

BLE module BOM

NO	ITEM	DESCRIPTION	TYPE(SIZE)	Q'ty	Location	MANUFACTURER
				Unit		
전자물						
1	IC BLE MCU	nRF51822, QFAC R7, Rev3	QFN48	1	U1	NORDIC
2	IC EEPROM	HT24LC02A	SOT23-5	1	U2	HOLTEK
3	IC FEM	RFX2411N	QFN-20	1	U3	Skyworks
4	TR NPN	2SC4081	SC-70	2	Q1,Q2	Rohm
5	IC Crystal	32.768KHz	3215	1	Y1	
6	IC Crystal	16MHz/9pF	2025	1	Y2	
7	TVS DIODE	SD05C	SOD-323	1	D1	Semtech
8	MultiLayer Filter	LF1608-B2R4KCB	1608	1	F1	ACX
9	Inductor Chip	1.2nH	1005	1	L5	
10	Inductor Chip	1.5nH	1005	1	L6	
11	Inductor Chip	2.4nH	1005	1	L2	
12	Inductor Chip	3.3nH	1005	1	L1	
13	Inductor Chip	10nH	1005	1	L3	
14	Resistor	0	1005	2	R15,R16	
15	Resistor	220	1005	2	R2,R3	
16	Resistor	1K	1005	2	R5,R9	
17	Resistor	1.5K	1005	2	R17,R18	
18	Resistor	2.2K	1005	2	R7,R8	
19	Resistor	4.7K	1005	2	R6,R10	
20	Resistor	10K	1005	4	R11,R12,R13,R14	
21	Resistor	12K	1005	1	R4	
22	Capacitor	0.2pF	1005	1	C22	
23	Capacitor	1pF	1005	3	C11,C23,C25	
24	Capacitor	1.2pF	1005	1	C8	
25	Capacitor	12pF	1005	4	C1,C2,C3,C4	
26	Capacitor	220pF	1005	2	C21,C24	
27	Capacitor	1nF	1005	1	C7	
28	Capacitor	47nF	1005	1	C12	
29	Capacitor	100nF	1005	3	C5,C13,C16	
30	Capacitor	1uF	1005	1	C20	
31	Capacitor	4.7uF/6.3V	1608	1	C17	
32	Connector	15001WR-04	4pin SMD	1	J1	YEONHO
33	Connector	12505WS-06	6pin SMD	1	J2	YEONHO
34	Shield CAN	Metal 0.3T	SMD	1		
35	ANT	ALA931C5	SMD	1	ANT1	AMOTECH
36	PCB	2ayer, 1.0T, Rev.2		1		한샘
Packing						
35	라벨			1		
36	Box			1		