

RANGER
Communications, Inc.

SECTION 8

RCI-2970 PARTS LIST

8.0 MAIN BOARD

REF#	DESCRIPTION	PART#
—	MAIN PACB	EPT295012Z
—	DC B+ PCB	EPT120060Z
	CARBON FILM RESISTORS	
R1	10K 1/4W(U) TYPE	RCU141034Z
R2	33K 1/4W(U) TYPE	RCU143334Z
R3	680Ω 1/4W(U) TYPE	RCU146814Z
R4	220Ω 1/4W(U) TYPE	RCU142214Z
R5	330Ω 1/4W(U) TYPE	RCU143314Z
R6	47K 1/4W(U) TYPE	RCU144734Z
R7	2.7K 1/4W(U) TYPE	RCU142724Z
R8	330Ω 1/4W(U) TYPE	RCU143314Z
R9	56Ω 1/4W(U) TYPE	RCU145604Z
R10	100K 1/4W(U) TYPE	RCU141044Z
R11	10K 1/4W(U) TYPE	RCU141034Z
R12	6.8K 1/4W(U) TYPE	RCU146824Z
R13	470K 1/4W(U) TYPE	RCU144744Z
R14	10K 1/4W(U) TYPE	RCU141034Z
R15	330Ω 1/4W(U) TYPE	RCU143314Z
R16	2.7K 1/4W(U) TYPE	RCU142724Z
R17	1.8K 1/4W(U) TYPE	RCU141824Z
R18	1K 1/4W(M) TYPE	RCM141024A
R19	6.8K 1/4W(U) TYPE	RCU146824Z
R20	100Ω 1/4W(M) TYPE	RCU141014A
R21	1K 1/4W(U) TYPE	RCU141024Z
R22	1.5K 1/4W(U) TYPE	RCU141524Z
R23	2.7K 1/4W(U) TYPE	RCU142724Z
R24	1.5K 1/4W(U) TYPE	RCU141524Z
R25	10K 1/4W(M) TYPE	RCM141034A
R27	1.8K 1/4W(U) TYPE	RCU141824Z
R28	1.8K 1/4W(U) TYPE	RCU141824Z
R29	47K 1/4W(M) TYPE	RCM144734A
R30	100Ω 1/4W(M) TYPE	RCM141014A
R31	100Ω 1/4W(U) TYPE	RCU141014Z
R32	100Ω 1/4W(U) TYPE	RCU141014Z
R33	100Ω 1/4W(M) TYPE	RCM141014A
R34	4.7K 1/4W(M) TYPE	RCM144724A
R35	6.8K 1/4W(U) TYPE	RCU146824Z
R36	6.8K 1/4W(M) TYPE	RCM146824A
R37	100Ω 1/4W(U) TYPE	RCU141014Z
R38	1K 1/4W(U) TYPE	RCU141024Z
R39	330K 1/4W(U) TYPE	RCU143344Z
R40	1M 1/4W(U) TYPE	RCU141054Z
R41	6.8K 1/4W(M) TYPE	RCM146824A
R42	100K 1/4W(U) TYPE	RCU141044Z
R43	100K 1/4W(U) TYPE	RCU141044Z
R44	100K 1/4W(U) TYPE	RCU141044Z
R45	82K 1/4W(U) TYPE	RCU148234Z
R46	47K 1/4W(M) TYPE	RCM144734A
R47	220K 1/4W(U) TYPE	RCU142244Z
R48	680K 1/4W(U) TYPE	RCU146844Z
R49	100K 1/4W(M) TYPE	RCM141044A
R50	100K 1/4W(M) TYPE	RCM141044A

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REF#	DESCRIPTION	PART#
R51	220K 1/4W(M) TYPE	RCM142244A
R52	1K 1/4W(U) TYPE	RCU141024Z
R53	1K 1/4W(U) TYPE	RCU141024Z
R54	100K 1/4W(U) TYPE	RCM141044A
R55	100K 1/4W(U) TYPE	RCM141044A
R56	3.3K 1/4W(U) TYPE	RCU143324Z
R57	3.3K 1/4W(U) TYPE	RCU143324Z
R58	3.3K 1/4W(U) TYPE	RCU143324Z
R59	1K 1/4W(U) TYPE	RCU141024Z
R60	3.3K 1/4W(U) TYPE	RCU143324Z
R61	3.3K 1/4W(U) TYPE	RCU143324Z
R62	10K 1/4W(U) TYPE	RCU141034Z
R63	47K 1/4W(U) TYPE	RCU144734Z
R64	2.7K 1/4W(U) TYPE	RCU142724Z
R65	1K 1/4W(U) TYPE	RCU141024Z
R66	10K 1/4W(U) TYPE	RCU141034Z
R67	1K 1/4W(U) TYPE	RCU474157Z
R68	1K 1/4W(M) TYPE	RCM141024A
R69	1K 1/4W(U) TYPE	RCU141024Z
R70	10K 1/4W(M) TYPE	RCM141034A
R71	47K 1/4W(U) TYPE	RCU144734Z
R72	6.8K 1/4W(M) TYPE	RCM146824A
R73	1K 1/4W(U) TYPE	RCU141024Z
R74	100K 1/4W(P) TYPE	RCP141044Z
R75	680Ω 1/4W(U) TYPE	RCU146814Z
R76	1.5K 1/4W(U) TYPE	RCU141524Z
R77	10K 1/4W(U) TYPE	RCU141034Z
R78	2.2K 1/4W(U) TYPE	RCU142224Z
R79	2.7K 1/4W(U) TYPE	RCU142724Z
R80	100Ω 1/4W(U) TYPE	RCU141014Z
R81	2.2K 1/4W(M) TYPE	RCM142224A
R82	100K 1/4W(U) TYPE	RCU141044Z
R83	10K 1/4W(U) TYPE	RCU141034Z
R84	100Ω 1/4W(U) TYPE	RCU141014Z
R85	2.2K 1/4W(U) TYPE	RCU142224Z
R86	1K 1/4W(U) TYPE	RCU141024Z
R87	5.6K 1/4W(M) TYPE	RCM145624A
R88	10K 1/4W(U) TYPE	RCU141034Z
R89	10K 1/4W(M) TYPE	RCM141034A
R90	1K 1/4W(U) TYPE	RCU141024Z
R91	10K 1/4W(U) TYPE	RCU141034Z
R92	1.5K 1/4W(U) TYPE	RCU141524Z
R93	680Ω 1/4W(M) TYPE	RCM146814B
R94	1.2K 1/4W(U) TYPE	RCU141224Z
R95	8.2K 1/4W(U) TYPE	RCU148224Z
R96	22K 1/4W(M) TYPE	RCM142234B
R97	2.2K 1/4W(U) TYPE	RCU142224Z
R98	5.6K 1/4W(U) TYPE	RCU145624Z
R100	47K 1/4W(M) TYPE	RCM144734A
R101	1.5K 1/4W(U) TYPE	RCU141524Z
R102	220Ω 1/4W(U) TYPE	RCU142214Z
R103	100Ω 1/4W(U) TYPE	RCU141014Z
R104	100Ω 1/4W(M) TYPE	RCM141014A
R105	1M 1/4W(U) TYPE	RCU141054Z

