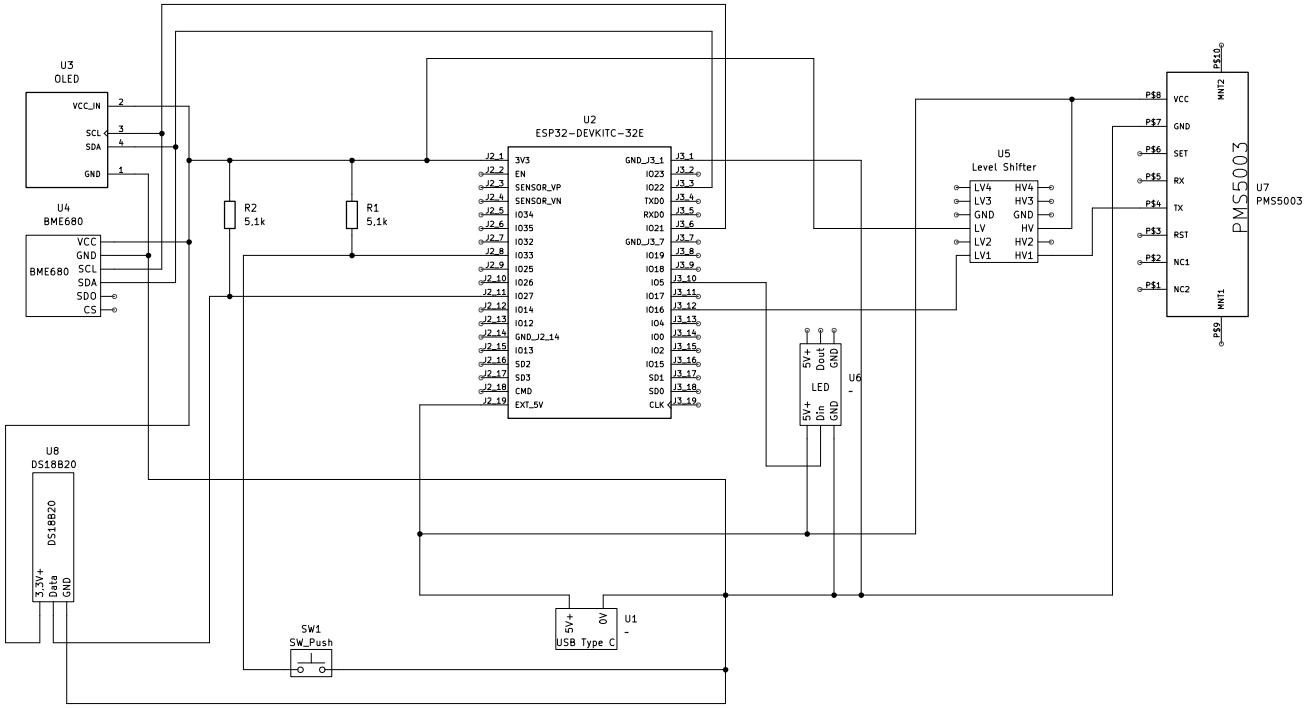
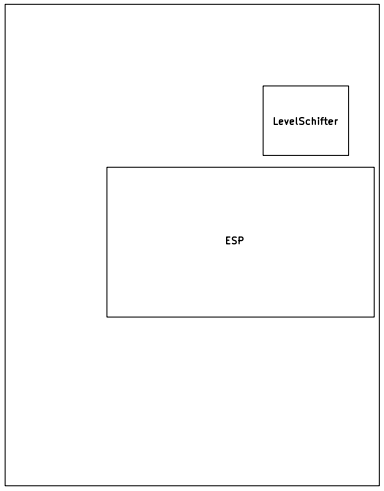
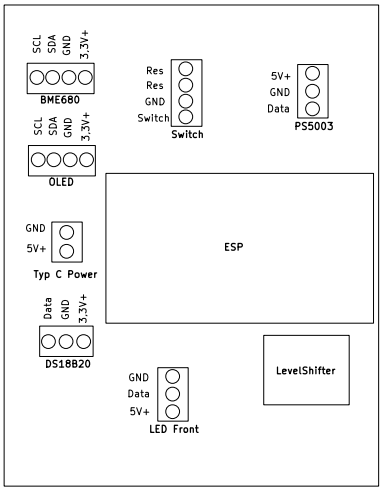

U3
OLED
VCC_IN
SCL
SDA
GND
U4
BME680
VCC
GND
SCL
SDA
SDO
CS
R2
5,1k
R1
5,1k
U2
ESP32-DEVKITC-32E
3V3
EN
SENSOR_VP
SENSOR_VN
IO34
IO35
IO32
IO33
IO25
IO26
IO27
IO14
IO12
GND_J2_14
IO13
SD2
SD3
CMD
EXT_5V
GND_J3_1
IO23
IO22
TXD0
RXD0
IO21
GND_J3_7
IO19
IO18
IO5
IO17
IO16
IO4
IO0
IO2
IO15
SD1
SD0
CLK
U5
Level Shifter
LV4
LV3
GND
LV
LV2
LV1
HV4
HV3
GND
HV
HV2
HV1
U6
LED
5V+
Dout
GND
5V+
Din
GND
U7
PMS5003
VCC
GND
SET
RX
TX
RST
NC1
NC2
MNT2
MNT1
U8
DS18B20
3.3V+
Data
GND
SW1
SW_Push
U1
USB Type C
5V+
0V

Front


LevelSchifter
ESP

Back


SCL
SDA
GND
3.3V+
BME680
SCL
SDA
GND
3.3V+
OLED
GND
5V+
Typ C Power
Data
GND
3.3V+
DS18B20
Res
Res
GND
Switch
Switch
5V+
GND
Data
PS5003
ESP
GND
Data
5V+
LED Front
LevelShifter