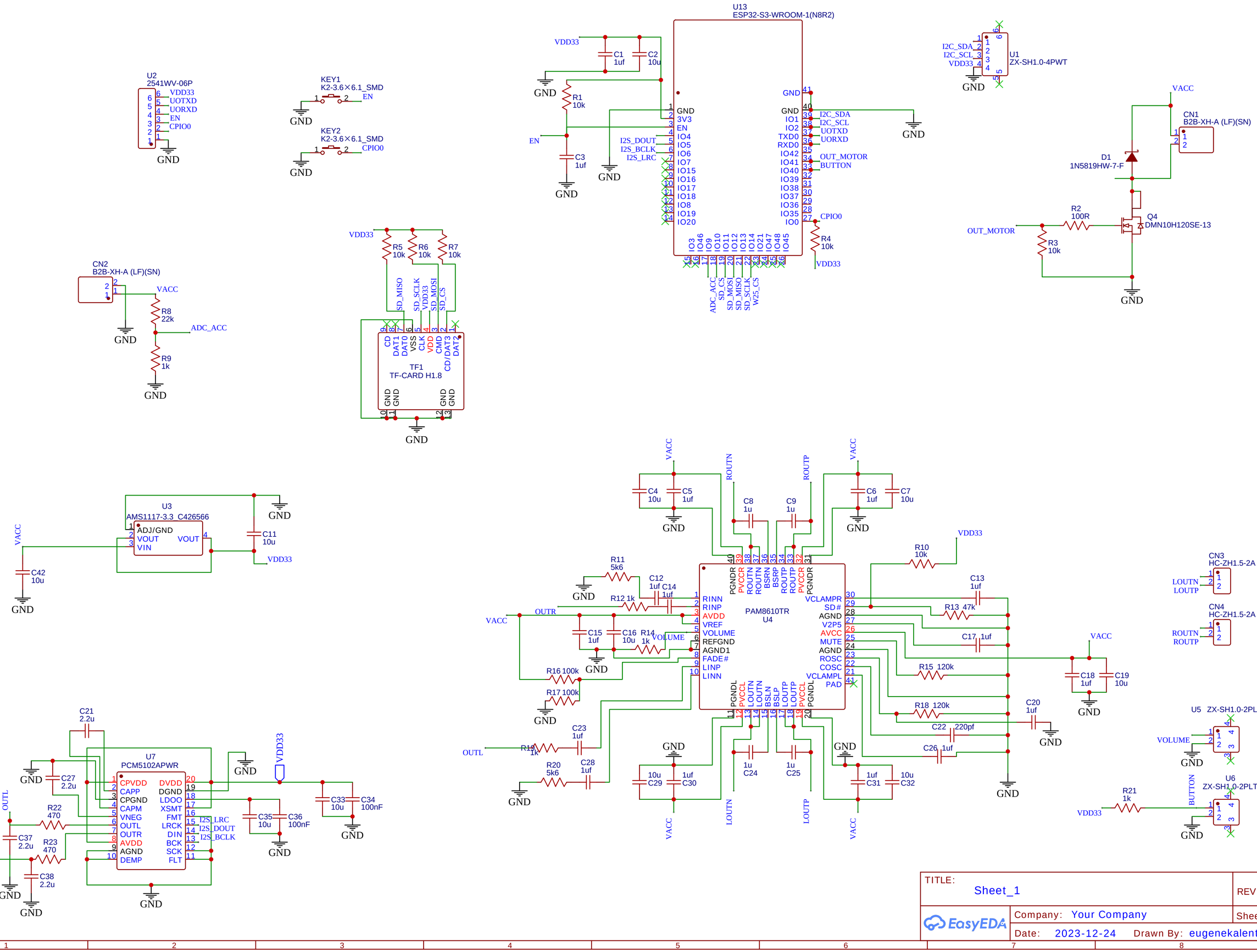

U2
2541WV-06P
VDD33
UOTXD
UORXD
EN
CPIO0
GND
KEY1
K2-3.6×6.1_SMD
EN
KEY2
K2-3.6×6.1_SMD
CPIO0
U13
ESP32-S3-WROOM-1(N8R2)
VDD33
C1 1uf
C2 10u
R1 10k
EN
C3 1uf
I2S_DOUT
I2S_BCLK
I2S_LRC
GND
I2C_SDA
I2C_SCL
UOTXD
UORXD
OUT_MOTOR
BUTTON
CPIO0
R4 10k
U1
ZX-SH1.0-4PWT
VACC
CN1
B2B-XH-A (LF)(SN)
D1
1N5819HW-7-F
R2 100R
Q4
DMN10H120SE-13
R3 10k
CN2
B2B-XH-A (LF)(SN)
R8 22k
ADC_ACC
R9 1k
R5 10k
R6 10k
R7 10k
SD_MISO
SD_SCLK
SD_MOSI
SD_CS
TF1
TF-CARD H1.8
U3
AMS1117-3.3_C426566
ADJ/GND
VOUT
VIN
C11 10u
C42 10u
U7
PCM5102APWR
C21 2.2u
C27 2.2u
C37 2.2u
C38 2.2u
R22 470
R23 470
OUTR
OUTL
C33 10u
C34 100nF
C35 10u
C36 100nF
I2S_LRC
I2S_DOUT
I2S_BCLK
PAM8610TR
U4
C4 10u
C5 1uf
C6 1uf
C7 10u
C8 1u
C9 1u
R10 10k
R11 5k6
R12 1k
C12 1uf
C14 1uf
C13 1uf
R13 47k
C15 1uf
C16 10u
R14 1k
VOLUME
C17 1uf
R15 120k
R16 100k
R17 100k
R18 120k
C22 220pf
C26 1uf
C23 1uf
R19 1k
R20 5k6
C28 1uf
C29 10u
C30 1uf
C24 1u
C25 1u
C31 1uf
C32 10u
C18 1uf
C19 10u
C20 1uf
CN3
HC-ZH1.5-2A
LOUTN
LOUTP
CN4
HC-ZH1.5-2A
ROUTN
ROUTP
U5 ZX-SH1.0-2PLT
U6
ZX-SH1.0-2PLT
R21 1k
TITLE:
Sheet_1
REV: 1.0
Company: Your Company
Sheet: 1/1
Date: 2023-12-24
Drawn By: eugenekalentev
EasyEDA