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REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
R106	6.8K 1/4W(U) TYPE	RCU146824Z	R169	12K 1/4W(U) TYPE	RCU141234Z
R107	100K 1/4W(U) TYPE	RCU141044Z	R170	10K 1/4W(U) TYPE	RCU141034Z
R108	68K 1/4W(U) TYPE	RCU146834Z	R171	1K 1/4W(U) TYPE	RCU141024Z
R109	100K 1/4W(U) TYPE	RCU141044Z	R172	1K 1/4W(U) TYPE	RCU141024Z
R110	1.5M 1/4W(U) TYPE	RCU141554Z	R173	470Ω 1/4W(U) TYPE	RCU144714Z
R111	68K 1/4W(U) TYPE	RCU146834Z	R174	3.3K 1/4W(M) TYPE	RCM143324A
R112	22K 1/4W(M) TYPE	RCM142234A	R175	1.5K 1/4W(U) TYPE	RCU141524Z
R113	3.3K 1/4W(U) TYPE	RCU143324Z	R176	1K 1/4W(U) TYPE	RCU141024Z
R114	680Ω 1/4W(M) TYPE	RCM146814A	R177	10K 1/4W(U) TYPE	RCU141034Z
R115	220K 1/4W(U) TYPE	RCU142244Z	R178	4.7K 1/4W(U) TYPE	RCU144724Z
R116	47K 1/4W(U) TYPE	RCU144734Z	R179	1.5K 1/4W(U) TYPE	RCU141554Z
R117	1K 1/4W(U) TYPE	RCU141024Z	R180	10K 1/4W(P) TYPE	RCP141034Z
R118	10K 1/4W(M) TYPE	RCM141034A	R181	10K 1/4W(U) TYPE	RCU141034Z
R119	10Ω 1/4W(U) TYPE	RCU144794Z	R182	4.7K 1/4W(U) TYPE	RCU144724Z
R120	1K 1/4W(U) TYPE	RCU141024Z	R183	4.7K 1/4W(U) TYPE	RCU144724Z
R121	27K 1/4W(U) TYPE	RCU142734Z	R184	2.2K 1/4W(U) TYPE	RCU142224Z
R122	1K 1/4W(U) TYPE	RCU141024Z	R185	100Ω 1/4W(U) TYPE	RCU141014Z
R123	10K 1/4W(U) TYPE	RCU141034Z	R186	3.3K 1/4W(M) TYPE	RCM143324A
R124	10K 1/4W(U) TYPE	RCU141034Z	R188	47K 1/4W(U) TYPE	RCU144734Z
R125	100K 1/4W(U) TYPE	RCU141044Z	R189	10K 1/4W(M) TYPE	RCM141034B
R126	10K 1/4W(U) TYPE	RCU141034Z	R190	10K 1/4W(U) TYPE	RCU141034Z
R127	1K 1/4W(U) TYPE	RCU141024Z	R191	220K 1/4W(U) TYPE	RCU142244Z
R128	220Ω 1/4(U) TYPE	RCU142214Z	R192	100K 1/4W(M)	RCM141044A
R129	10K 1/4W(U) TYPE	RCU141034Z	R193	10K 1/4W(U) TYPE	RCU141034Z
R130	10K 1/4W(U) TYPE	RCU141034Z	R194	22K 1/4W(U) TYPE	RCU142234Z
R131	10K 1/4W(U) TYPE	RCU141034Z	R195	47K 1/4W(M) TYPE	RCM144734A
R132	100Ω 1/4W(U) TYPE	RCU141014Z	R196	680Ω 1/4W(M) TYPE	RCM146814A
R133	10K 1/4W(U) TYPE	RCU141034Z	R197	100Ω 1/4W(U) TYPE	RCU141014Z
R134	10K 1/4W(U) TYPE	RCU141034Z	R198	1.8K 1/4W(U) TYPE	RCU141824Z
