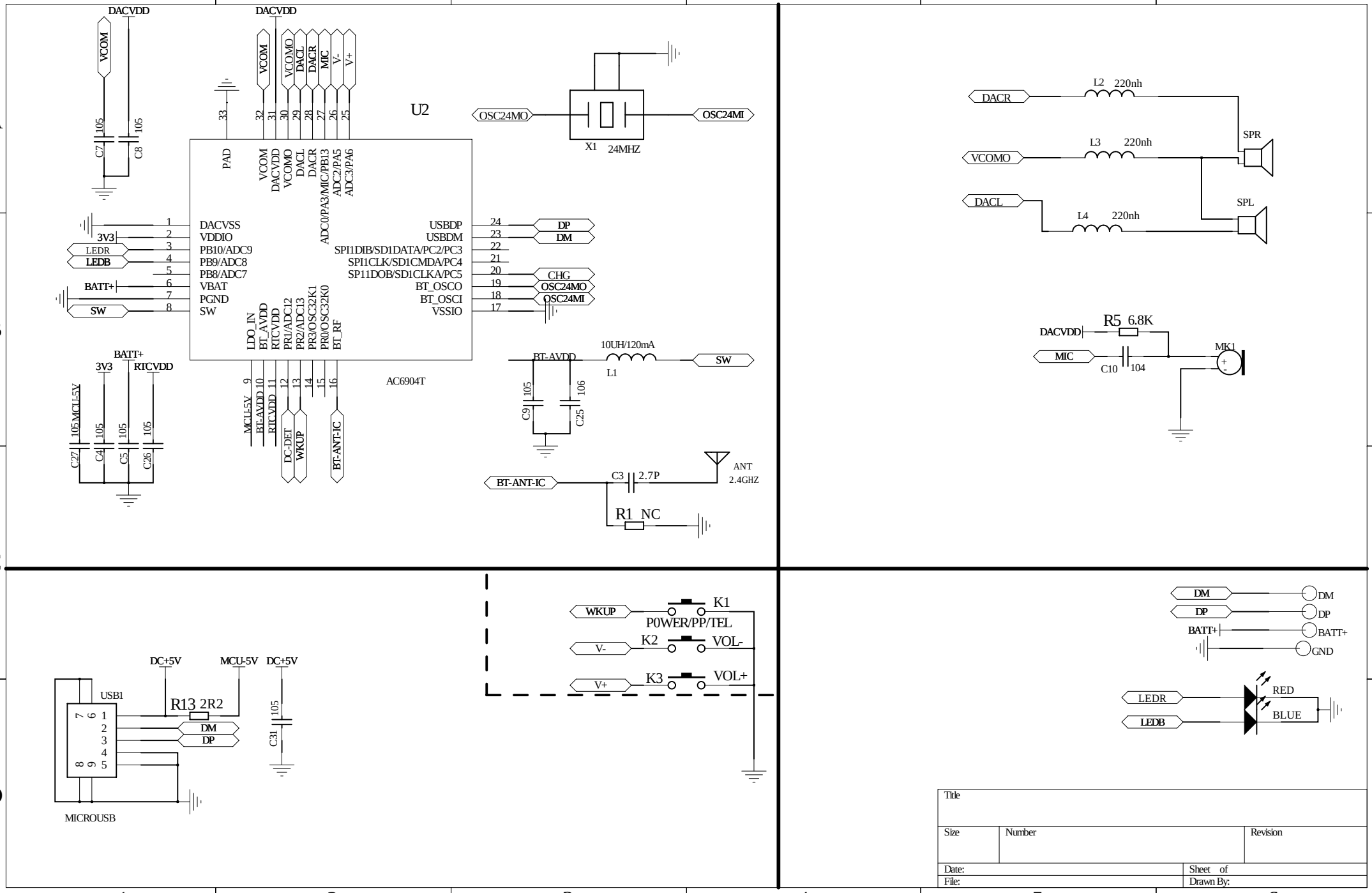
DACVDD
VCOM
C7 105
C8 105
U2
PAD
VCOM
DACVDD
VCOMO
DACL
DACR
ADC0/PA3/MIC/PB13
ADC2/PA5
ADC3/PA6
DACVSS
VDDIO
PB10/ADC9
PB9/ADC8
PB8/ADC7
VBAT
PGND
SW
USBDP
USBDM
SPI1DIB/SD1DATA/PC2/PC3
SPI1CLK/SD1CMDA/PC4
SPI1DOB/SD1CLKA/PC5
BT_OSCO
BT_OSCI
VSSIO
LDO_IN
BT_AVDD
RTCVDD
PR1/ADC12
PR2/ADC13
PR3/OSC32K1
PR0/OSC32K0
BT_RF
MCU-5V
DC-DET
WKUP
BT-ANT-IC
AC6904T
3V3
LEDR
LEDB
BATT+
SW
DP
DM
CHG
OSC24MO
OSC24MI
X1 24MHZ
BT-AVDD
10UH/120mA
L1
C9 105
C25 106
C27 105
C4 105
C5 105
C26 105
ANT
2.4GHZ
C3 2.7P
R1 NC
DACR
VCOMO
DACL
L2 220nh
L3 220nh
L4 220nh
SPR
SPL
R5 6.8K
MIC
C10 104
MK1
WKUP
V-
V+
K1
P0WER/PP/TEL
K2
VOL-
K3
VOL+
USB1
DC+5V
MCU-5V
R13 2R2
C31 105
MICROUSB
GND
RED
BLUE
Title
Size
Number
Revision
Date:
Sheet of
File:
Drawn By: