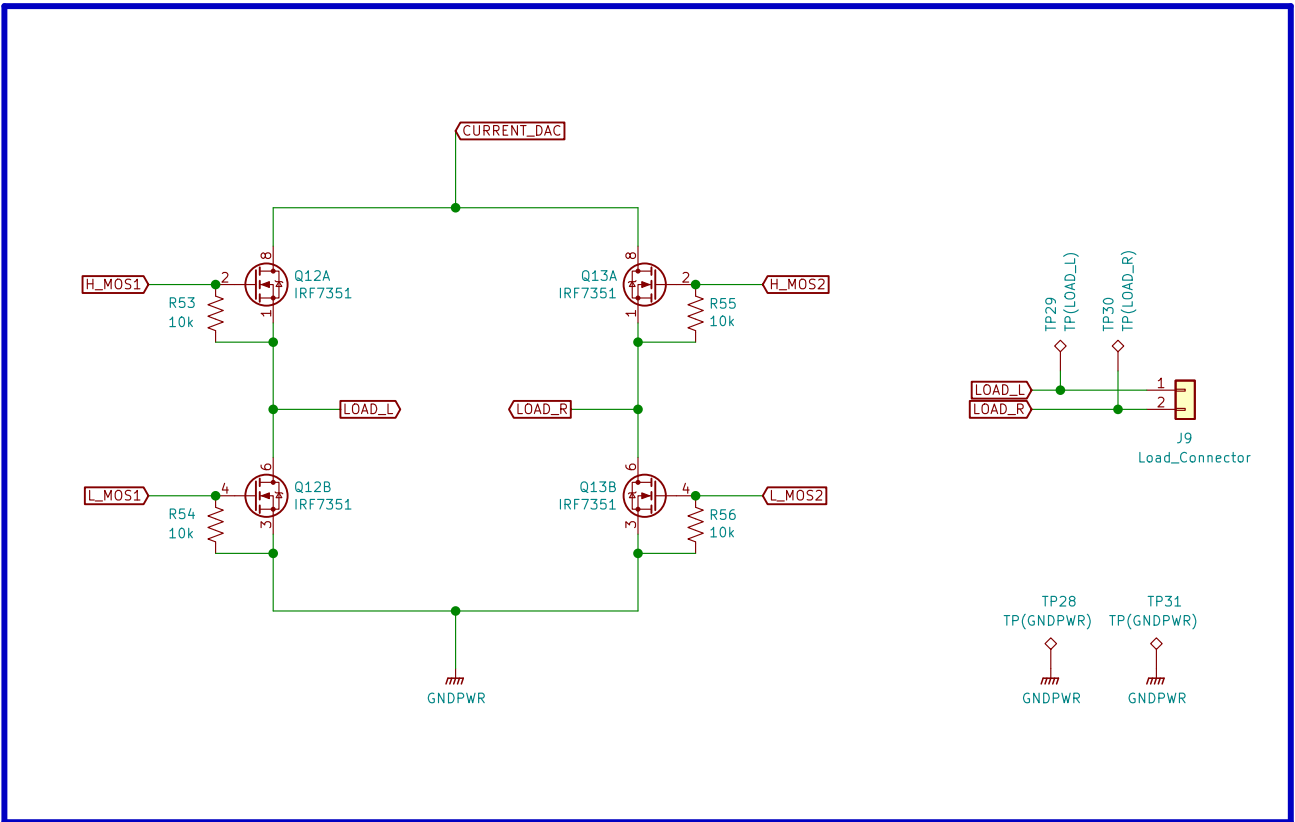
GND REFERENCE (GND1 : 6[V])



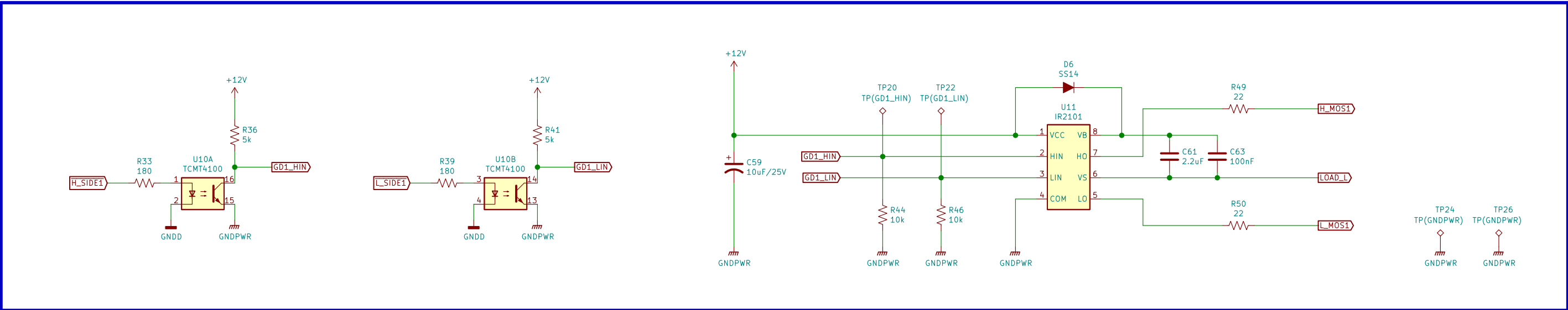
GND REFERENCE (GND2 : 1.65[V])



