CC2545EM R1.1.0

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number	Supplier	Ordering code	Alt. Manufacturer
U1	CC2545	1	2.4 GHz SoC	TI	CC2545	TI	CC2545	
C2;C257	C_0402	0	Capacitor, general, 0402; Do not mount					
C3;C4;C5	C_1P8_0402_NP0_C_50	3	Capacitor, 1p8, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R8CZ01D			
C211;C251;C281;C331;C411;C431	C_100N_0402_X5R_K_10	6	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D			
C261;C271	C_12P_0402_NP0_J_50	2	Capacitor, 12p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H120JA01D			
C361;C371	C_15P_0402_NP0_J_50	2	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JA01D			
C301;C311	C_18P_0402_NP0_J_50	2	Capacitor, 18p, 0402, NP0, 5% 25V	Murata	GRM1555C1H180JZ01D	ELFA	65-881-23	
C221	C_1N_0402_NP0_J_50	1	Capacitor, 1n, 0402, NP0, 5%, 50V	Murata	GRM1555C1H102JA01D			
C302-303;C312	C_1P0_0402_NP0_C_50	3	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D			
C421	C_1U_0402_X5R_K_6P3	1	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D			
C332	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D			
C1	C_2U2_0402_X5R_M_6P3VDC	1	Capacitor, 2u2, 0402, X5R, +/-20%, 6.3V	Murata	GRM155R60J225ME	TTI		
L302	L_1N0_0402_S	1	Inductor, 1n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N0S02D			Coilcraft
L301;L311	L_2N0_0402_S	2	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D			
L303	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		
R3-6;R361;R371	R_0402	0	Resistor, general, 0402; Do not mount					
R181;R191	R_10K_0402_F	2	Resistor, 10k ohms, 0402, ±1%	Koa	RK73H1ETTP1002F	ELFA	60-485-32	
R221	R_2K7_0402_F	1	Resistor, 2k7 ohms, 0402, ±1%	Koa	RK73H1ETTP2701F	ELFA	60-482-50	
R256	R_0_0402_3PORT_1-2	1	Resistor 3 ports, 0 ohm, 0402, mounted between pad 1 and pad 2	Koa	RK73Z1ETTP	ELFA	60-470-05	
R351	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		
X1	X_32.000/10/20/60/10	1	Crystal, 32.000000MHz, FA-128, 10.0pF, +/-10ppm, (FTC: +/-20ppm at	Epson Toyocom	FA-128, 32MHZ, 10PPM, 10PF, 2	ACTE	Q22FA1280009200	
X2	X_32.768/20/30/40/12.5	1	Crystal, 32.768kHz, FC-12M, 12,5pF	Epson Toyocom	FC-12M, 32.768kHz, 20PPM, 12,5	ACTE		
Total number of components		**38**						