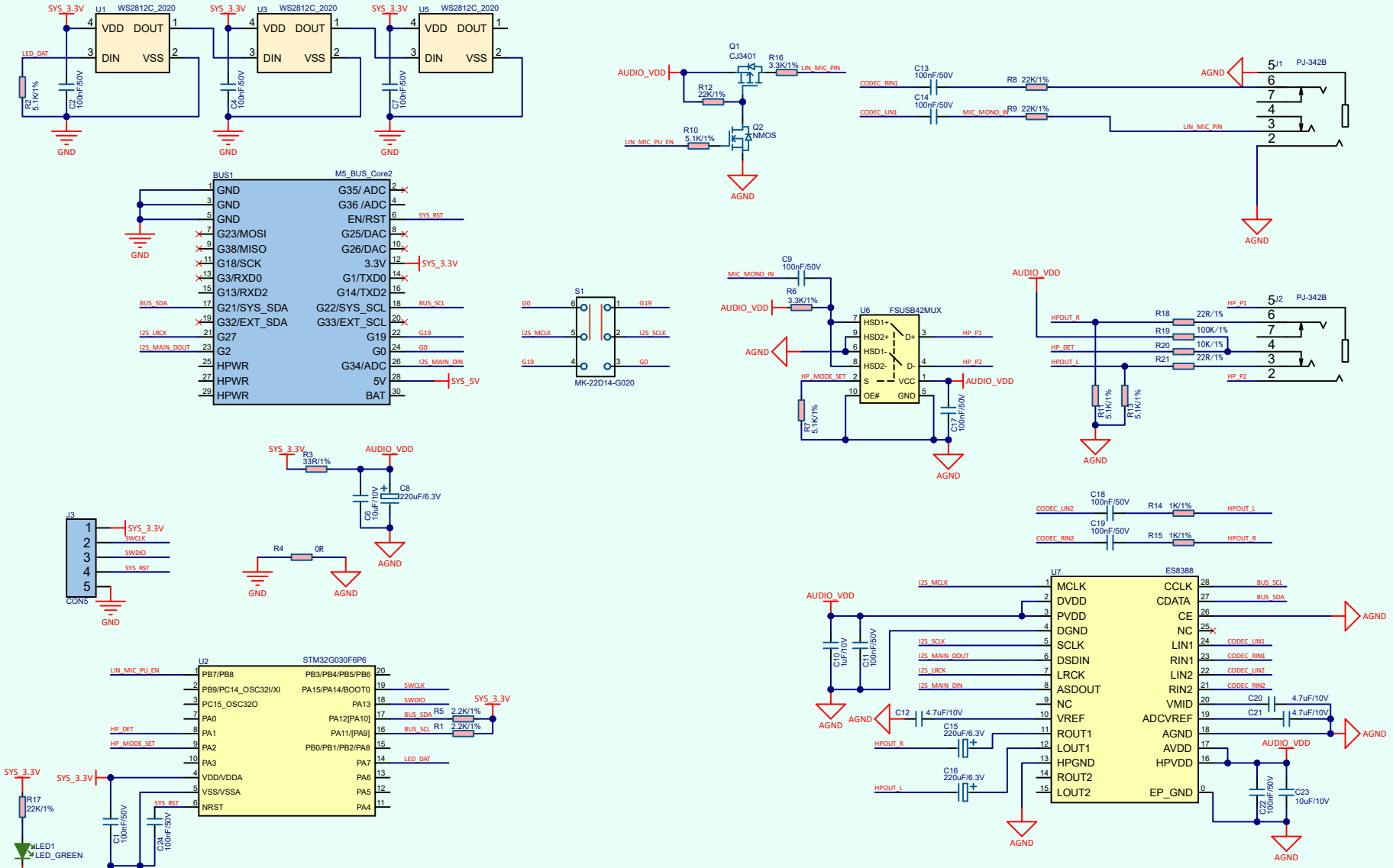
U1 WS2812C_2020
U3 WS2812C_2020
U5 WS2812C_2020
VDD DOUT DIN VSS
SYS_3.3V
LED_DAT
R2 5.1K/1%
C2 100nF/50V
C4 100nF/50V
C7 100nF/50V
GND
Q1 CJ3401
Q2 NMOS
R16 3.3K/1%
R12 22K/1%
R10 5.1K/1%
AUDIO_VDD
LIN_MIC_PIN
LIN_MIC_PU_EN
AGND
C13 100nF/50V
C14 100nF/50V
R8 22K/1%
R9 22K/1%
CODEC_RIN1
CODEC_LIN1
MIC_MONO_IN
J1 PJ-342B
BUS1 M5_BUS_Core2
GND
G35/ ADC
G36 /ADC
EN/RST
G23/MOSI
G25/DAC
G38/MISO
G26/DAC
G18/SCK
3.3V
G3/RXD0
G1/TXD0
G13/RXD2
G14/TXD2
G21/SYS_SDA
G22/SYS_SCL
G32/EXT_SDA
G33/EXT_SCL
G27
G19
G2
G0
HPWR
G34/ADC
5V
BAT
SYS_RST
BUS_SDA
BUS_SCL
I2S_LRCK
I2S_MAIN_DOUT
I2S_MAIN_DIN
SYS_5V
S1
MK-22D14-G020
C9 100nF/50V
R6 3.3K/1%
U6 FSUSB42MUX
HSD1+
HSD2+
HSD1-
HSD2-
S
OE#
D+
D-
VCC
GND
HP_P1
HP_P2
HP_MODE_SET
R7 5.1K/1%
C17 100nF/50V
J2 PJ-342B
HPOUT_R
HPOUT_L
HP_DET
R18 22R/1%
R19 100K/1%
R20 10K/1%
R21 22R/1%
R11 5.1K/1%
R13 5.1K/1%
J3
CON5
SWCLK
SWDIO
R3 33R/1%
C8 220uF/6.3V
C6 10uF/10V
R4 0R
C18 100nF/50V
C19 100nF/50V
R14 1K/1%
R15 1K/1%
CODEC_LIN2
CODEC_RIN2
U2 STM32G030F6P6
PB7/PB8
PB9/PC14_OSC32I/XI
PC15_OSC32O
PA0
PA1
PA2
PA3
VDD/VDDA
VSS/VSSA
NRST
PB3/PB4/PB5/PB6
PA15/PA14/BOOT0
PA13
PA12[PA10]
PA11/[PA9]
PB0/PB1/PB2/PA8
PA7
PA6
PA5
PA4
R5 2.2K/1%
R1 2.2K/1%
LED1 LED_GREEN
R17 22K/1%
C1 100nF/50V
C24 100nF/50V
U7 ES8388
MCLK
DVDD
PVDD
DGND
SCLK
DSDIN
LRCK
ASDOUT
NC
VREF
ROUT1
LOUT1
HPGND
ROUT2
LOUT2
CCLK
CDATA
CE
NC
LIN1
RIN1
LIN2
RIN2
VMID
ADCVREF
AGND
AVDD
HPVDD
EP_GND
C10 1uF/10V
C11 100nF/50V
C12 4.7uF/10V
C15 220uF/6.3V
C16 220uF/6.3V
C20 4.7uF/10V
C21 4.7uF/10V
C22 100nF/50V
C23 10uF/10V