

CC2540 Keyfob Partlist List 1.2.0

Ref.	Part name	Unit	Description	Manufacturer	Part number	Supplier	Ordering code
U1	CC2540	1	2.4 GHz SoC	TI	CC2540	TI	CC2540
A1	CMA3000-D01	1	3-axis ultra low power accelerometer with digital	VTI Technologies	CMA3000-D01	EG Components	CMA3000-D01
B1	CR2032_SOCKET	1	Socket for CR2032 buttoncell battery	Keystone	3002	ELFA	69-525-27
C9	C_0805	1	Capacitor, general, 0805; Do not mount				
C2;C101;C211;C241;C281;C291;C311	C_100N_0402_X5R_K_10	7	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D		
C221;C231	C_12P_0402_NP0_J_50	2	Capacitor, 12p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H120JZ01D		
C321;C331	C_15P_0402_NP0_J_50	2	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D		
C251;C261	C_18P_0402_NP0_J_50	2	Capacitor, 18p, 0402, NP0, 5%, 25V	Murata	GRM1555C1H180JZ01D	ELFA	65-881-23
C8	C_1N_0402_NP0_J_50	1	Capacitor, 1n, 0402, NP0, 5%, 50V	Murata	GRM1555C1H102JA01D		
C252-253;C262	C_1P0_0402_NP0_C_50	3	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D		
C391;C401	C_1U_0402_X5R_K_6P3	2	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D		
C271	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D		
C7	C_47U_1206_X5R_K_6P3	1	Capacitor, 47u, 1206, X5R, 10%, 6.3V	Murata	GRM31CR60J476KE19L		
D2	LED_EL209EGW	1	LED, red/green, 3.0mm, 2/2.1V, 10/3,6 mcd	Everlight	209SURSYGW/S530-A3	ELFA	75-010-26
L252	L_1N0_0402_S	1	Inductor, 1n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N0S02D		
L251;L261	L_2N0_0402_S	2	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D		
L253	L_3N0_0402_S	1	Inductor, 3n0, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS3N0S02D	ACTE	
B2	CMT-1603	1	Piezo audio transducer, 25V, SMD	CUI Inc.	CMT-1603	Digikey	102-1193-1-ND
R1	R_0402	1	Resistor, general, 0402, Do not mount				
R11-12	R_270_0402_F	2	Resistor, 270 ohms, 0402, ±1%	Koa	RK73H1E270RF-MR or RK73H1ETTP2700F	ELFA	60-885-61 or 60-477-73
R2	R_2K7_0402_F	1	Resistor, 2k7 ohms, 0402, ±1%	Koa	RK73H1ETTP2701F	ELFA	60-482-50
R301	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F	ELFA	60-488-96
DEBUG;TEST	STL21	2	10 pins connector	MPE-Garry GmbH	STL21-A01XX-010-TRU	Freber	
B3-4	147873-2	2	SMD 2 pin button switch	Tyco Electronics	147873-2		
X1	X_32.000/10/20/60/10	1	Crystal, 32 MHz, FA-128 -40/+85C, 10pF,	Epson Toyocom	FA-128, 32MHZ, 10PPM, 10PF, 2x1.6mm, -40/+8	ACTE	Q22FA1280009200
X2	X_32.768/20/50/40/12	1	Crystal, 32.768 kHz, 12.5pF, 20/50 ppm,SMD p	Epson Toyocom	MC-306	ACTE	Q13MC3061000314

Total no of components

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