

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number
U1	CC1101	1	Single-chip transceiver	TI	CC1101
U2	CC1190	1	LNA and PA 26 dBm	TI	CC1190
C28	C_0402	1	Capacitor, general, 0402; Do not mount		
C125	C_0P8_0402_NP0_B_50	1	Capacitor, 0.8p, 0402, NP0, +/-0.1pF, 50V	Murata	GRM1555C1HR80BZ01D
C41;C51;C91;C111;C141;C151;C181	C_100N_0402_X5R_K_10	7	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C124	C_100P_0402_NP0_J_50	1	Capacitor, 100p, 0402, NP0, 5% 50V	Murata	GRM1555C1H101JZ01D
C2	C_10U_0603_X5R_M_4	1	Capacitor, 10u, 0603, X5R, 20%, 4V	Murata	GRM188R60G106ME47D
C22;C52;C81	C_12P_0402_NP0_J_50	3	Capacitor, 12p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H120JZ01D
C101;C132	C_15P_0402_NP0_J_50	2	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D
C27	C_1N_0402_NP0_J_50	1	Capacitor, 1n, 0402, NP0, 5%, 50V	Murata	GRM1555C1H102JA01D
C121	C_1P0_0402_NP0_C_50	1	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D
C122;C131	C_1P5_0402_NP0_C_50	2	Capacitor, 1p5, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H1R5CZ01D
C1;C30	C_1U_0402_X5R_K_6P3	2	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D
C3	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D
C161	C_27P_0402_NP0_J_50	1	Capacitor, 27p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H270JZ01D
C24	C_3P3_0402_NP0_C_50	1	Capacitor, 3p3, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H3R3CZ01D
C21;C26;C123	C_47P_0402_NP0_J_50	3	Capacitor, 47p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H470JZ01D
C25	C_7P5_0402_NP0_C_50	1	Capacitor, 7p5, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H7R5CZ01D
U3	EPCOS_B3588	1	SAW filter, 915 MHz	EPCOS	B3588
L25	L_10N_0402_G_LQW	1	Inductor, 10n, 0402, ±2%, wire-wound type	Murata	LQW15AN10NG00D
L2	L_11N_0402_J_LQW	1	Inductor, 11n, 0402, ±5%, wire-wound type	Murata	LQW15AN11NJ00
L121;L131	L_12N_0402_J_LQW	2	Inductor, 12n, 0402, ±5%, wire-wound type	Murata	LQW15AN12NJ00D
L122;L132	L_18N_0402_J_LQW	2	Inductor, 18n, 0402, ±5%, wire-wound type	Murata	LQW15AN18NJ00D
L130	L_1N5_0402_S	1	Inductor, 1n5, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N5S02D
L21	L_22N_0603_J_LQW	1	Inductor, 22n, 0603, ±5%, wire-wound type	Murata	LQW18AN22NJ10
L23	L_2N9_0402_B_LQW	1	Inductor, 2n9, 0402, wire-wound type, ±0.1nH	Murata	LQW15AN2N9B00D
L22	L_7N5_0402_G_LQW	1	Inductor, 7n5, 0402, ±2%, wire-wound type	Murata	LQW15AN7N5G00
L24	L_9N1_0402_G_LQW	1	Inductor, 9n1, 0402, ±2%, wire-wound type	Murata	LQW15AN9N1G00D
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1k ohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D
P4	PINROW_SMD_2X7_2.54MM_f	1	2x7 pinrow, 2.54mm pitch, SMD type with locating peg	GradConn	BB02-HP141-KB3-060A00
R3-5	R_10K_0402_F	3	Resistor, 10k ohms, 0402, ±1%	Koa	RK73H1ETTP1002F
R161	R_10_0402_G	1	Resistor, 10 ohms, 0402, 2%	Koa	RK73H1ETTP10R0F (±1%)
R141	R_3K3_0402_F	1	Resistor, 3k3 ohms, 0402, ±1%	Koa	RK73H1ETTP3301F
R151	R_47_0402_G	1	Resistor, 47 ohms, 0402, 2%	Koa	RK73H1ETTP47R0F (±1%)
R171	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F
P3	SMA_SMD	1	SMA connector, straight SMD-mount	Hus-Tsan Group Taiwan	SMA-10V21-TGG
P1-2	SMD_SOCKET_2x10	2	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR
P5	Shield BMIS-202	1	Surface Mount Shield Two-Piece. Cover ordered separately	Laird	BMI-S-202-F
P5 cover	Shield BMIS-202 cover	1	Cover for SHIELD BMIS-202	Laird	BMI-S-202-C
X1	X_26.000/20/40/40/10	1	Crystal, 26.000000MHz, 10.0pF, 50 ohms max, 20/40 ppm, -40C :NDK		NX3225GA, EXS00A-CG01