



Title		
Size	Number	Revision
A3		
Date:	2011/8/24	Sheet of
File:	F:\huang\STM32F103RBT6\Mini_SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	Header, 2-Pin	BOOT0, BOOT1	HDR1X2	Header 2	2
0.1uF	Capacitor	C1, C2, C3, C4, C5, C6, C11, C12, C13, C14, C15, C18, C19	0603C	CAP	13
10pF	Capacitor	C7, C8	0603C	Cap	2
6pF	Capacitor	C9, C10	0603C	Cap	2
10uF	Capacitor	C16, C17	1206	Cap2	2
LED0	Typical INFRARED GaAs LED	D1, D2, D3	0603D	LED0	3
COM1		J1	DB9F	DB9	1
Header 3	Header, 3-Pin	P1, P2, P7	HDR1X3	Header 3	3
Header 2	Header, 2-Pin	P3	BAT_LI_S	Header 2	1
Header 15X2H	Header, 15-Pin, Dual row, Right Angle	P4, P5	HDR2X15	Header 15X2H	2
Header 10X2	Header, 10-Pin, Dual row	P6	JTAG20	Header 10X2	1
S8550		Q1	SOT-23	S8550	1
10K	Resistor	R1, R3, R5, R14	0603R	Res2	4
1K	Resistor	R2, R4, R7, R9, R12, R13	0603R	Res2	6
100		R6, R8	0603R	RES2	2
0	Resistor	R10, R11	0603R	Res2	2
REST	Switch	REST	PUSHSW	SW-PB	1
SW-PB	Switch	S1, S2	PUSHSW	SW-PB	2
MAX3232		U1	SO-16	ADM3202	1
STM32F103RBT6	STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 64-pin LQFP, Industrial Temperature	U2	LQFP64_N	STM32F103RBT6	1
USB		U3	USB-B	USB	1
AMS1117-3.3		U4	SOT-223	VOLTREG1	1
8M	Crystal Oscillator	Y1	XTAL-A	XTAL	1
32.768K	Crystal Oscillator	Y2	XTAL-B	XTAL	1