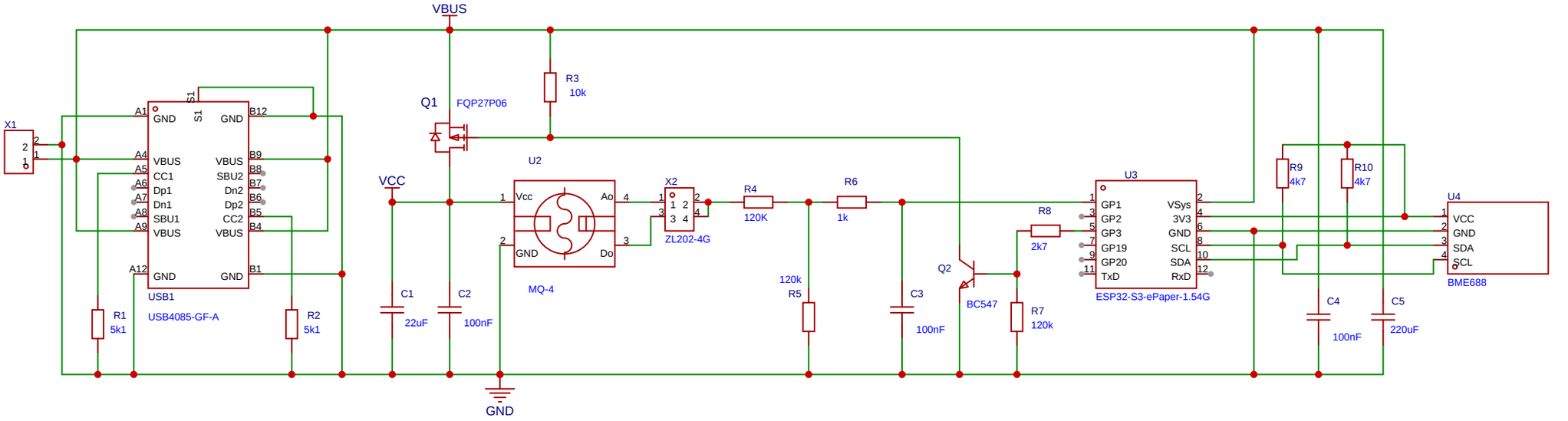

VBUS
X1
2
1
S1
A1
GND
S1
GND
B12
A4
VBUS
VBUS
B9
A5
CC1
SBU2
B8
A6
Dp1
Dn2
B7
A7
Dn1
Dp2
B6
A8
SBU1
CC2
B5
A9
VBUS
VBUS
B4
A12
GND
GND
B1
USB1
USB4085-GF-A
R1
5k1
R2
5k1
Q1
FQP27P06
R3
10k
VCC
C1
22uF
C2
100nF
U2
1
Vcc
Ao
4
2
GND
Do
3
MQ-4
X2
1
2
3
4
ZL202-4G
R4
120K
R6
1k
120k
R5
C3
100nF
Q2
BC547
R8
2k7
R7
120k
U3
GP1
GP2
GP3
GP19
GP20
TxD
VSys
3V3
GND
SCL
SDA
RxD
ESP32-S3-ePaper-1.54G
R9
4k7
R10
4k7
C4
100nF
C5
220uF
U4
VCC
GND
SDA
SCL
BME688
GND