

CC2533EM PARTLIST 1.7.0

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number
U1	CC2533	1	Single-chip SoC	TI	CC2533
C253;C255;C257	C_0402, DO NOT MOUNT	0	#N/A	#N/A	#N/A
C101;C211;C241;C271;	C_100N_0402_X5R_K_10	5	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C221;C231	C_15P_0402_NP0_J_50	2	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D
C251;C261	C_18P_0402_NP0_J_50	2	Capacitor, 18p, 0402, NP0, 5% 25V	Murata	GRM1555C1H180JZ01D
C252;C262	C_1P0_0402_NP0_C_50	2	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D
C391;C401	C_1U_0402_X5R_K_6P3	2	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D
C272	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D
C254	C_2P2_0402_NP0_C_50	1	Capacitor, 2p2, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H2R2CZ01
C341	C_2P4_0402_NP0_B_50	1	Capacitor, 2p4, 0402, NP0, +/-0.1pF, 50V	Murata	GRM1555C1H2R4BZ01
C1	C_2U2_0402_X5R_M_6P3VDC	1	Capacitor, 2u2, 0402, X5R, +/-20%, 6.3V	Murata	GRM155R60J225ME
L251	L_0402, DO NOT MOUNT	0	#N/A	#N/A	#N/A
L252;L261	L_2N0_0402_S	2	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1Kohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D
R256	R_0_0402_3PORT_1-2	1	Resistor 3 ports, 0 ohm, 0402, mounted between pad 1 and pad 2	Koa	RK73Z1ETTP
R301	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
X1	X_32.000/10/10/40/12	1	Crystal, 32.000000MHz, FA-128, 12.0pF, +/-10ppm, (FTC: +/-10ppm @ Epson Toyocom	Epson Toyocom	FA-128, 32MHZ, 10PPM, 12PF, 2
Total		27			