

CC1101EM-868-915 Partlist

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number
U1	CC1101	1	Single-chip transceiver	TI	CC1101
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
C81;C125	C_12P_0402_NP0_J_50	2	Capacitor, 12p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H120JZ01D
C101	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D
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	C_1U_0805_X7R_K_16	1	Capacitor, 1u, 0805, X7R, 10%, 16V	Murata	GRM21BR71C105KA01L
C123	C_3P3_0402_NP0_C_50	1	Capacitor, 3p3, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H3R3CZ01D
C126	Do not mount	0			
L121;L123-124;L131	L_12N_0402_J_LQW	4	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
L125	Do not mount	0		#N/A	
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1Kohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D
R171	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F
P3	SMA_SMD	1			
P1-2	SMD_SOCKET_2x10	2	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR
X1	X_26.000/20/40/40/10	1	Crystal, 26.000000MHz, 10.0pF, 50 ohms max, 20/40 ppm, -40C to +85C	NDK	NX3225GA, EXS00A-CG01972