

**Bill Of Material (BOM)**

#	Cat. Number	Description	Designations	Qty
1	21403200600	PCB H.H READER FP200HHR	BL1	0.5
2	21351411100	SAW FILTER 915MHz BW 7MHz	FL1	1
3	21351608300	RES 0402 750 1%	R51	1
4	21351609200	RES 0402 130 1%	R55	1
5	21351610200	RES 0603 0 OHM	R4,R8,R17,R34,R60	5
6	21351616400	RES 0402 1.27K 1%	R48	1
7	21351620200	RES 0402 100K 5%	R14,R26	2
8	21351620300	RES 0402 47.5K 1%	R3,R20,R28,R47	4
9	21351620400	RES 0402 0 OHM	R6,R13,R16,R19,R29,R53, R54,R58,R64	9
10	21351621700	RES 0402 1.24K 1%	R49	1
11	21351623600	RES 0402 220 5%	R15,R67,R69	3
12	21351623800	RES 0402 1K 5%	R7,R9,R42,R57,R65,R71	6
13	21351623900	RES 0402 33 5%	R11,R12,R18,R43,R66	5
14	21351624000	RES 0402 300 5%	R21,R24,R32,R33,R39,R40	6
15	21351624300	RES 0402 51K 5%	R45	1
16	21351624500	RES 0402 2.2K 5%	R61,R62	2
17	21351624700	RES 0402 100 5%	R22,R25	2
18	21351625600	RES 0402 10 5%	R23,R31,R73	3
19	21351626900	RES 0402 18 5%	R72	1
20	21351628300	RES 0402 4.7K 5%	R35,R36,R37	3
21	21351629300	RES 0402 2M 5%	R1,R2	2
22	21351629400	RES 0402 200K 5%	R44	1
23	21351629500	RES 0402 9.1K 5%	R41	1
24	21351629600	RES 0402 18K 5%	R46	1
25	21351630000	RES 0402 22 5%	R68	1
26	21351631100	RES 0402 2.7K 5%	R56	1
27	21351631200	RES 0402 3.00K 1%	R5	1
28	21351634200	RES 0402 3.6K 5%	R70	1
29	21351634300	RES 0402 15K 5%	R50,R52	2
30	21351634500	RES 0402 4.70K 1%	R27	1
31	21351701500	CAP TAN B 10UF 6.3V 20%	C7,C13	2
32	21351708600	CAP NPO 0402 100PF 50V 5%	C43	1
33	21351708800	CAP X7R 0402 10NF 16V 20%	C3,C4,C5,C8,C9,C12, C26,C27,C28,C42	10
34	21351708900	CAP NPO 0402 10PF 50V 5%	C64	1
35	21351709100	CAP X7R 0402 2.2NF 50V 10%	C68	1
36	21351709400	CAP X7R 0402 1NF 50V 10%	C10,C31,C32,C33,C34,C36 C37,C38,C39,C75	10
37	21351709500	CAP Y5V 0402 100NF 16V +80-20%	C14,C19,C20,C21,C23,C24 C25,C29,C30,C46,C55,C56	12
38	21351710100	CAP NPO 0402 4.3PF 50V .25PF	C78	1

