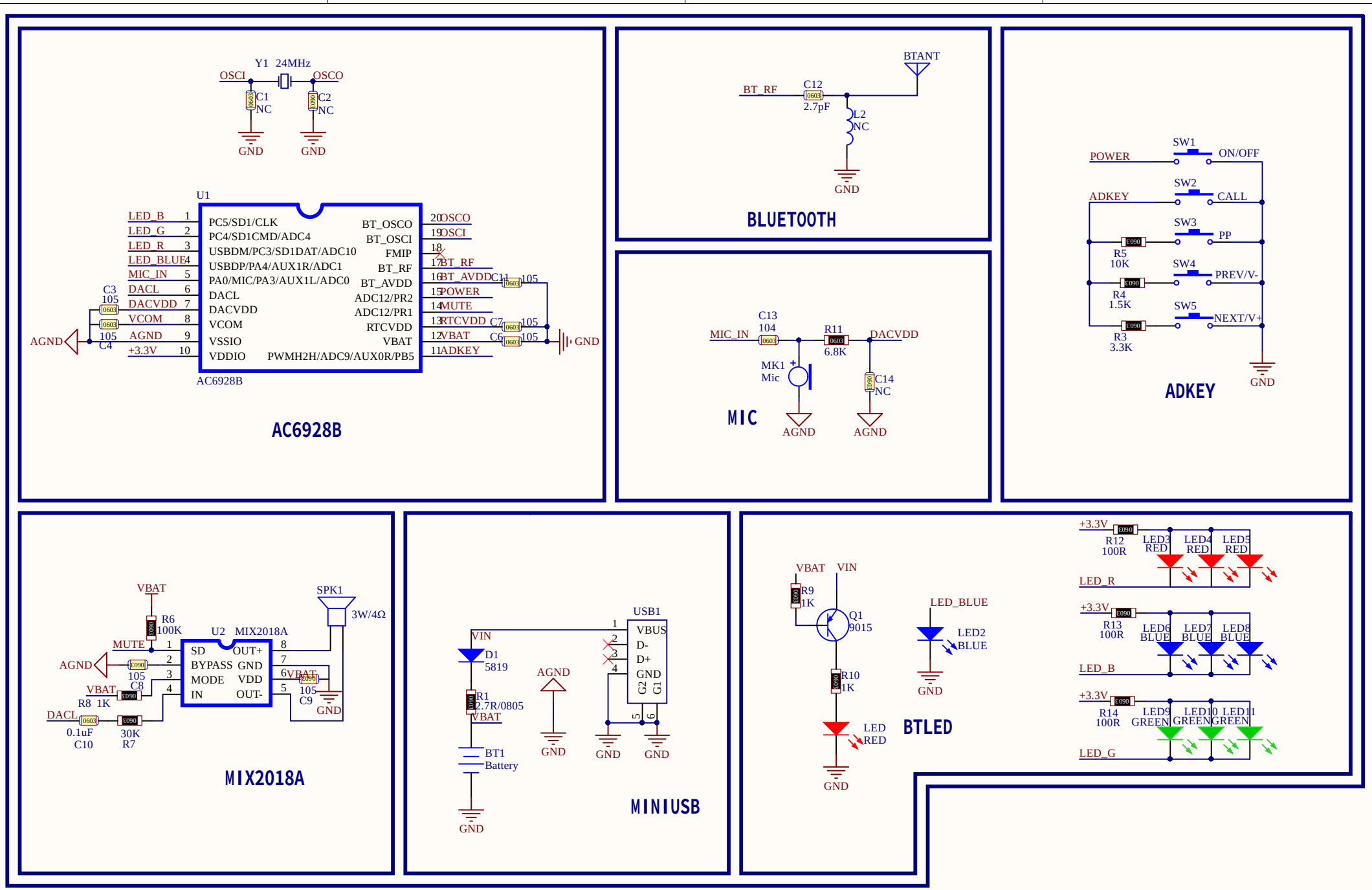
Y1 24MHz
OSCI
OSCO
C1 NC
C2 NC
GND
GND
U1
LED_B 1
LED_G 2
LED_R 3
LED_BLUE 4
MIC_IN 5
DACL 6
DACVDD 7
VCOM 8
AGND 9
+3.3V 10
PC5/SD1/CLK
PC4/SD1CMD/ADC4
USBDM/PC3/SD1DAT/ADC10
USBDP/PA4/AUX1R/ADC1
PA0/MIC/PA3/AUX1L/ADC0
DACL
DACVDD
VCOM
VSSIO
VDDIO
BT_OSCO
BT_OSCI
FMIP
BT_RF
BT_AVDD
ADC12/PR2
ADC12/PR1
RTCVDD
VBAT
PWMH2H/ADC9/AUX0R/PB5
20 OSCO
19 OSCI
18
17 BT_RF
16 BT_AVDD
15 POWER
14 MUTE
13 RTCVDD
12 VBAT
11 ADKEY
C3 105
C4 105
C11 105
C7 105
C6 105
AGND
GND
AC6928B
AC6928B
BTANT
BT_RF
C12 2.7pF
L2 NC
GND
BLUETOOTH
C13 104
MIC_IN
R11 6.8K
DACVDD
MK1 Mic
C14 NC
AGND
AGND
MIC
SW1
POWER
ON/OFF
SW2
ADKEY
CALL
SW3
PP
R5 10K
SW4
PREV/V-
R4 1.5K
SW5
NEXT/V+
R3 3.3K
GND
ADKEY
VBAT
R6 100K
U2 MIX2018A
SPK1
3W/4Ω
MUTE
AGND
VBAT
R8 1K
DACL
0.1uF C10
30K R7
C8 105
C9 105
SD
BYPASS
MODE
IN
OUT+
GND
VDD
OUT-
VBAT
GND
MIX2018A
VIN
D1 5819
R1 2.7R/0805
VBAT
BT1 Battery
AGND
GND
USB1
VBUS
D-
D+
GND
G2
G1
GND
GND
MINIUSB
VBAT
VIN
R9 1K
Q1 9015
R10 1K
LED RED
GND
LED_BLUE
LED2 BLUE
GND
BTLED
+3.3V
R12 100R
LED3 RED
LED4 RED
LED5 RED
LED_R
+3.3V
R13 100R
LED6 BLUE
LED7 BLUE
LED8 BLUE
LED_B
+3.3V
R14 100R
LED9 GREEN
LED10 GREEN
LED11 GREEN
LED_G