

**Bill Of Material (BOM)**

#	Part Number	Part Description	Designation	Qty
1	21403201200	PCB ASTM TAG II HIGH-SENS	BL1	0.25
2	21351411100	SAW FILTER 915MHz BW 7MHz	FL1	1
3	21351609200	130 1%	R3	1
4	21351610200	0 OHM	L12,R13	2
5	21351616400	1.27K 1%	R8	1
6	21351620200	100K 5%	R37,R45	2
7	21351620300	47.5K 1%	R23	1
8	21351620400	0 OHM	R14,R22,R47,R51	4
9	21351621700	1.24K 1%	R15	1
10	21351623600	220 5%	R28,R30	2
11	21351623800	1K 5%	R2,R32,R33	3
12	21351623900	33 5%	R9,R27,R40,R41	4
13	21351624100	22K 5%	R11	1
14	21351624300	51K 5%	R7	1
15	21351624500	2.2K 5%	R1,R17,R20,R21,R31,R38	6
16	21351624600	330 5%	R18	1
17	21351625200	825K 1%	R52	1
18	21351625600	10 5%	R39	1
19	21351626900	18 5%	R35	1
20	21351629300	2M 5%	R4	1
21	21351629400	200K 5%	R6,R53	2
22	21351629500	9.1K 5%	R5	1
23	21351629600	18K 5%	R10	1
24	21351630000	22 5%	R29	1
25	21351631100	2.7K 5%	R16,R25	2
26	21351634200	3.6K 5%	R34	1
27	21351634300	15K 5%	R12,R26	2
28	21351708600	100PF 50V 5%	C6,C12,R36	3
29	21351708800	10NF 16V 20%	C3,C9,C49,C50,C52,C53,C56,C57,C58	9
30	21351709100	2.2NF 50V 10%	C39	1
31	21351709400	1NF 50V 10%	C33	1
32	21351709500	100NF 16V +80-20%	C5,C43,C44,C46	4
33	21351709600	330NF 10V +80-20%	C1	1
34	21351710000	5.6PF 50V .25PF	C38	1
35	21351710100	4.3PF 50V .25PF	C34,C37	2
36	21351710400	39PF 50V 5%	C31	1
37	21351710600	12PF 50V 5%	C54,C55	2
38	21351710800	1PF 50V .1PF	C18	1

#	Part Number	Part Description	Designation	Qty
39	21351711000	470PF 50V 10%	C19	1
40	21351711200	330PF 50V 10%	C4,C8	2
41	21351711300	5.6NF 16V 10%	C2	1
42	21351711400	2.7NF 50V 5%	C17	1
43	21351711800	10UF 6.3V 20%	C45	1
44	21351712200	0.56PF 50V .1PF	C41	1
45	21351713300	27PF 25V 5%	C32	1
46	21351714900	2.2PF 50V .1PF	C30	1
47	21351715000	4.7PF 50V .25PF	C23,C24	2
48	21351715500	47PF 50V 5%	C13,C14,C15,C16,C20,C21,C22,C25, C27,C28	10
49	21351715900	68PF 25V 1%	C35	1
50	21351716500	560PF 50V 5%	C10	1
51	21351718000	270PF 50V 10%	C26	1
52	21351718500	6.8PF 50V .1PF	C29	1
53	21351720600	330UF 6.3V 20%	C51	1
54	21351802900	100NH 5%	L7,L14,L15,L16	4
55	21351803200	12NH 5%	L1,L5	2
56	21351803500	3.3NH 10%	L9	1
57	21351803700	6.8NH 5%	L8	1
58	21351804300	5.6NH 0.3NH	L4	1
59	21351804700	15NH 5%	L2	1
60	21351804900	10NH 5%	L3,L13	2
61	21351805400	8.2NH 5%	L10,L11	2
62	21351813300	9.5NH 5%	L6	1
63	21352104400	DIODE SCHOTTKY MA4CS102B	D1	1
64	21352109900	TRANSISTOR NPN NE68819	Q6	1
65	21352112900	TRANSISTOR NPN 2222 (SC-70)	Q2,Q3	2
66	21352114700	FET P CHANNEL FDV304P	Q11	1
67	21352117700	TRANSISTOR NPN 2SC4725	Q5,Q7,Q8,Q9	4
68	21352118600	NPN FT 40G HBF0405	Q1,Q4	2
69	21352120700	MIC.MSP430F135IPM	U4	1
70	21352122100	SCHOTTKY DIODE HSMS-2852	D2	1
71	21352122300	NPN FT 40G HBF0450	Q10	1
72	21352122400	PIN DIODE SINGLE 3890	D3,D4	2
73	21352122500	SINGLE COMPARATOR MAX919	U1	1
74	21352122600	OP AMP + COMP MAX9003	U2	1
75	21352140100	WD AND SUPERVISOR (SC70-5)	U3	1
76	21352140900	OPTO INTERRUPTER 2MM GAP	OPTO1	1
77	21352201600	CRYSTAL 8MHz HC49U-4 SMD	Y2	1
78	21352202000	SAW RES. 915MHz +/-200KHz	Y1	1



---

#	Part Number	Part Description	Designation	Qty
79	21352203200	XTAL 32768HZ -40+85 12PF	Y3	1
80	21352901100	CIH TAG ASIC DSRCI-V1	U5	1
81	21353101800	BUZZER SMD 3V HPS16A	PZ1	1