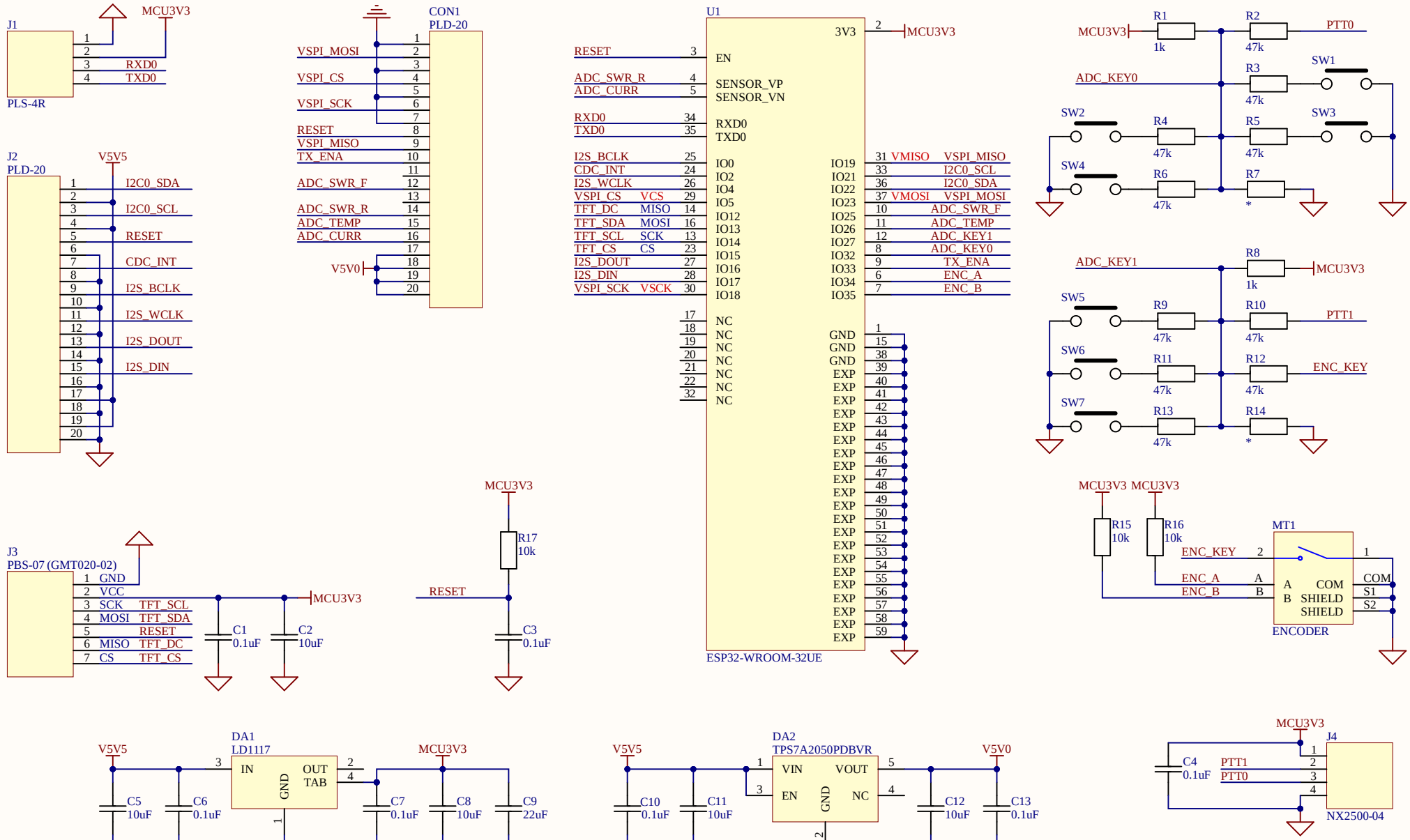
J1
PLS-4R
MCU3V3
RXD0
TXD0
J2
PLD-20
V5V5
I2C0_SDA
I2C0_SCL
RESET
CDC_INT
I2S_BCLK
I2S_WCLK
I2S_DOUT
I2S_DIN
CON1
PLD-20
VSPI_MOSI
VSPI_CS
VSPI_SCK
RESET
VSPI_MISO
TX_ENA
ADC_SWR_F
ADC_SWR_R
ADC_TEMP
ADC_CURR
V5V0
U1
ESP32-WROOM-32UE
3V3
EN
SENSOR_VP
SENSOR_VN
RXD0
TXD0
IO0
IO2
IO4
IO5
IO12
IO13
IO14
IO15
IO16
IO17
IO18
IO19
IO21
IO22
IO23
IO25
IO26
IO27
IO32
IO33
IO34
IO35
NC
GND
EXP
VMISO
VMOSI
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
1k
47k
*
PTT0
PTT1
ENC_KEY
SW1
SW2
SW3
SW4
SW5
SW6
SW7
J3
PBS-07 (GMT020-02)
GND
VCC
SCK
MOSI
RESET
MISO
CS
TFT_SCL
TFT_SDA
TFT_DC
TFT_CS
C1
0.1uF
C2
10uF
R17
10k
C3
0.1uF
R15
10k
R16
10k
MT1
ENCODER
ENC_A
ENC_B
COM
S1
S2
SHIELD
DA1
LD1117
IN
OUT
TAB
GND
C5
10uF
C6
0.1uF
C7
0.1uF
C8
10uF
C9
22uF
DA2
TPS7A2050PDBVR
VIN
VOUT
EN
NC
C10
0.1uF
C11
10uF
C12
10uF
C13
0.1uF
C4
0.1uF
J4
NX2500-04