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39	21351710400	CAP NPO 0402 39PF 50V 5%	C79	1
40	21351710500	CAP NPO 0402 3.3PF 50V .1PF	C65,C66,C71	3
41	21351710800	CAP NPO 0402 1PF 50V .1PF	C58	1
42	21351711200	CAP X7R 0402 330PF 50V 10%	C40,C47,C54,C57	4
43	21351711300	CAP X7R 0402 5.6NF 16V 10%	C41	1
44	21351711500	CAP TAN A 4.7UF 16V 10%	C6	1
45	21351711600	CAP X7R 0805 1UF 10V 10%	C2	1
46	21351711800	CAP TAN A 10UF 6.3V 20%	C16	1
47	21351712000	CAP NPO 0402 1.8PF 50V .1PF	C63	1
48	21351712500	CAP NPO 0402 1.2PF 50V .1PF	C61,C67	2
49	21351714900	CAP NPO 0402 2.2PF 50V .1PF	C74	1
50	21351715000	CAP NPO 0402 4.7PF 50V .25PF	C53,C80,C81	3
51	21351715200	CAP NPO 0402 1.5PF 50V .1PF	C70	1
52	21351715500	CAP NPO 0402 47PF 50V 5%	C45,C48,C49,C50,C51,C52 C59,C60,C62,C72,C77	11
53	21351715900	CAP NPO 0402 68PF 25V 1%	C76	1
54	21351716000	CAP TAN B 33UF 6.3V 10%	C1,C35	2
55	21351718000	CAP X7R 0402 270PF 50V 10%	C73	1
56	21351718200	CAP Y5V 0603 1UF 10V 20%	C11,C15	2
57	21351802900	ML. INDUCTOR 0603 100NH 5%	L1,L2,L3,L9,L14	5
58	21351803200	ML. INDUCTOR 0603 12NH 5%	L12	1
59	21351803300	ML. INDUCTOR 0603 18NH 5%	L5	1
60	21351803700	ML. INDUCTOR 0603 6.8NH 5%	L11	1
61	21351804300	ML. INDUCTOR 0603 5.6NH 0.3NH	L8	1
62	21351804700	ML. INDUCTOR 0603 15NH 5%	L4	1
63	21351805400	ML. INDUCTOR 0603 8.2NH 5%	L6,L7,L10,L13	4
64	21351805500	ML. INDUCTOR 0603 4.7NH 0.3NH	L15,L16	2
65	21352104400	DIODE SCHOTTKY SER MA4CS102B	D4	1
66	21352109900	TRANSISTOR NPN NE68819	Q8	1
67	21352112900	TRANSISTOR NPN 2222 (SC-70)	Q1,Q2	2
68	21352117700	TRANSISTOR NPN 2SC4725	Q3,Q4,Q9,Q10	4
69	21352118600	NPN LOW NOISE FT 40G HBFP0405	Q5,Q6	2
70	21352119400	TINY LOGIC 04 NC7SZ04M5X	U4	1
71	21352122100	SCHTKY DIODE SERIES HSMS-2852	D5	1
72	21352122300	NPN LOW NOISE FT 40G HBFP0450	Q7	1
73	21352122400	PIN DIODE SINGLE 3890	D6	1
74	21352122600	OP AMP + COMPARATOR MAX9003	U11	1
75	21352123400	HOSING LED LAMP T1 3/4 RA (3MM)	D1	1
76	21352126500	MIXED SIG. MIC.MSP430F149IPM	U8	1
77	21352129100	DUAL RS232 TRCV ESD 1MBPS	U9	1
78	21352136200	LDO 1.8V 150MA SOT23-5	U5	1
79	21352137000	CPLD 768MC ISP 1.8V	U7	1
80	21352137300	BATTERY CHARGER LI-ION 4.2V	U1	1
81	21352138300	REGULATOR ULDO 3.3V 150MA	U2,U3,U10	3
82	21352140100	WD AND SUPERVISOR (SC70-5)	U6	1

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83	21352200800	CRYSTAL 32.768KHZ SMD	Y1	1
84	21352202000	1 PORT SAW RES. 915MHz +/-200KHz	Y2	1
85	21352402000	TCXO 16MHZ	X1	1
86	21353100300	MINIATURE SWITCH	SW1	1
87	21353312200	USB TYPE B RCPT RIGHT ANGL	J1	1
88	21353313400	SINGLE ROW STR 12 PIN HEADER	J3	1
89	21353314100	SINGLE ROW STR 2 PIN HEADER	J5	1
90	21353315200	DC POWER JACK (IPAQ PWR)	J2	1
91	21409500100	2.4GHZ TRANSCEIVER MODULE	U12	1