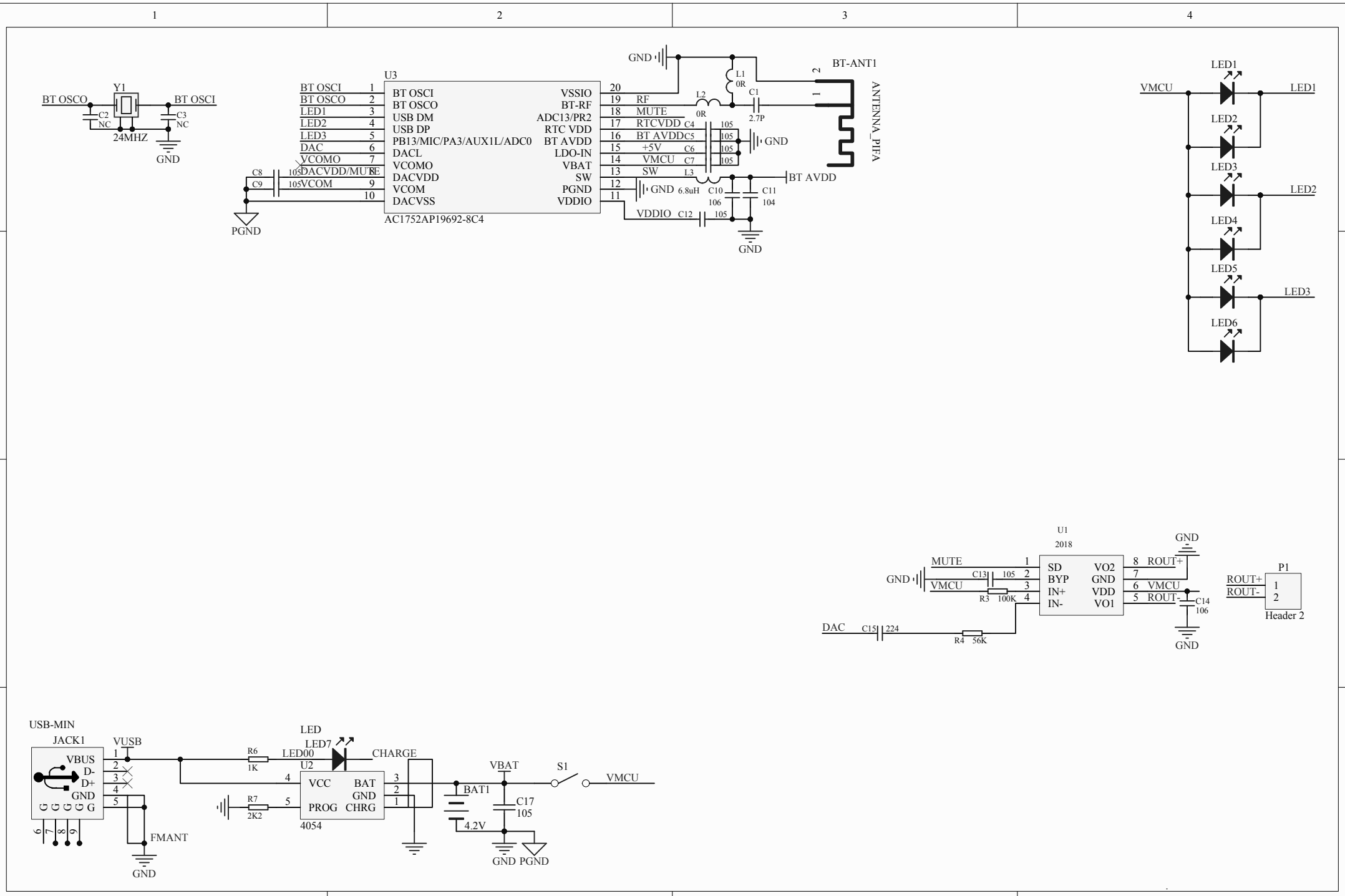
U3
AC1752AP19692-8C4
BT OSCI
BT OSCO
USB DM
USB DP
PB13/MIC/PA3/AUX1L/ADC0
DACL
VCOMO
DACVDD/MUTE
VCOM
DACVSS
VSSIO
BT-RF
ADC13/PR2
RTC VDD
BT AVDD
LDO-IN
VBAT
SW
PGND
VDDIO
RF
MUTE
RTCVDD
BT AVDD
+5V
VMCU
SW
Y1
24MHZ
BT OSCO
BT OSCI
C2 NC
C3 NC
GND
PGND
BT-ANT1
ANTENNA_PIFA
L1 0R
L2 0R
C1 2.7P
C4 105
C5 105
C6 105
C7 105
L3 6.8uH
C10 106
C11 104
C12 105
C8 105
C9 105
BT AVDD
LED1
LED2
LED3
LED4
LED5
LED6
VMCU
U1
2018
SD
BYP
IN+
IN-
VO2
GND
VDD
VO1
MUTE
VMCU
ROUT+
ROUT-
C13 105
R3 100K
R4 56K
C14 106
C15 224
DAC
P1
Header 2
USB-MIN
JACK1
VBUS
D-
D+
GND
VUSB
FMANT
R6 1K
R7 2K2
LED
LED7
LED00
U2
4054
VCC
PROG
BAT
GND
CHRG
CHARGE
BAT1
4.2V
VBAT
C17 105
S1
VMCU