R135	220Ω 1/4W(U) TYPE	RCU142214Z	R199	47K 1/4W(U) TYPE	RCU144734Z
R136	56Ω 1/4W(U) TYPE	RCU145604Z	R200	22K 1/4W(U) TYPE	RCU142234Z
R137	560Ω 1/4W(U) TYPE	RCU145614Z	R201	10K 1/4W(U) TYPE	RCU141034Z
R138	150Ω 1/4W(U) TYPE	RCU141514Z	R202	56Ω 1/4W(M) TYPE	RCM145604A
R139	220K 1/4W(U) TYPE	RCU142244Z	R203	10K 1/4W(U) TYPE	RCU141034Z
R140	1.5K 1/4W(M) TYPE	RCM141524A	R204	560Ω 1/4W(U) TYPE	RCU145614Z
R141	100Ω 1/4W(U) TYPE	RCU141014Z	R205	3.3K 1/4W(U) TYPE	RCU143324Z
R142	1K 1/4W(U) TYPE	RCU141024Z	R206	100Ω 1/4W(U) TYPE	RCU141014Z
R143	10K 1/4W(U) TYPE	RCU141034Z	R207	22Ω 1/4W(M) TYPE	RCM142204A
R144	330Ω 1/4W(U) TYPE	RCU143314Z	R208	100Ω 1/4W(U) TYPE	RCU141014Z
R145	10K 1/4W(U) TYPE	RCU141034Z	R209	22Ω 1/4W (U) TYPE	RCU142204Z
R146	10K 1/4W(U) TYPE	RCU141034Z	R210	1K 1/4W(U) TYPE	RCU141024Z
R147	1K 1/4W(M) TYPE	RCM141024A	R211	4.7K 1/4W(U) TYPE	RCU144724Z
R148	270K 1/4W(M) TYPE	RCM142744A	R212	33K 1/4W(U) TYPE	RCU143334Z
R150	270K 1/4W(U) TYPE	RCU142744Z	R213	10K 1/4W(M) TYPE	RCM141034A
R151	4.7K 1/4W(U) TYPE	RCU144724Z	R214	10K 1/4W(U) TYPE	RCU141034Z
R152	4.7K 1/4W(M) TYPE	RCM144724A	R215	4.7K 1/4W(U) TYPE	RCU144724Z
R153	10K 1/4W(U) TYPE	RCU141034Z	R216	10K 1/4W(U) TYPE	RCU141034Z
R154	3.3K 1/4W(U) TYPE	RCU143324Z	R217	10K 1/4W(M) TYPE	RCM141034A
R155	220Ω 1/4W(M) TYPE	RCM142214A	R218	1K 1/4W(M) TYPE	RCM141024A
R156	100Ω 1/4W(U) TYPE	RCU141014Z	R219	22K 1/4W(U) TYPE	RCU142234Z
R157	1K 1/4W(P) TYPE	RCP141024Z	R220	1K 1/4W(U) TYPE	RCU141024Z
R159	10K 1/4W(U) TYPE	RCU141034Z	R221	10K 1/4W(U) TYPE	RCU141034Z
R160	330K 1/4W(U) TYPE	RCU143344Z	R222	4.7K 1/4W(M) TYPE	RCM144724B
R161	220Ω 1/4W(U) TYPE	RCU142214Z	R223	6.8K 1/4W(M) TYPE	RCM146824A
R162	100K 1/4W(U) TYPE	RCU141044Z	R224	56Ω 1/4W(U) TYPE	RCU145604Z
R163	470K 1/4W(U) TYPE	RCU144744Z	R225	1K 1/4W(M) TYPE	RCM141024A
R164	15K 1/4W(U) TYPE	RCU141534Z	R226	10K 1/4W(M) TYPE	RCM141034A
R166	10K 1/4W(U) TYPE	RCU141034Z	R227	22K 1/4W(U) TYPE	RCU142234Z
R167	100K 1/4W(U) TYPE	RCU141044Z	R228	4.7K 1/4W(U) TYPE	RCU144724Z
R168	47K 1/4W(U) TYPE	RCU144734Z	R229	220K 1/4W(U) TYPE	RCU142244Z

