

CC1175 EM Rev 1.1.0 868/915 MHz version

Including LPF

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number
C11	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C12	C_100N_0402_X5R_K_10	0	Do not mount		
C41	C_10N_0402_X7R_K_25	0	Do not mount		
C51	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C52	C_2U2_0603_X5R_K_10	1	Capacitor, 2u2, 0603, X5R, 10%, 10V	Murata	GRM188R61A225KE34D
C53	C_0402	0	Do not mount		
C61	C_220N_0402_X5R_K_10	1	Capacitor, 220n, 0402, X5R, 10%, 10V	Murata	GRM155R61A224KE19D
C121	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C131	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C151	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C171	C_10N_0402_X7R_K_25	1	Capacitor, 10n, 0402, X7R, 10%, 25V	Murata	GRM155R71E103KA01D
C172	C_100P_0402_NP0_J_50	1	Capacitor, 100p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H101JZ01D
C173	C_33P_0402_NP0_J_50	1	Capacitor, 33p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H330JZ01D
C174	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D
C175	C_3P0_0402_NP0_C_50	1	Capacitor, 3p0, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H3R0CZ01D
C176	C_1P0_0402_NP0_B_50	1	Capacitor, 1p, 0402, NP0, +/-0.1pF 50V	Murata	GRM1555C1H1R0BZ01D
C177	C_0402	0	Do not mount		
C181	C_2P2_0402_NP0_C_50	1	Capacitor, 2p2, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H2R2CZ01
C191	C_0402	0	Capacitor, general, 0402; Do not mount		
C211	C_10N_0402_X7R_K_25	1	Capacitor, 10n, 0402, X7R, 10%, 25V	Murata	GRM155R71E103KA01D
C221	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C231	C_1N8_0402_U2J_J_10	1	Capacitor, 1n8, 0402, U2J, 5%, 10V	Murata	GRM1557U1A182JA01D
C251	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C261	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C271	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C281	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C291	C_47N_0402_X7R_K_25	1	Capacitor, 47n, 0402, X7R, 10%, 25V	Murata	GRM155R71E473KA88D
C301	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D
C302	C_0402	0	Capacitor, general, 0402; Do not mount		
C311	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D
C321	C_100N_0402_X5R_K_10	0	Do not mount		
C322	C_22P_0402_NP0_J_50	0	Do not mount		
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1k ohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D
L171	L_10N_0402_J_LQW	1	Inductor, 10n, 0402, ±5%, wire-wound type	Murata	LQW15AN10NJ00D
L172	L_7N5_0402_G_LQW	1	Inductor, 7n5, 0402, ±2%, wire-wound type	Murata	LQW15AN7N5G00
L173	L_18N_0402_J_LQW	1	Inductor, 18n, 0402, ±5%, wire-wound type	Murata	LQW15AN18NJ00D
L174	L_12N_0402_J_LQW	1	Inductor, 12n, 0402, ±5%, wire-wound type	Murata	LQW15AN12NJ00D
L191	L_0402	0	Inductor, general, 0402; Do not mount		
L193	L_0402	0	Inductor, general, 0402; Do not mount		
L201	L_0402	0	Inductor, general, 0402; Do not mount		
P1	SMD_SOCKET_2x10	1	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR
P2	SMD_SOCKET_2x10	1	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR
P3	SMA_SMD	1	SMA connector, straight SMD-mount		
R12	R_0_0402	1	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP
R141	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F
R171	R_10_0402_J	1	Resistor, 10 ohms, 0402, 5%	Koa	RK73H1ETTP10R0F (±1%)
L192	R_0_0402	1	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP
C201	R_0_0402	1	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP
R321	R_0402	0	Resistor, general, 0402; Do not mount		
R322	R_0_0402	0	Do not mount		
U1	CC1175	1	TI transceiver	Texas Instruments	
U2	TPS79930	0	Do not mount		
X1	X_32.000/10/20/60/10	1	Crystal, 32.00000MHz, FA-128, 10.0pF, +/-10ppm, (FTC: +/-20ppm at -40/85C), 60ohms	Epson Toyocom	FA-128, 32MHZ, 10PPM, 10PF, 2
X2	TG_5021CG	0	Do not mount		