

# BOM

No.	Name	Specificital	Qut.	Location
1	Capacitor	Capacitor,0402 NPO 1pF $\pm$ 0.1 pF 50V	1	C7
2	Capacitor	Capacitor, 2.7pF, NP0, $\pm$ 0.1 pF, 0402	1	C6
3	Capacitor	Capacitor, 18pF, NP0, $\pm$ 2%, 0402	1	C11
4	Capacitor	Capacitor, 220pF, NP0, $\pm$ 2%, 0402	1	C8
5	Capacitor	0402 X7R 100nF $\pm$ -10% 10V	2	C1, C12,
6	Capacitor	0402 X5R 1000nF $\pm$ -10% 10V	5	C9, C10, C13, C14, C15
7	Capacitor	CAP_2.2uF_0603_X5R_ $\pm$ 10%_ 10V	1	C3
8	Capacitor	0603 X5R 10uF $\pm$ -10% 10V	2	C2, C20
9	Capacitor	CAP_22uF_0603_X5R_ $\pm$ 20%_ 10V	1	C18
10	Inductor	High frequency chip inductor $\pm$ 5% 1.3nH 0402	1	L2
11	Inductor	High frequency chip inductor $\pm$ 5% 1.3nH 0402	1	L2
12	Inductor	High frequency chip inductor $\pm$ 5% 2.4nH 0402	1	L1
13	Magnetic Bead	( BLM18KG601SN1D )	1	L4
14	Inductor	Inductor_47uH_60mA ; ESR 3.7 $\Omega$ ; 11Mhz_0805	1	L3
15	Diode	VMNZC6.8CM8XT2R	2	D2, D6
16	IC	BLE_32-bit MCU_512kB Flash_48kB SRAM_48MHZ_BLE5.0_TSSOP16	1	U1
17	Crystal	CRYSTAL_24M_ $\pm$ 10PPM_18PF_ -30 $^{\circ}$ C $\sim$ 85 $^{\circ}$ C_3225	1	X1