

Qty	Designator	Value	Description	Manufacturer	Manufacturer Part Number
2	C27, C31	0.5 pF	Capacitor, Ceramic, 50V, +/-0.1 pF, UHI Q NP0, SMT 0402	Johanson Technology	500R07S0R5BV4T
1	C25	0.7 pF	Capacitor, Ceramic, 50V, +/-0.1 pF, UHI Q NP0, SMT 0402	Johanson Technology	500R07S0R7BV4T
2	C1, C15	1.0 pF	Capacitor, Ceramic, 50V, +/-0.25 pF, HI-Q C0G, SMT 0402	Murata Electronics	GJM1555C1H1R0CB01D
1	C9	1.2 pF	Capacitor, Ceramic, 50V, +/-0.1 pF, UHI Q NP0, SMT 0402	Johanson Technology	500R07S1R2BV4T
1	C2	1.5 pF	Capacitor, Ceramic, 50V, +/-0.25 pF, HI-Q C0G, SMT 0402	Murata Electronics	GJM1555C1H1R5CB01D
1	C18	2.4 pF	Capacitor, Ceramic, 50V, +/-0.25 pF, HI-Q C0G, SMT 0402	Murata Electronics	GJM1555C1H2R4CB01D
1	C7	5.6 pF	Capacitor, Ceramic, 50V, +/-0.25 pF, HI-Q C0G, SMT 0402	Murata Electronics	GJM1555C1H5R6CB01D
1	C8	6.8 pF	Capacitor, Ceramic, 50V, +/-0.25 pF, HI-Q C0G, SMT 0402	Murata Electronics	GJM1555C1H6R8CB01D
2	C3, C6	10 pF	Capacitor, Ceramic, 50V, +/-5%, HI-Q C0G, SMT 0402	Murata Electronics	GJM1555C1H100JB01D
1	C11	12 pF	Capacitor, Ceramic, 50V, +/- 5%, HI-Q C0G, SMT 0402	Murata Electronics	GJM1555C1H120JB01D
2	C38, C41	18 pF	Capacitor, Ceramic, 50V, +/-5%, C0G, SMT 0402	Murata Electronics	GRM1555C1H180JZ01D
7	C19, C26, C30, C32, C37, C40, C42	47 pF	Capacitor, Ceramic, 50V, +/-5%, C0G, SMT 0402	Murata Electronics	GRM1555C1H470JZ01D
7	C4, C5, C12, C17, C21, C22, C36	100 pF	Capacitor, Ceramic, 50V, +/-5%, C0G, SMT 0402	Murata Electronics	GRM1555C1H101JZ01D
5	C10, C13, C14, C16, C29	1000 pF	Capacitor, Ceramic, 50V, +/-10%, X7R, SMT 0402	Murata Electronics	GRM155R71H102KA01D
3	C24, C34, C43	0.01 uF	Capacitor, Ceramic, 25V, +/-10%, X7R, SMT 0402	Murata Electronics	GRM155R71E103KA01D
4	C20, C23, C33, C44	0.1 uF	Capacitor, Ceramic, 10V, +/-10%, X5R, SMT 0402	Murata Electronics	GRM155R61A104KA01D
3	C28, C35, C39	1 uF	Capacitor, Ceramic, 6.3V, +/-20%, X5R, SMT 0402	Murata Electronics	GRM155R60J105ME19D
1	FL1		Filter, Bandpass, 2.4 GHz	Johanson Technology	2450BP15B100E
1	J1		Connector, Receptical, Ultra-mini coax SMD	Hirose Electric Co Ltd	U.FL-R-SMT(10)
3	L1, L2, L3	2.4 nH	Inductor, Ceramic, +/-0.3 nH, SMT 0402	Johanson Technology	L-07C2N4SV6T
1	L8	2.7 nH	Inductor, Ceramic, +/-0.3 nH, SMT 0402	Johanson Technology	L-07C2N7SV6T
1	L10	3.3 nH	Inductor, Ceramic, +/-0.3 nH, SMT 0402	Johanson Technology	L-07C3N3SV6T
1	L6	3.9 nH	Inductor, Ceramic, +/-0.3 nH, SMT 0402	Johanson Technology	L-07C3N9SV6T
2	L11, L12	4.7 nH	Inductor, Ceramic, +/-0.3 nH, SMT 0402	Johanson Technology	L-07C4N7SV6T
2	L7, L9	5.6 nH	Inductor, Ceramic, +/-0.3 nH, SMT 0402	Johanson Technology	L-07C5N6SV6T
1	L13	7.5 nH	Inductor, Ceramic, +/-5%, SMT 0402	Johanson Technology	L-07C7N5JV6T
1	L4	18 nH	Inductor, Ceramic, +/-5%, SMT 0402	Johanson Technology	L-07C18NVJ6T
1	R5	2.2 ohm	Resistor, 1%, +/-100 ppm/C, SMT 0402	Vishay/Dale	CRCW04022R20FKED
1	R2	360 ohms	Resistor, 1%, +/-100 ppm/C, SMT 0402	Panasonic - ECG	ERJ-2RKF3600X
1	R1	1.60 kohms	Resistor, 1%, +/-100 ppm/C, SMT 0402	Panasonic - ECG	ERJ-2RKF1601X
1	R3	470 kohms	Resistor, 1%, +/-100 ppm/C, SMT 0402	Yageo	RC0402FR-07470KL
1	R4	560 kohms	Resistor, 1%, +/-100 ppm/C, SMT 0402	Panasonic - ECG	ERJ-2RKF5603X
1	U6	MRF24J40	Transceiver, 2.4 GHz, IEEE 802.15.4 QFN	Microchip Technology Inc.	MRF24J40-I/ML
1	U7	NC7SZ125P5X	Buffer, Tri-State, SC-70-5	Fairchild Semiconductor	NC7SZ125P5X
1	U5	TC1187VCT713	Regulator, LDO	Microchip Technology Inc.	TC1187VCT713
2	U1, U4	UPG2179TB	Switch, RF, SPDT, 6-SMINI	CEL/NEC	UPG2179TB-E4-A
1	U2	UPC8233TK	Amplifier, Low-noise, 6MINIMOLD	CEL/NEC	UPC8233TK-A
1	U3	UPG2250T5N	Amplifier, RF, 6-TSON	CEL/NEC	UPG2250T5N-E2-A
1	X1	20.000 MHz	Crystal, 20.000 MHz, 3.5x2.5mm SMD	Abracon	ABM8-156-20.000MHz
1	Shield		Shield, custom	Bi Link	24J40MB-SHLD-40166