

# Power

(3.0, 3.7, 4.2) V  
+BATT

J1  
PWR

2  
1

+BATT

C1  
10u

L1  
1u

U3  
TPS61023DRLR

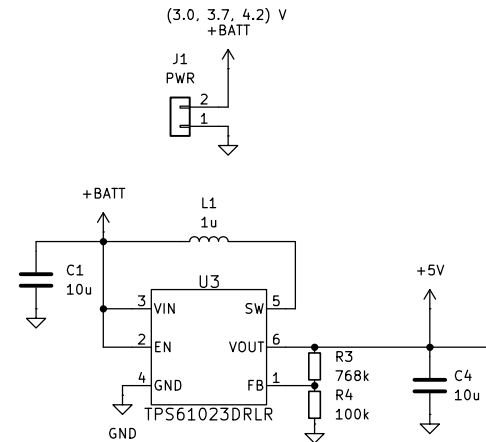
3 VIN  
2 EN  
4 GND  
5 SW  
6 VOUT  
1 FB

R3  
768k  
R4  
100k

+5V

C4  
10u

GND



A2  
SC0918  
3rdparty:MODULE\_SC0918  
Raspberry Pi

37 3V3\_EN  
30 RUN

40 VBUS  
39 VSYS  
36 3V3\_OUT  
35 ADC\_VREF

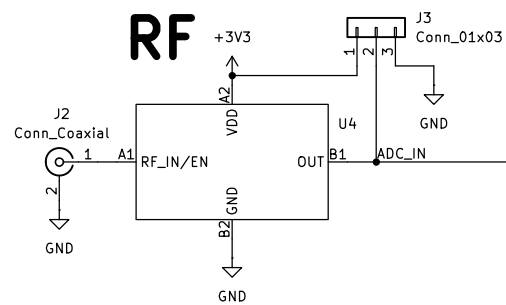
21 GP16  
22 GP17  
24 GP18  
25 GP19  
26 GP20  
27 GP21  
29 GP22  
31 GP26  
32 GP27  
34 GP28

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

GND 3  
GND 8  
GND 13  
GND 18  
GND 23  
GND 28  
GND 33  
AGND 38  
GND

1  
2  
BZ1 Buzzer  
GND

GND



this is an EVAL board  
no external components are required