8.0 MAIN BOARD (Con't)

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REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
C23	.1uF 50WV Z SL	CC0501047L	C110	.01uF 50EV Z SL	CC0501037L
C24	.01uF 50EV Z SL	CC0501037L	C113	.01uF 50EV Z SL	CC0501037L
C28	.047uF 50WV Z SL	CC0504737L	C114	270pF 50WV K SL	CC0502715L
C29	68pF 50WV J SL	CC0506804L	C115	270pF 50WV K SL	CC0502715L
C30	560pF 50WV K SL	CC0505615L	C117	.047uF 50WV Z SL	CC0504737L
C31	15pF 50WV J CH	CC0501504A	C118	.01uF 50EV Z SL	CC0501037L
C34	.01uF 50EV Z SL	CC0501037L	C119	5pF 50WV J CH	CC0501004A
C35	100pF 50WV K SL	CC0501015L	C120	.01uF 50EV Z SL	CC0501037L
C37	270pF 50WV K SL	CC0502715L	C121	33pF 50WV J SL	CC0503304L
C38	.01uF 50EV Z SL	CC0501037L	C122	33pF 50WV J SL	CC0503304L
C41	.001pF 50WV Z SL	CC0501027L	C123	.01uF 50EV Z SL	CC0501037L
C42	.1uF 50WV Z SL	CC0501047L	C124	.01uF 50EV Z SL	CC0501037L
C43	1pF 50WV J SL	CC0500101A	C125	.001pF 50WV Z SL	CC0501027L
C45	.001pF 50WV Z SL	CC0501027L	C126	.01uF 50EV Z SL	CC0501037L
C48	.1uF 50WV Z SL	CC0501047L	C127	.01uF 50EV Z SL	CC0501037L
C51	.001pF 50WV K SL	CC0502215L	C129	.01uF 5EV Z SL	CC0501037L
C52	220pF 50WV K SL	CC0502215L	C130	10pF 50WV J SL	CC0501004L
C53	12pF 50WV J CH	CC0501204A	C131	.1uF 50WV Z SL	CC0501047L
C54	.047uF 50WV Z SL	CC0504737L	C132	.01uF 50EV Z SL	CC0501037L
C55	68pF 50WV J CH	CC0506804A	C133	47pF 50WV J UJ	CC0504704G
C56	.01uF 50EV Z SL	CC0501037L	C134	100pF 50WV L UK	CC0501015G
C59	.047uF 50WV Z SL	CC0504737L	C135	.001pF 50WV Z SL	CC0501027L
C60	.01uF 50EV Z SL	CC0501037L	C136	.1uF 50WV Z SL	CC0501047L
C61	5pF 50WV J CH	CC0501004A	C139	.001pF 50WV Z SL	CC0501027L
C63	.1uF 50WV Z SK	CC0501047L	C142	.001pF 50WV Z SL	CC0501027L
C65	56pF 50WV J CH	CC0503304A	C145	.001pF 50WV Z SL	CC0501027L
C66	1pF 50WV C CH	CC0500101A	C148	.1uF 50WV Z SL	CC0501047L
C67	39pF 50WV J CH	CC0503904A	C149	.001pF 50WV Z SL	CC0501027L
C68	5pF 50WV C CH	CC0500501A	C150	.47uF 50WV Z SL	CC0504727L
C69	.01uF 50EV Z SL	CC0501037L	C151	.47uF 50WV Z SL	CC0504727L
C71	.01uF 50EV Z SL	CC0501037L	C152	.01uF 50EV Z SL	CC0501037L
C72	3pF 50WV CH	CC0500301A	C153	.001pF 50WV Z SL	CC0501027L
C73	3pF 50WV C CH	CC0500301A	C154	100pF 50WV K SL	CC0501015L
C74	.01uF 50EV Z SL	CC0501037L	C158	150pF 50WV K SL	CC0501515L
C75	27pF 50WV J SL	CC0502704L	C159	.001pF 50WV Z SL	CC0501027L
C76	.1uF 50WV Z SL	CC0501047L	C162	.001pF 5WV Z SL	CC0501027L
C77	5pF 50WV C SL	CC0500501L	C163	47pF 50WV J SL	CC0504704L
C78	.01uF 50EV Z SL	CC0501037L	C164	560pF 50WV K SL	CC0505615L
C79	.01uF 50EV Z SL	CC0501037L	C165	390pF 50WV K SL	CC0503915L
C80	.047uF 50WV Z SL	CC0504737L	C166	33pF 50WV J SL	CC0503304L
C82	47pF 50WV J SL	CC0504704L	C167	150pF 50WV K SL	CC0501515L
C83	.01uF 50EV Z SL	CC0501037L	C169	33pF 50WV J SL	CC0503304L
C84	.1uF 50WV Z SL	CC0501047L	C172	33pF 50WV J SL	CC0503304L
C85	.1uF 50WV Z SL	CC0501047L	C173	47pF 50WV J CH	CC0504704A
C86	.1uF 50WV Z SL	CC0501047L	C174	100jpF 50WV K SL	CC0501015L
C87	220pF 50WV K SL	CC0502215L	C176	33pF 50WV J SL	CC0503304L
C89	5pF 50WV C SL	CC0500501L	C177	.01uF 50EV Z SL	CC0501037L
C90	5pF 50WV C CH	CC0500501A	C178	10pF 50WV J SL	CC0501004L
C91	15pF 50WV J SL	CC0501504L	C179	33pF 50WV J SL	CC0503304L
C92	1uF 50WV Z SL	CC0501047L	C180	33pF 50WV J SL	CC0503304L
C93	1uF 50WV Z SL	CC0501047L	C181	100pF 50WV K SL	CC0501015L
C94	.01uF 50EV Z SL	CC0501037L	C182	100pF 50WV K SL	CC0501015L
C97	.01uF 50EV Z SL	CC0501037L	C183	100pF 50WV K SL	CC0501015L
C98	100pF 50WV K SL	CC0501015L	C184	82pF 50WV J UJ	CC0508204G
C100	.01uF 50EV Z SL	CC0501037L	C187	.001pF 50WV Z SL	CC0501027L
C101	.001pF 50WV Z SL	CC0501027L	C188	100pF 50WV K SL	CC0501015L
C104	.047uF 50WV Z SL	CC0504737L	C189	33pF 50WV J SL	CC0503304L
C105	5pF 50WV J CH	CC0501004A	C190	22pF 50WV J SL	CC0502204L
C107	.001pF 50WV Z SL	CC0501027L	C191	.001pF 50WV Z SL	CC0501027L
C108	12fF 50WV J SL	CC0501204L	C192	10pF 50WV J SL	CC0501004L

