

CC2530EM Discrete Partlist 1.6

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number	Supplier	Ordering code
C1	C_2U2_0402_X5R_M_6P3VDC	1	Capacitor, 2u2, 0402, X5R, +/-20%, 6.3V	Murata	GRM155R60J225ME	TTI	
C101; 211; 241; 271; 311	C_100N_0402_X5R_K_10	5	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D		
C221; C231	C_12P_0402_NP0_J_50	2	Capacitor, 12p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H120JA01D		
C251; C261	C_18P_0402_NP0_J_50	2	Capacitor, 18p, 0402, NP0, 5%, 25V	Murata	GRM1555C1H180JZ01D	ELFA	65-881-23
C252; C254; C262	C_1P0_0402_NP0_C_50	3	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D		
C272	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D		
C321; C331	C_22P_0402_NP0_J_50	2	Capacitor, 22p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H220JZ01D		
C391; C401	C_1U_0402_X5R_K_6P3	2	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D		
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1k ohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D	ACTE	
L251	L_0402	0	Inductor, general, 0402; Do not mount				
L253	L_1N0_0402_S	1	Inductor, 1n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N0S02D		
L252; L261	L_2N0_0402_S	2	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D		
L255	L_3N0_0402_S	1	Inductor, 3n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS3N0S02D	ACTE	
L256	L_0402	0	Inductor, general, 0402; Do not mount				
P1; P2	SMD_SOCKET_2x10	2	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR	Abacus	
P3	SMA_SMD	1	SMA connector, straight SMD-mount	Hus-Tsan Group Taiwan	SMA-10V21-TGG	EC Partner A/S	SMA-10V21-TGG
R253	R_0402	0	Resistor, general, 0402; Do not mount				
R301	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F	ELFA	60-488-96
U1	CC2530	1	Single-chip SoC	TI	CC2530	TI	CC2530
X1	X_32.000/10/20/60/10	1	Crystal, 32.000000MHz, FA-128, 10.0pF, +/-10ppm, (FTC: +/-20ppm at -40/85C), 60ohms	Epson Toyocom	FA-128, 32MHZ, 10PPM, 1	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, 20PPI	ACTE	
Total number of components		30					