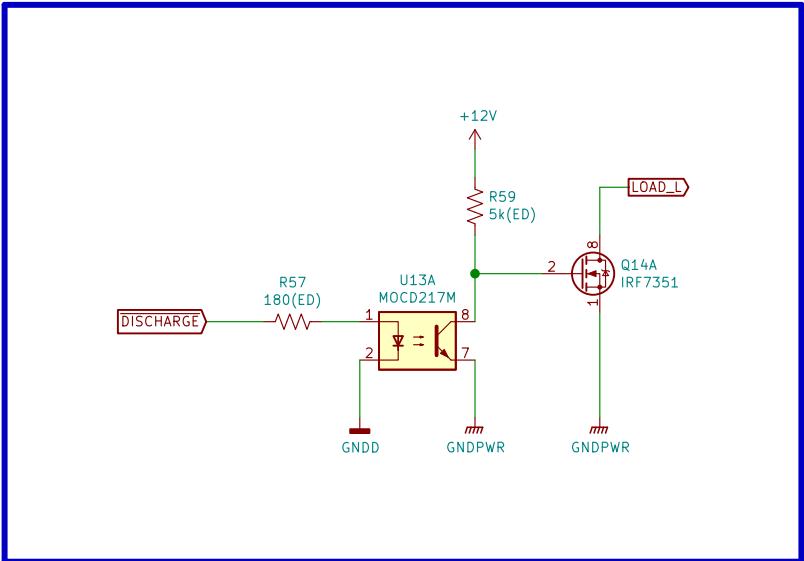
CURRENT STEERING DAC



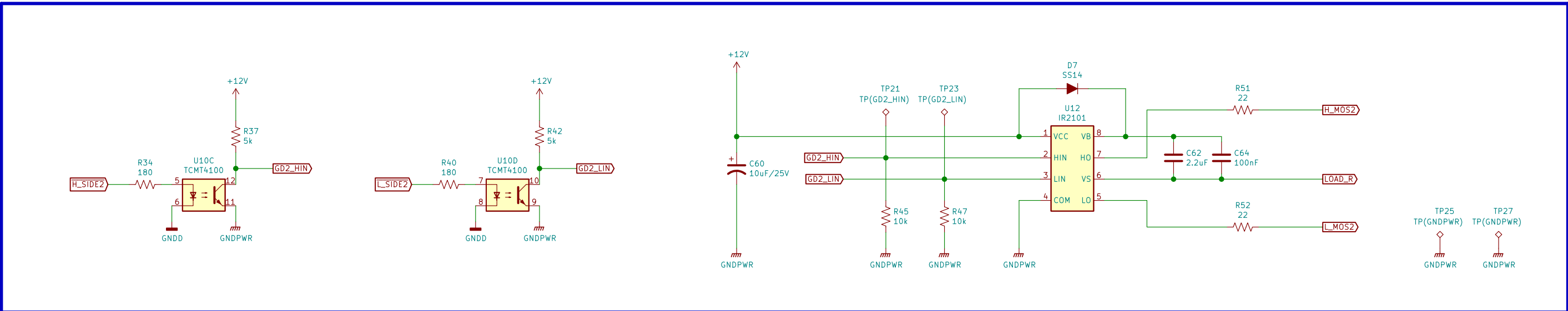
BI-PHASIC BIPOLAR CURRENT DRIVER



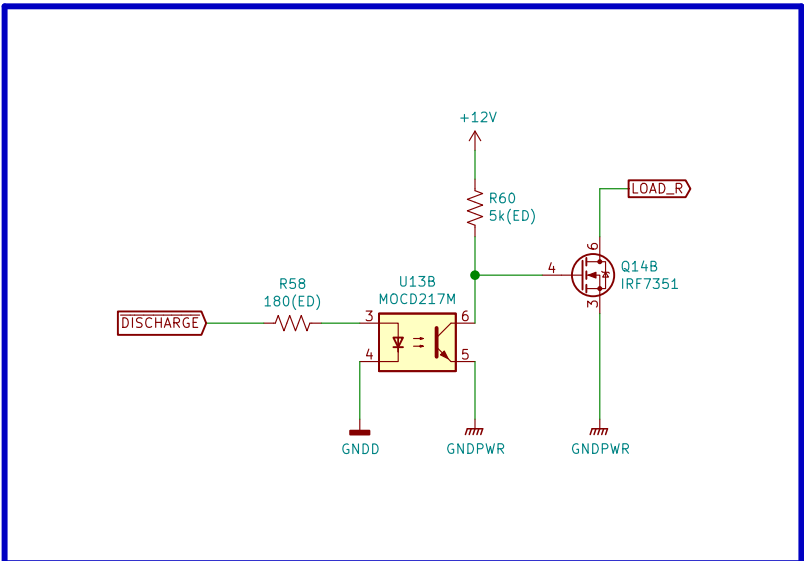
BIPOLAR PULSE SHAPING GATE DRIVER (LEFT)



PASSIVE DISCHARGE (LEFT)



BIPOLAR PULSE SHAPING GATE DRIVER (RIGHT)



PASSIVE DISCHARGE (RIGHT)

