CC2544 USB Dongle R1.0

Ref.	Part name	Pcs/unit	Description from PurchaseLib.xls	Manufacturer	Part number	Supplier	Ordering code	Alt. Manufacturer	Alt. Part number	Alt. Supplier	Alt. Ordering code	Comments
C31;C81;C121;C161;C191;C222;C261;C301	C_100N_0402_X5R_K_10	8	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D							
C171;C181	C_12P_0402_NP0_J_50	2	Capacitor, 12p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H120JA01D							
C151	C_1N_0402_NP0_J_50	1	Capacitor, 1n, 0402, NP0, 5%, 50V	Murata	GRM1555C1H102JA01D							
C41;C311	C_1U_0402_X5R_K_6P3	2	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D							
C221	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						
C11;C21	C_47P_0402_NP0_J_50	2	Capacitor, 47p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H470JZ01D							
U1	CC2544	1	2.4 GHz SoC	TO	CC2544	TI	CC2544					
L2	L_0201	1	Inductor 0201, Do Not Mount	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1k ohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D	ACTE						
D1	LED_EL19-21SURC	1	LED, red-orange, 0603, 2.0V, 39mcd	Everlight	19-21SURC/S530-A2/TR8	ELFA	75-312-39					
D2	LED_EL19-21SYGC	1	LED, green, 0603, 2.0V, 16mcd	Everlight	19-21SYGC/S530-E1/TR8	ELFA	75-312-47					
U2	LFB182G45BG2D280	1	Signal Conditioning 2.4GHz Bandpass TI CC253x CC254x	Murata	LFB182G45BG2D280	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
S1;S2	PUSH_BUTTON_SKRK	2	Momentary push-button, SMD 3.9*2.9*2 mm	Alps	SKRKAEE010	OXYGEN		Uni-Ohm		Deltron		
R2	R_0_0402	1	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP	ELFA	60-470-05					
R1	R_0402	1	Resistor, general, 0402; Do not mount									
R71;R72	R_100_0402_F	2	Resistor, 100 ohms, 0402, ±1%	Koa	RK73H1ETTP1000F	ELFA	60-475-75	Uni-Ohm		ELFA	60-059-87	
R151	R_2K2_0402_G	1	Resistor, 2k2 ohms, 0402, 2%	Koa	RK73H1ETTP2201F (±1%)	ELFA	60-482-19					
R11;R21	R_33_0402_G	2	Resistor, 33 ohms, 0402, 2%	Koa	RK73H1ETTP33R0F (±1%)	ELFA	60-473-36					
R251	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						
P1	USB_A_TYCO	1	USB Plugg A/PCB Montering	Tyco	1734080-1				1734080-1			
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, 10P	ACTE	Q22FA1280009200					