



Title Blue Pill		
Size A4	Number	Revision
Date: 10/15/2019	Sheet of	
File: E:\Projects\...\BluePill.SchDoc	Drawn By: Sisoog	

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF		C1, C3, C7, C8, C9, C10, C11	SMD 0805	CAP NON	7
10UF		C2	SMD 0805	CAP NON	1
20P		C4, C5	SMD 0805	CAP NON	2
1UF		C6	SMD 1206	CAP NON	1
1UF		C12	SMD 0805	CAP NON	1
HEDER 20PIN		H1, H2	Header 20Pin	HEDER 20PIN	2
HEDER 2*3PIN		H3	HEADER 3X2	HEDER 2*3PIN	1
LED 2PIN		LED1, LED2	LED 0805	LED 2PIN	2
Program interface SWD		PR1	HEADER 5X1	Program interface SWD	1
10K		R1, R2, R8	0805_1/8W	RESISTOR	3
2K2		R3	0805_1/8W	RESISTOR	1
100K		R4, R6	0805_1/8W	RESISTOR	2
20R		R5, R7	0805_1/8W	RESISTOR	2
Switch		S1	PCBComponent_1	Switch	1
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48_N	STM32F103C8T6	1
LM1117		U2	LM1117_3.3	LM1117	1
USB mini		USB1	USB Connector mini SMD	USB mini	1
8MHz		Y?	XTAL	XTAL	1