

Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number
U1	CC1111	1	Single-chip transceiver with 8051 MCU and USB	TI	CC1111
C6;C236	C_0402	2	Capacitor, general, 0402; Do not mount		
C121;C291	C_100N_0402_X5R_K_10	2	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D
C232;C235	C_100P_0402_NP0_J_50	2	Capacitor, 100p, 0402, NP0, 5% 50V	Murata	GRM1555C1H101JZ01D
C191;C251	C_10N_0402_X7R_K_25	2	Capacitor, 10n, 0402, X7R, 10%, 25V	Murata	GRM155R71E103KA01D
C231	C_1P0_0402_NP0_C_50	1	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D
C233;C241	C_1P5_0402_NP0_C_50	2	Capacitor, 1p5, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H1R5CZ01D
C301	C_1U_0402_X5R_K_6P3	1	Capacitor, 1u, 0402, X5R, 10%, 6.3V	Murata	GRM155R60J105KE19D
C1	C_1U_0603_X5R_L_6P3	1	Capacitor, 1u, 0603, X5R, 15%, 6.3V	Murata	GRM188R60J105KA01D
C261	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D
C221	C_2P2_0402_NP0_C_50	1	Capacitor, 2p2, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H2R2CZ01
C5	C_2U2_0805_X5R_K_10	1	Capacitor, 2u2, 0805, X5R, 10%, 10V	Murata	GRM219R61A225KA01D
C203;C214	C_22P_0402_NP0_J_50	2	Capacitor, 22p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H220JZ01D
C234	C_3P3_0402_NP0_C_50	1	Capacitor, 3p3, 0402, NP0, +/-0.25pF, 50V	Murata	GRM1555C1H3R3CZ01D
C3-4	C_47P_0402_NP0_J_50	2	Capacitor, 47p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H470JZ01D
C2	C_4U7_0603_X5R_K_6	1	Capacitor, 4u7, 0603, X5R, 10%, 6.3V	Murata	GRM188R60J475KE19D
A1	Johanson_868_MHz_Chip_Antenna	1	Johanson 868 MHz chip antenna	Johanson Technology	0868AT43A0020
D2	LED_EL19-21SYGC	1	LED, green, 0603, 2.0V, 16mcd	Everlight	19-21SYGC/S530-E1/TR8
L231;L233-235;L241	L_12N_0402_J	5	Inductor, 12n, 0402, ±5%	Murata	LQG15HS12NJ02D
L232;L242	L_18N_0402_J	2	Inductor, 18n, 0402, ±5%	Murata	LQG15HS18NJ02D
L236	L_1N8_0402_S	1	Inductor, 1n8, 0402, Monolithic type, +/-0.3 nH	Murata	LQG15HS1N8S02D
L1	L_BEAD_102_0402	1	EMI filter bead, 0402 1Kohms Tape GHz Band Gen Use	Murata	BLM15HG102SN1D
P3-4	PINROW_2X5	2	2x5 pinrow, 2.54mm pitch, through-hole	CEN Link (Taiwan)	YPH-D-ST-10-G
S1	PUSH_BUTTON_SKRK	1	Momentary push-button, SMD 3.9*2.9*2 mm	Alps	SKRKAEE010
R3;R6-7	R_0402	3	Resistor, general, 0402; Do not mount		
R5;R8	R_0_0402	2	Resistor, 0 ohm, 0402	Koa	RK73Z1ETTP
R264	R_1K5_0402_G	1	Resistor, 1k5 ohms, 0402, 2%	Koa	RK73H1ETTP1501F (±1%)
R1	R_270_0402_F	1	Resistor, 270 ohms, 0402, ±1%	Koa	RK73H1E270RF-MR or RK7
R2	R_2_0402_F	1	Resistor, 2 ohms, 0402, ±1%	Koa	RK73H1ETTP2R00F
R262-263	R_33_0402_G	2	Resistor, 33 ohms, 0402, 2%	Koa	RK73H1ETTP33R0F (±1%)
R4	R_4K7_0402_G	1	Resistor, 4k7 ohms, 0402, 2%	Koa	RK73H1ETTP4701F (±1%)
R271	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F
P5 - DO NOT MOUNT	SMD_HEADER_2x5	0	SMD pinrow header, .050 spacing, 2x5 without alignment	Samtec	TFM-105-02-SM-D-K-TR
U2	TPS76933	1	ULTRALOW-POWER 100-mA LOW-DROPOUT LINEAR	TI	TPS76933DBVR or -T
P1	USB_A	1	USB Plugg A/PCB Montering	ELFA	42-197-15
X2	X_48.000/20/35/20/18	1	Crystal, ceramic SMD, 4x2.5mm, +/-20ppm 48MHZ	Abracon	ABM8-48.000MHZ-B2-T