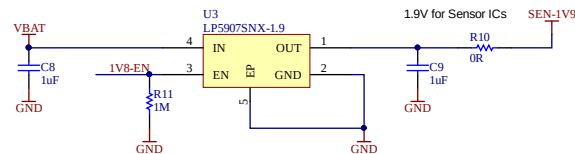


The device is powered from a 3V lithium battery.
 Max current consumption is 30mA for the whole device.
 When I enable the load connected to the 5V power supply I start hearing a buzzing noise. The noise is very low and I have to place the device very close to my ear to hear it.
 On the layout, I have Cin, Cout, and the inductor very close to the IC. I'm using ceramic capacitors.

VSEL[4..1] = 0010 for 2V
 DC/DC mode requires VDD(min)= 2.1V



Title: **Power Supply**

Engineer: **A. Albadri**

Number: *

Date: 4/8/2021

Revision: **A**

Sheet * of *

vitls
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