



Title STM32F103V MINI BOARD		
Size	Number	Revision
B		
Date:	2011/5/12	Sheet of
File:	F:\Lsof\...STM32F103V.SCH	Drawn By: lhf

Comment	Description	Designator	Footprint	LibRef	Quantity
Battery	Multicell Battery	3V	BAT-2	Battery	1
20pF	Capacitor	C1, C2	0805	CAP	2
0.1uF	Capacitor	C3, C6, C7, C8, C9, C10, C14, C15, C16, C17, C18, C19	0805	CAP	12
10pF	Capacitor	C4, C5	0805	CAP	2
10uF	Capacitor	C11, C13	0805	CAPACITOR POL	2
1.0uF	Capacitor	C12	0805	CAP	1
LED		D1, D2, D3	LED0805	LED	3
BOOT1	Connector	J1	SIP3	CON3	1
BOOT0	Connector	J2	SIP3	CON3	1
HEADER 3X2		J4	IDC6	HEADER 3X2	1
CON3	Connector	J5	SIP3	CON3	1
CON2	Connector	J6	SIP2	CON2	1
CON44	Connector	J7, J8		CON44	2
JTAG&SWD		JP1	IDC20	HEADER 10X2	1
USART1		JP2	DB9RA/F	DB9	1
USB-D	Connector	JP3	USB-B	CON6	1
10uH		L1	0805	INDUCTOR1	1
CON 2X20		LCD		CON 2X20	1
10k		R3, R4, R5, R6, R7, R8, R9, R10, R11, R19, R20, R21, R22	0805	RES1	13
do not fit		R12	0805	RES1	1
220		R13	0805	RES1	1
300		R14, R15	0805	RES1	2
22		R16, R17	0805	RES1	2
1.5k		R18	0805	RES1	1
1K		R23	0805	RES1	1
SW-PB		S1, S2, S3	KEY	SW-PB	3
STM32F103V		U1		STM32F103RB	1
MAX3232		U2	MAX232	MAX3232	1
LM1117-3.3		U3	LM1117	LM1117	1
8M	Crystal	Y1	XTAL	CRYSTAL	1
32.768k	Crystal	Y2	XTAL	CRYSTAL	1