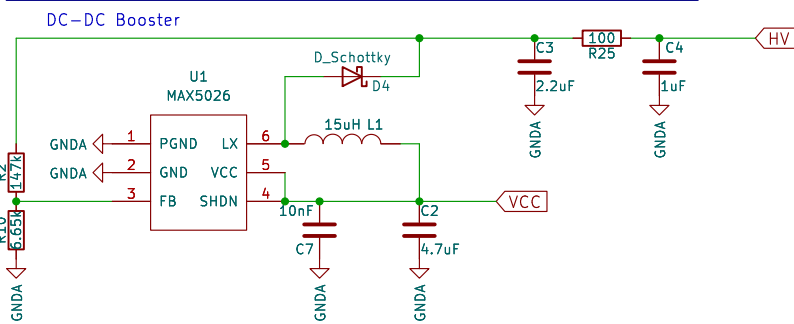


PS61041!! this is the one

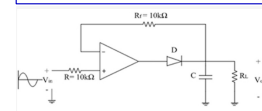
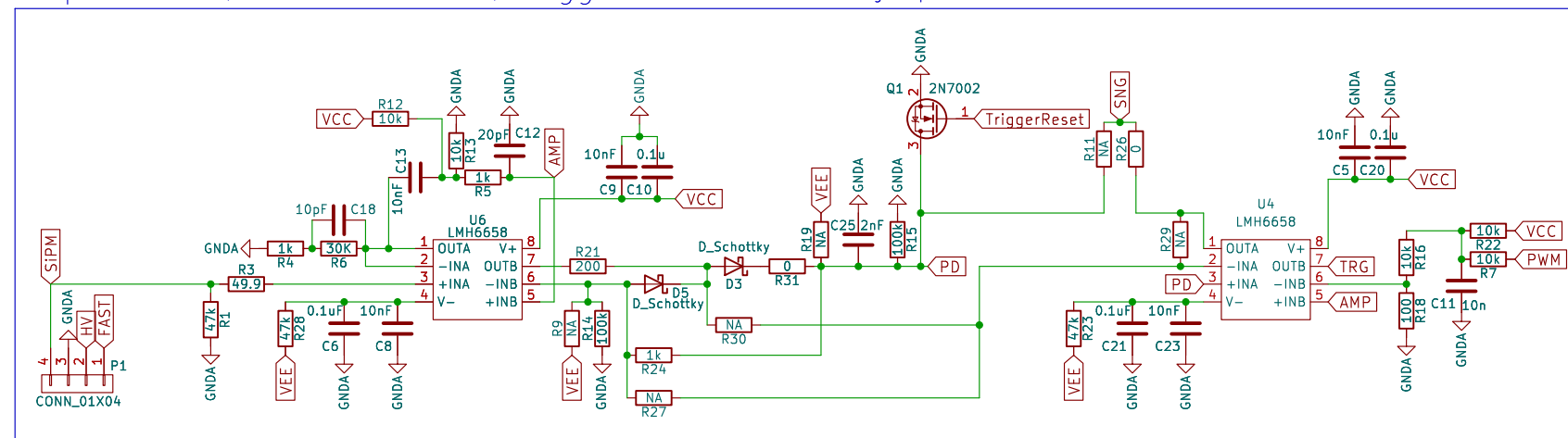
$$R1 = 182 \cdot \left(\frac{V_{OUT(MAX)}}{1.225} - 1 \right) \text{ k}\Omega$$

MainBoard 795mV

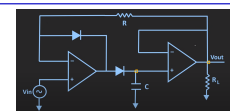


Amplification, Peak detection, Trigger

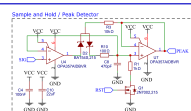
Current values showing V2 peak detector with LT1807



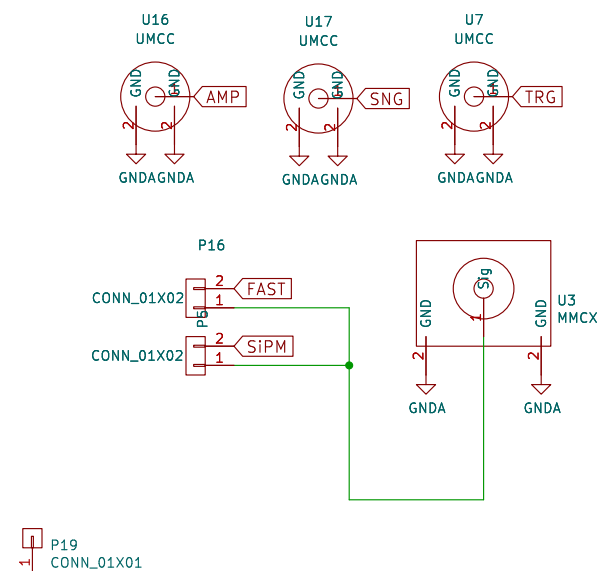
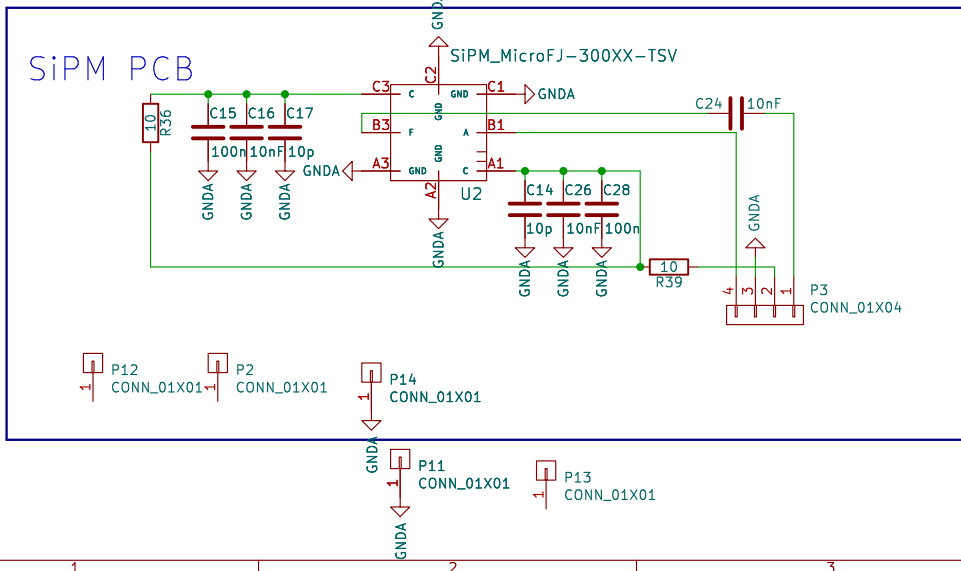
Basic
R9=NA
R14=NA
R15=100k
R19=NA
R21=short
R24=10k
R27=NA
R29=NA
R30=NA
R31=short
D5=NA



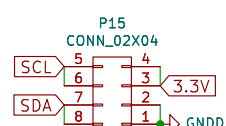
V2+buffer
R9=NA
R14=NA
R15=100k
R19=NA
R21=short
R24=NA
R27=10k
R29=short
R30=NA
R31=1k
D5=Schottky



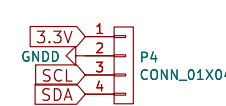
Phoenix
R9=NA
R14=NA
R15=100k
R19=NA
R21=Schottky
R24=short
R27=NA
R29=short
R30=10k
R31=1k
D5=NA



OLED readout



BMP280 pressure/temp sensor



MicroSD Card Socket

