

CC2541S_BP 1.1.0

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number
C1	C_2U2_0402_X5R_M_6P3VDC	1	Capacitor, 2u2, 0402, X5R, +/-20%, 6.3V	Murata	GRM155R60J225ME
C101	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C211	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C221	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JA01D
C231	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JA01D
C241	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C251	C_18P_0402_NP0_J_50	1	Capacitor, 18p, 0402, NP0, 5%, 25V	Murata	GRM1555C1H180JZ01D
C252	C_1P0_0402_NP0_C_50	1	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D
C253	C_10N_0402_X7R_K_25	1	Capacitor, 10n, 0402, X7R, 10%, 25V	Murata	GRM155R71E103KA01D
C256	C_1P0_0402_NP0_C_50	1	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D
C257	C_0402	0	Capacitor, general, 0402; Do not mount		
C261	C_18P_0402_NP0_J_50	1	Capacitor, 18p, 0402, NP0, 5%, 25V	Murata	GRM1555C1H180JZ01D
C262	C_1P0_0402_NP0_C_50	1	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D
C271	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C272	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D
C311	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C321	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JA01D
C331	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JA01D
C391	C_1U_0402_X5R_K_6P3	1	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D
C401	C_1U_0402_X5R_K_6P3	1	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
L251	L_0402	0	Inductor, general, 0402; Do not mount		
L252	L_2N0_0402_S	1	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D
L253	L_1N0_0402_S	1	Inductor, 1n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N0S02D
L254	L_3N0_0402_S	1	Inductor, 3n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS3N0S02D
L261	L_2N0_0402_S	1	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D
P1, P2	SOCKET_1X10	2	1x10 pinrow, 2.54mm pitch, through-hole	Samtec	ESQ-110-13-S-S
P1A, P2A (DO NOT MOUNT)	SOCKET_1X10	0	1x10 pinrow, 2.54mm pitch, through-hole	Samtec	ESQ-110-13-S-S
P3 (DO NOT MOUNT)	SMA_SMD	0	SMA connector, straight SMD-mount	Hus-Tsan Group Taiwan	SMA-10V21-TGG
P4	PINROW_SMD_2X4_2.54MM	1	2x4 pinrow, 2.54mm pitch, SMD type	GradConn	BB02-HP081-KB3-060B00
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
R302, R306	R_0_0402	2	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP
R303, R307, R308, R309	R_0_0402	4	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP
R304	R_47K_0402_F	1	Resistor, 47k ohms, 0402, +/-1%	Koa	RK73H1ETTP4702F
R305	R_47K_0402_F	1	Resistor, 47k ohms, 0402, +/-1%	Koa	RK73H1ETTP4702F
U1	CC2541S	1	SimpleLink 2.4GHz BLE Wireless Network Processor	TI	CC2541S
U2	TMP006	1	Ultra-small, low power, and low cost passive infrared temperature sens	TI	TMP006AIYZFT
X1	X_32.000/10/10/40/12	1	Crystal, 32.000000MHz, FA-128, 12.0pF, +/-10ppm, (FTC: +/-10ppm a	Epson Toyocom	FA-128, 32MHz, 10PPM, 12PF, 2
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

Total number of components