

9. PARTS LIST.

7085-VE

Revised: July 22, 2003

Revision:

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Item	Quantity	Reference	Part
1	11	C1,C82,C126,C131,C152, C502,C515,C517,C518,C521, C522	470P
2	7	C2,C550,C552,C553,C554, C555,C556	1U/Y5V 0805
3	44	C3,C5,C7,C8,C12,C25,C33, C41,C43,C44,C45,C47,C48, C51,C52,C57,C66,C72,C75, C77,C78,C83,C84,C85,C86, C93,C102,C104,C105,C106, C118,C127,C301,C307,C313, C314,C316,C317,C318,C325, C326,C328,C545,C816	102P
4	4	C4,C10,C311,C312	5P
5	6	C6,C18,C27,C37,C153,C543	106P/1206
6	1	C9	475P/1206
7	1	C11	105P 25V/1206
8	1	C15	1U/T
9	3	C16,C149,C534	104P/X7R 0805

Item	Quantity	Reference	Part
10	10	C17,C21,C31,C64,C142, C143,C148,C151,C536,C910	103P
11	20	C19,C42,C46,C58,C62,C67, C81,C117,C144,C145,C146, C147,C324,C329,C503,C542, C544,C546,C557,C906	104P
12	7	C24,C94,C98,C101,C113, C141,C302	15P
13	3	C26,C306,C315	2P
14	2	C28,C154	33U/6.3V/EC/SMT/B-CASE
15	1	C32	100U/6.3V/EC/SMT/D-CASE
16	6	C53,C68,C138,C308,C516, C523	47P
17	3	C54,C87,C89	27P
18	2	C56,C124	105P/0805
19	2	C65,C327	335P/1206

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Item	Quantity	Reference	Part
20	1	C70	3P
21	8	C71,C79,C80,C99,C303, C510,C804,C806	NU
22	10	C73,C91,C95,C96,C97,C137, C803,C807,C813,C814	33P
23	1	C74	10U/16V/EC/SMT/B-CASE
24	1	C88	10P
25	1	C92	12P
26	2	C103,C119	82P
27	2	C107,C538	100U/16V/EC/SMT/D-CASE
28	3	C108,C504,C505	22P
29	4	C111,C801,C812,C822	39P
30	4	C112,C304,C305,C309	4P
31	2	C114,C817	56P
32	1	C125	104P/X7R 0603
33	1	C134	223P/X7R

Item	Quantity	Reference	Part
34	3	C135,C511,C903	220P
35	1	C150	47U/10V/EC/SMT/C-CASE
36	8	C160,C161,C162,C524,C802, C808,C811,C818	100P
37	1	C310	1P
38	1	C335	8P
39	1	C336	9P
40	2	C532,C533	47U/16V/EC/SMT/D-CASE
41	1	C537	10U/16V(T) B-CASE
42	1	C548	4.7U/50V/EC/SMT/C-CASE
43	1	C800	560P
44	1	C805	6P

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Item	Quantity	Reference	Part
45	1	C815	150P
46	1	C821	270P
47	2	C901,C904	105P/X7R 0805
48	1	C902	152P/X7R
49	1	C905	683P/X7R 0805
50	1	C907	820P
51	1	C908	152/X7R
52	1	C909	120P
53	1	C911	392P/X7R
54	1	C912	332P/X7R
55	1	CF1	CFW455E
56	1	CF2	CFW455HT
57	3	D2,D3,D12	1SS314
58	1	D4	1SS154
59	2	D5,D6	RLS135

Item	Quantity	Reference	Part
60	1	D7	1N4004 SMT
61	4	D8,D11,D501,D504	RLS4148
62	2	D13,D14	1SS181
63	3	D301,D302,D303	1SV215
64	1	D502	RLZ4.3B
65	1	D503	BAV99LT1
66	1	D505	RLZ6.2B
67	1	D506	RLZ16B
68	1	D507	RLZ3.0B
69	1	D800	1SS226
70	1	IC1	MB1504 SMT
71	2	IC2,IC507	XC62AP5002MR

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Item	Quantity	Reference	Part
72	1	IC5	M67748H
73	1	IC6	MC3371 SMT
74	1	IC8	LRFMS-1L
75	1	IC501	PIC16C57/XT SMT
76	1	IC502	93C46 SMT
77	2	IC504,U901	TL064CD SMT
78	1	IC508	ELM7S32
79	1	J501	CONNECTOR DB9
80	1	J901	PCB JACK 6PIN 2.54MM
81	1	JP101	BNC
82	3	L2,L3,L24	1UH TDK
83	3	L4,L5,L7	82NH
84	6	L8,L17,L302,L304,L309, L310	2.2UH TDK
85	3	L11,L13,L14	0.45*2.3*8T CW SMT

