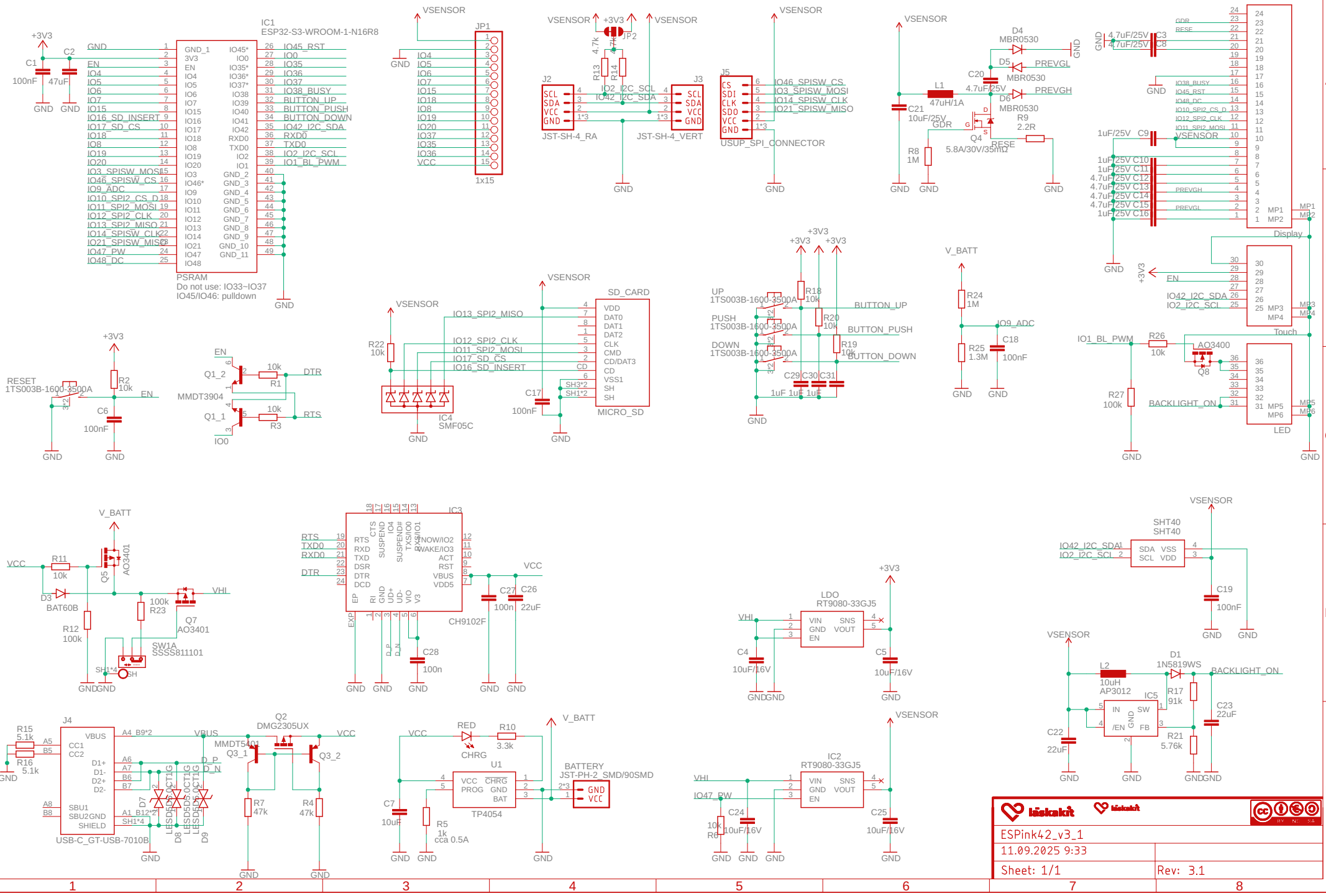

IC1
ESP32-S3-WROOM-1-N16R8
PSRAM
Do not use: IO33–IO37
IO45/IO46: pulldown
JP1
1x15
JP2
J2
JST-SH-4_RA
J3
JST-SH-4_VERT
J5
USUP_SPI_CONNECTOR
L1
47uH/1A
Q4
5.8A/30V/35mΩ
D4
MBR0530
D5
MBR0530
D6
MBR0530
PREVGL
PREVGH
RESE
GDR
Display
Touch
LED
SD_CARD
MICRO_SD
IC4
SMF05C
UP
PUSH
DOWN
1TS003B-1600-3500A
BUTTON_UP
BUTTON_PUSH
BUTTON_DOWN
RESET
1TS003B-1600-3500A
MMDT3904
Q1_2
Q1_1
DTR
RTS
IO0
V_BATT
IO9_ADC
Q5
AO3401
Q7
AO3401
D3
BAT60B
SW1A
SSSS811101
IC3
CH9102F
Q2
DMG2305UX
MMDT5401
Q3_1
Q3_2
J4
USB-C_GT-USB-7010B
LESD5D5.0CT1G
IC2
RT9080-33GJ5
LDO
RT9080-33GJ5
SHT40
SHT40
U1
TP4054
BATTERY
JST-PH-2_SMD/90SMD
CHRG
IC5
AP3012
L2
10uH
D1
1N5819WS
AO3400
Q8
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Sheet: 1/1
Rev: 3.1