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REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
C193	100pF 50WV K SL	CC0501015L	C275	270pF 50WV K UJ	CC0502715G
C194	100pF 50WV K SL	CC0501015L	C276	.047uF 50WV Z SL	CC0504727L
C195	33pF 50WV J SL	CC0503304L	C277	5pF 50WV J CH	CC0501004A
C197	.01uF 50EV Z SL	CC0501037L	C278	33pF 50WV J CH	CC0503304A
C198	33pF 50WVG J SL	CC0503304L	C279	180pF 50WV K UJ	CC0501815G
C199	22pF 50WV J SL	CC0502204L	C280	12pF 50WV J CH	CC0501204A
C200	.001pF 50WV Z SL	CC0501027L	C281	.1uF 50WV Z SL	CC0501047L
C202	.1uF 50WV Z SL	CC0501047L	C284	100pF 50WV J CH	CC0501015A
C206	.01uF 50EV Z SL	CC0501037L	C286	.01uF 50EV Z SL	CC0501037L
C208	.01uF 50EV Z SL	CC0501037L	C287	.01uF 50EV Z SL	CC0501037L
C209	.01uF 50EV Z SL	CC0501037L	C289	.001pF 50WV Z SL	CC0501027L
C212	.001pF 50WV Z SL	CC0501027L	C290	NO NEED	OMITTED
C214	.1uF 50WV Z SL	CC0501047L	C291	.01uF 50EV Z SL	CC0501037L
C215	27pF 50WV J CH	CC0502704A	C293	12pF 50WV J CH	CC0501204A
C218	.1uF 50WV Z SL	CC0501047L	C294	.47uF 50WV Z SL	CC0504737L
C220	.01uF 50EV Z SL	CC0501037L	C295	.1uF 50WV Z SL	CC0501047L
C221	.047uF 50WV Z SL	CC0504727L	C296	.01uF 50EV Z SL	CC0501037L
C222	.1uF 50WV Z SL	CC0501047L	C297	.01uF 50EV Z SL	CC0501037L
C223	.1uF 50WV Z SL	CC0501047L	C298	.1uF 50WV Z SL	CC0501047L
C226	.047uF 50WV Z SL	CC0504727L	C299	.1uF 50WV Z SL	CC0501047L
C228	.01uF 50EV Z SL	CC0501037L	C300	.047uF 50WV Z SL	CC0504737L
C229	150pF 60WV K SL	CC0501515L	C302	.001pF 50WV Z SL	CC0501027L
C230	270pF 50WV K SL	CC0502715L	C303	.047uF 50WV Z S;L	CC0504737L
C232	.01uF 50EV Z SL	CC0501037L	C305	.01uF 50EV Z SL	CC0501037L
C233	.001pF 50WV Z SL	CC0501027L	C306	.001pF 50WV Z SL	CC0501027L
C236	.001pF 50WV Z SL	CC0501027L	C307	.01uF 50EV Z SL	CC0501037L
C237	5pF 50WV C CH	CC0500501A	C308	.01uF 50EV Z SL	CC0501037L
C238	150pF 50WV K RH	CC0501515D	C309	.001pF 50WV Z SL	CC0501027L
C239	56pF 50WV J RH	CC0505604D	C310	.1uF 50WV Z SL	CC0501047L
C240	.1uF 50WV Z SL	CC0501047L	C311	.01uF 50EV Z SL	CC0501037L
C242	.01uF 50EV Z SL	CC0501037L	C312	.047uF 50WV Z SL	CC0504737L
C243	100pF 50WV K UJ	CC0501015G	C313	.1uF 50WV Z SL	CC0501047L
C244	.047uF 50WV Z SL	CC0504737L	C314	.1uF 50WV Z SL	CC0501047L
C245	.1juF 50WV Z SL	CC0501047L	C316	.001pF 50WV Z SL	CC0501027L
C246	27pF 50WV K CH	CC0502704A	C317	.047uF 50WV Z SL	CC0504737L
C247	150pF 50WV K UJ	CC0501515G	C319	10pF 50WV J SL	CC0501004L
C248	3pF 50WV C CH	CC0500301A	C320	.01uF 50EV Z SL	CC0501037L
C249	5pF 50WV C CH	CC0500501A	C321	.01uF 50EV Z SL	CC0501037L
C250	5pF 50WV C CH	CC0500501A	C323	.001pF 50WV Z SL	CC0501027L
C251	270pF 50WV K CH	CC0502715A	C324	.1uF 50WV Z SL	CC0501047L
C252	3pF 50WV C CH	CC0500301A	C325	.01uF 50EV Z SL	CC0501037L
C254	270pF 50WV K UJ	CC0502715L	C326	.1uF 50WV Z SL	CC0501047L
C255	150pF 50WV K UJ	CC0501515G	C327	.01uF 50EV Z SL	CC0501037L
C256	.1uF 50WV Z SL	CC0501047L	C329	.01uF 50EV Z SL	CC0501037L
C257	.1uF 50WV Z SL	CC0501047L	C330	.001pF 50WV Z SL	CC0501027L
C258	560pF 50WV K UJ	CC0505615G	C331	.1uF 50WV Z SL	CC0501047L
C259	.01uF 50EV Z SL	CC0501037L	C332	.1uF 50WV Z SL	CC0501047L
C260	NO NEED	OMITTED	C333	.1uF 50WV Z SL	CC0501047L
C261	680pF 50WV P UJ	CC0506815G	C334	.1uF 50WV Z SL	CC0501047L
C262	NO NEED	OMITTED	C335	.1uF 50WV Z SL	CC0501047L
C263	10pF 50WV J SL	CC0501004L	C336	.1uF 50WV Z SL	CC0501047L
C264	.1uF 50WV Z SL	CC0501047L	C337	.1uF 50WV Z SL	CC0501047L
C267	.1uF 50WV Z SL	CC0501047L	C338	.01uF 50EV Z SL	CC0501037L
C268	.01uF 50EV Z SL	CC0501037L	C339	100pF 50WV K SL	CC0501015L
C269	100pF 50WV K UK	CC0501015G	C340	.01uF 50EV Z SL	CC0501037L
C270	560pF 50WV K UJ	CC0505615G	C341	100pF 50WV K SL	CC0501015L
C271	.1uF 50WV Z SL	CC0501047L	C343	.001pF 50WV Z SL	CC0501027L
C272	100pF 50WV K SL	CC0501015L	C348	3pF 50WV C CH	CC0500301A
C273	.001pF 50WV Z SLK	CC0501037L	C349	.01uF 50EV Z SL	CC0501037L
C274	.01uF 50EV Z SL	CC0501037L			

