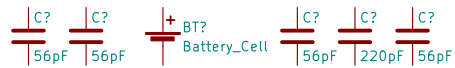
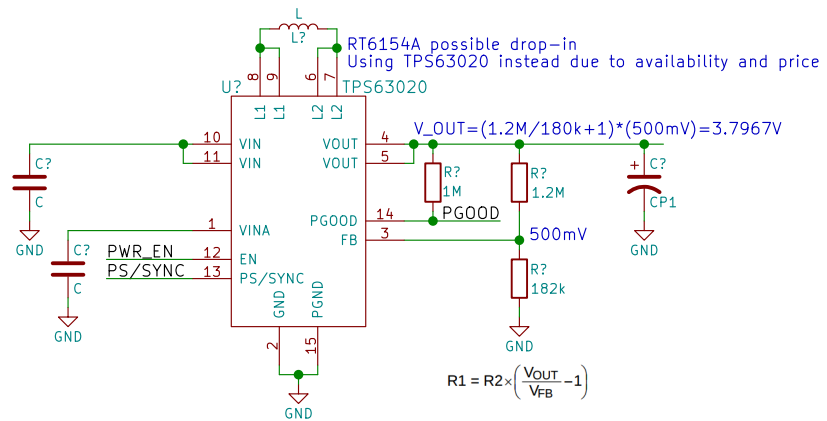




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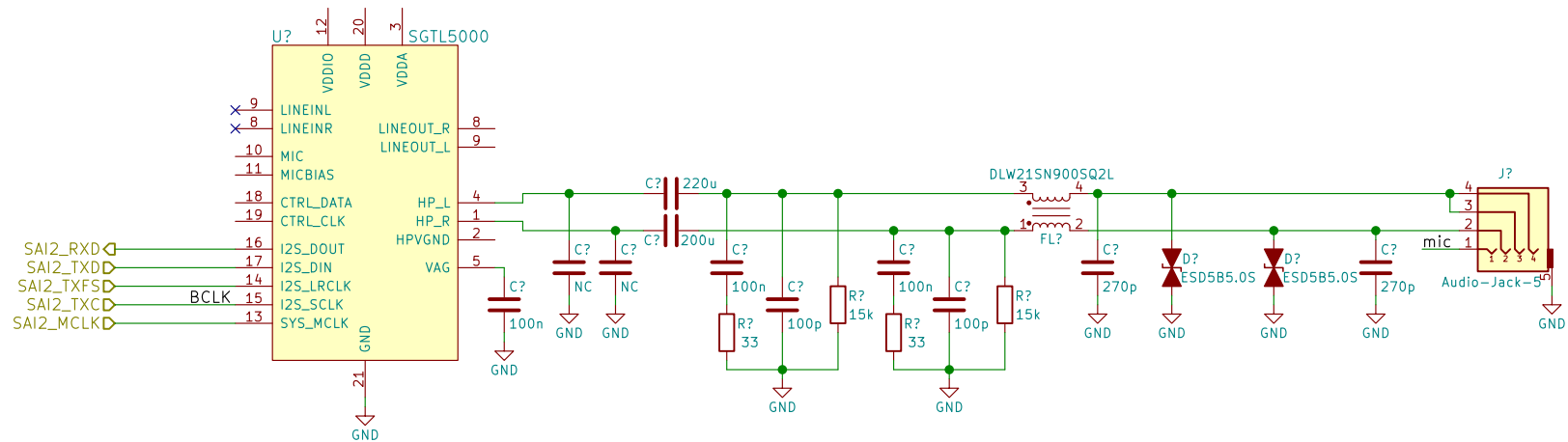


power button!



$V_{FB} = V_{REF} = 500mV$
"The typical value of the voltage at the FB pin is 500mV"
"It is recommended to keep the value for [R2] in the range of 200kΩ; lower than 500kΩ"
Their example application circuit uses 180k for R2, therefore:
 $R2 \approx 200k \pm 20k (\pm 10\%)$ or 180k-220k
Given this, $V_{OUT} \approx 3.8V$, $1.1188M \leq R1 \leq 1.452M$
The most common value in this range is 1.2M
Making $R2 \approx 181.818k$ or roughly 182k

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