

Bill Of Material (BOM)

#	Cat. Number	Description	Designations	Qty
1	21403200500	PCB TDMA SEAL INT	BL1	0.25
2	21404101000	INT SEAL ANTENNA 915MHZ	BL2	1
3	21404101100	INT SEAL ANTENNA 2.4GHZ	BL3	1
4	21351411100	SAW FILTER 915MHz BW 7MHz	FL1	1
5	21351608300	RES 0402 750 1%	R22	1
6	21351609200	RES 0402 130 1%	R30	1
7	21351610200	RES 0603 0 OHM	R29	1
8	21351616400	RES 0402 1.27K 1%	R27,R28	2
9	21351620000	RES 0402 10.0K 1%	R2,R50	2
10	21351620200	RES 0402 100K 5%	R1,R37,R43,R46	4
11	21351620300	RES 0402 47.5K 1%	R24	1
12	21351620400	RES 0402 0 OHM	R33,R42,R45,R49	4
13	21351621700	RES 0402 1.24K 1%	R26	1
14	21351623400	RES 0402 51 5%	R10	1
15	21351623600	RES 0402 220 5%	R11,R14	2
16	21351623800	RES 0402 1K 5%	R6,R17,R18	3
17	21351623900	RES 0402 33 5%	R7,R52,R54	3
18	21351624300	RES 0402 51K 5%	R16	1
19	21351624500	RES 0402 2.2K 5%	R4,R5,R21	3
20	21351624700	RES 0402 100 5%	R3	1
21	21351625200	RES 0402 825K 1%	R32	1
22	21351625600	RES 0402 10 5%	R35	1
23	21351626900	RES 0402 18 5%	R19	1
24	21351628200	RES 0402 680K 5%	R51	1
25	21351629300	RES 0402 2M 5%	R8	1
26	21351629400	RES 0402 200K 5%	R15,R34,R53	3
27	21351629500	RES 0402 9.1K 5%	R9	1
28	21351629600	RES 0402 18K 5%	R12	1
29	21351630000	RES 0402 22 5%	R13	1
30	21351631100	RES 0402 2.7K 5%	R31	1
31	21351634200	RES 0402 3.6K 5%	R20	1
32	21351634300	RES 0402 15K 5%	R23,R25	2
33	21351634500	RES 0402 4.70K 1%	R36,R39,R40,R44,R47	5
34	21351708200	CAP X7R 0603 22NF 25V 10%	C64	1
35	21351708600	CAP NPO 0402 100PF 50V 5%	C12	1
36	21351708800	CAP X7R 0402 10NF 16V 20%	C4,C10,C46,C47,C50,C52, C53,C54,C55,C56,C57, C58,C59,C61,C62,C63	16
37	21351709100	CAP X7R 0402 2.2NF 50V 10%	C23	1
38	21351709400	CAP X7R 0402 1NF 50V 10%	C17	1
39	21351709500	CAP Y5V 0402 100NF 16V +80-20%	C28,C48,C49,C65,C69	5
40	21351709600	CAP Y5V 0603 330NF 10V +80-20%	C5	1
41	21351710000	CAP NPO 0402 5.6PF 50V .25PF	C31	1
42	21351710100	CAP NPO 0402 4.3PF 50V .25PF	C15	1

