U1 — STM32F103C8T6

Pin	Signal		Signal	Pin
10	PA0-WKUP		PB0	18
11	PA1		PB1	19
12	PA2		PB2/BOOT1	20
13	PA3		PB3/JTDO	39
14	PA4		PB4/JNTRST	40
15	PA5		PB5	41
16	PA6		PB6	42
17	PA7		PB7	43
29	PA8		PB8	45
30	PA9		PB9	46
31	PA10		PB10	21
32	PA11		PB11	22
33	PA12		PB12	25
34	PA13/JTMS/SWDIO		PB13	26
37	PA14/JTCK/SWCLK		PB14	27
38	PA15/JTDI		PB15	28
5	OSC_IN/PD0		PC13-TAMPER-RTC	2
6	OSC_OUT/PD1		PC14-OSC32_IN	3
			PC15-OSC32_OUT	4
44	BOOT0			
7	NRST			
1	VBAT			
24	VDD_1		VSS_1	23
36	VDD_2		VSS_2	35
48	VDD_3		VSS_3	47
9	VDDA		VSSA	8

JP3 HEADER 17
JP4 HEADER 17

U2 microusb
U3 RT9193

VCC3.3
GND

Comment	Description	Designator	Footprint	LibRef	Quantity
104	[NoValue], [NoValue], [NoValue], [NoValue], Capacitor	C1, C3, C4, C7, C11	0603C	CAP	5
1UF		C2	0603C	CAP	1
22PF	SMD-CAP	C5, C6, C8, C9	0603C	CAP-0.1UF	4
105	Capacitor	C10, C12	0603C	CAP	2
22nf	Capacitor	C13	0603C	CAP	1
电源		D1	0603D	LED	1
测试		D2	0603D	LED	1
ZENER3	Zener Diode	D3	0805D	ZENER3	1
BOOT		JP1	HDR2X3	HEADER 3X2	1
SWD	4 Pin Header	JP2	HDR1X4	4 HEADER	1
HEADER 17		JP3, JP4		HEADER 17	2
Res2	Resistor	R1, R4	0603B	Res2	2
10M		R2	0603B	RES1	1
10K		R3	0603B	RES1	1
1K	Resistor	R5, R6	0603B	Res1	2
1.5K		R7	0603B	RES1	1
SW-PB		S1	贴片按键	SW-PB	1
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48_N	STM32F103C8T6	1
microusb		U2	MICRO-USB	microusb	1
RT9193		U3	SOT23-5	RT9193	1
8M	晶振	Y1	49SMD	XT	1
32.768K	晶振	Y2	32.768K晶振	XT	1