8.0 MAIN BOARD (Con't)

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REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
MYLAR CAPACITORS			C170	10uF 25WV Z	CE0251067Z
C15	.0022uF 50M K	CM0502225Z	C196	47uF 10WV Z	CE0104767Z
C33	.001uF 50WV L	CM0501025Z	C201	47uF 10WV Z	CE0104767Z
C47	.022uF 50M K	CM0502235Z	C205	10uF 25WV Z	CE0251067Z
C186	.001uF 50WV L	CM0501025Z	C207	220uF 16WV Z	CE0162277Z
C234	.047uF 50M K	CM0504735Z	C213	330mF 16WV	CE0163377Z
C235	.001uF 50WV K	CM0501025Z	C216	22uF 10WV Z	CE0102267Z
TANTALUM CAPACITORS			C219	4.7uF 50WV Z	CE0504757Z
C10	4.7uF 16WV M	CT0164756Z	C223	47uF 10WV Z	CE0104767Z
C106	.22uF 16WV M	CT0162246Z	C224	1uF 50WV Z	CE0501057Z
C141	.22uF 16WV M	CT0162246Z	C231	100uF 10WV Z	CE0101077Z
C155	.22uF 16WV M	CT0162246Z	C265	2.2uF 50WV Z	CE0502257Z
C156	4.7uF 16WV M	CT0164756Z	C285	1uF 50WV Z	CE0501057Z
C160	.22uF 16WV M	CT0162246Z	C288	10uF 25WV Z	CE0251067Z
C161	2.2uF 16WV M	CT0162256Z	C292	10uF 25WV Z	CE0251067Z
C171	10uF 16WV M	CT0161066Z	C301	100uF 10WV Z	CE0101077Z
C175	10uF 16WV M	CT0161066Z	C304	220uF 16WV Z	CE0162287Z
CHIP CAPACITORS			C322	220uF 16WV Z	CE0162287Z
C266	.22uF 50WV	CJ0502246Z	C347	1uF 50WV Z	CE0501057Z
C328	.22uF 50WV	CH0502246Z	I.C.		
C345	.22uF 50WV	CH0502246Z	IC1	NJM324D	ENJR00324D
ELECTROLYTIC CAPACITORS			IC2	UPC1028H	ENNE01028H
C13	.47uF 50WV Z	CE0504747Z	IC3	AN612	ENMA00612Z
C16	2.2uF 50WV Z	CE0502257Z	IC4	NJM7805	ENJR07805Z
C25	10uF 25WV Z	CE0251067Z	IC5	TC5081AP	ENTA05081A
C27	10juF 25WV Z	CE0251067Z	IC6	NJM7808A	ENJR07808A
C32	47uF 10WV Z	CE0104767Z	IC7	TC5081AP	ENTA05081A
C36	10uF 25WV Z	CE0251067Z	IC8	TA7310P	ENTA07310P
C39	47uF 10WV Z	CE0104767Z	IC9	TA7310P	ENTA07310P
C44	47uF 10WV Z	CE0104767Z	IC10	TA7310P	ENTA07310P
C46	47uF 10WV Z	CE0104767Z	IC11	TC5082P	ENTA05082P
C49	47uF 10WV Z	CE0104767Z	IC12	HD10551	ENHI10551Z
C50	10uF 25WV Z	CE0251067Z	IC13	HD10551	ENHI10551Z
C57	10uF 25WV Z	CE0251067Z	IC14	TA7310P	ENTA07310P
C58	1000uF 10WV Z	CE0101087Z	IC15	NJM7808A	ENJR07808A
C70	10uF 25WV Z	CE0251067Z	IC16	JRC4558D	ENJR04558D
C81	2.2uF 50WV Z	CE0502257Z	IC17	CX7925B	ENS007925B
C88	1uF 50WV Z	CE0501057Z	IC19	TA7222AP	ENTA07222A
C95	22uF 10WV Z	CE0102267Z	IC20	S042P	ENSM00042P
C96	220uF 16WV Z	CE0162277Z	IC21	TC4069UBP	ENTA04069U
C99	220uF 16WV Z	CE0162277Z	DIODES		
C102	1uF 16WV NP	CE0161056N	D1	1N60P	ED1N00060P
C103	220uF 10WV Z	CE0102277Z	D2	1N60P	ED1N00060P
C109	4.7uF 50WV Z	CE0504757Z	D3	1N4148	ED1N04148Z
C111	100uF 10WV Z	CE0101077Z	D4	1N4148	ED1N04148Z
C116	220uF 16WV Z	CE0162277Z	D5	1N4148	ED1N04148Z
C128	47uF 10WV Z	CE0104767Z	D6	1N4148	ED1N04148Z
C137	10uF 25WV Z	CE0251067Z	D7	1N4148	ED1N04148Z
C138	1000uF 10WV Z	CE0101087Z	D8	1N4148	ED1N04148Z
C140	2.2uF 50WV Z	CE0502257Z	D9	1N4148	ED1N04148Z
C147	10uF 25WV Z	CE0251067Z	D10	1N4148	ED1N04148Z
C157	220uF 16WV Z	CE0162277Z	D11	1N60P	ED1N00060P
C168	10uF 25WV Z	CE0251067Z	D12	1N60P	ED1N00060P
			D13	1N4148	ED1N04148Z
			D14	1N4148	ED1N04148Z
			D15	1N4148	ED1N04148Z