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43	21351710400	CAP NPO 0402 39PF 50V 5%	C22	1
44	21351710500	CAP NPO 0402 3.3PF 50V .1PF	C34,C35,C36	3
45	21351710600	CAP NPO 0402 12PF 50V 5%	C44,C45	2
46	21351710800	CAP NPO 0402 1PF 50V .1PF	C71,C72	2
47	21351711200	CAP X7R 0402 330PF 50V 10%	C9,C29,C66,C70	4
48	21351711300	CAP X7R 0402 5.6NF 16V 10%	C6	1
49	21351711900	CAP NPO 0402 8.2PF 50V .25PF	C18	1
50	21351712200	CAP NPO 0402 0.56PF 50V .1PF	C27	1
51	21351712500	CAP NPO 0402 1.2PF 50V .1PF	C37,C39,C68	3
52	21351714700	CAP NPO 0402 3.9PF 50V .1PF	C32	1
53	21351714900	CAP NPO 0402 2.2PF 50V .1PF	C13	1
54	21351715000	CAP NPO 0402 4.7PF 50V .25PF	C7,C8	2
55	21351715100	CAP NPO 0402 2.7PF 50V .1PF	C33	1
56	21351715500	CAP NPO 0402 47PF 50V 5%	C3,C11,C19,C20,C21,C24, C25,C26,C38,C40,C41	11
57	21351715900	CAP NPO 0402 68PF 25V 1%	C16	1
58	21351716000	CAP TAN B 33UF 6.3V 10%	C60	1
59	21351718200	CAP Y5V 0603 1UF 10V 20%	C1,C2	2
60	21351718500	CAP NPO 0402 6.8PF 50V .1PF	C67	1
61	21351802400	WW. INDUCTOR 0603 6.8NH 5%	L14	1
62	21351802900	ML. INDUCTOR 0603 100NH 5%	L2,L5,L15,L16	4
63	21351803000	WW. INDUCTOR 0603 12NH 2%	L7	1
64	21351803200	ML. INDUCTOR 0603 12NH 5%	L1,L9,L10	3
65	21351803700	ML. INDUCTOR 0603 6.8NH 5%	L12,L13	2
66	21351804300	ML. INDUCTOR 0603 5.6NH 0.3NH	L8,L11	2
67	21351804700	ML. INDUCTOR 0603 15NH 5%	L6	1
68	21351805500	ML. INDUCTOR 0603 4.7NH 0.3NH	L3,L4	2
69	21351809800	MULTIPLAYER CHIP BALUN	T1	1
70	21351810500	WW. INDUCTOR 0603 1.2NH 5%	L17	1
71	21352104400	DIODE SCHOTTKY SER MA4CS102B	D3	1
72	21352109900	TRANSISTOR NPN NE68819	Q4	1
73	21352112900	TRANSISTOR NPN 2222 (SC-70)	Q1	1
74	21352114700	FET DIGITAL P CHANNEL FDV304P	Q10,Q11	2
75	21352117700	TRANSISTOR NPN 2SC4725	Q2,Q3,Q6,Q7	4
76	21352118600	NPN LOW NOISE FT 40G HBF0405	Q8,Q9	2
77	21352122100	SCHOTTKY DIODE SERIES HSMS-2852	D4	1
78	21352122300	NPN LOW NOISE FT 40G HBF0450	Q5	1
79	21352122400	PIN DIODE SINGLE 3890	D5	1
80	21352122500	SINGLE COMPARATOR MAX919	U5,U7	2
81	21352122600	OP AMP + COMPARATOR MAX9003	U6	1
82	21352126500	MIXED SIG. MIC.MSP430F149IPM	U2	1
83	21352136200	LDO 1.8V 150MA SOT23-5	U3	1
84	21352136300	CPLD 32MC ISP 1.8V	U4	1
85	21352137700	IR RECEIVER PCM 33KHZ	J1	1
86	21352137800	IR EMITTING DIODE 5MM	D2	1
87	21352201600	CRYSTAL 8MHz HC49U-4 SMD	Y1	1

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88	21352201800	CRYSTAL 32.768KHZ 3*8	Y2	1
89	21352202000	1 PORT SAW RES. 915MHZ +/-200KHz	Y3	1
90	21352301000	LITHIUM BATTERY AA 3.6V 2.4AH	BAT1	1
91	21352901100	CIH TAG ASIC DSRCI-V1	U1	1
92	21353103000	DRY REED SW 5-8AT (NOT BEND)	J6	1
93	21409500100	2.4GHZ TRANSCEIVER MODULE	U8	1