

9. PARTS LIST

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Item	Quantity	Reference	Part
1	16	C1,C82,C126,C131,C152, C502,C515,C517,C518,C521, C522,C812,C903,C905,C908, C911	470P
2	31	C3,C5,C7,C8,C12,C33,C41, C43,C44,C47,C51,C57,C66, C72,C75,C77,C78,C83,C84, C85,C86,C102,C104,C105, C106,C118,C127,C307,C312, C319,C545	102P
3	3	C4,C315,C328	5P
4	6	C6,C18,C27,C37,C153,C543	106P/1206
5	1	C9	475P/1206
6	10	C10,C79,C80,C87,C89,C91, C99,C310,C326,C557	NU
7	1	C11	105P 25V/1206
8	1	C15	0.33U/T
9	2	C16,C17	103P/X7R
10	18	C19,C29,C42,C46,C58,C62, C67,C81,C117,C144,C145, C146,C147,C503,C542,C544, C546,C906	104P

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Item	Quantity	Reference	Part
11	1	C20	473P/X7R 0805
12	11	C21,C31,C64,C142,C143, C148,C151,C316,C320,C536, C910	103P
13	2	C28,C150	47U/10V/EC/SMT/C-CASE
14	1	C32	100U/6.3V/EC/SMT/D-CASE
15	2	C56,C124	105P/0805
16	1	C65	335P/1206
17	4	C68,C302,C817,C822	18P
18	3	C71,C73,C88	3P
19	2	C74,C537	10U/16V/EC/SMT/B-CASE
20	3	C92,C101,C814	12P
21	9	C93,C135,C300,C301,C309, C313,C324,C325,C705	220P
22	3	C94,C303,C816	9P
23	1	C95	2P
24	8	C96,C97,C98,C305,C306, C803,C805,C806	7P

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Item	Quantity	Reference	Part
25	2	C103,C119	82P
26	2	C107,C538	100U/16V/EC/SMT/D-CASE
27	3	C108,C504,C505	22P
28	1	C111	39P
29	3	C112,C311,C824	4P
30	7	C113,C141,C323,C327,C809, C815,C823	15P
31	1	C114	56P
32	1	C125	104P/X7R 0603
33	1	C134	223P
34	2	C137,C807	33P
35	5	C138,C516,C523,C904,C909	47P
36	2	C149,C534	104P/X7R 0805
37	1	C154	33U/6.3V/EC/SMT/B-CASE
38	2	C304,C321	8P
39	5	C308,C524,C701,C702,C704	100P

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Item	Quantity	Reference	Part
40	1	C314	330P
41	1	C317	105P
42	2	C532,C533	47U/16V/EC/SMT/C-CASE
43	1	C548	4.7U/50V/EC/SMT/C-CASE
44	7	C550,C552,C553,C554,C555, C556,C558	1U/Y5V 0805
45	1	C700	68P
46	1	C703	150P
47	2	C801,C813	10P
48	1	C802	11P
49	4	C804,C810,C820,C821	30P
50	1	C808	24P
51	2	C818,C819	6.8P
52	1	C901	105P/1206
53	2	C902,C907	820P
54	1	CF1	CFW455E

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Item	Quantity	Reference	Part
55	1	CF2	CFW455HT
56	3	D2,D12,D303	1SS314
57	1	D4	1SS154
58	2	D5,D6	RLS135
59	1	D7	1N4004 SMT
60	5	D11,D501,D504,D901,D902	RLS4148
61	2	D13,D14	1SS181
62	2	D301,D302	1SV229
63	1	D502	RLZ4.3B
64	1	D503	BAV99LT1
65	1	D505	RLZ6.2B
66	1	D506	RLZ16B
67	1	D507	RLZ3.0B
68	1	D700	1SV214
69	1	D701	1SV217
70	1	D801	1SS226

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Item	Quantity	Reference	Part
71	1	IC1	MB1504 SMT
72	2	IC2,IC507	XC62AP5002MR
73	1	IC5	M67749H
74	1	IC6	MC3371 SMT
75	1	IC8	LRFMS-1L
76	1	IC501	PIC16C57/XT SMT
77	1	IC502	93C46 SMT
78	2	IC504,U901	TL064CD SMT
79	1	IC508	ELM7S32
80	1	J501	CONNECTOR DB9
81	1	J901	HEADER 6B
82	1	JP101	BNC
83	1	L7	18NH
84	2	L8,L17	2.2UH TDK
85	3	L11,L13,L14	0.45*1.5*6T CW SMT
86	2	L12,L15	0.45*1.5*5T CW SMT

