

Project name Watch Air

Model number

BOM Version

Issue date

Item	Qty	Reference	Part	Value	Package	Tol.	Manufacturer P/N.
1	6	R100,R101,R107,R108,C141,C144		0	0603		RC0603J000CS
2	2	R105,R106		1K	0603		RC0603J102CS
3	1	R110		4.7K	0603		RC0603J472CS
4	1	R98		510K	0603		RC0603J514CS
5	7	R38,R135,R136,R138,R158,R168,R178		0	1005	5%	RC1005J000CS
6	2	R117,R118		4.7	1005		RC1005J4R7CS
7	4	R8,R36,R125,R126		22	1005		RC1005F220CS
8	10	R28,R35,R84,R128,R129,R130,R132,R134,R149,R159		33	1005	5%	RC1005F330CS
9	5	R10,R51,R53,R61,R86		100	1005	1%	RC1005F101CS
10	2	R19,R20		200	1005		RC1005J201CS
11	4	R7,R64,R65,R148		240/F	1005	1%	RC1005F241CS
12	4	R50,R52,R85,R87		330	1005		RC1005F331CS
13	4	R96,R97,R99,R121		470	1005		RC1005F471CS
14	1	R185		680	1005		RC1005F681CS
15	7	R5,R6,R21,R66,R67,R68,R69		1K/F	1005	1%	RC1005F102CS
16	4	R23,R24,R25,R26		2K	1005		RC1005J202CS
17	3	R62,R63,R131		4.7K	1005	1%	RC1005F472CS
18	27	R1,R3,R9,R14,R16,R17,R18,R22,R30,R32,R41,R42,R44,R46,R56,R57,R59,R60,R74,R114,R115,R127,R139,R141,R142,R184,R166		10K	1005	1%	RC1005F103CS
19	1	R167		33K	1005		RC1005F333CS
20	9	R37,R78,R79,R80,R81,R82,R83,R140,R147		47K	1005	1%	RC1005F473CS
21	5	R70,R71,R72,R73,R77		51K	1005		RC1005J513CS
22	7	R31,R39,R137,R144,R145,R146,R169		100K	1005	1%	RC1005F104CS
23	1	R33		120K	1005		RC1005F124CS
24	1	R183		180K	1005		RC1005F184CS
25	1	R13		1M	1005		RC1005F105CS
26	1	R12		6.2M	1005	1%	RC1005F625CS
27	2	L48,L49		0	1608		RC1608J000CS
28	1	R170		0R	5025		RC5025J000CS
29	1	C252		15nH	0603		LQP03TN15NJ02D
30	4	L46,L47,R120,R182		1nH	1005		LQG15HN1N0S02D
31	2	L38,L39		3.3nH	1005		LQG15HN3N3S02D
32	1	C275		10nH	1005		LQG15HN10NJ02D
33	1	L33		18nH	1005		LQG15HN18NJ02D
34	1	L44		180nH	1608		LQW18ANR18J00D
35	1	L50		15nH	1608		LQW18AN15NJ00D
36	1	L43		470nH	1608		LQW18ANR47J00D
37	1	L45		270nH	1608		LQW18ANR27G00D
38	1	L35		1uH	2012		LQM21PN1R0MCO0D
39	4	L25,L26,L29,L32		120ohm	1608		BLM18PG121SN1D
40	12	L2,L3,L4,L5,L20,L21,L22,L23,L31,L40,L36,L37		100 OHM	1608		BLM18EG101TN1D
41	1	L42		1K OHM	1608	25%	BLM18HE102SN1D
42	1	L28		120 OHM	2012		BLM21PG121SN1D
43	5	L15,L16,L17,L18,L19		1239AS-H-1R0M (DFE252012C-1R0)	1239AS-H-1R0M (DFE252012C-1R0)		1239AS-H-1R0M (DFE252012C-1R0)
44	1	L34		ATB2012-75011	ATB2012-75011		ATB2012-75011
45	1	L27		EXC24CE900U	EXC24CE900U		EXC24CE900U
46	20	C129,C130,C131,C134,C137,C138,C139,C140,C143,C157,C208,C211,C212,C213,C214,C215,C232,C233,C242,C247		0.1uF	0603		CL03A104KQ3NNNC
47	2	C251,C253		1000pF	0603		CL03B102KA3NNNC
48	1	C250		2pF	0603		CL03C020CA3GNNC
49	52	C1,C2,C3,C4,C7,C8,C9,C12,C13,C14,C15,C16,C17,C18,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C32,C33,C34,C37,C38,C100,C102,C136,C146,C148,C182,C183,C186,C187,C191,C192,C193,C194,C197,C199,C206,C209,C221,C257,C258,		1uF/16V	1005	10%	CL05A105KO5NNNC

