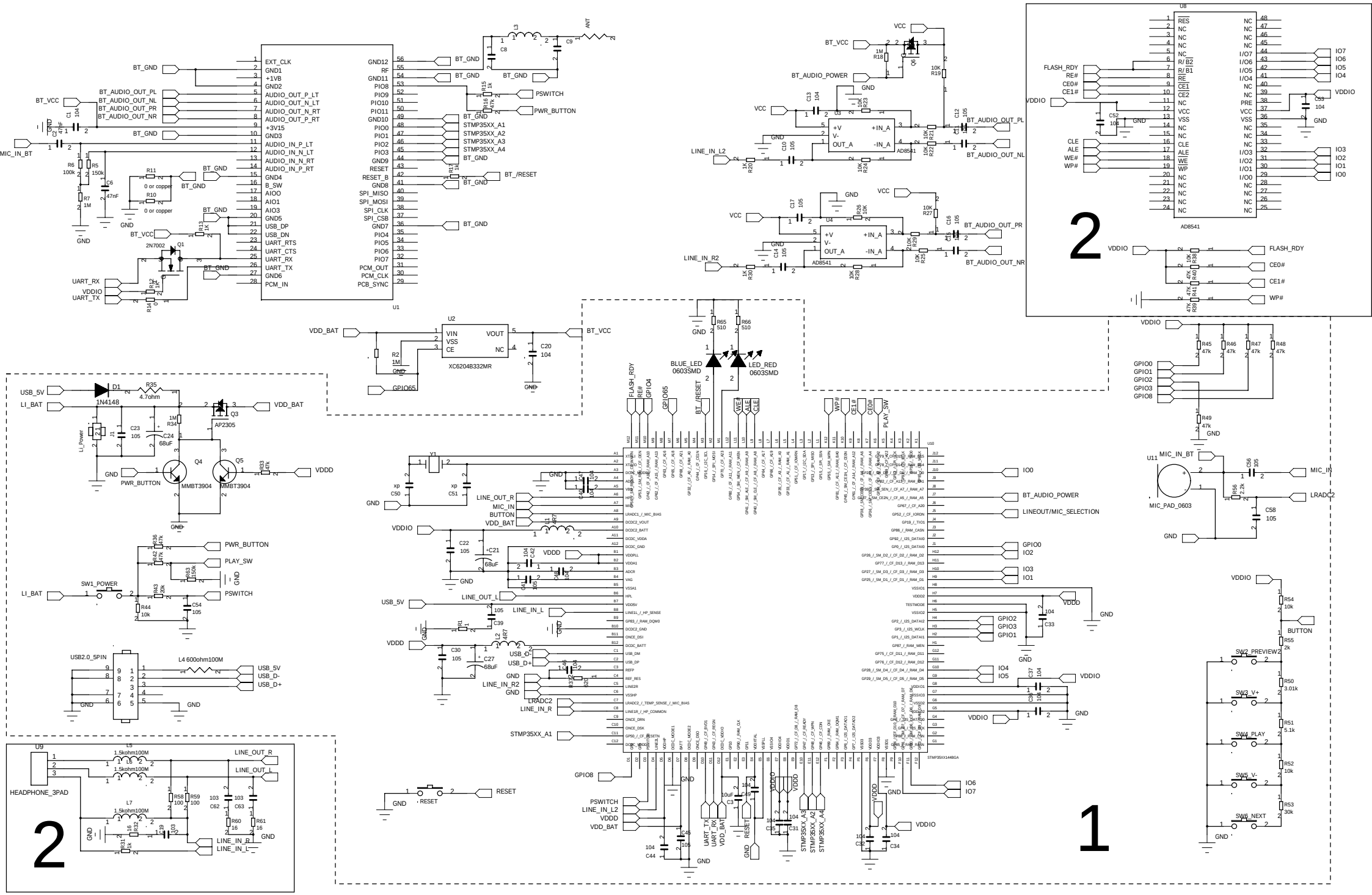
U1
EXT_CLK
GND1
+1VB
GND2
AUDIO_OUT_P_LT
AUDIO_OUT_N_LT
AUDIO_OUT_N_RT
AUDIO_OUT_P_RT
+3V15
GND3
AUDIO_IN_P_LT
AUDIO_IN_N_LT
AUDIO_IN_N_RT
AUDIO_IN_P_RT
GND4
B_SW
AIO0
AIO1
AIO3
GND5
USB_DP
USB_DN
UART_RTS
UART_CTS
UART_RX
UART_TX
GND6
PCM_IN
GND12
RF
GND11
PIO8
PIO9
PIO10
PIO11
GND10
PIO0
PIO1
PIO2
PIO3
GND9
RESET
RESET_B
GND8
SPI_MISO
SPI_MOSI
SPI_CLK
SPI_CSB
GND7
PIO4
PIO5
PIO6
PIO7
PCM_OUT
PCM_CLK
PCB_SYNC
STMP35XX_A1
STMP35XX_A2
STMP35XX_A3
STMP35XX_A4
BT_/RESET
PSWITCH
PWR_BUTTON
BT_GND
BT_VCC
BT_AUDIO_OUT_PL
BT_AUDIO_OUT_NL
BT_AUDIO_OUT_PR
BT_AUDIO_OUT_NR
BT_AUDIO_POWER
MIC_IN_BT
LINE_IN_L2
LINE_IN_R2
UART_RX
UART_TX
VDDIO
2N7002
Q1
ANT
L3
C9
C8
R15 1k
R16 47k
R12 1k
R13 1k
R11 0 or copper
R10 0 or copper
R6 100k
R5 150k
R7 1M
C6 47nF
C1 104
C2 1nF
C3 1nF
GND
U2
VIN
VSS
CE
VOUT
NC
XC6204B332MR
VDD_BAT
R2 1M
GPIO65
C20 104
R65 510
R66 510
BLUE_LED 0603SMD
LED_RED 0603SMD
D1 1N4148
R35 4.7ohm
Q3 AP2305
R34 1M
C23 105
C24 68uF
Q4 MMBT3904
Q5 MMBT3904
R33 47k
VDDD
LI_BAT
USB_5V
LI_Power
J1
PWR_BUTTON
PLAY_SW
PSWITCH
SW1_POWER
R36 47k
R42 47k
R63 150k
R43 20k
R44 10k
C54 105
USB2.0_5PIN
L4 600ohm100M
USB_5V
USB_D-
USB_D+
U9
HEADPHONE_3PAD
L5 1.5kohm100M
L6 1.5kohm100M
L7 1.5kohm100M
LINE_OUT_R
