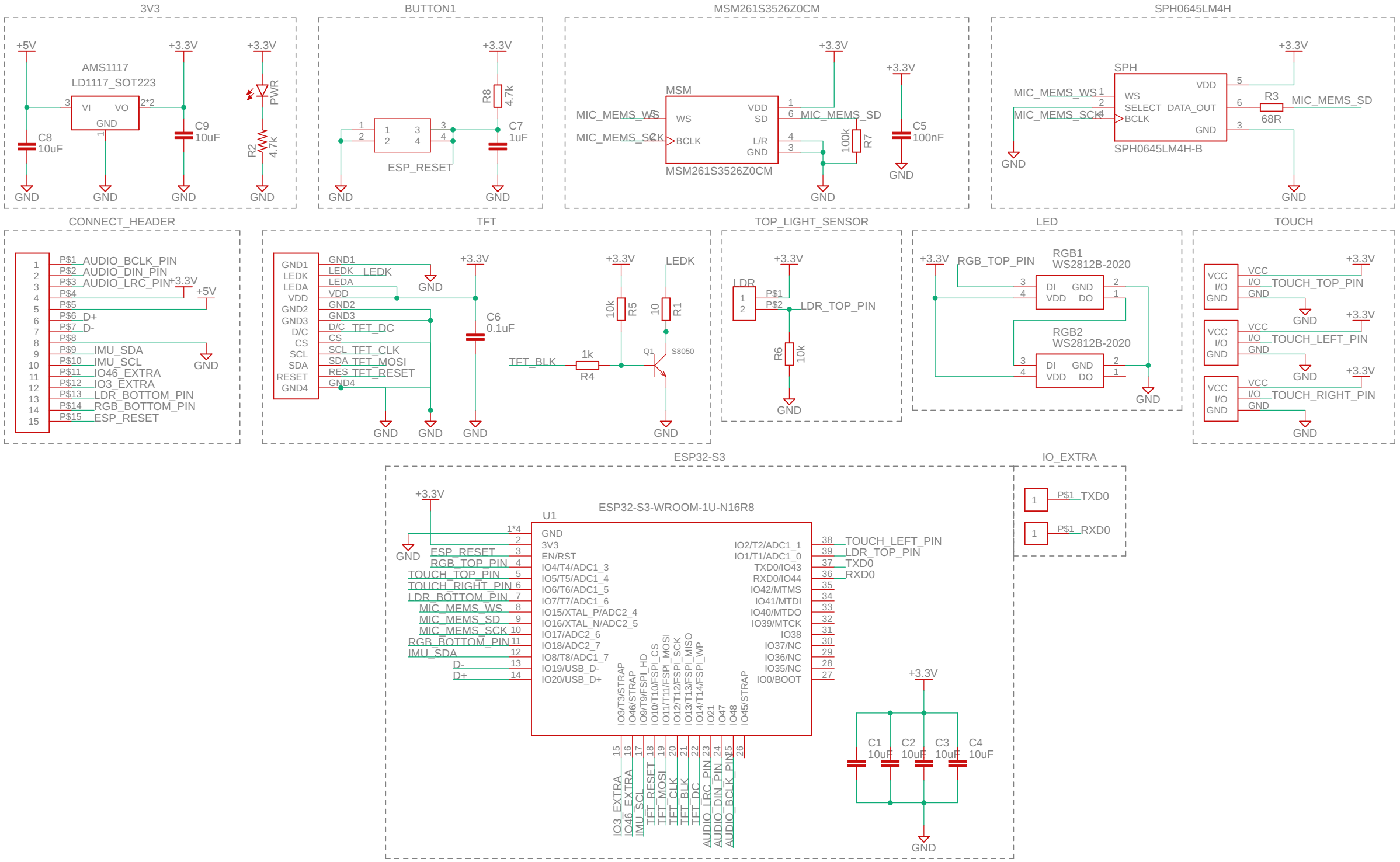

3V3
+5V
AMS1117
LD1117_SOT223
VI
VO
GND
2*2
C8
10uF
C9
10uF
+3.3V
PWR
R2
4.7k
BUTTON1
R8
4.7k
C7
1uF
ESP_RESET
MSM261S3526Z0CM
MSM
MIC_MEMS_WS
MIC_MEMS_SCK
WS
BCLK
VDD
SD
L/R
MIC_MEMS_SD
100k
R7
C5
100nF
SPH0645LM4H
SPH
SELECT
DATA_OUT
SPH0645LM4H-B
R3
68R
CONNECT_HEADER
P$1 AUDIO_BCLK_PIN
P$2 AUDIO_DIN_PIN
P$3 AUDIO_LRC_PIN
P$4
P$5
P$6 D+
P$7 D-
P$8
P$9 IMU_SDA
P$10 IMU_SCL
P$11 IO46_EXTRA
P$12 IO3_EXTRA
P$13 LDR_BOTTOM_PIN
P$14 RGB_BOTTOM_PIN
P$15 ESP_RESET
TFT
GND1
LEDK
LEDA
VDD
GND2
GND3
D/C
CS
SCL
SDA
RESET
GND4
TFT_DC
TFT_CLK
TFT_MOSI
TFT_RESET
C6
0.1uF
TFT_BLK
1k
R4
10k
R5
10
R1
Q1
S8050
TOP_LIGHT_SENSOR
LDR
P$1
P$2
LDR_TOP_PIN
R6
10k
LED
RGB_TOP_PIN
RGB1
WS2812B-2020
RGB2
WS2812B-2020
DI
DO
TOUCH
VCC
I/O
TOUCH_TOP_PIN
TOUCH_LEFT_PIN
TOUCH_RIGHT_PIN
ESP32-S3
U1
ESP32-S3-WROOM-1U-N16R8
GND
3V3
EN/RST
IO4/T4/ADC1_3
IO5/T5/ADC1_4
IO6/T6/ADC1_5
IO7/T7/ADC1_6
IO15/XTAL_P/ADC2_4
IO16/XTAL_N/ADC2_5
IO17/ADC2_6
IO18/ADC2_7
IO8/T8/ADC1_7
IO19/USB_D-
IO20/USB_D+
IO2/T2/ADC1_1
IO1/T1/ADC1_0
TXD0/IO43
RXD0/IO44
IO42/MTMS
IO41/MTDI
IO40/MTDO
IO39/MTCK
IO38
IO37/NC
IO36/NC
IO35/NC
IO0/BOOT
IO_EXTRA
TXD0
RXD0
C1
10uF
C2
10uF
C3
10uF
C4
10uF