

Power

(3.0, 3.7, 4.2) V
+BATT

J1
PWR

2
1

+BATT

C1
10u

L1
1u

U3

3 VIN

2 EN

4 GND

5 SW

6 VOUT

1 FB

TPS61023DRLR

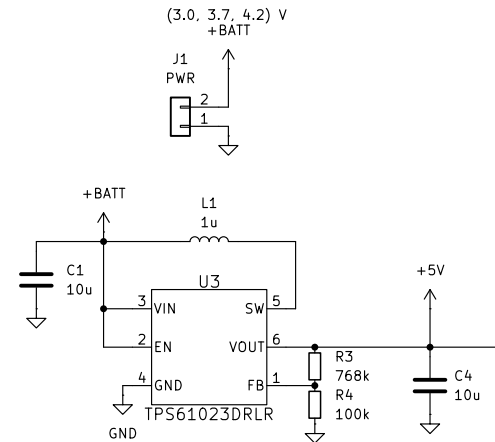
R3
768k

R4
100k

+5V

C4
10u

GND



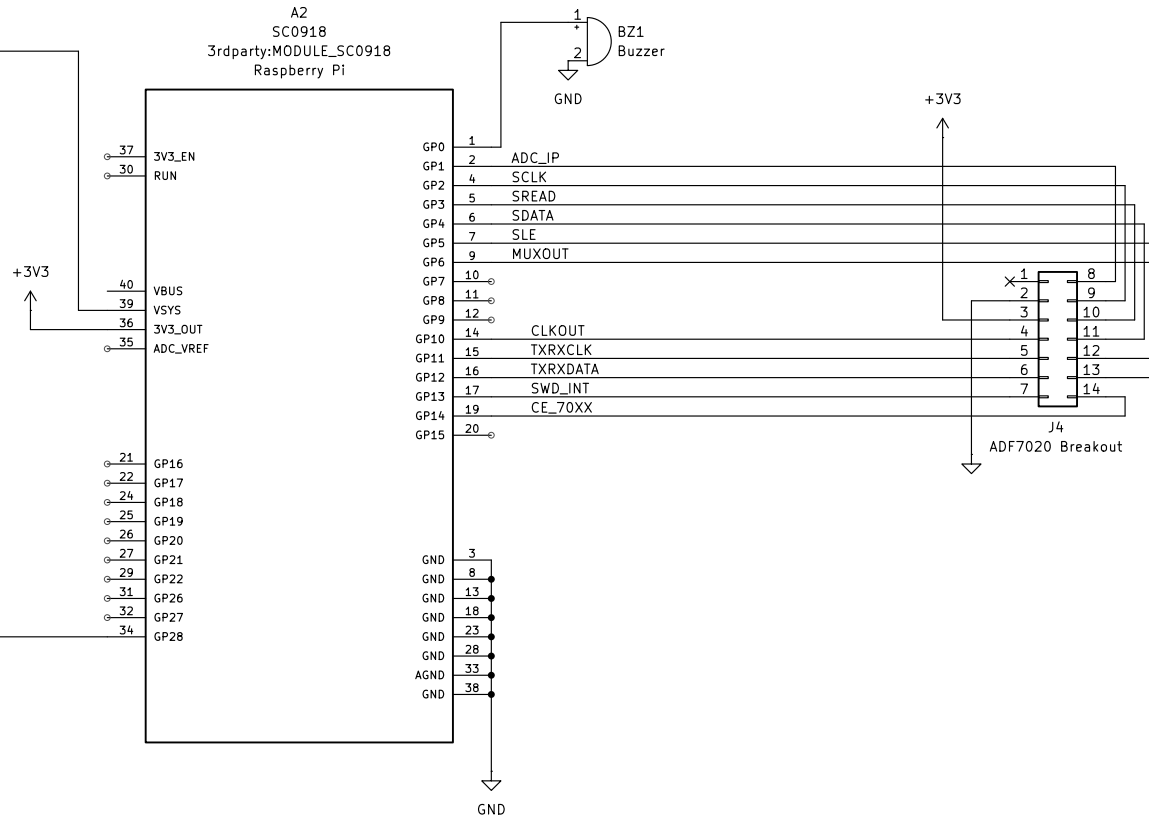
A2
SC0918
3rdparty:MODULE_SC0918
Raspberry Pi

37 3V3_EN
30 RUN
40 VBUS
39 VSY5
36 3V3_OUT
35 ADC_VREF
21 GP16
22 GP17
24 GP18
25 GP19
26 GP20
27 GP21
29 GP22
31 GP26
32 GP27
34 GP28

GP0 1
GP1 2 ADC_IP
GP2 4 SCLK
GP3 5 SREAD
GP4 6 SDATA
GP5 7 SLE
GP6 9 MUXOUT
GP7 10
GP8 11
GP9 12
GP10 14 CLKOUT
GP11 15 TXRXCLK
GP12 16 TXRXDATA
GP13 17 SWD_INT
GP14 19 CE_70XX
GP15 20
3 GND
8
13
18
23
28
33
38
GND

BZ1 Buzzer
GND

GND



this is an EVAL board
no external components are required