



Bill of Materials

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Source Data From: ST89S52.PrjPCB
Project: ST89S52.PrjPCB
Variant: None

Creation Date: 2013-12-27 20:56:48
Print Date: 41635 41635.87285

Footprint	Comment	LibRef	Designator	Description	Quantity
SPEAKER	SPEAKER	SPEAKER		蜂鸣器	1
PIN1	+5V	TP	+3.3, +5	电路测试点	2
BAT-2		Battery	Bar	Multicell Battery	1
0805c	10uF	ELECTRO1	C1	Electrolytic Capacitor	1
RB.2/.4	4700uF	ELECTRO1	C2_1		1
0805C	0.1uf	CAP	C2_2, C2_3, C4, C5, C6_3, C10, C11, C14, C412, CJ6_2		11
RB.1/.2	220uF/25V	ELECTRO1	C2_4		1
0805C		Cap, Cap Pol2	C3_1, C3_2, C3_3, C3_4	Capacitor, Polarized Capacitor (Axial)	4
0805C	20p	CAP	C6_1, C6_2		2
0805C	20pf	CAP	CC1, CC2	Capacitor	2
0805C	100u	CAP-P	CJ4, CJ6_1		2
DIODE0.4A	IN4007	DIODE	D2_1, D2_2, D2_3, D2_4		4
0805D		LED	D3, DJ4		2
1206D	4148	DIODE	D4, D6		2
0805D	LED	LED	DJ6		1
1812R	FUSE	FUSE	F1		1
PIN1	GND	TP	GND	电路测试点	1
HDR2X5		Header 5X2	ISP	Header, 5-Pin, Dual row	1
HDR1X9	10K	Header 9	J1	Header, 9-Pin	1
USB-B	USB-B	USB-B	J4	USB B型插座	1
HDR2X2	UART	Header 2X2	J5	Header, 2-Pin, Dual row	1
PIN2		CON2	J6	Connector	1
HDR1X2	PWR	CON2	JP2, JP3	Connector	2
按键	KEY	KEY	K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, K15, K16		16
HDR1X20	12864	Header 20	LCD	Header, 20-Pin	1
HDR1X8		Header 8	P0, P1, P2, P3	Header, 8-Pin	4
SOT95P240-3N	9012	PNP	Q1	PNP Bipolar Transistor	1
0805R	0K	RES2	R0, R00		2
0805r	10K	RES2	R1, R6_1, RQ_1		3
0805R		Res2	R3	Resistor	1
0805R	4.7K	RES2	R4_1, R4_2, R6_2, R6_3, R6_4, R6_5, R12, R13, R14		10
0805R	1K	RES2	R6_6, RJ4, RJ6, RQ_2		4
0805R	18	RES2	R6_7, R6_8		2
0805R	500	RES2	R_LCD		1
按键		SW-PB	S1		1
ATMEL_40P6	AT89S52	AT89S52-33PC	U1	Atmel 8 Bit Micro 4.0-5.5V 33MHz 0-70 D C 40 PDIP (40P6) Package	1
78XX	LM7805	LM7805CT	U2	Series 3-Terminal Positive Regulator	1
SOT223	LM1117-3.3	Volt Reg	U3	Voltage Regulator	1
SOP8	24C01		U4		1
SOP8	DS1302	DS1302	U5		1
PL2303	PL2303	PL2303	U6		1
HDR2X5_CE	W5500	HEADER*5	U7		1
N					
XTAL		XTAL	Y1	Crystal Oscillator	1
AT38	32.768K	CRYSTAL	Y5		1
XTAL	12MHz	CRYSTAL	Y6		1
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Approved	Notes