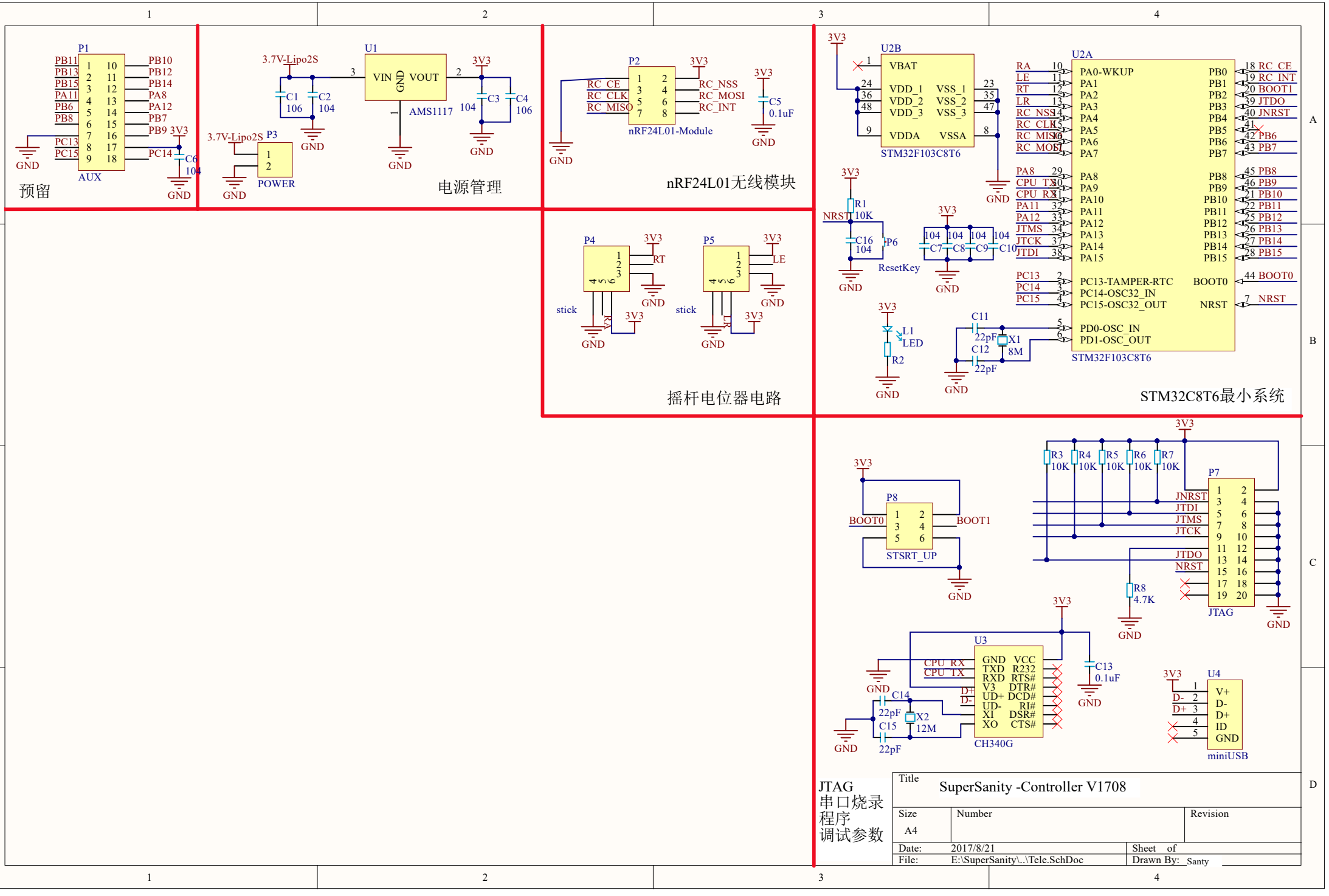
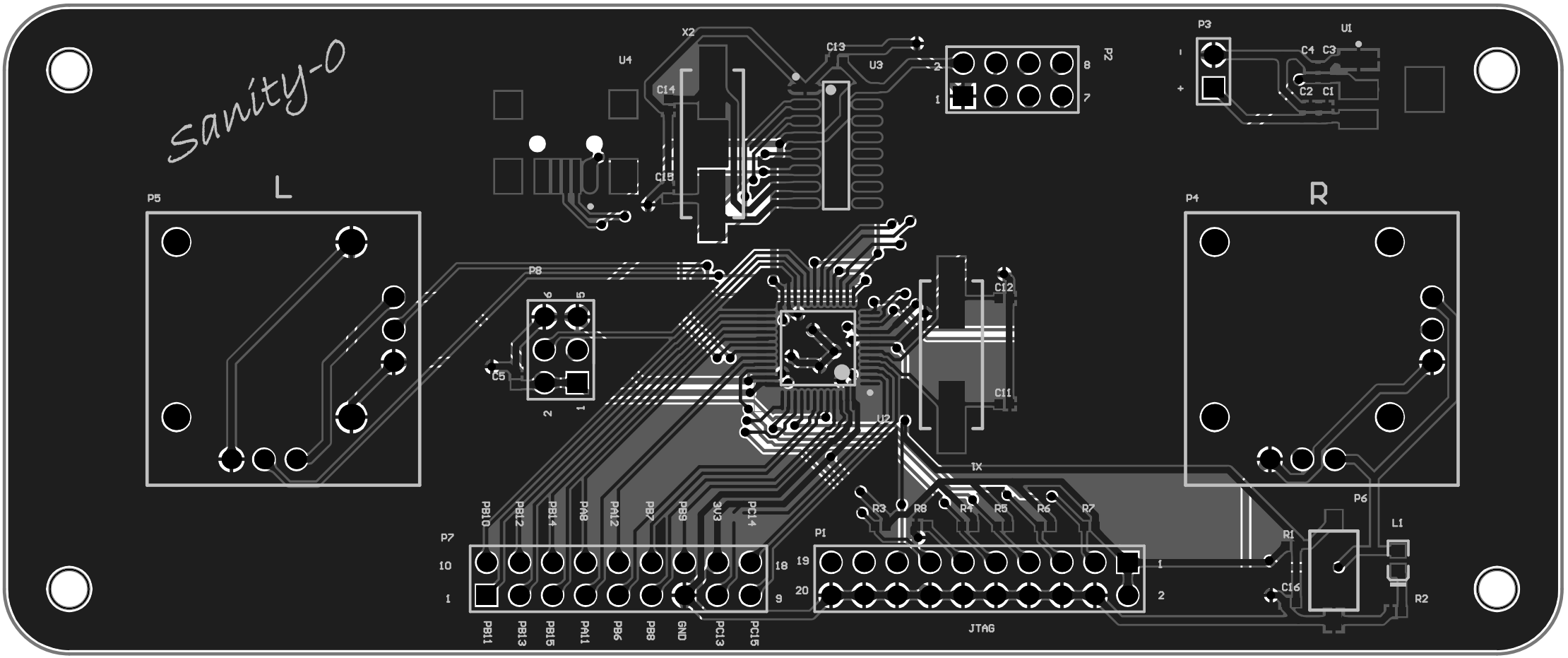

