

### 981813 Gateway PCB ASSY- Zigbee Radio Parts List

No.	ID	Manufacturer	Manufacturer P/N	Description	Quantity	Unit
1	C1	Murata	GJM1555C1HIROBB01D	1pF, 50V, ±1%, Ceramic Capacitor COG/NP0 HIGH Q RF DESIGN, 0402	1	EA
2	C7, C15, C16	Murata	GRM188R71E105KA12D	1μF, 25V, ±10%, Ceramic Capacitor, X7R, 0603	3	EA
3	C17, C18, C19	TDK Corporation	C1005X5R1A104K	100nF, 10V, ±15%, Ceramic Capacitor, X5R, 0402	3	EA
4	C20, C21	Murata	GRM1555C1HI20JZ01D	12pF, 50V, ±5%, Ceramic Capacitor COG, 0402	2	EA
5	C6, C8	Taiyo Yuden	LMK212BJ106KG-T	10μF, 10V, ±10%, Ceramic Capacitor, X5R, 0805	2	EA
6	L4	Murata	LQG15HS3N3S02D	3.3nH, 300mA, ±10%, Ceramic Inductor, 0402	1	EA
7	L6	Murata	LQG15HS6N8J02D	6.8nH, 600mA, 240mOhm, Fixed Inductor SMD, 0402	1	EA
8	PF4	Netatmo	PIFA_TH_HI00P220_2480X500X40	PIFA ANTENNA 2.4GHZ WIRED 248X50X4	1	EA
9	R5, R16	Panasonic	ERJ2GE0R00X	0 Ohm, 1/16W, ±1%, RES TF, 0402	2	EA
10	R8, R38	Rohm Semiconductor	MCR01MRTF1003	100 kOhm, 1/16W, ±1%, RES TF 0402	2	EA
11	R6	Panasonic	ERJ-2RKF1004X	1 Mohm, 1/16W, ±1%, RES TF 0402	1	EA
12	U8	Johanson Technology Inc.	2450BM15A0015E	RF Balun 2.4GHZ-2.5GHZ 0805	1	EA
13	U10	Atmel	ATSAMR21E18A-MUT	IC MCU 32BIT 256KB FLASH 32QFN	1	EA
14	X1	TXC Corporation	7M-16.000MEEQ-T	16MHz ±10ppm Crystal 10pF 80 Ohms 4-SMD	1	EA