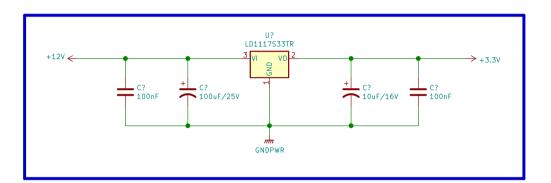
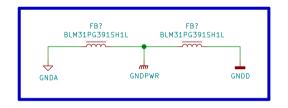


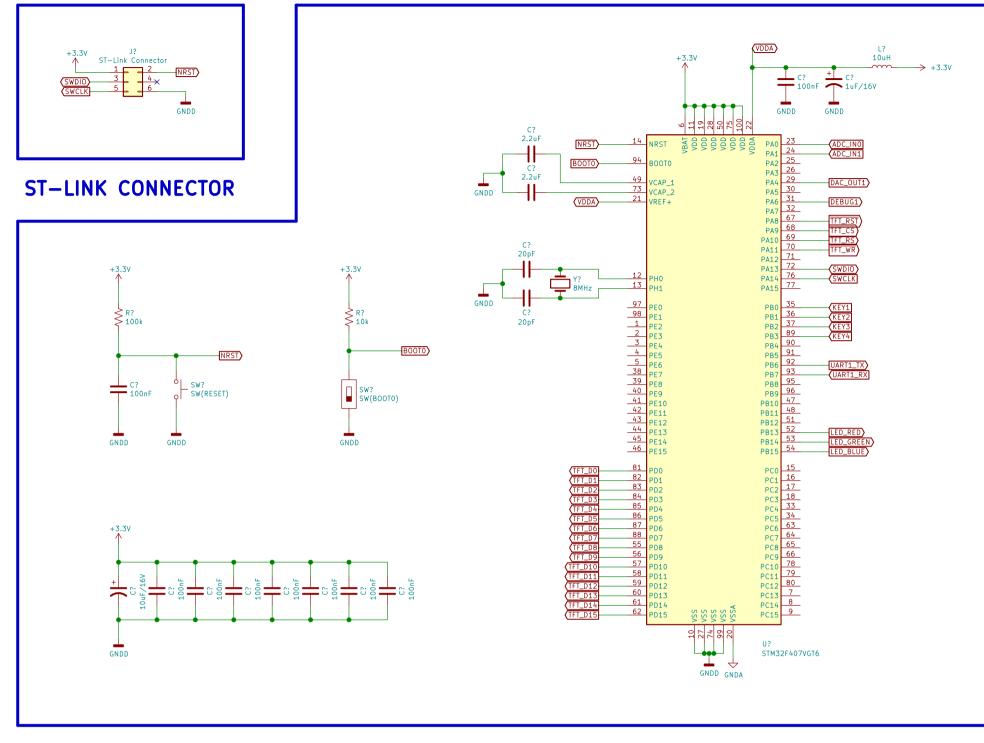
POWER CONNECTOR (+12V)



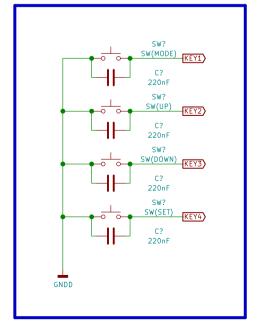
+12V to +3.3V REGULATOR

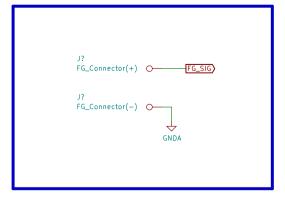


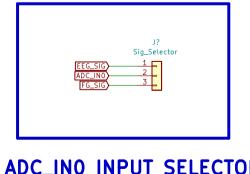
**GROUND** 



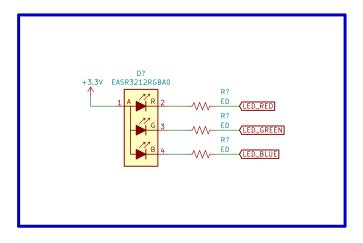
MCU (STM32F407VGT6)

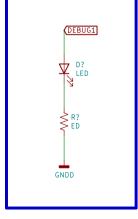






ADC\_INO INPUT SELECTOR





LED (STATUS)

LED (DEBUG)

