CC2543EM R1.1.0

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number	Supplier	Ordering code	Alt. Manufacturer	Alt. Part number	Alt. Supplier	Alt. Ordering code	Comments
U1	CC2543	1	2.4 GHz SoC	ON	CC2543	TI	CC2543					
C111	C_0402	0	Capacitor, general, 0402; Do not mount									
C121;C151;C181;C232;C291	C_100N_0402_X5R_K_10	5	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D							
C161;C171	C_12P_0402_NP0_J_50	2	Capacitor, 12p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H120JA01D							
C201;C211	C_18P_0402_NP0_J_50	2	Capacitor, 18p, 0402, NP0, 5% 25V	Murata	GRM1555C1H180JZ01D	ELFA	65-881-23					
C131	C_1N_0402_NP0_J_50	1	Capacitor, 1n, 0402, NP0, 5%, 50V	Murata	GRM1555C1H102JA01D							
C202-203;C212	C_1P0_0402_NP0_C_50	3	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D							
C301	C_1U_0402_X5R_K_6P3	1	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D							
C231	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D							
C261;C271;C281	C_2P4_0402_NP0_B_50	3	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	TTI						
L202	L_1N0_0402_S	1	Inductor, 1n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N0S02D			Coilcraft				
L201;L211	L_2N0_0402_S	2	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D							
L203	L_3N0_0402_S	1	Inductor, 3n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS3N0S02D	ACTE		Coilcraft				
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1k ohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D	ACTE						
R91-92;R101;R111	R_0402	0	Resistor, general, 0402; Do not mount									
R41;R51	R_10K_0402_F	2	Resistor, 10k ohms, 0402, ±1%	Koa	RK73H1ETTP1002F	ELFA	60-485-32					
R131	R_2K7_0402_F	1	Resistor, 2k7 ohms, 0402, ±1%	Koa	RK73H1ETTP2701F	ELFA	60-482-50					
R251	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F	ELFA	60-488-96					
P3	SMA_SMD	1	SMA connector, straight SMD-mount	Hus-Tsan Group Taiwan	SMA-10V21-TGG	EC Partner A/S	SMA-10V21-TGG					
P1-2	SMD_SOCKET_2x10	2	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR	Abacus				AFU, Arrow		Yes
X1	X_32.000/10/20/60/10	1	Crystal, 32.000000MHz, FA-128, 10.0pF, +/-10ppm, (FTC: +/-20ppm a	Epson Toyocom	FA-128, 32MHZ, 10PPM, 10PF, 2	ACTE	Q22FA1280009200					
Total number of components		33										