LINE_OUT_L
LINE_IN_R
LINE_IN_L
R58 100
R59 100
R60 16
R61 16
C62 103
C63 103
R31 1k
R32 1k
L8
L9
Q2
U4
U8
AD8541
+V
V-
OUT_A
+IN_A
-IN_A
R18 1M
Q6
R19 10k
R20 1k
R21 10k
R22 10k
R23 10k
R24 10k
R25 10k
R26 10k
R27 10k
R28 10k
R29 10k
R30 1k
C10 105
C12 105
C13 104
C14 105
C15 105
C16 105
C17 105
RES
NC
R/ B2
R/ B1
RE
CE1
CE2
PRE
VCC
VSS
I/O7
I/O6
I/O5
I/O4
I/O3
I/O2
I/O1
I/O0
FLASH_RDY
RE#
CE0#
CE1#
CLE
ALE
WE#
WP#
C52 105
C53 104
R38 10k
R40 47k
R41 47k
R39 47k
FLASH_RDY
CE0#
CE1#
WP#
GPIO0
GPIO1
GPIO2
GPIO3
GPIO8
R45 47k
R46 47k
R47 47k
R48 47k
R49 47k
U11
MIC_IN_BT
MIC_PAD_0603
C56 105
R56 2.2k
C58 105
MIC_IN
LRADC2
STMP35XX144BGA
Y1
xp
C50
C51
C47 104
C48 104
C11 4R7
C22 105
C21 68uF
C42 104
C46 104
C41 105
C49 104
C39 105
R1 1
L2 4R7
C30 105
C27 68uF
R37 2
R38 520
C45 105
C44 104
C43 104
C35 104
C36 104
C34 104
C37 104
C38 104
C33 104
C3 10uF
LINE_OUT_R
MIC_IN
BUTTON
VDD_BAT
LINE_OUT_L
LINE_IN_L
LINE_IN_R2
LRADC2
LINE_IN_R
STMP35XX_A1
USB_D-
USB_D+
PSWITCH
LINE_IN_L2
VDDD
VDD_BAT
GPIO8
RESET
UART_TX
UART_RX
STMP35XX_A3
STMP35XX_A2
STMP35XX_A4
IO0
BT_AUDIO_POWER
LINEOUT/MIC_SELECTION
GPIO0
IO2
IO3
IO1
GPIO2
GPIO3
GPIO1
IO4
IO5
IO6
IO7
BUTTON
SW2_PREVIEW2
SW3_V+
SW4_PLAY
SW5_V-
SW6_NEXT
R54 10k
R55 2k
R50 3.01k
R51 5.1k
R52 10k
R53 30k
1
2