

SmartRFCC2510 Partlist List 1.1

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number	Supplier	Ordering code
B3	2XAAA	1	2xAAA battery holder, 2CELL AAA PC MNT	Keystone		2468 Digikey	2468K-ND
U2	CC2510	1	Single-chip transceiver and microcontroller	Texas Instruments	CC2510	Texas Instruments	CC2510
B2	CR2032_SOCKET	1	Socket for CR2032 buttoncell battery	Keystone		3002 ELFA	69-525-27
C22;C222;C252;C292	C_100N_0402_X5R_K_10	4	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D		
C231;C241	C_100P_0402_NP0_J_50	2	Capacitor, 100p, 0402, NP0, 5% 50V	Murata	GRM1555C1H101JZ01D		
C3	C_100U_1210_X5R_M_6p3	1	Capacitor, 100u, 1210, X5R, 20%, 6.3V	Murata	GRM32EE70G107ME19L		
C172;C182	C_15P_0402_NP0_J_50	2	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D		
C1	C_1N_0402_NP0_J_50	1	Capacitor, 1n, 0402, NP0, 5%, 50V	Murata	GRM1555C1H102JA01D		
C232;C242	C_1P0_0402_NP0_C_50	2	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D		
C234	C_1P5_0402_NP0_C_50	1	Capacitor, 1p5, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H1R5CZ01D		
C233	C_1P8_0402_NP0_C_50	1	Capacitor, 1p8, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R8CZ01D		
C302	C_1U_0402_X5R_K_6P3	1	Capacitor 1uF, 0402, X5R,10%, 6.3V	Murata	GRM155R60J105KE19D		
C192;C262	C_220P_0402_NP0_J_50	2	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D		
C202;C212	C_27P_0402_NP0_J_50	2	Capacitor, 27p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H270JZ01D		
D1	LED_EL19-21SRC	1	LED, red, 0603, 1.7V, 19mcd	Everlight	EL19-21SDRC/S530-A3/TR8	ELFA	75-308-01
D2	LED_EL19-21SYGC	1	LED, green, 0603, 2.0V, 16mcd	Everlight	EL19-21SYGC	ELFA	75-312-47
L231-232;L241	L_1N2_0402_S	3	Inductor, 1n2, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N2S02D	ACTE	
P1	PINROW_SMD_2X2_2.54MM	1	2x2 pinrow, 2.54mm pitch, SMD type	GradConn	BB02-HP041-KB3-060B00	Freber	
S1-2	PUSH_BUTTON_SKRK	2	Momentary push-button, SMD 3.9*2.9*2 mm	Alps	SKRKAE010	OXYGEN	
R2	R_0_0402_3PORT	1	Resistor 3 ports, 0 ohm, 0402	Koa	RK73Z1ETTP	ELFA	60-470-05
R3-4	R_270_0402_F	2	Resistor, 270 ohms, 0402, ±1%	Koa	RK73H1E270RF-MR or RK73H1ETTP2700F	ELFA	60-885-61 or 60-477-73
R1	R_2K7_0402_F	1	Resistor, 2k7 ohms, 0402, ±1%	Koa	RK73H1ETTP2701F	ELFA	60-482-50
R271	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F	ELFA	60-488-96
DEBUG	STL21	1	10 pins connector	MPE-Garry GmbH	STL21-A01XX-010-TRU	Freber	
X1	X_26.000/10/10/10/16A	1	Crystal, 26.000MHz SMD Crystal,	AKER Electronics	C5S-26.000-16-1010-R	AKER Electronics	C5S-26.000-16-1010-R
X2	X_32.768/20/50/40/12	1	Crystal, 32.768 kHz, 12.5pF, 20/50 ppm,SMD package	Epson	MC-306	ACTE	Q13MC3061000314
<b>Total number</b>		<b>38</b>					