8.0 MAIN BOARD (Con't)

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REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
D16	1N4148	ED1N04148Z	D76	1N4148	ED1N04148Z
D17	1N4148	ED1N04148Z	D77	1N4148	ED1N04148Z
D18	MC301	EDMC00301Z	D78	1N4148	ED1N04148Z
D19	FC54M	EDEC00054M	D79	1N4148	ED1N04148Z
D20	MC301	EDMC00301Z	D80	1N4148	ED1N04148Z
D21	1N4148	ED1N04148Z	D81	1N4148	ED1N04148Z
D22	1N4148	ED1N04148Z	D82	1N4148	ED1N04148Z
D23	FC54M	EDEC00054M	D83	1N4148	ED1N04148Z
D24	FC54M	EDEC00054M	D84	1N4148	ED1N04148Z
D25	MC301	EDMC00301Z	D85	1N4148	ED1N04148Z
D26	1N4148	ED1N04148Z	D86	ZENER .5W 5.6V	EDZD05569Z
D27	1N4148	ED1N04148Z	D87	FC54M	EDEC00054M
D28	1N4148	ED1N04148Z	C88	1N4148	ED1N04148Z
D29	1N4148	ED1N04148Z	D89	1N4148	ED1N04148Z
D30	1N4148	ED1N04148Z	D90	NO NEED	OMITTED
D31	1N4148	ED1N04148Z	D91	MV1Y	EDMV00001Y
D32	1N4148	ED1N04148Z	D92	MV1Y	EDMV00001Y
D33	1N4148	ED1N04148Z	D93	1N4148	ED1N04148Z
D34	1N60P	ED1N00060P	D94	FC54M	EDEC00054M
D35	1N60P	ED1N00060P	D95	FC54M	EDEC00054M
D36	1N4148	ED1N04148Z	D96	FC54M	EDEC00054M
D37	1N4148	ED1N04148Z	D97	1N4148	ED1N04148Z
D38	1N4148	ED1N04148Z	D98	1N4148	ED1N04148Z
D39	1N4148	ED1N04148Z	D99	1N4148	ED1N04148Z
D40	1N4148	ED1N04148Z	D100	1N4148	ED1N04148Z
D41	1N4148	ED1N04148Z	D101	1N4148	ED1N04148Z
D42	KB362	EDKB00362Z	D102	1N4148	ED1N04148Z
D43	FC54M	EDEC00054M	D103	1N4148	ED1N04148Z
D44	1N4148	ED1N04148Z	D104	1N4148	ED1N04148Z
D45	1N4148	ED1N04148Z	D105	1N4148	ED1N04148Z
D46	1N4148	ED1N04148Z	D106	1N4148	ED1N04148Z
D47	1N4148	ED1N04148Z	D107	1N4148	ED1N04148Z
D48	1N4148	ED1N04148Z	D108	1N4148	ED1N04148Z
D49	1N4148	ED1N04148Z	D109	1N4148	ED1N04148Z
D50	1N4148	ED1N04148Z	D110	1N4148	ED1N04148Z
D51	KB262	EDKB00262Z	D111	FC54M	EDEC00054M
D52	1N4148	ED1N04148Z	D112	1N4148	ED1N04148Z
D53	1N4148	ED1N04148Z	D113	1N4148	ED1N04148Z
D54	1N4148	ED1N04148Z	D116	MC301	EDMC00301Z
D55	1N4148	ED1N04148Z			
D56	1N4148	ED1N04148Z			
D57	1N4148	ED1N04148Z			
D58	1N4148	ED1N04148Z			
D59	1N4148	ED1N04148Z	Q1	2SC1675K	T2SC01675K
D60	1N4148	ED1N04148Z	Q2	2SC1675K	T2SC01675K
D61	1N4148	ED1N04148Z	Q3	2SC945P	TRSC00945P
D62	1N4148	ED1N04148Z	Q4	2SC945P	TRSC00945P
D63	1N4148	ED1N04148Z	Q5	2SC945P	TRSC00945P
D64	1N4148	ED1N04148Z	Q6	2SC945P	TRSC00945P
D65	1N4148	ED1N04148Z	Q7	2SC945P	TRSC00945P
D66	SVC251	EDSV00251Z	Q8	2SC1674K	T2SC01674K
D67	SVC251	EDSV00251Z	Q9	2SC1675K	T2SC01675K
D68	1N4148	ED1N04148Z	Q10	2SC1675K	T2SC01675K
D69	1N4148	ED1N04148Z	Q11	2SC1675K	T2SC01675K
D70	1N4148	ED1N04148Z	Q12	2SA00733P	T2SA00733P
D71	1N4148	ED1N04148Z	Q13	2SC945P	TRSC00945P
D72	1N4148	ED1N04148Z	Q14	2SC945P	TRSC00945P
D73	ZENER .5W 2.4V	EDZD05249Z	Q15	2SC945P	TRSC00945P
D74	ZENER .5W 5.6V	EDZD05269Z	Q16	2SC945P	TRSC00945P
D75	KB362	EDKB00362Z	Q17	2SC945P	TRSC00945P
			Q18	2SC1674K	T2SC01674K

