

BlueSaab v6.1 BOM

Index	Quantity	Manufacturer Part Number	Description	Reference	Mandatory?
1	1	CSTNE8M00GH5C000R0	CER RES 8.0000MHZ 33PF SMD AUTOM	Y1	Y
2	1	CC0805KRX7R9BB103	CAP CER 10000PF 50V X7R 0805	C26	Y
3	1	CC0805KKX7R7BB105	CAP CER 1UF 16V X7R 0805	C25	Y
4	4	CL21B224KAFNNNE	CAP CER 0.22UF 25V X7R 0805	C27 - C30	Y
5	1	SM24CANB-02HTG	TVS DIODE 24V 50V SOT23-3	D4	Y
6	1	614105150721	CONN RCPT USB2.0 MICRO B VERT	J1	N
7	2	RC0805FR-0722RL	RES SMD 22 OHM 1% 1/8W 0805	R5,11	Y
8	1	RC0805FR-071K5L	RES SMD 1.5K OHM 1% 1/8W 0805	R4	Y
9	1	3220-10-0100-00	CONN HEADER VERT 10POS 1.27MM	JTAG	N
10	1	CU-3242	BOX ABS BLACK 3.35"L X 3.35"W	BOX	Y
11	1	STM32F103RBT7	IC MCU 32BIT 128KB FLASH 64LQFP	U1	Y
12	1	SN65HVD234DR	IC CAN TRANSCEIVER 3.3V 8-SOIC	U6	Y
13	1	THS4522IPWR	IC OPAMP DIFF 95MHZ RRO 16TSSOP	U4	Y
14	1	LM1117MP-3.3/NOPB	IC REG LINEAR 3.3V 800MA SOT223	U3	Y
15	1	AYZ0202AGRLC	SWITCH SLIDE DPDT 100MA 12V	S1	N
16	1	RN52-I/RM116	RF TXRX MOD BLUETOOTH TRACE ANT	U2	Y
17	3	RC0805JR-070RL	RES SMD 0 OHM JUMPER 1/8W 0805	R1-3	Y
18	1	RC0805FR-0747KL	RES SMD 47K OHM 1% 1/8W 0805	R35	Y
19	1	RC0805FR-07100KL	RES SMD 100K OHM 1% 1/8W 0805	R37	Y
20	1	RC0805FR-0768KL	RES SMD 68K OHM 1% 1/8W 0805	R36	Y
21	1	RC0805FR-0730K1L	RES SMD 30.1K OHM 1% 1/8W 0805	R32	Y
22	1	150141M173100	LED RGB CLEAR 3528 SMD	LED1	Y
23	11	C0805C104K3RACTU	CAP CER 0.1UF 25V X7R 0805	C14 - 24	Y
24	1	APT3216SURCK	LED RED CLEAR CHIP SMD	POWER	Y
25	2	KMR231NG LFS	SWITCH TACTILE SPST-NO 0.05A 32V	BOOT, RESET	Y
26	3	1N4148W-7-F	DIODE GEN PURP 100V 300MA SOD123	D1-3	Y
27	10	CL21A106KAYNNNE	CAP CER 10UF 25V X5R 0805	C1,2,4-11	Y
28	10	RC0805FR-072KL	RES SMD 2K OHM 1% 1/8W 0805	R21-24	Y
29	10	RC0805FR-071KL	RES SMD 1K OHM 1% 1/8W 0805	R10,12-17	Y
30	10	RC0805FR-0710KL	RES SMD 10K OHM 1% 1/8W 0805	R25-31	Y
31	10	RC0805FR-07100RL	RES SMD 100 OHM 1% 1/8W 0805	R6 - R9	Y