

BUCKSHOT PRO Part List

NO.	LEV EL	Bom	Description	Package	Location	QTY	item No
1	1	210000006020190	SMD resistance 0 Ω $\pm$ 5% 1/16W 0402	0402	L6, R15, R20, R38 , R45, R46, R50, R 51,	8	RC0402JR-070RL
2	1	210000003050190	SMD resistance 0 Ω $\pm$ 1% 1/8W 0805	0805	R19, R22,	2	0
3	1	210220816020190	SMD resistance 2.2 Ω $\pm$ 5% 1/16W 0402	0402	R35,	1	RC0402JR-072R2L
4	1	210330006030190	SMD resistance 330 Ω $\pm$ 1% 1/10W 0603	0603	R39,	1	0
5		210470013020190	SMD resistance 470 Ω $\pm$ 5% 1/16W 0402	0402	R17, R18, R21,	3	RC0402JR-07470RL
6	1	210100116020190	SMD resistance 1K Ω $\pm$ 5% 1/16W 0402	0402	R11, R31, R32, R3 7, R56,	5	RC0402JR-071KL
7	1	210100100030190	SMD resistance 1K Ω $\pm$ 5% 1/10W 0603	0603	R43,	1	0
8		210200106022000	SMD resistance 2K Ω $\pm$ 1% 1/16W 0402	0402	R8, R10,	2	0
9	1	210220116020190	SMD resistance 2.2K Ω $\pm$ 5% 1/16W 0402	0402	R26, R27, R28, R3 3,	4	RC0402JR-072K2L
10	1	210681816020151	SMD resistance 6.81K Ω $\pm$ 5% 1/16W 0402	0402	R52,	1	0
11	1	210100216020149	SMD resistance 10K Ω $\pm$ 5% 1/16W 0402	0402	R25, R29, R30, R3 4, R36, R55,	6	RC0402JR-0710KL
12		210133816020151	SMD resistance 13.3K Ω $\pm$ 5% 1/16W 0402	0402	R49,	1	0
13	1	210200206021000	SMD resistance 20K Ω $\pm$ 1% 1/16W 0402	0402	R42,	1	0
14	1	210220206021000	SMD resistance 22K Ω $\pm$ 1% 1/16W 0402	0402	R2, R3, R7, R9, R4 0,	5	0
15	1	210470216020190	SMD resistance 47K Ω $\pm$ 5% 1/16W 0402	0402	R1, R4, R6, R14,	4	0
16	1	210100316020190	SMD resistance 100K Ω $\pm$ 5% 1/16W 0402	0402	R48,	1	0
17	1	210150316020190	SMD resistance 150K Ω 1% 0402 1/16W	0402	R41,	1	0
18	1	210470310020190	SMD resistance 470K Ω $\pm$ 5% 1/16W 0402	0402	R13, R23, R47,	3	RC0402JR-07470KL
19	1	220150904020151	SMD Capacitance 15pF $\pm$ 5% 50V 0402	0402	C30, C42,	2	GRM1555C1H150JA01 D
20	1	220100214020191	SMD Capacitance 10nF $\pm$ 10% 50V 0402	0402	C27, C28, C36,	3	GRM155R71H103KA88 D
21	1	220470214020191	SMD Capacitance 47nF $\pm$ 10% 16V 0402	0402	C40, C41, C43,	3	GRM155R71C473KA01 D
22	1	220100314020191	SMD Capacitance 100nF $\pm$ 10% 16V 0402	0402	C5, C8, C13, C14, C18, C33, C37, C4 4, C46, C47, C51, C59,	12	GRM155R71C104KA88 D
23	1	220470415020190	SMD Capacitance 470nF $\pm$ 10% 10V 0402	0402	C32, C54,	2	GRM155R61A474KE15 D
24	1	220100413020149	SMD Capacitance 1uF $\pm$ 10% 10V 0402	0402	C1, C2, C3, C6, C7 , C9, C10, C11, C1 2, C21, C22, C23, C56, C58,	14	GRM155R61A105KE15 D
25	1	220220423020151	SMD Capacitance 2.2uF $\pm$ 20% 10V 0402	0402	C24, C25, C26, C3 1, C38, C39,	6	GRM155F51A225ME19 D
26		220220413030190	SMD Capacitance 2.2uF $\pm$ 10% 10V 0603	0603	C15, C16, C17,	3	GRM188R61A225KE34 D
27	1	220470432030151	SMD Capacitance 4.7uF $\pm$ 10% 6.3V 0603	0603	C29,	1	GRM188R60J475KE19 D
28	1	220220513050151	SMD Capacitance 22uF $\pm$ 20% 6.3V 0805	0805	C4, C45, C52,	3	GRM21BR60J226ME39 L
29	1	220220062002000	SMD electrolytic capacitor 220uF 10V $\varnothing$ 6.3x5.8	$\varnothing$ 6.3x5.8	CA1, CA2,	2	0
30	1	230456045200151	SMD power inductance 4.5uH $\pm$ 20% 4A 6045	6045	L8,	1	NRS6045T4R5MMGK
31	1	230150900200151	SMD film inductance 15nH $\pm$ 2% 0402	0402	L7,	1	LQG15HS15NJ02D/LQ P15MN15NG02
32	1	230100590500149	SMD inductance 10uH $\pm$ 10% 0805	0805	L4, L5,	2	MLF2012E100KT000
33	1	230300990700000	magnetic bead 30ohms/100MHZ/1.5A 0603	0603	L2, L3,	2	MMZ1608R300A

