





Comment	Description	Designator	Footprint	LibRef	Quantity
TFT_LCD		2.4"/2.8"LCD	DB2*17	TFT_LCD	1
AMS1117-3.3		3.3	AMS1117	AMS1117	1
24C02		24C02	SOP-8	24C256	1
BATT		BAT	BATM	BAT	1
Header 3X2	Header, 3-Pin, Dual row	BOOT, USB/ 232, V3.3, VCC5	HDR2X3	Header 3X2	4
104		C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C18	0603P	C, C_1	12
10		C12, C13	0603P	C_2	2
22		C14, C15	0805	C_1	2
104		C16, C20, C23, C24, C25, C27, C28, C29, C30, C31, C32, C33, C34	0805	C, C_1	13
10uf		C17, C19	0805	C_1	2
22P		C21, C22	0805	C_2	2
220uF		C26	CC6.56.5	CAP	1
CH340G	USB2UART	CH340G	SOP16M	CH340G	1
1N4148		D1, D2, D3	DIODE_SOP	D	3
SMBJ5.0A	TVS	D4	SMBJ	SMBJ	1
SMBJ3.3A	TVS	D5	SMBJ	SMBJ	1
LED1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	DS, LED0, LED1, TF_LED	0805	LED2	4
Res2	Resistor	F1, R25, R26, R27, R28, R29	0805	Res2	6
W25Q64	W25X16;SST25VF016; MX25L1605	FLASH	SOIC-8	W25X16	1
HEAD2*27		I/O1, I/O2	HEAD2*27	HEAD2*27	2
JTAG		JTAG	HDR2X10	JTAG	1
ANJIAN1		KEY	贴片微动开关	ANJIAN1	1
OLCD_VCCC	Header, 2-Pin, Right Angle	OLCD	HDR1X2	Header 2H	1
BUTTON		POWER	BTN8.5*8.5	BUTTON	1
S8050	8050/ BCW846/ BCW847	Q2	SOT-23R	NPN	1
S8550	8550/ BCW68	Q3	SOT-23R	PNP	1
510		R1, R3, R4	0805	R	3
10R		R2, R18, R19	0805	R, R_2	3
10K		R5, R11, R12, R13, R14, R15, R23, R24	0805	R, R_1	8
1K		R6, R7, R8	0805	R	3
4.7K		R9, R10	0805	R	2
0		R16, R17	0805	R	2
1.5K		R20	0805	R_2	1
100K		R21, R22	0805	R_1	2
KEY_M		RESET	贴片微动开关	KEY_M	1
IS62WV51216		SRAM	TSOP44	SRAM	1
microSD		TF	TF_CARD	microSD	1
Header 2X2	Header, 2-Pin, Dual row	UART1	HDR2X2	Header 2X2	1
USB		USB_232	USB/ SM0.8-6H5	USB5	1
VREF	Header, 2-Pin, Dual row	VREF	HDR2X2	Header 2X2	1
NRF24L01		WIRELESS	NRF24L01	NRF24L01	1
8MHz	Crystal Oscillator	Y1	XTAL_US	XTAL	1
32.768KHz	32.768K	Y2	XTAL32	XTAL_3	1
12	Crystal Oscillator	Y3	XTAL_US	XTAL	1
STM32F103ZET6		ZET6	LQFP144	STM32F103ZET6	1