Item	Quantity	Reference	Part
CERAMIC			
1	16	C1,C2,C3,C4,C5 C6,C7,C8,C9,C10 C11,C12,C13,C14,C15 C16	0.018uF/50V/1608
2	1	C17	1uF/50V/1608
3	3	C18,C19,C20	0.22uF/50V/1608
4	4	C21,C22,C39,C40	18pF/50V/1608
5	18	C23,C24,C25,C26,C27 C28,C30,C32,C33,C34 C35,C36,C42,C43,C45 C47,C48,C49	0.1uF/50V/1608
6	2	C37,C38	10pF/50V/1608
7	1	C44	0.01uF/250VAC(MF)
TANTAL&TNR			
8	3	TC1,TC2,TC4	4.7uF/10V/P
9	6	TC3,TC5,TC6,TC7,TC10 TC11	10uF/10V/P
10	2	TC8,TC9	47uF/10V/B
11	1	RV1	CNR14D471K
RESISTOR			
12	10	R1,R7,R13,R14,R15 R21,R25,R26,R27,R34	1K/F/2012
13	3	R3,R10,R20	1.5M/F/2012
14	6	R4,R12,R16,R24,R28 R33	0.3/F/2012/Burden
15	6	R5,R11,R17,R23,R29 R32	0.75/F/2012/Burden
16	6	R6,R8,R18,R22,R30,R31	2.7/F/2012/Burden
17	3	R35,R36,R37	330/J/1608
18	17	R38,R42,R43,R44,R45 R49,R50,R51,R52,R53 R56,R57,R58,R60,R61 R62,R80	10K/J/1608
19	1	R65	470/F/1608
20	2	R68,R69	2/J/1608
21	1	R70	120/F/1608
DIODE&BEAD			
22	1	D1	LED_3pie(GREEN)
23	1	D2	LED_3pie(YELLOW)
24	1	D3	LED_3pie(RED)
25	4	D7,D8,D9,D13	SS14/SMA
26	2	D10,D11	RLZ5.6B(5.6V/0.5W)
27	1	D12	1N4148/LL34
28	15	L1,L2,L3,L4,L5 L6,L7,L8,L9,L10 L11,L12,L13,L17,L18	HB-1M2012-102JT
29	3	L14,L15,L16	HB-1M1608-102JT
30	1	F2	250V/2A 5.0mm
CONNECTOR			
31	2	J7 (2포인트 확인)	SMBTB08-2.25H-30-P
32	1	J10	HEADER/2.54/3 RA
33	2	J2,J8	HEADER/2.54/2
34	1	J9	5267-02A
35	1	ACN1	Header Pin 2*5 (2.54mmP, 20mmH)
36	1	ACN2	Header Pin 2*10 (2.54mmP, 20mmH)
37	1	MCN1	Header Socket 2*5 (2.54mmP, 8.5mmH)
38	1	MCN2	Header Socket 2*10 (2.54mmP, 8.5mmH)
39	3	AJ1,AJ2,AJ3	DC-002
40	1	MJ2	5267-06A
41	1	MJ10	BR-500SL(2P)
CABLE ASS'Y			
42	1	AP1	PG 터미널 70mm (적색)
43	1	AP2	PG 터미널 70mm (황색)
44	1	AP3	PG 터미널 80mm (흑색)
45	1	AP4	PG 터미널 90mm (백색)
POWER&SWITCH			
46	1	PM1	MS0405
47	4	SW1,SW2,SW3,SW7	KHT62
48	2	SW4,SW5	SS2203
49	1	SW8	KTF-01 4.3MM
IC			
50	1	U1	ADE7878
51	1	U5	FM24V01
52	1	U6	STM32F103CBT6
53	1	U8	KIA1117-3.3/SOT-223
54	1	U10	SP3483EN
CRYSTAL&OCILLATOR			
55	1	Y1	16.384MHz/SMD(3225)
56	1	Y2	32.768KHz/SMD(3215)
57	1	Y3	16MHz/SMD(3225)

TI ZIGBEE MODULE_BD PARTLIST

Item	Quantity	Reference	Part
CAPACITOR			
1	2	C15,C16	NC
2	1	C1	NC
3	1	C9	1.2pF
4	5	C2,C4,C13,C14,C22	10pF/50V(1005)
5	1	C17	15pF/50V(1005)
6	2	C19,C21	27pF/50V(1005)
7	1	C12	220pF/50V(1005)
8	3	C3,C10,C27	1nF/50V(1005)
9	6	C5,C6,C11,C18,C20,C23	100nF/50V(1005)
10	4	C7,C8,C25,C26	1uF/50V(1005)
TANTAL			
11	1	C24	10uF/10V(P-TYPE)
RESISTOR			
12	1	R13	0/J(1005)
13	3	R4,R5,R6	1K/F(1005)
14	6	R2,R7,R8,R9,R10,R12	4.3K/J(1005)
15	1	R11	10K/J(1005)
16	1	R3	56K/J(1005)
INDUCTOR			
17	3	L4,L5,L7	1nH/(1005)
18	1	L1	1.5nH(1005)
19	3	L2,L6,L8	HB-1M1005-102J
CONNECTOR & SWITCH			
20	1	RW1	KHT42
21	1	ANT1	CMJ-S00-001
22	2	CN1.CN2	SMBTB08-2.75H-30-S
23	1	J2	HEADER 2X5 1.27mm RA
IC			
24	1	U1	CC2591
25	1	U2	CC2530
CRISTAL			
26	1	X1	32Mhz 3225