34	1	230120090300000	magnetic bead 120ohms/100MHz/500MA 0603	0603	L1,	1	MMZ1608S121A
I C							
35	1	270863506892CSR	Bluetooth Ic CSR 8635A04 QFN-68	QFN-68	U4,	1	8635A04
36	1	271016801090000	amplifier YDA168 3.3W/4Ω/5V CLS-D stereo WLCSP-9	WLCSP-9	U10,	1	YDA168B
37	1	270491700000178	audio power amplifier SGM4917A 125mW stereo TQFN-16	TQFN-16	U1,	1	SGM4917A
38	1	252082051310135	field-effect tube MT8205A N-CH 25V 6A TSSOP-8	TSSOP-8	Q3,	1	MT8205A
39	1	279961500092000	current limit switch IC SG9615 SOT23-5	SOT23-5	U9,	1	0
40	1	252054781310135	battery protect IC R5478N110CD-TR-FF 2.3V SOT23-6	SOT23-6	U8,	1	R5478N110CD-TR-FF
41	1	279512000062187	EEPROM FM24C512A 512Kbit 1.8V TSSOP-8	TSSOP-8	U6,	1	FM24C512A
42	1	279629100072000	boost IC FP6291 MOS 0.2Ω/2A SOT23-6	SOT23-6	U7,	1	FP6291
43	1	237240000042012	filter LFB212G45SG8A192 2.4-2.5GHz 2x1.2x0.7 4pin	2x1.2x0.7 4pin	U5,	1	LFB212G45SG8A192
44	1	282002600000272	crystal oscillator GX321S 26MHz±10ppm 9pF±0.2pF 3225	3225	Y1,	1	GX321S- 26.000KKF0701
45	1	252023011310135	field-effect tube CJ2301 P-CH -20V - 2.3A SOT23-3	SOT23-3	Q20,	1	CJ2301
46	1	279371906072000	electronic switch SGM3719YN6G/TR SPDT SOT23-6	SOT23-6	U12,	1	SGM3719YN6G/TR
47	1	241SK3400000190	Schottky diode SK34 28V 3A DO-214AB	DO-214AB	D5,	1	SK34
48	1	2704054A5650178	charging IC PT4054Y42CMR 800mA SOT23-5	SOT23-5	U2, U3,	2	PT4054Y42CMR
49	1	262192740300154	LED BLUE 0603	0603	D4,	1	BL-HB336G-TRB
50	1	262192240200154	LED RED 0603	0603	D3,	1	BL-HUF36A-AV-TRB
MD							
51	1	346454538092000	Side button THCP03-038A-B 120gf 4.5x4.5x3.8 3pin	4.5x4.5 x3.8 3pin	SW1, SW2, SW3,	3	THCP03-038A-B
52	1	368002011002000	FPC connector 0.5S-2X-16PWB H=2.0mmpin	0	J5,	1	0.5S-2X-16PWB
53	1	51TH00K200DD000	Spring φ5.21mm 0.3mm,	DIP	SPK-, SPK+,	2	0
54	1	2000BM804012000	PCB BM8_8635 MAIN V0.3 FR4	64.2x33 x1	,	1	BM8_8635 MAIN V0.3

