

## CC2511Dongle Part list

Ref.	Part name	unit	Description
C1	C_1U_0603_X5R_L_6P3	1	Capacitor, 1u, 0603, X5R, 15%, 6.3V
C16,C221,C251,C291	C_100N_0402_X5R_K_10	4	Capacitor, 100n, 0402, X5R, 10%, 10V
C191,C261	C_220P_0402_NP0_J_50	2	Capacitor, 220p, 0402, NP0, 5%, 50V
C2	C_4U7_0603_X5R_K_6	1	Capacitor, 4u7, 0603, X5R, 10%, 6.3V
C203,C214	C_33P_0402_NP0_J_50	2	Capacitor, 33p, 0402, NP0, 5%, 50V
C21	C_2U2_0805_X5R_K_10	1	Capacitor, 2u2, 0805, X5R, 10%, 10V
C231,C241	C_100P_0402_NP0_J_50	2	Capacitor, 100p, 0402, NP0, 5% 50V
C232,C242	C_1P0_0402_NP0_C_50	2	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V
C233	C_1P8_0402_NP0_C_50	1	Capacitor, 1p8, 0402, NP0, +/-0.25pF 50V
C234	C_1P5_0402_NP0_C_50	1	Capacitor, 1p5, 0402, NP0, +/-0.25pF, 50V
C3,C4	C_47P_0402_NP0_J_50	2	Capacitor, 47p, 0402, NP0, 5%, 50V
C301	C_1U_0402_X5R_K_6P3	1	Capacitor, 1u, 0402, X5R, 10%, 6.3V
D2	LED_EL19-21SYGC	1	LED, green, 0603, 2.0V, 16mcd
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1k ohms Tape GHz Band Gen Use
L231,L232,L241	L_1N2_0402_S	3	Inductor, 1n2, 0402, Monolithic type, +/-0.3 nH
P1	USB_A_TYCO	1	USB Plugg A/PCB Montering
P3,P4	PINROW_2X5	2	TH pinrow header, .100 spacing, 2x5 without alignment pin
P5	SMD_HEADER_2x5	1	SMD pinrow header, .050 spacing, 2x5 without alignment pin
R1	R_270_0402_F	2	Resistor, 270 ohms, 0402, ±1%
R2	R_2_0402_F	1	Resistor, 2 ohms, 0402, ±1%
R263	R_33_0402_G	1	Resistor, 33 ohms, 0402, 2%
R264	R_1K5_0402_G	1	Resistor, 1k5 ohms, 0402, 2%
R271	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%
R4	R_4K7_0402_G	1	Resistor, 4k7 ohms, 0402, 2%
R5,R8,R9	R_0_0402	3	Resistor, 0 ohm, 0402
S1	PUSH_BUTTON_SKRK	1	Momentary push-button, SMD 3.9*2.9*2 mm
U1	CC2511	1	Single-chip transceiver with 8051 MCU and USB
U2	TPS76933	1	ULTRALOW-POWER 100-mA LOW-DROPOUT LINEAR REGULATORS
X2	X_48.000/20/35/20/18	1	Crystal, ceramic SMD, 4x2.5mm, +/-20ppm 48MHZ

Total no of components

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