

## CC2541SensorTag 1.1

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number
A1	ANTENNA_IIFA_BLE	1	Antenna single ended IIFA, 2450 MHz		
B1	BC2002	1	Keystone Button Cell Holder	Comfortable Electronic Co Ltd	BC-2002
<b>P1 DNM</b>	BL_SMD_1x6_1_27	1	Female Pin Header SMD	MPE-Garry GmbH	BL SMD 91-06 U
U4	C953H	1	Pressure Sensor	Epcos	T5400-C953H
U1	CC2541	1	Single Chip BLE	TI	CC2541
C3-9;C12;C14-16;C101; C211;C241;C271;C311	C_100N_0402_X5R_K_10	16	Capacitor 0402	Murata	GRM155R71A104KA01D
C17	C_10N_0402_X7R_K_25	1	Capacitor 0402	Murata	GRM155R71E103KA01D
<b>C2 DNM</b>	C_1210	1	Capacitor 1210, general		
C221;C231	C_12P_0402_NP0_J_50	2	Capacitor 0402	Murata	GRM1555C1H120JA01D
C201	C_1N_0402_NP0_J_50	1	Capacitor 0402	Murata	GRM1555C1H102JA01D
C242	C_1P2_0402_NP0_C_50	1	Capacitor 0402	Murata	GRM1555C1H1R2CZ01D
C13;C391;C401	C_1U_0402_X5R_K_6P3	3	Capacitor 0402	Murata	GRM155R60J105KE19D
C272	C_220P_0402_NP0_J_50	1	Capacitor 0402	Murata	GRM1555C1H221JA01D
C321;C331	C_22P_0402_NP0_J_50	2	Capacitor 0402	Murata	GRM1555C1H220JZ01D
C273	C_2N2_0402_X7R_K_50	1	Capacitor 0402	Murata	GRM155R71H222KA01D
C1;C10-11	C_2U2_0402_X5R_M_6P3VDC	3	Capacitor 0402	Murata	GRM155R60J225ME
U8	GYRO-IMU-3000	1	Gyroscope 3-axis	Invensense	IMU-3000
U7	KXTJ9-1007	1	Accelerometer	Kionix	KXTJ9-1007
D1-2	LED_EL19-21SYGC	2	LED, Green, SMD 0603, 2.0V 16 mcd	Everlight	19-21SYGC/S530-E1/TR8
B241	LFB182G45BG2D280	1	Murata 0603 Balun for CC253x /CC2540	Murata	LFB182G45BG2D280
<b>L243 DNM</b>	L_0402	1	Inductor 0402, general	Maxim	MAX8881EUT50-T
L3	L_2.2UH	1	Inductor, 2u2, 0805, ±30%	Murata	LQM21PN2R2NGC
L1	L_BEAD_102_0402	1	EMI filter bead, BLM15HG102SN1D	Murata	BLM15HG102SN1D
U3	MAG3110	1	Magnetometer	Freescale	MAG3110FCR1
J1	PINROW_2X5_1.27MM	1	Pinrow 2x5 1.27mm pitch through hole	MPE-Garry GmbH	MPE-GARRY 176-2-10-0-T-XSO-xxxx
S1	PUSH-BUTTON-1188	1	DIPTRONICS 1188E-1	Diptronics	1188E1
<b>R2;R5;R7-9;R11;R13 DNM</b>	R_0402	7	Resistor 0402, general	Texas Instruments	TPS73601MDCQREP
R1;R10	R_0_0402	2	Resistor, 0402	Koa	RK73Z1ETTP
R6	R_10K_0402_F	1	Resistor 0402	Koa	RK73H1ETTP1002F
R12;R15	R_270_0402_F	2	Resistor 0402	Koa	RK73H1E270RF-MR or RK73H1ETTP2700F
R3-4	R_2K2_0402_G	2	Resistor 0402	Koa	RK73H1ETTP2201F (±1%)
R201	R_2K7_0402_F	1	Resistor 0402	Koa	RK73H1ETTP2701F
R301	R_56K_0402_F	1	Resistor 0402	Koa	RK73H1ETTP5602F
U6	SHT21	1	Humidity Sensor	Sensirion	1-100707-01
U5	TMP006	1	IR Temp Sensor	TI	TMP006AIYZFR
U2	TPS62730	1	2 MHz Step Down Converter with Bypass Mode for Low Power Wireless Applications	TI	TPS62730DRY
X1	X_32.000/10/20/40/10	1	Epson Toyocom FA-20H 32MHz 2.5x2mm	Epson Toyocom	FA-20H, 32MHz, 10PPM, 10pF, -40/+85C, 40ohms
X2	X_32.768/20/30/40/12.5	1	Epson Toyocom FC-12M 32.768kHz 2x1.2mm	Epson Toyocom	FC-12M, 32.768kHz, 20PPM, 12,5pF