USB PCBA BOM							
NO.	LEV EL	Bom	Description	Package	Location	QTY	item No
RCL							
1	1	230100090902000	Magnetic bead 600Ω/100MHz/2A Item:PB201209T-601Y-N	2	L6,	1	PBY201209T-601Y-N
MD							
2	1	364003011002000	USB 3.0AF SMT 14.45	0	J2,	1	0
3	1	364040901000268	USB connector GRM-001-01-02063 MicroUSB 5pin	MicroUS B 5pin	J1,	1	GRM-001-01-02063
4	1	20400M802012000	USB PCB M8 USB V0.2 FR4 2 Layer	0	,	1	0

NO.		LEV EL	Bom	Description	Material	Process	Spec	qty	Unit
1		1	41BM80PC00ZSE00	Body	PC	Injection		1	PCS
2		1	41M800PC06ZS802	top cover	PC	Injection		1	PCS
3		1	41BM80PC01ZSE00	lock	PC	Injection		1	PCS
4		1	41BM80PC02ZSE00	cover board	PC	Injection		1	PCS
5		1	41M800PC01ZS802	USB cover	PC	Injection		1	PCS
6		1	41M800PC00ZSD00	light cross	PC	Injection		2	PCS
7		1	42BM80PR00YYE00	wrap	Silicon			1	PCS
8		1	41M800PI00CQ800	Ornament	Silicon			1	PCS
9		1	0BM6PIIYY8	Mic cover	Silicon			1	PCS
10		1	41M800PI00YY000	button	Silicon			3	PCS
11		1	41M800PR00YY800	passive plate	silicaon			1	PCS
12		1	41M800F100CY800	speaekr net	Fe		T=0. 3;	1	PCS
13		1	510M60C501DDN00	battery shrapnet	Phosphor cooper		T=0. 3;	2	PCS
14		1	41M800PI00YY100	o-ring	silicaon			1	PCS
15		1	FL-GWJD001	high temperature tape				0.001	
16		1	62JS00R10000100	1401 glue				1. 2	g
17		1	FL-LBMFJ01	6060 glue				1	g
18		1	NNQR918513	white silicon (SLD-8854)				0. 8	ml
19		1	52B300001645800	self tapping screw ST1. 6*4. 5PB	Fe		ST1. 6*4. 5PB	2	PCS
20		1	0BM6ST1607	self tapping screw ST1. 7×7PB	Fe		ST1. 7×7PB;	5	PCS
21		1	41M800R800CQ000	adhensive tape	3M 9080			1	PCS
22		1	41M800R801CQ000	adhensive tape	3M 9080			1	PCS
23		1	41M800D400CQ000	EVA	EVA			1	PCS
24		1	41BM80PI00RS000	shinkable tubing				2	PCS
25		1	9100BM809012000	PCBAA				1	PCS
26		1	91400M809012000	USB				1	PCS
27		1	20500M802022000	SP PCB V0. 4 FR4				1	PCS
28		1	316000900112000	FPC V0. 1	FPC			1	PCS
29		1	315060922112000	CONNECTIN LINE				1	PCS
30		1	315010922032000	CONNECTIN LINE				1	PCS
31		1	381036004152000	MIC				1	PCS
32		1	383715500002000	SPEAKER	S-3613N42 (1408301)			1	PCS
33		1	323037260192000	BATTERY 18650 3. 7V 2600mAh				1	PCS
34			41BM80R801CQ000	BATTERY TAPE				1	PCS
35			41BM80R800CQ000	BM8-SPK TAPE	3M 9080			1	PCS
36			FL-RHGY001	silicone oil				0. 01	g
37		1	BBBBB09C0000006	601glue			HCNBOND 601 20g	0. 1	g
38		1	FL-7700002	768 treating agent			HCNBOND 768 40ml	0. 15	ml