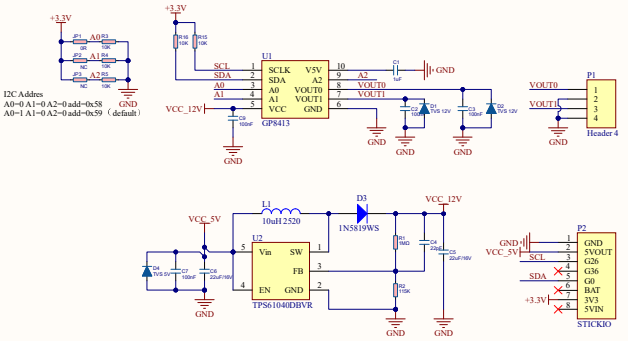

+3.3V
JP1 A0 R3 10K
GR
JP2 A1 R4 10K
NC
JP3 A2 R5 10K
NC
GND
I2C Addres
A0=0 A1=0 A2=0 add=0x58
A0=1 A1=0 A2=0 add=0x59 (default)
+3.3V
R16 10K
R15 10K
U1
SCL
SDA
A0
A1
VCC_12V
SCLK
SDA
A0
A1
VCC
V5V
A2
VOUT0
VOUT1
GND
GP8413
C9 100nF
GND
C1 1uF
GND
A2
VOUT0
VOUT1
C2 100nF
D1 TVS 12V
C3 100nF
D2 TVS 12V
GND
GND
GND
P1
VOUT0
VOUT1
1
2
3
4
Header 4
GND
L1
10uH 2520
D3
1N5819WS
VCC_12V
VCC_5V
U2
Vin
SW
FB
EN
GND
TPS61040DBVR
D4 TVS 5V
C7 100nF
C6 22uF/16V
GND
R1 1MΩ
C4 22pF
C5 22uF/16V
R2 115K
GND
GND
P2
GND
VCC_5V
SCL
SDA
+3.3V
GND
5VOUT
G26
G36
G0
BAT
3V3
5VIN
STICKIO