

Bill of Materials

Pcs/unit	Description	Manufacturer	Part number	Supplier	Ordering code	Alt. Manufacturer	Alt. Part number	Alt. Supplier	Alt. Ordering code	Comments
16	SMA connector, female, through hole	Wellshow Technology	C02AN31P00101	Freber	C02AN31P00101					
2	Resistor, 100 ohms, 0402, $\pm 1\%$	Koa	RK73H1ETTP1000F	ELFA	60-475-75					
2	MITSUBISHI CHIP ANTENNA	Mitsubishi	AMD1103-ST01T	Mitsubishi	AMD1103-ST01T					
1	PULSE CHIP ANTENNA	Pulse	W3013	Pulse	W3013					
1	PULSE HELICAL ANTENNA	Pulse	W3127	Pulse	W3127					
1	PULSE HELICAL ANTENNA	Pulse	W3126	Pulse	W3126					
2	ANTENNA FACTOR (ANT-315-HETH), ANTENNA 315MHZ THRU HOLE	Linx Technologies Inc	ANT-315-HETH	Digikey	ANT-315-HETH-ND					
1	ANTENNA FACTOR (ANT-433-HETH), ANTENNA 433MHZ THRU HOLE	Linx Technologies Inc	ANT-433-HETH	Digikey	ANT-433-HETH-ND					
1	ANTENNA FACTOR (ANT-916-HETH), ANTENNA 916MHZ THRU HOLE	Linx Technologies Inc	ANT-916-HETH	Digikey	ANT-916-HETH-ND					
12	Capacitor, general, 0402; Do not mount									
7	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP	ELFA	60-470-05					
2	Inductor, 27n, 0402, $\pm 5\%$	Murata	LQG15HS27NJ02D	ACTE						
1	Capacitor, 8p2, 0402, NP0, $\pm 0.25\text{pF}$, 50V	Murata	GRM1555C1H8R2CZ01D							
2	Inductor, 10n, 0402, $\pm 5\%$	Murata	LQG15HS10NJ02D			Coilcraft				

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3	Inductor, 22n, 0402, ±5%	Murata	LQG15HS22NJ02D	ACTE						
1	Inductor, 12n, 0402, ±5%	Murata	LQG15HS12NJ02D	ACTE						
1	Inductor, 39n, 0402, ±5%	Murata	LQG15HS39NJ02D							
1	Inductor, 18n, 0402, ±5%	Murata	LQG15HS18NJ02D	ACTE						
1	Capacitor, 2p7, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H2R7CZ01D							
1	Capacitor, 7p5, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H7R5CZ01D							
1	Inductor, 68n, 0402, ±5%	Coilcraft								
1	Capacitor, 6p8, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H6R2CZ01D							
1	Capacitor, 5p6, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H5R6CZ01D							
1	Inductor, 47n, 0402, ±5%	Murata	LQG15HS47NJ02D							
1	Inductor, 100n, 0402, ±5%	Murata	LQG15HSR10J02							
1	Capacitor, 1p2, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R2CZ01D							
1	Capacitor, 22p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H220JZ01D							
1	Inductor, 5n6, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS5N6S02D	ACTE		Coilcraft		FINNES IKKE SOM 5%, GJO 18_03_2004, bruk S- tolerance		

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