



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Capacitor	C1, C2	0805	CAPACITOR POL	2
0.1uF	Capacitor	C3, C4, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19	0805	CAP	13
10pF	Capacitor	C5, C6	0805	CAP	2
20pF	Capacitor	C7, C8	0805	CAP	2
LED		D1	LED0805	LED	1
CON2	Connector	J1	SIP2	CON2	1
BOOT1	Connector	J2	SIP3	CON3	1
BOOT0	Connector	J3	SIP3	CON3	1
JTAG&SWD		JP1	IDC20	HEADER 10X2	1
10uH		L1	0805	INDUCTOR1	1
Header 5	Header, 5-Pin	P1	USB-SOCKET-T	Header 5	1
Header 15X2	Header, 15-Pin, Dual row	P2, P3, P4, P5	HDR2X15	Header 15X2	4
Header 4	Header, 4-Pin	P6, P7	HDR1X4	Header 4	2
22		R1, R8	0805	RES1	2
10k		R2, R3, R4, R5, R11, R12, R13, R14, R16	0805	RES1	9
do not fit		R6	0805	RES1	1
220		R7	0805	RES1	1
1.5k		R9	0805	RES1	1
1K		R10	0805	RES1	1
0		R15	0805	RES1	1
SW-PB		S1	Key	SW-PB	1
STM32F103Z		U1	TQFP144_N	STM32F103Z	1
LM1117-3.3		U2	LM1117	LM1117	1
32.768k	Crystal	Y1	32.768k	CRYSTAL	1
8M	Crystal	Y2	XTAL	CRYSTAL	1