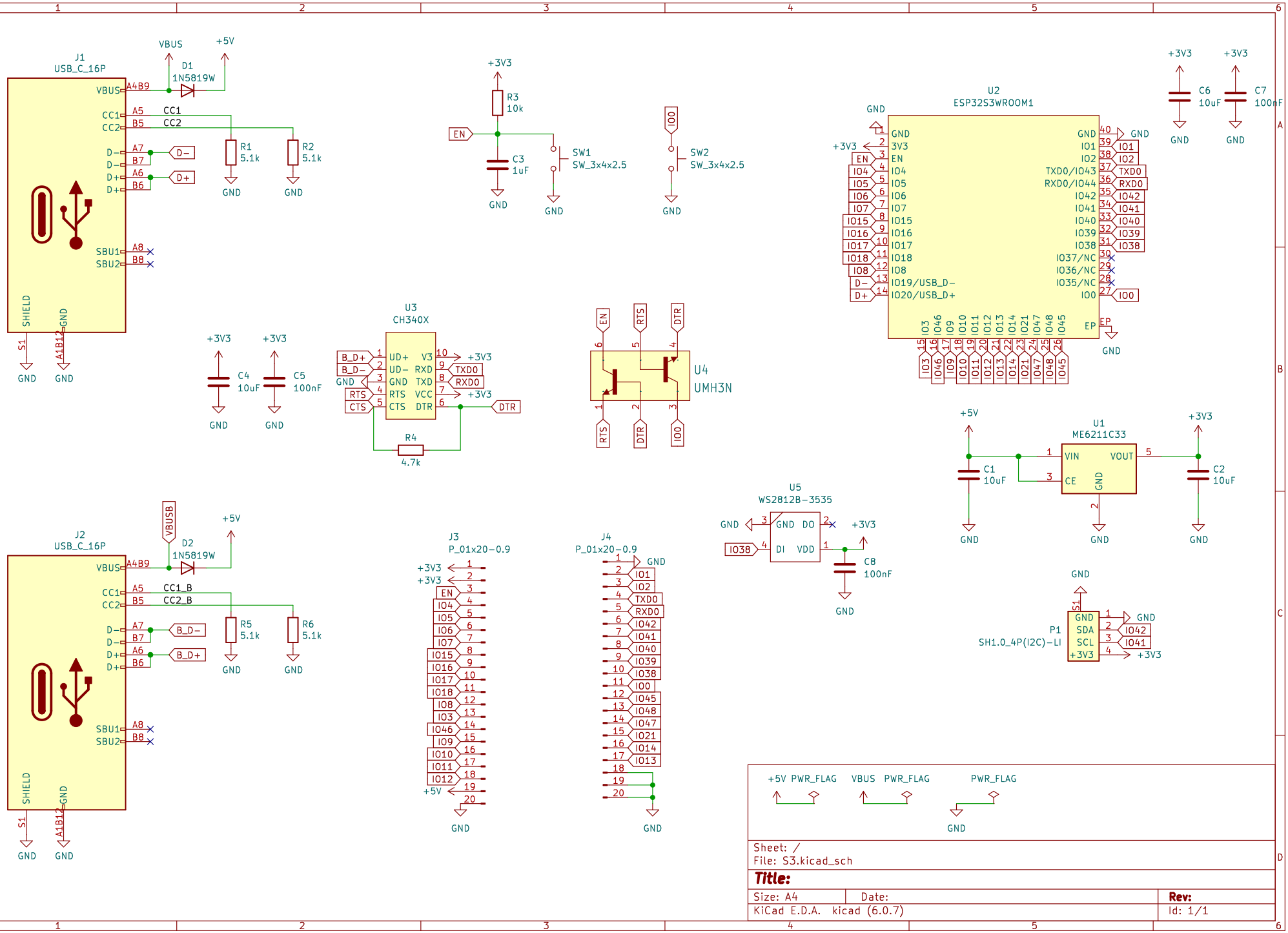
J1
USB_C_16P
VBUS
+5V
D1
1N5819W
CC1
CC2
D−
D+
R1
5.1k
R2
5.1k
GND
SBU1
SBU2
SHIELD
S1
A1B12
R3
10k
EN
C3
1uF
SW1
SW_3x4x2.5
IO0
SW2
SW_3x4x2.5
+3V3
C6
10uF
C7
100nF
U2
ESP32S3WROOM1
GND
3V3
EN
IO4
IO5
IO6
IO7
IO15
IO16
IO17
IO18
IO8
IO19/USB_D−
IO20/USB_D+
IO1
IO2
TXD0/IO43
RXD0/IO44
IO42
IO41
IO40
IO39
IO38
IO37/NC
IO36/NC
IO35/NC
IO0
EP
IO3
IO46
IO9
IO10
IO11
IO12
IO13
IO14
IO21
IO47
IO48
IO45
C4
10uF
C5
100nF
U3
CH340X
B_D+
B_D−
RTS
CTS
UD+
UD−
GND
TXD
VCC
V3
RXD
DTR
R4
4.7k
U4
UMH3N
U1
ME6211C33
VIN
VOUT
CE
C1
10uF
C2
10uF
J2
USB_C_16P
D2
1N5819W
VBUSB
CC1_B
CC2_B
B_D−
B_D+
R5
5.1k
R6
5.1k
J3
P_01x20−0.9
J4
P_01x20−0.9
U5
WS2812B−3535
DO
DI
VDD
C8
100nF
P1
SH1.0_4P(I2C)−LI
SDA
SCL
PWR_FLAG
Sheet: /
File: S3.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (6.0.7)
Id: 1/1