

BOM		project number: BULE			
Model number: HZL_BLUE_BM_APPLE			Version:V02	Date	2012/11/2
NO.	Material	Specifications and description	Bit number	Quantity	Remark
1	SMT schottky diode	BAT54C, SOT-23, panjit	D2	1	
2	SMD LED	LED, 0805, RED, Everlight	D3, D5	2	
3	SMD LED	LED, 0805, BLUE, Everlight	D4	1	
4	SMT capacitance	3PF/10v, ±0.25PF, 0402, muRata	C12	1	
6	SMT capacitance	X7R, 105/16V, ±10%, 0402, muRata	C1, C2, C3, C6, C7, C8, C9, C10, C17, C18	10	
5	SMT capacitance	X5R, 106/16V, ±10%, 0603, muRata	C4, C5, C11	3	
7	Chip Resistor	100R±1%, 1/10W, 0402, yageo	R3, R4, R8, R13, R20	5	
10	Chip Resistor	2.2k±1%, 1/10W, 0402, , yageo	R1, R2, R7, R9, R11, R14, R15, R16, R17, R19	10	
12	Chip Resistor	10k±1%, 1/10W, 0402, , yageo	R5, R6, R10, R12, R18	5	
13	SMD IC	LP4062B5F, SOT23-5T, Low Power	U3	1	
14	SMD IC	PIC18F13K22-I/SS, SSOP20, Microchip	U2	1	
15	SMD MOSFET	RTR020P02, SOT-23, ROHM	Q2	1	
16	SMD MOSFET	RTR020N05, SOT-23, ROHM	Q1	1	
17	SMT triode	MMBT4401LT1G, SOT-23, ON	Q3	1	
18	SMT triode	MMBT4403LT1G, SOT-23, ON	Q4	1	
19	Touch switch	TS-028	U7	1	
20	Lithium battery	3.7V, 160mAH, Precedent	J5	1	
21	Red wire	Diameter: φ0.4mm, L:5cm	J3	3	
22	Black wire	Diameter: φ0.4mm, L: 5cm	J3	3	
23	Golden line	Diameter: φ0.4mm, L: 5cm	J3	2	
24	Blue wire	Diameter: φ0.4mm, L: 5cm	J3	2	
25	Green wire	Diameter: φ0.4mm, L:5cm	J3	1	
26	Insulation paper	28mm*15mm	\	1	
27	Buzzer	φ9*5 (mm)	J6	1	
28	PCB	HZL_BLUE_BM_APPLE, 2012-11-02		1	
29	PCB	USB-CON-V02.pcb		1	
30	Shielded wire (100cm)	Diameter: φ2mm, L:62mm, Joint forehead sensor	external	1	
31	Shielded wire (200cm)	Diameter: φ2mm, L:192mm, Joint Ear sensor	external	1	
32	Shielded wire (400cm)	Diameter: φ2mm, L:240mm, Joint lamp control	external	1	
33	USB-1	USV-S-012-02, 12PIN	J2	1	
34	USB-2	Supporting -1	external	1	

35	Apple Ic	CPIOS, 3959	U5	1
36	Brain module	TGM module	External module	1
37	Bluetooth module	BM57	U4	1
38	LED	FH2038RB2-SMD, Red and Blue	External module	1
39				
40	Controller shell		Objects have provided by the manufacturer,takes material object as the standard	1
41				
42				
43	Ear clip			1
44	Line to ear	φ 2, 1.5A		2
45	Ear sensor	M2*3. 6 (mm)		2
46	Nut	M2		2
47	Spring	φ 2. 2*2 (mm)		1
48	Bolt	φ 1. 45*11 (mm)		1
49				
50	Forehead clip	17. 5*6*5. 6 (mm)		1
51				
52	Screw	M1. 45*2. 4 (mm)		15
53				
54	Band			1