Item	Quantity	Reference	Part
86	2	L12,L15	0.45*2.3*7T CW SMT
87	2	L16,L18	45M
88	2	L19,L20	0.15UH TDK
89	1	L311	0.82UH TDK
90	2	L312,L313	MDS-0605U-3.5T
91	2	L501,L503	100UH SMT
92	1	L502	560UH SMT
93	7	L800,L801,L802,L803,L804, L805,L806	0.45*1.5*6T CCW SMT
94	1	P301	1
95	1	P302	2
96	1	P303	3
97	1	P304	4

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Item	Quantity	Reference	Part
98	1	P305	5
99	1	P306	6
100	1	P307	7
101	3	Q2,Q6,Q502	A1037K
102	13	Q4,Q9,Q10,Q12,Q19,Q25, Q34,Q35,Q308,Q503,Q505, Q507,Q508	BC847A
103	5	Q8,Q16,Q17,Q21,Q22	2SC3838
104	2	Q11,Q15	DTA114EK
105	1	Q14	BCW68G
106	1	Q18	DTA123JK
107	2	Q23,Q506	2SB798
108	1	Q24	MMBTH10
109	4	Q31,Q32,Q303,Q304	DTC114EK
110	3	Q33,Q509,Q512	2N7002

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Item	Quantity	Reference	Part
111	2	Q301,Q302	MMBFJ310LT1
112	1	Q800	2SC3356
113	22	R1,R5,R11,R17,R25,R39, R41,R42,R46,R66,R71,R87, R92,R93,R101,R102,R103, R305,R308,R503,R521,R524	10K
114	8	R3,R20,R64,R502,R523, R525,R531,R903	100K
115	8	R4,R8,R26,R91,R94,R96, R98,R538	22K
116	2	R9,R541	3K9
117	7	R10,R19,R47,R48,R51,R89, R542	100R
118	2	R13,R21	1K2
119	4	R14,R82,R313,R518	2K7
120	1	R15	7.5K

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Item	Quantity	Reference	Part
121	1	R16	33K
122	1	R18	91K
123	9	R24,R43,R61,R73,R81,R513, R515,R543,R548	4K7
124	1	R27	10R
125	1	R28	5K6
126	16	R31,R32,R33,R35,R45,R49, R57,R75,R76,R84,R501, R504,R505,R552,R553,R902	1K
127	11	R34,R526,R527,R528,R532, R533,R534,R537,R701,R702, R905	47K
128	1	R37	6R8
129	3	R40,R52,R56	470K
130	2	R44,R72	2K2
131	1	R50	150R
132	1	R53	51R

Item	Quantity	Reference	Part
133	5	R54,R55,R309,R517,R535	0R
134	3	R65,R554,R555	470R
135	1	R77	560K
136	1	R78	560R
137	1	R79	390R
138	4	R85,R86,R907,R908	82K
139	1	R97	56K
140	1	R104	2K4
141	2	R302,R306	47R
142	2	R303,R307	330R
143	1	R506	1M
144	2	R544,R545	680R
145	1	R800	820R
146	2	R801,R906	6K8
147	1	R802	3K3

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Item	Quantity	Reference	Part
148	1	R803	2R2
149	1	R804	180R
150	1	R901	16K
151	1	R904	24K
152	2	R909,R910	75K
153	1	R911	20K
154	1	R912	220K
155	1	R913	200K
156	1	R914	130K
157	1	RP1	10K*4 SMT
158	2	RV1,RV2	47KB SMT
159	3	RV501,RV502,RV503	10KB SMT
160	1	RV700	100KB SMT
161	1	SW1	DIGITAL SW 16CH SMT
162	1	T2	0766

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Item	Quantity	Reference	Part
163	1	TP1	TP
164	1	TP2	VCO
165	1	U2	STRIP1
166	1	U4	LM358 SMT
167	1	U701	12.8MHZ TCXO/SMT
168	1	X1	44.545MHZ UM1
169	1	X501	3.58MHZ 3X9
170	2	XF1, XF2	45N15B UM1
168	1	COVER	TOP
169	1	COVER	BOTTOM
170	3	CRYSTAL WASHER	UM1 TYPE
171	1	MAIN PCB	110mm*55mm*1.0mm FR4
172	1	VCO PCB	27mm*20mm*1.0mm FR4
173	1	FRONT-END PCB	40mm*9mm*1.0mm FR4
174	1	TCXO PCB	20mm*11mm*1.0mm FR4
175	1	FILTER PCB	18mm*12mm*1.0mm FR4