预留
P1
AUX
电源管理
U1
AMS1117
3.7V-Lipo2S
P3
POWER
nRF24L01无线模块
P2
nRF24L01-Module
摇杆电位器电路
P4
P5
stick
STM32C8T6最小系统
U2A
U2B
STM32F103C8T6
ResetKey
JTAG
串口烧录
程序
调试参数
P7
P8
STSRT_UP
U3
CH340G
U4
miniUSB
Title
SuperSanity -Controller V1708
Size
A4
Number
Revision
Date: 2017/8/21
File: E:\SuperSanity\..\Tele.SchDoc
Sheet of
Drawn By: Santy


sanity-0
L
R
P5
P4
P8
P7
P1
P3
P6
U1
U2
U3
U4
X2
C13
C14
C15
C12
C11
C5
C4
C3
C2
C1
R1
R2
R3
R4
R5
R6
R7
R8
L1
C16
JTAG
PB10
PB12
PB14
PA8
PA12
PB7
PB9
3V3
PC14
PB11
PB13
PB15
PA11
PB6
PB8
GND
PC13
PC15

Comment	Description	Designator	Footprint	LibRef	Quantity
106		C1, C4	LC-0402	Cap-0402	2
104		C2, C3, C6, C7, C8, C9, C10, C16	LC-0402	Cap-0402	8
0.1uF		C5, C13	LC-0402	Cap-0402	2
22pF		C11, C12, C14, C15	LC-0402	Cap-0402	4
LED		L1	0603_LED_S1	LED	1
AUX	Header, 9-Pin, Dual row	P1	HDR2X9_CEN	Header 9X2A	1
nRF24L01-Module	Header, 4-Pin, Dual row	P2	HDR2X4	Header 4X2	1
POWER	Header, 2-Pin	P3	HDR1X2	Header 2	1
stick		P4, P5	Stick	stick	2
ResetKey		P6	ResetKeyC5382	ResetKey_C5382	1
JTAG	Header, 10-Pin, Dual row	P7	HDR2X10	Header 10X2	1
STSRT_UP	Header, 3-Pin, Dual row	P8	HDR2X3	Header 3X2	1
10K		R1, R3, R4, R5, R6, R7	Res-0402	Res-0402	6
Res-0402		R2	Res-0402	Res-0402	1
4.7K		R8	Res-0402	Res-0402	1
AMS1117		U1	AMS1117	AMS1117	1
STM32F103C8T6	ARM Cortex-M3 32-bit MCU, 64 KB Flash, 20 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray	U2	STM-LQFP48_L	STM32F103C8T6	1
CH340G		U3	LC-SOP-16_150mil	CH340G	1
miniUSB		U4	miniUSB	miniUSB	1
8M		X1	LC-HC-49SMD	49SMD	1
12M		X2	LC-HC-49SMD	49SMD	1