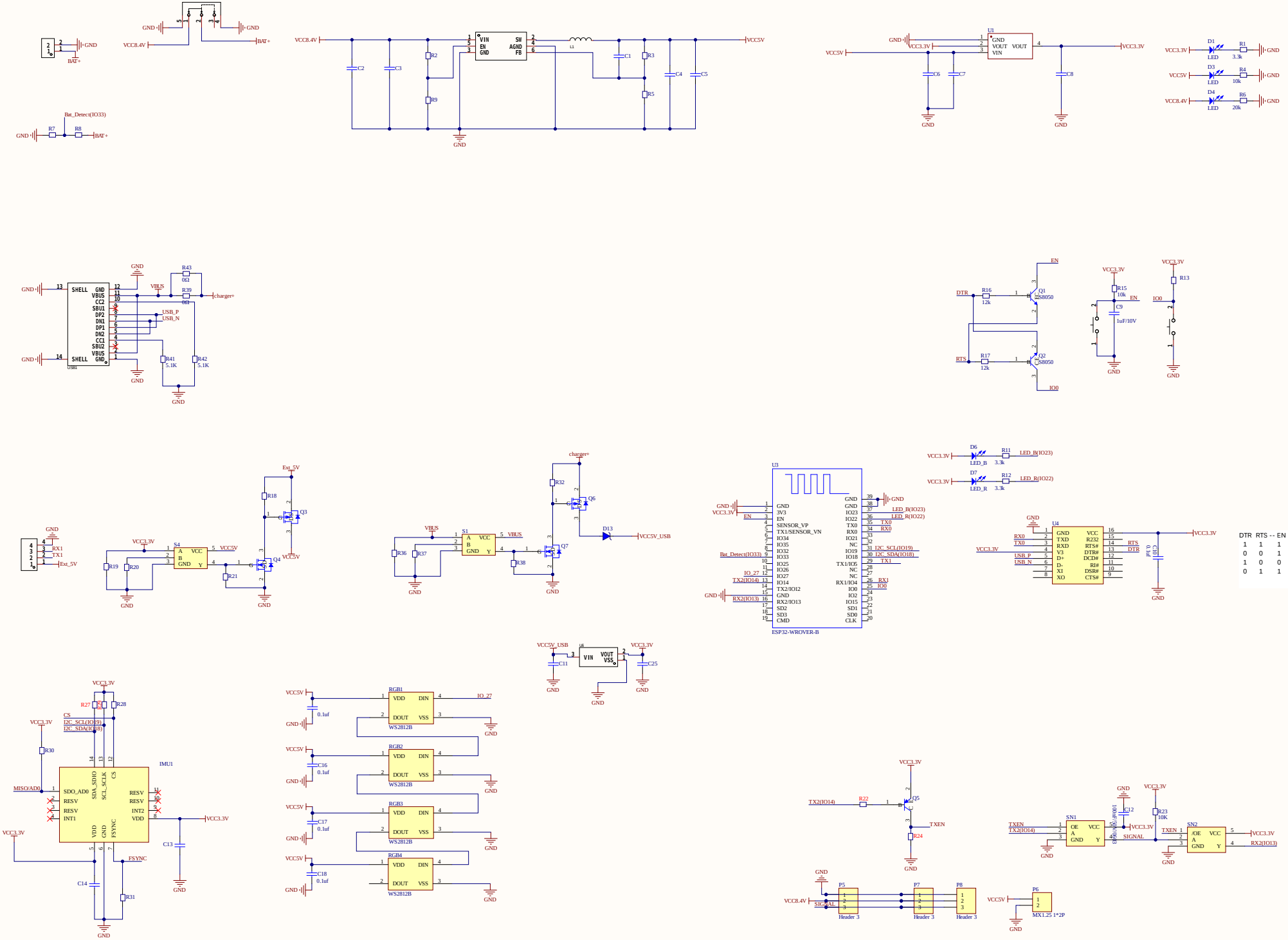
VIN
EN
GND
SW
AGND
FB
VCC8.4V
VCC5V
VCC3.3V
GND
BAT+
Bat_Detect(IO33)
U1
VOUT
LED
charger+
VBUS
USB_P
USB_N
SHELL
DTR
RTS
EN
IO0
Q1
Q2
S8050
Ext_5V
RX1
TX1
S4
S1
Q3
Q4
Q6
Q7
D13
VCC5V_USB
U3
ESP32-WROVER-B
I2C_SCL(IO19)
I2C_SDA(IO18)
LED_B(IO23)
LED_R(IO22)
U4
CP2102
DTR RTS -- EN IO0
1 1 1 1
0 0 1 1
1 0 0 1
0 1 1 0
U6
VIN
VOUT
VSS
IMU1
MISO/AD0
SDO_AD0
SDA_SDIO
SCL_SCLK
CS
RESV
INT1
INT2
VDD
FSYNC
RGB1
RGB2
RGB3
RGB4
WS2812B
VDD
DIN
DOUT
VSS
IO_27
TX2(IO14)
RX2(IO13)
TXEN
SN1
SN2
SIGNAL
P5
P7
P8
P6
Header 3
MX1.25 1*2P