

#	Reference	Qty	Value	Footprint	DNP
1	C201, C202, C205, C206	4	100nF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
2	C203, C204	2	10pF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
3	C207	1	4.7uF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
4	C301, C305, C405, C406	4	1uF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
5	C302, C306	2	10uF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
6	C303, C304, C307, C308	4	10nF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
7	C401	1	0.1uF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
8	C402, C404, C407	3	22uF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
9	C403	1	100n	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	
10	D201	1	LED G	LED_SMD:LED_0603_1608Metric_Pad1.05x0.95mm_HandSolder	
11	D202	1	LED R	LED_SMD:LED_0603_1608Metric_Pad1.05x0.95mm_HandSolder	
12	D203	1	LED B	LED_SMD:LED_0603_1608Metric_Pad1.05x0.95mm_HandSolder	
13	D402	1	1N4148WS	Diode_SMD:D_SOD-323	
14	H201, H202, H203, H204	4	MountingHole_Pad	MountingHole:MountingHole_3.2mm_M3_Pad_Via	
15	J201	1	Motor_L	Connector_JST:JST_XH_B6B-XH-A_1x06_P2.50mm_Vertical	
16	J202	1	bordure_R	Connector_JST:JST_XH_B3B-XH-A_1x03_P2.50mm_Vertical	
17	J204	1	LIDAR	Connector_JST:JST_XH_B8B-XH-A_1x08_P2.50mm_Vertical	
18	J205	1	Motor_R	Connector_JST:JST_XH_B6B-XH-A_1x06_P2.50mm_Vertical	
19	J206	1	BUMPER_F	Connector_JST:JST_XH_B2B-XH-A_1x02_P2.50mm_Vertical	
20	J207	1	BUMPER_B	Connector_JST:JST_XH_B2B-XH-A_1x02_P2.50mm_Vertical	
21	J208	1	BUMPER_R	Connector_JST:JST_XH_B2B-XH-A_1x02_P2.50mm_Vertical	
22	J209	1	BUMPER_L	Connector_JST:JST_XH_B2B-XH-A_1x02_P2.50mm_Vertical	
23	J210	1	Conn_02x07_Odd_Even	Connector_PinHeader_1.27mm:PinHeader_2x07_P1.27mm_Vertical_SMD	
24	J211	1	bordure_F	Connector_JST:JST_XH_B3B-XH-A_1x03_P2.50mm_Vertical	
25	J401	1	Conn_BAT	Connector_JST:JST_XH_B2B-XH-A_1x02_P2.50mm_Vertical	
26	L401	1	4.7uH	Inductor_SMD:L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	
27	R201, R202, R203	3	1k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
28	R401, R402	2	100k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
29	R403	1		20 Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
30	R404	1	16k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
31	R405	1	40.2k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
32	R406	1	13k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
33	R407	1	12k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
34	R408	1	10k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	
35	S401	1	4,72121E+11	472121010111:472121010111	
36	SW202	1	SW_Push	Button_Switch_SMD:SW_SPST_B3U-1000P	
37	U201	1	STM32G070RBTx	Package_QFP:LQFP-64_10x10mm_P0.5mm	
38	U303, U304	2	ZXBM5210-SP	Package_SO:Diodes_SO-8EP	
39	U401	1	MP1475DJ-LF-P	MP1475:MP1475DJ-LF-P	
40	U402	1	MIC5317	Package_TO_SOT_SMD:SOT-23-5	
41	Y201	1	16M	Crystal:Crystal_SMD_EuroQuartz_MT-4Pin_3.2x2.5mm	