50	71	C41,C49,C50,C51,C52,C53,C54,C55,C56,C57,C58,C59,C60,C61,C62,C63,C64,C65,C66,C67,C68,C69,C70,C71,C72,C73,C74,C75,C76,C77,C78,C79,C80,C81,C82,C83,C84,C85,C86,C87,C88,C89,C90,C91,C92,C93,C94,C95,C96,C97,C99,C101,C103,C104,C105,C106,C109,C127,C128,C150,C198,C200,C202,C216,C218,C223,C244,C245,C246,C260	0.1uF	1005	10%	CL05A104JO5NNNC
51	4	C249,C266,C271,C272	0.01uF	1005		CL05B103JO5NNND
52	2	C236,C241	1000pF	1005		CL05B102JB5NNNC
53	1	C278	560pF	1005		CL05B561JB5NNNC
54	1	C277	470pF	1005		CL05B471KB5NNNC
55	1	C256	150pF	1005		CL05B151KB5NNNC
56	3	C255,C273,C274	120pF	1005		CL05C121JB5NNNC
57	2	C44,C158	27pF	1005		CL05C270JB5NNNC
58	3	C5,C47,C48	22pF	1005		CL05C220JB5NNNC
59	2	C45,C46	15p	1005		CL05C150JB5NNNC
60	2	C145,C147	12pF	1005		CL05C120JB5NNNC
61	1	C279	6pF	1005		CL05C060CB5NNNC
62	2	C280,C281	2.2pF	1005		CL05C2R2BB5NNNC
	2	C268,C270	0.75pF	1005		CL05CR75BB5NNNC
64	23	C10,C11,C30,C31,C35,C36,C42,C108,C160,C161,C164,C165,C170,C171,C172,C173,C174,C175,C177,C178,C184,C217,C259	22uF/16V	1608		CL10A226MP8NU5E
65	9	C39,C40,C98,C107,C132,C149,C204,C205,C231	10uF/16V	1608	10%	GRM188R61A106ME69D
66	2	C190,C195	4.7uF/6.3V	1608	10%	CL10A475K08NNNC
67	3	C219,C220,C222	100uF/6.3V	3216		CL31A107MQHNNE
68	15	C159,C162,C163,C166,C167,C168,C169,C176,C179,C180,C181,C201,C203,C237,C207	22uF/16V	3216		CL31A226KOCLNNC
69	1	D1	RB521G-30GT2R	RB521G-30GT2R		RB521G-30GT2R
70	4	D2,D3,D4,D5	LTST-C195KGJRKT-SS	LTST-C195KGJRKT-SS		LTST-C195KGJRKT-SS
71	4	D6,D7,D8,D9	LTST-C193TBKT-AC	LTST-C193TBKT-AC		LTST-C193TBKT-AC
72	11	TVS1,TVS2,TVS3,TVS4,TVS5,TVS6,TVS7,TVS8,TVS15,TVS16,TVS17	LXES15AAA1-133	1005		LXES15AAA1-133
73	1	TVS11	PESD5V0F1BL	sod882		PESD5V0F1BL
74	12	Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12,Q13,Q14,Q15	KML0D4N20V	VSM		KML0D4N20V
75	2	J2,J3	MM8030-2610RJ3	MM8030-2610RJ3		MM8030-2610RJ3
76	1	J4	YS-UA-002-05-G1-A	YS-UA-002-05-G1-A		YS-UA-002-05-G1-A
77	1	J6	TFWF1-EBSI-110	TFWF1-EBSI-110		TFWF1-EBSI-110
78	1	CON1	MCX(M,RA)4PC(2.75) ATSC MCX Set	MCX(M,RA)4PC(2.75)		MCX(M,RA)4PC(2.75)
79	1	CON2	JSCF_3(1.6T) ATSC MCX CONN	JSCF_3(1.6T)		JSCF_3(1.6T)
80	2	P3,P4	DC-003	DC-003		DC-003
81	1	SW2	TS-018A Tact switch	TS-018A		TS-018A
82	34	CLP1,CLP2,CLP3,CLP4,CLP5,CLP6,CLP7,CLP8,CLP9,CLP10,CLP11,CLP12,CLP13,CLP14,CLP15,CLP16,CLP17,CLP18,CLP19,CLP20,CLP21,CLP22,CLP23,CLP24,CLP25,CLP26,CLP27,CLP28,CLP29,CLP30,CLP31,CLP32,CLP33,CLP34	SC-080-01	PTC1121M		SC-080-01
83	1	ANT1	2108517-2	2108517-2		2108517-2
84	1	ANT2	2108517-1	2108517-1		2108517-1
85	2	U3,U4	H5TQ2G63GFR-RDC	H5TQ2G63GFR-RDC		H5TQ2G63GFR-RDC
86	1	U5	SDIN8DE1-8G	SDIN8DE1-8G		SDIN8DE1-8G
87	1	U6	MxL603	MxL603		MxL603
88	1	U7	LG3306A	LG3306A		LG3306A
89	1	U8	W8192RHPA	W8192RHPA		W8192RHPA
90	1	U10	NXE2000	NXE2000		NXE2000
91	1	U12	AP2553W6-7 (NCP380HSNAJAAT1G)	SOT-6		AP2553W6-7
92	1	U17	NJG1152KA1	FLP6A1		NJG1152KA1
93	1	U100	NXP4330Q	513BALL		NXP4330Q
94	1	IC1	TPS2113ADRBR	SON08		TPS2113ADRBR
95	3	X1,X2,X3	24MHz	3225		82J1001-24.000Mhz (9pF)
96	1	Y1	32.768KHZ	3215		82J0001-32.768KHz(12.5pF)
97	1		8L, Normal, 1T			PCB