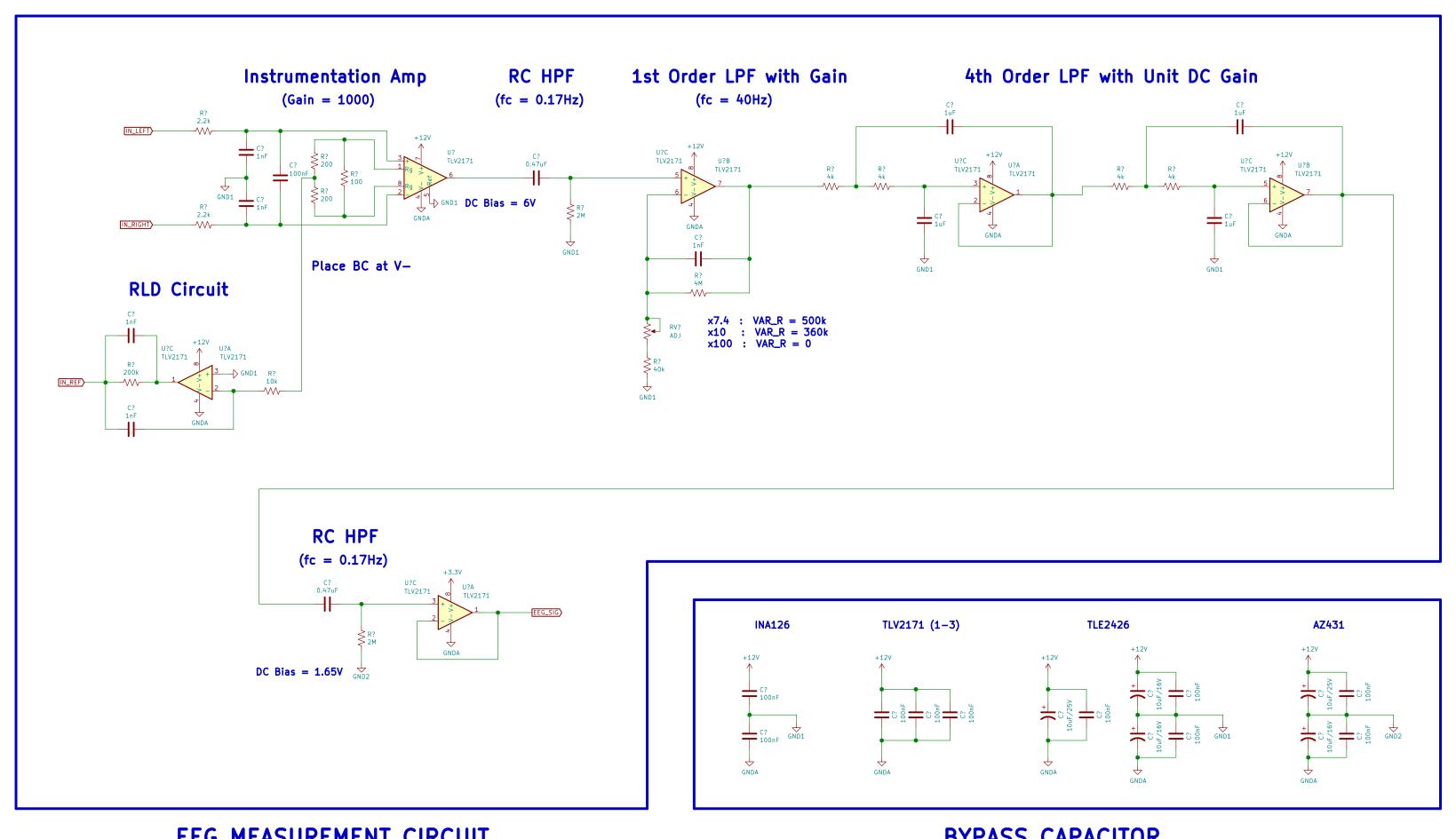
Designed by Ganghyeok Lim **Arkx** Sheet: / File: EEG\_Ver1.0A.sch Title: EEG Measurement & Brain Stimulation System (1/4)

Size: User Date: 2021-02-27 Rev: Ver1.0A

KiCad E.D.A. kicad (5.1.7)-1 Id: 1/4

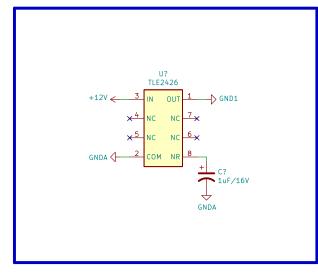
**KEY** 

FUNCTION GENERATOR OUTPUT SIGNAL

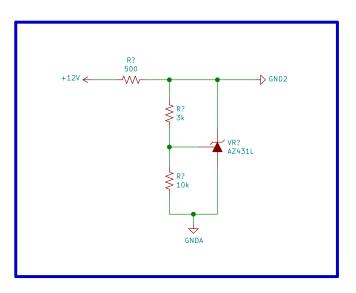


**EEG MEASUREMENT CIRCUIT** 

**BYPASS CAPACITOR** 



GND REFERENCE (GND1 : 6[V])



GND REFERENCE (GND2 : 1.65[V])

Sheet: /EEG Measurement & Stimulation System (2/4)/File: file603BAA17.sch Title: EEG Measurement & Brain Stimulation System (2/4) Size: User Date: 2021-02-28 KiCad E.D.A. kicad (5.1.7)-1