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Item	Quantity	Reference	Part
87	2	L16,L18	45M
88	2	L19,L20	0.15UH TDK
89	1	L24	1UH TDK
90	3	L300,L301,L303	1UH(TDK)
91	3	L304,L305,L306	18NH(0805)
92	2	L501,L503	100UH 1/2W
93	1	L502	560UH 1/2W
94	7	L801,L802,L803,L804,L805, L806,L807	10NH 0805
95	1	P301	PLUG 4PIN PITCH 2.0MM
96	1	P302,P303	PLUG 2PIN PITCH 2.0MM
97	4	P701,P702,P703,P704	TCXO PIN
98	1	SHIELD	VCO
99	1	SHIELD	TCXO
100	1	SHIELD	FRONT-END
101	1	SHIELD	RF

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Item	Quantity	Reference	Part
102	1	HEAT SINK	
103	2	P501,P502	SMT SOCKET 8PIN 1.0MM
104	2	Q2,Q14	BCW68G
105	13	Q4,Q9,Q10,Q12,Q19,Q25, Q34,Q35,Q301,Q503,Q505, Q507,Q508	BC847B
106	2	Q6,Q502	A1037K
107	1	Q11	DTA123JK
108	2	Q15,Q18	DTA114EK
109	7	Q21,Q22,Q302,Q303,Q304, Q305,Q801	2SC5226
110	2	Q23,Q506	2SB798
111	3	Q24,Q701,Q702	MMBTH10
112	2	Q31,Q32	DTC114EK
113	3	Q33,Q509,Q512	2N7002
114	16	R1,R17,R35,R39,R42,R46, R71,R87,R92,R93,R101, R102,R308,R503,R521,R524	10K

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Item	Quantity	Reference	Part
115	9	R2,R8,R20,R30,R72,R318, R711,R714,R715	2K2
116	10	R3,R64,R502,R523,R525, R528,R531,R902,R903,R908	100K
117	5	R4,R54,R55,R330,R535	OR
118	2	R5,R11	910R
119	3	R9,R303,R541	3K9
120	8	R10,R19,R47,R51,R89,R315, R316,R542	100R
121	1	R13	3K
122	2	R14,R15	6K8
123	3	R16,R702,R801	33K
124	11	R24,R61,R73,R81,R513, R515,R543,R548,R554,R555, R708	4K7
125	1	R29	12K
126	13	R33,R45,R49,R57,R75,R76, R84,R317,R501,R504,R505, R552,R553	1K

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Item	Quantity	Reference	Part
127	13	R34,R526,R527,R532,R533, R534,R537,R546,R703,R704, R705,R706,R712	47K
128	3	R40,R52,R56	470K
129	1	R41	5K1
130	1	R43	3K3
131	1	R44	470R
132	1	R48	330R
133	2	R50,R304	150R
134	1	R53	51R
135	3	R77,R906,R910	560K
136	2	R78,R545	560R
137	1	R79	390R
138	3	R82,R311,R518	2K7
139	2	R85,R86	82K
140	5	R91,R94,R96,R98,R538	22K
141	1	R97	56K

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Item	Quantity	Reference	Part
142	3	R103,R104,R904	2K4
143	2	R301,R310	10R
144	1	R302	5K6
145	1	R306	33R
146	3	R307,R901,R907	27K
147	1	R309	18K
148	1	R312	270K
149	1	R313	56R
150	1	R314	1K2
151	1	R506	1M
152	1	R517	68K
153	1	R544	680R
154	1	R700	160K
155	1	R701	110R
156	2	R707,R713	39K
157	1	R709	11K

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Item	Quantity	Reference	Part
158	1	R802	22R
159	2	R905,R909	43K
160	1	R911	20K
161	2	RV1,RV2	47KB SMT
162	3	RV501,RV502,RV503	10KB SMT
163	1	T2	0766
164	1	TH700	10KA TH
165	1	TH701	100KA TH
166	1	TH702	33KA TH
167	1	COVER	TOP
168	1	COVER	BOTTOM
169	3	CRYSTAL WASHER	UM1 TYPE
170	1	U4	LM358 SMT
171	2	VC301,VC700	20PVC SMT
172	1	X1	44.545MHZ UM1

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173	1	X501	3.58MHZ 3X9
174	1	X700	12.8MHZ UM1
175	2	XF1, XF2	45N15B UM1
176	1	MAIN PCB	110mm*55mm*1.0mm FR4
177	1	VCO PCB	27mm*20mm*1.0mm FR4
178	1	FRONT-END PCB	40mm*9mm*1.0mm FR4
179	1	TCXO PCB	20mm*11mm*1.0mm FR4
180	1	FILTER PCB	18mm*12mm*1.0mm FR4
181	4	SCREW	M2*3 mm BH NI
182	4	SCREW	M3*3mm BH NI