

BOM OF Bluetooth Extender

Issued Date

2013.10.29

NO	Q'ty	Description	Reference	Part	Vendor	Remarks
1	1	Antenna	ANT1	Wire Antenna	Seoby	
2	1	Chip Bead,#1608	B1	CIM10J102NC,1K	Any	
3	2	Chip capacitor,#1608	C56	10uF/6V3,Y5V,M	Any	
4	2	Chip capacitor,#1608	C64,C67	2.2uF/6V3,Y5V,Z	Any	
5	3	Chip capacitor,#1608	C51,C54,C57	1uF/16V,X7R,K	Any	
6	6	Chip capacitor,#1608	C37,C49,C50,C52,C53,C63	100nF/50V,X7R,K	Any	
7	1	Chip capacitor,#1608	C65	15pF/50V,COG,J	Any	
8	1	Chip capacitor,#1608	C34	5pF/50V, COG,C	Any	
9	1	Chip tantal Capacitor	TC1,TC2,TC3,TC4	47uF/16V,M, B	Any	
10	1	Chip tantal Capacitor	C48	10uF/10V,M, A	Any	
11	3	IR LED	D2,D4,D5,D8,D10	IR20°	Raytron	
12	4	Chip Schotky Diode	D6,D7,D11,D12	MA729,Mark=UM	KEC	
13	1	TVS Diode, #5530	D9	SMAJ5.0A	Any	
14	1	SMD Mini USB Jack	J3	SMD USB_Mini_B(5Pin)	Any	
15	2	SMD Stero Jack	J4,J5	PJ3027E,5Pin	Any	
16	1	CHIP LED, #3216	LED1	WR201UB/W, Blue	Any	
17	1	Chip Inductor, #1608	L1	1uH,CI-B1608102KJT	Any	
18	1	Chip Inductor, #1608	L10	15nH,CIH10T15NJNC	Any	
19	3	Chip Transistor, SOT23	Q3,Q4,Q9	2SC5344Y(FAY),SOT23	AUK	
20	1	Chip Transistor, SOT23	Q5	KTA1504Y(ASY),SOT23	KEC	
21	2	Chip Transistor, SOT23	Q6,Q8	KRC246S,SOT23	KEC	
22	11	Chip Resistor, #1608	R9,R10,R28,R36,R37,R45 ,R46,R54,R72,R73,R99	100KΩ,1/4W,J	Any	
23	2	Chip Resistor, #1608	R42,R47	10KΩ,1/4W,J	Any	
24	1	Chip Resistor, #1608	R48	1KΩ,1/4W,J	Any	
25	4	Chip Resistor, #1608	R29,R38,R55,R87	100Ω,1/4W,J	Any	
26	6	Chip Resistor, #1608	R43,R44,R49,R83,R84,R89	22Ω,1/4W,J	Any	
27	2	Chip Resistor, #1608	R25,R40	10Ω,1/4W,J	Any	
28	2	Chip Resistor, #1608	R39,R41	1Ω,1/4W,J	Any	
29	1	Slide Switch	SW1	CTS-2235	Any	
30	1	SMD Tactile SW	S5	KPT-1102A, H=5m/m	Any	
31	1	IC, LDO	U2	EUP7913A-33V1,SOT23-5	EUTECH	
32	1	IC, Micom	U8	MC95FR3128M,TSSOP28	Abov	
33	1	Bluetooth Module	U27	MBL0402E-1, QFP44	Addanis	
34	1	Resonator, DIP	Y2	8MHz(3 Pin)	CQ	
35	1	PCB		SBHE-6100-10000-130724	Fine Circuit	
36	1	Printed Lenz		Lenz(Bluetooth Extender)	Seoby	
37	1	Bottom Case		Bottom(Bluetooth Extender)	Seoby	
38	1	Weight Cover		Weight Cover	Seoby	
39	1	Nut		Hexa Nut(Hexa*21.7*10.5)	Any	
40	1	Button Knob		Button(Bluetooth Extender)	Seoby	
41	1	Switch Knob		Switch(Bluetooth Extender)	Seoby	
42	4	Rubber Foot		Bottom Foot(Ø8.5*2.0t)	Seoby	
43	1	Screw		Screw(PT2,2.3*8)	Any	