

Part_Number	Quantity	Designator	Description	Manufacturer1	Manufacturer_Part_Number
590-00007	1	AT1	Antenna, Bluetooth, 2.4GHz	Johanson Technology	2450AT43B100E
410-00009	2	B1, B2	Battery Holder, 20mm	Keystone Electronics	3034TR
510-00108	2	C5, C7	Cap, Cer, 1.2pF, 50V, +/-5%	Murata Electronics	GRM1555C1H1R2BA01
510-00100	1	C6	Cap, Cer, 2.2pF, 50V, +/-5%	Murata Electronics	GRM1555C1H2R2BA01
510-00063	2	C8, C35	Cap, Cer, 0.1uF, 16V, +/-5%	Murata Electronics	GRM155R71C104KA88
510-00003	4	C9, C10, C32, C53	Cap, Cer, 1uF, 25V, +/-5%	Murata Electronics	GRM155R61E105MA12
510-00107	29	C11, C12, C13, C14, C15	Cap, Cer, 10pF, 50V, +/-5%	Murata Electronics	GRM0335C1H100JA01
510-00022	2	C31, C33	Cap, Cer, 10uF, 6.3V, +/-5%	Kemet	C0603C106M9PACTU
510-00009	1	C34	Cap, Cer, 0.01uF, 50V, +/-5%	Murata Electronics	GRM155R71H103KA88
510-00019	1	C36	Cap, Cer, 0.22uF, 16V, +/-5%	Samsung Electro-Mech	CL05B224KO5NNNC
510-00017	1	C38	Cap, Cer, 100pF, 50V, +/-5%	Murata Electronics	GRM1555C1H101JA01
510-00015	1	C54	Cap, Cer, 2.2uF, 16V, +/-5%	TDK Corp	C1005X5R1C225M050
510-00016	1	C55	Cap, Cer, 4.7uF, 50V, +/-5%	Murata Electronics	GRM21BR61H475KE51
510-00075	6	C56, C57, C58, C59, C60	Cap, Tant, 330uF, 4V, +/-5%	AVX Corp	F950G337KAAAQ2
610-00013	9	D1, D2, D3, D4, D5, D6	LED, White/Diffused, 3mm	Bivar	SM0805UWC
610-00028	1	D10	LED, RGB, Clear, 0404	Lumex	SML-LX0404SIUPGUSE
560-00061	2	L1, L2	Inductor, Chip, 3.6nH, 100MHz	Coilcraft	0402HP-3N6XGEU
560-00065	1	L3	Inductor, Fixed, 2.7nH, 100MHz	Murata Electronics	LQP15MN2N7B02D
560-00064	1	L4	Inductor, Fixed, 1.6nH, 100MHz	Murata Electronics	LQP15MN1N6B02D
560-00053	1	L5	Inductor, Wirewound, 100uH, 100kHz	Taiyo Yuden	MBKK1608T4R7M
560-00007	3	L6, L7, L8	Ferrite Bead, 120 Ohm, 100MHz	Würth Elektronik	7427927311
100-00004	1	PCB1	PCB, Touch Keypad	Sanmina - SLC	100-00004
630-00007	1	Q1	Mosfet, P-CH, 30V, 4.3A	Alpha & Omega Semic	AO3407A
630-00028	12	Q2, Q3, Q4, Q5, Q6, Q7	Mosfet, N-CH, 30V, 0.1A	Rohm Semiconductor	2SK3541T2L
520-00012	1	R3	Res, TkF, 0.0 Ohm Jump	Samsung Electro-Mech	RC1005J000CS
520-00064	1	R4	Res, TkF, 2K Ohm, +/-1%	KOA Electronics	RK73H1ETTP2001F
520-00176	15	R5, R6, R26, R27, R28	Res, TkF, 10M Ohm, +/-1%	Samsung Electro-Mech	RC1005F106CS
520-00157	1	R8	Res, TkF, 1 Ohm, +/-1%	Samsung Electro-Mech	RC1005F1R0CS
520-00001	9	R14, R15, R16, R17, R18	Res, TkF, 680 Ohm, +/-1%	KOA Electronics	RK73H1ETTP6800F
520-00323	1	R23	Res, TkF, 1.33K Ohm, +/-1%	Stackpole Electronics I	RMCF0402FT1K33
520-00139	1	R24	Res, TkF, 1.4K Ohm, +/-1%	Samsung Electro-Mech	RC1005F1401CS
520-00324	1	R25	Res, TkF, 576 Ohm, +/-1%	Stackpole Electronics I	RMCF0402FT576R
110-00051	1	SH1	RF Shield Frame 0.650"	Laird Technology	BMI-S-202-F
420-00028	4	SW1, SW2, SW3, SW4	Switch, Tactile, SPST-N	C&K Components	KMR211GLFS
660-00015	1	U1	IC, RF Transceiver + Mod	Silicon Labs	EFR32MG12P432F1024
655-00013	1	U2	IC, Flash, 8M-BIT, 104MHz	Macronix	MX25R8035FZUIH1
670-00005	1	U3	IC, Micropower Regulator	Linear Technology	LTC3221EDC-5#TRMP
620-00001	1	Y1	Crystal, 32.768kHz, 20pF	Interquip Electronics	9CAA32768122TF70Q1
620-00010	1	Y2	Crystal, 38.4MHz, 10pF	Abracon Corp	ABM10-165-38.400MH

Footprint
Ant2-chip-6_5mm-mir
CON_BATT_Keystone_3034
CAPC1005X06L
CAPC1005X06L
CAPC1005X06L
CAPC1005X06L
Cap-0201L
CAPC1608X09L
CAPC1005X06L
CAPC1005X06L
CAPC1005X06L
CAPC1005X06L
CAPC2012X14L
CAPMP3216X18
Led-0805L-White
Led4-RGB
INDC1005X06L
INDC1005X06L
INDC1005X06L
INDC1608X09L
INDC1005X06L
BARE_PCB
SOT23-3
SOT-VMT3
RESC1005X04L
RESC1005X04L
RESC1005X04L
RESC1005X04L
RESC1005X04L
RESC1005X04L
RESC1005X04L
RESC1005X04L
Shield-RF-1650x1650-360-SMD
SW5_KMR211GLFS
QFN50P700X700X90_HS-49L
SON50P_200x300_60_8-HSP
DFN6-0_5MM-THERM-L
PCB-ABRA-ABS07
CRY4-ABM10