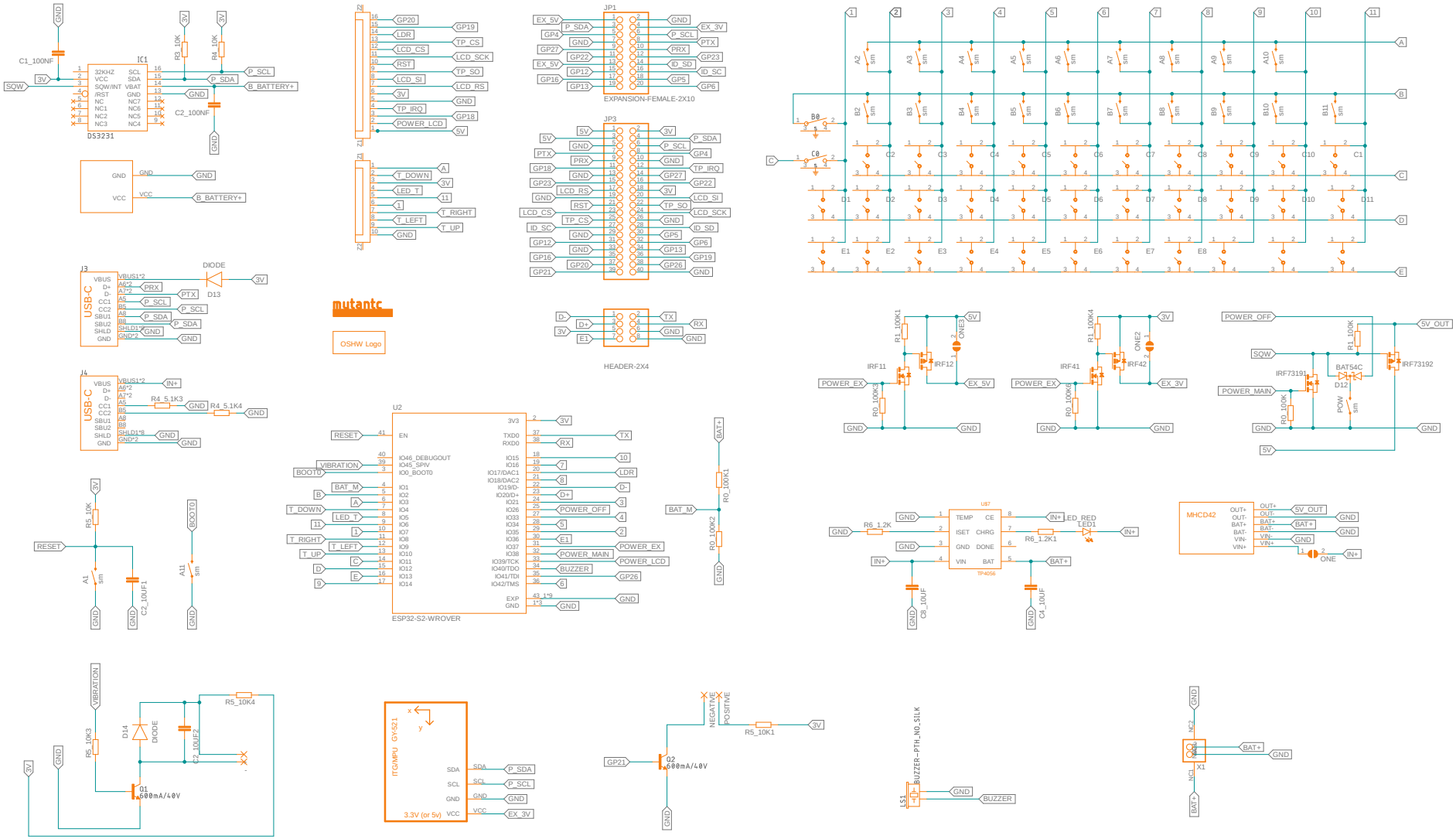

IC1
DS3231
C1_100NF
C2_100NF
R3_10K
R4_10K
P_SCL
P_SDA
B_BATTERY+
GND
VCC
J1
J2
J3
J4
USB-C
DIODE
D13
PRX
PTX
IN+
R4_5.1K3
R4_5.1K4
mutantc
OSHW Logo
JP1
JP3
EXPANSION-FEMALE-2X10
HEADER-2X4
U2
ESP32-S2-WROVER
RESET
VIBRATION
BOOT0
BAT_M
T_DOWN
LED_T
T_RIGHT
T_LEFT
T_UP
POWER_LCD
POWER_OFF
POWER_MAIN
BUZZER
R5_10K
A1
C2_10UF1
A11
BAT+
R0_100K1
R0_100K2
IRF11
IRF12
IRF41
IRF42
IRF73191
IRF73192
BAT54C
D12
POWER_EX
EX_5V
EX_3V
R1_100K1
R1_100K4
R0_100K3
R0_100K6
R1_100K
5V_OUT
U87
TP4056
R6_1.2K
R6_1.2K1
LED_RED
LED1
C8_10UF
C4_10UF
MHCD42
ONE
R5_10K4
R5_10K3
D14
C2_10UF2
Q1
600mA/40V
ITG/MPU GY521
3.3V (or 5v)
NEGATIVE
POSITIVE
R5_10K1
Q2
600mA/40V
BUZZER-PTH_NO_SILK
LS1
X1
NC1
NC2