



Comment	Description	Designator	Footprint	LibRef	Quantity
SPEAKER	蜂鸣器		SPEAKER	SPEAKER	1
+5V	电路测试点	+3.3, +5	PIN1	TP	2
	Multicell Battery	Bar	BAT-2	Battery	1
10uF	Electrolytic Capacitor	C1	0805c	ELECTRO1	1
4700uF		C2_1	RB.2/4	ELECTRO1	1
0.1uf		C2_2, C2_3, C4, C5, C6_3, C10, C11, C13, C14, C412, CJ6_2	0805C	CAP	11
220uF/25V		C2_4	RB.1/2	ELECTRO1	1
	Capacitor, Polarized Capacitor (Axial)	C3_1, C3_2, C3_3, C3_4	0805C	Cap, Cap Pol2	4
20p		C6_1, C6_2	0805C	CAP	2
20pf	Capacitor	CC1, CC2	0805C	CAP	2
100u		CJ4, CJ6_1	0805C	CAP-P	2
IN4007		D2_1, D2_2, D2_3, D2_4	DIODE0.4A	DIODE	4
		D3, DJ4	0805D	LED	2
4148		D4, D6	1206D	DIODE	2
LED		DJ6	0805D	LED	1
FUSE		F1	1812R	FUSE	1
GND	电路测试点	GND	PIN1	TP	1
	Header, 5-Pin, Dual row	ISP	HDR2X5	Header 5X2	1
10K	Header, 9-Pin	J1	HDR1X9	Header 9	1
USB-B	USB B型插座	J4	USB-B	USB-B	1
UART	Header, 2-Pin, Dual row	J5	HDR2X2	Header 2X2	1
	Connector	J6	PIN2	CON2	1
PWR	Connector	JP2, JP3	HDR1X2	CON2	2
KEY		K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, K16	按键	KEY	16
12864	Header, 20-Pin	LCD	HDR1X20	Header 20	1
	Header, 8-Pin	P0, P1, P2, P3	HDR1X8	Header 8	4
9012	PNP Bipolar Transistor	Q1	SOT95P240-3N	PNP	1
0K		R0, R00	0805R	RES2	2
10K		R1, R6_1, RQ_1	0805r	RES2	3
	Resistor	R3	0805R	Res2	1
4.7K		R4_1, R4_2, R6_2, R6_3, R6_4, R6_5, R11, R12, R13, R14	0805R	RES2	10
1K		R6_6, RJ4, RJ6, RQ_2	0805R	RES2	4
18		R6_7, R6_8	0805R	RES2	2
500		R_LCD	0805R	RES2	1
		S1	按键	SW-PB	1
AT89S52	Atmel 8 Bit Micro 4.0-5.5V 33MHz 0-70 Deg C 40 PDIP (40P6) Package	U1	ATMEL_40P6	AT89S52-33PC	1
LM7805	Series 3-Terminal Positive Regulator	U2	78XX	LM7805CT	1
LM1117-3.3	Voltage Regulator	U3	SOT223	Volt Reg	1
24C01		U4	SOP8	24C01	1
DS1302		U5	SOP8	DS1302	1
PL2303		U6	PL2303	PL2303	1
W5500		U7	HDR2X5_CEN	HEADER*5	1
	Crystal Oscillator	Y1	XTAL	XTAL	1
32.768K		Y5	AT38	CRYSTAL	1
12MHz		Y6	XTAL	CRYSTAL	1