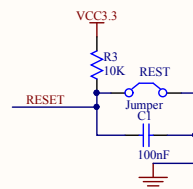


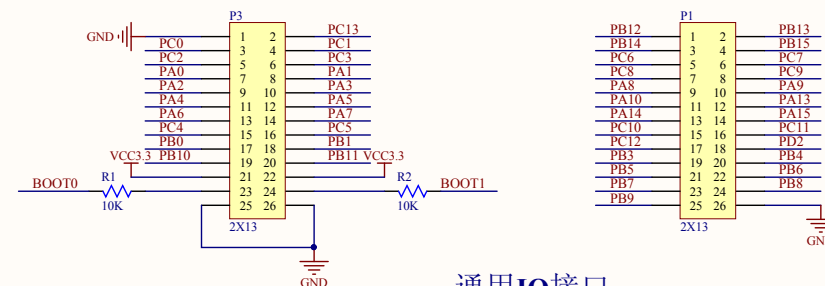
JTAG调试接口



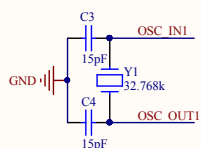
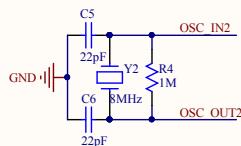
RESET

STM32启动模式选择

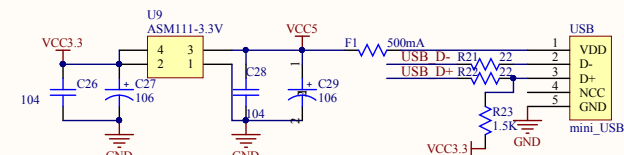
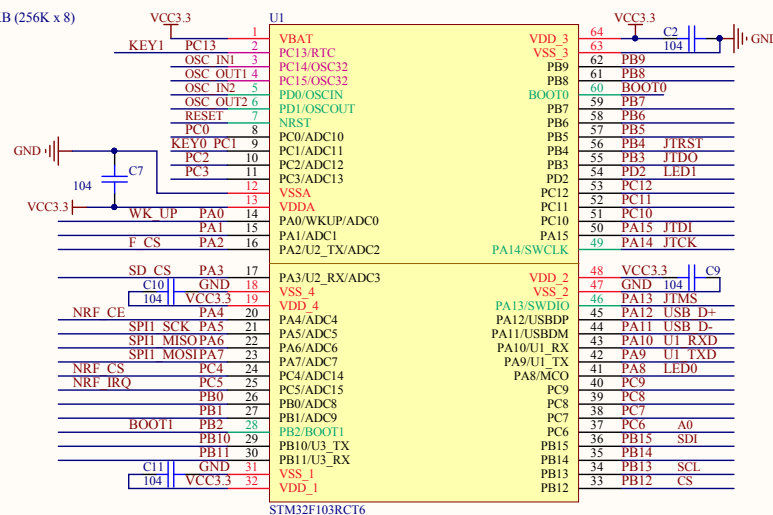
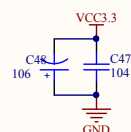
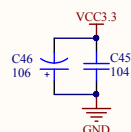
BOOT0	BOOT1	启动方式
0	无关	用户闪存
1	0	ISP下载模式
1	1	内部RAM



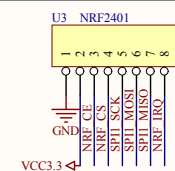
通用IO接口



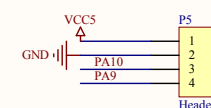
系统晶振



USB供电---STM32的USB SLAVE接口

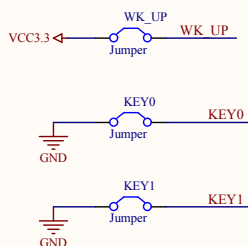


NRF2401无线通信接口

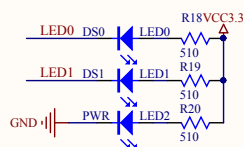


先要使STM32进入到ISP模式，然后再下载
ISP下载时，使用USB转TTL的TX接STM32的RX
USB转TTL的RX接STM32的TX
GND线不可省，还需要供电
下载完成后，改变跳线帽回正常状态

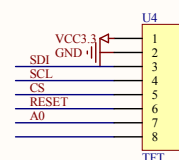
ISP下载串口



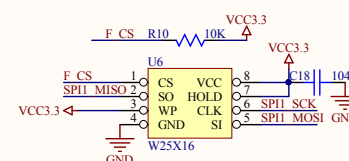
用户操作按键



LED状态指示



OLED 液晶



FLASH--存储数据

Title					
Size A3	Number			Revision	
Date:	2014-9-15			Sheet of	
File:	C:\Documents and Settings\ADMINISTRATOR\Desktop\MINI-STM32\Source Doc.				

Description	Designator	Footprint	Quantity	Comment	Value
GRM39 X7R102K50PT	C1, C12	0603C	2	100nF	100pF
	C2, C7, C9, C10, C11, C18, C26, C28, C45, C47	0603J	10	104	
CAP CHIP 20P 50V(+/-5% COG 0603)	C3, C4	0603J	2	15pF	20pF
CAP CHIP 20P 50V(+/-5% COG 0603)	C5, C6	0603J	2	22pF	20pF
	C27, C29	10UF_T	2	106	
	C46, C48	TAN-B	2	106	
	F1	C1210	1	500mA	
Header, 10-Pin, Dual row, Right Angle	JTAG	IDC20	1	10X2	
Jumper Wire	KEY0, KEY1, REST, WK_UP	key4	4	Jumper	
	LED0	LED0805	1	DS0	
	LED1	LED0805	1	DS1	
	LED2	LED0805	1	PWR	
Header, 13-Pin, Dual row	P1, P3	HDR2X13	2	2X13	
Header, 4-Pin	P5	HDR1X4	1	Header 4	
	R1, R2, R3, R5, R6, R7, R8, R9, R10	0603J	9	10K	
	R4	R0603	1	1M	
	R18, R19, R20	0603J	3	510	
	R21, R22	0603J	2	22	
	R23	0603J	1	1.5K	
	U1	QFP64/P0.5/W12	1	STM32F103RCT6	
8 Pin Header	U3	HDR2X4	1	NRF2401	
Header, 8-Pin	U4	HDR1X8	1	TFT	
	U6	SOIC8P	1	W25X16	
Header, 2-Pin, Dual row, Right Angle	U9	SOT223	1	ASM111-3.3V	
	USB	MINIUSB	1	mini_USB	
Crystal 8MHz PLUG	Y1	32.768k	1	32.768k	8MHz
Crystal 8MHz PLUG	Y2	smt-xtal	1	8MHz	8MHz