



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF		C1, C5, C6, C7, C8, C9	C0805	Cap	6
22pF		C2, C3	C0805	Cap	2
1uF		C4	C0805	Cap	1
2x10pin		Con1	2x10pin	2x10pin	1
2x6pin		Con2	2x6pin	2x6pin	1
LED		D1, D2	LED-0805	LED	2
7A Fuse		F1	FUSE-BLXA	Fuse	1
Micro-ROV		P1	XH2.54-4PIN_SMD	4Pin	1
Hung Lone V1		P2	XH2.54-4PIN_SMD	4Pin	1
LED Driver 1		P3	XH2.54-3Pin_SMD	3Pin	1
LED Driver 2		P4	XH2.54-3Pin_SMD	3Pin	1
Cam OUT		P5	XH2.54-2Pin_SMD	2Pin	1
ST-Link		P6	XH2.54-4pin	4Pin	1
4.7k	pull-up resistor, [NoValue]	R1, R2, R9, R10	R0805	Resistor	4
1k		R3, R5, R11	R0805	Resistor	3
10k	pull-up resistor	R4	R0805	Resistor	1
0		R6, R7, R8, R12, R13, R14, R15, R16	R0603	Resistor	8
SW-PB		SW1	Switch-2pin	SW-PB	1
NMOS 2R6		T1	TPH2R608NH	MOSFET-N	1
STM32F103C8T6		U1	LQFP48	STM32F103C8T6	1
AMS1117		U2	SOT-223	AMS1117	1
8MHz		XT	3225-P	Passive Crystal	1