TRANSISTORS

8.0 MAIN BOARD (Con't)

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8.0 MAIN BOARD (Con't)

REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
Q19	J310	EZZJ00310Z	L29	BEAD F PH=12.5mm	ECBAD18550
Q20	2SC1674K	T2SC01674K	L19	BEAD F PH=12.5mm	ECBAD18550
Q21	2SC1675K	T2SC01675K	L22	CHOKE 22uH (P TYPE)	ECCHK16070
Q22	2SC1675K	T2SC01675K	L26	CHOKE 470uH (P TYPE)	ECCHK16096
Q23	2SC1906	T2SC01906Z	L30	CHOKE 22uH (P TYPE)	ECCHK16070
Q24	2SC945P	TRSC00945P	L33	CHOKE .82uH	ECCHK16082
Q25	2SA733P	T2SA00733P	L34	RF .23uH	ECRFZ10001
Q26	2SC945P	TRSC00945P	L36	NO NEED	OMITTED
Q27	2SC1675K	T2SC01675K	L37	BEAD D SU-B-172D	ECBAD18504
Q28	2SC1675K	T2SC01675K	L38	RF .23uF	ECRFZ10091
Q29	2SC1675K	T2SC01675K	L39	BEAD F SU-B-172F	ECBAD18506
Q30	2SC945P	TRSC00945P	L40	BEAD D SU-B-175D	ECBAD18504
Q31	2SC945P	TRSC00945P	L41	TOROIDAL SU-TR-398	ECRFZ10048
Q32	2SC945P	TRSC00945P	L42	BEAD F SU-B-172F	ECBAD18506
Q33	2SC945P	TRSC00945P	L44	BEAD F PH=12.5mm	ECBAD18550
Q34	2SC945P	TRSC00945P	L45	BEAD F PH=12.5mm	ECBAD18550
Q35	2SA733P	T2SA00733P	L49	CHOKE (BIG ROUND)	ECCHK16151
Q36	2SC945P	TRSC00945P	L50	CHOKE .82uF	ECCHK16082
Q37	2SA1282	T2SA01282F	L51	CHOKE 10CH (P TYPE)	ECCHK16088
Q38	2SA1282	T2SA01282F	L52	CHOKE 10CH (P TYPE)	ECCHK16088
Q39	2SC945P	TRSC00945P	L53	CHOKE 470uH (P TYPE)	ECCHK16096
Q40	2SA1282	T2SA01282F	L59	BEAD F SU-B-172F	ECBAD18506
Q41	2SC945P	TRSC00945P	L60	BEAD F SU-B-172F	ECBAD18506
Q42	2SC945P	TRSC00945P	L61	BEAD F SU-B-172F	ECBAD18506
Q43	2SC1675K	T2SC01675K	L62	BEAD E PH=10mm	ECBAD18526
Q44	2SC1675K	T2SC01675K	L63	CHOKE 470uH (P TYPE)	ECCHK16096
Q45	2SA733P	T2SA00733P	L65	BEAD F SU-B-172F	ECBAD18506
Q46	2SC2312	T2SC02312C	L131	SPRING .8x6.5x7.5t	ECSPG18075
Q47	2SC2312	T2SC02312C	L132	SPRING .8x6.5x7.5t	ECSPPR18003
Q48	2SC2166C	T2SC02166C	L503	CHOKE .47uH (P TYPE)	ECCHK16000
Q49	2SC2314F	T2SC02314F	L504	CHOKE .47uH (P TYPE)	ECCHK16000
Q50	2SC1906	T2SC01906Z	T1	CHOKE EI-19 TF-083	ECCHK16004
Q51	2SB754Y	T2SB00754Y			
Q52	2SC945P	T2SC00945P			
Q53	2SA473/0	T2SA004730			
Q54	2SC945P	T2SC00945P			
Q55	2SC945P	T2SC00945P			
Q56	2SC945P	T2SC00945P			
Q57	2SC945P	T2SC00945P			
Q58	2SC945P	T2SC00945P			
	VARIABLE RESISTORS			VARIABLE INDUCTORS	
VR1	10K 3P, SEMI FIXED	RE10300078	L1	IFT M199CC-P14097F	ECIFT12251
VR2	10K 3P, SEMI FIXED	RE10300078	L2	IFT 199CC-P1498N	ECIFT12252
VR3	500K 3P, SEMI FIXED	RE50400080	L3	IFT 7MC-7172ABN	ECIFT12002
VR4	500K 3P, SEMI FIXED	RE50400080	L4	IFT M199CC-P14097F	ECIFT12251
VR7	10K 3P, SEMI FIXED	RE10300078	L5	IFT 7MC-7172ABN	ECIFT12002
VR8	100K 3P, SEMI FIXED	RE10400079	L6	IFT 7MC-7172ABN	ECIFT12002
VR11	3K 3P, SEMI FIXED	RE30200076	L7	IFT 7MC-7174Y	ECIFT12003
VR12	10K 3P, SEMI FIXED	RE10300078	L8	IFT M199CNF-P1499N	ECIFT12253
VR13	5K 3P, SEMI FIXED	RE50200077	L9	IFT 199CN-P1549N	ECIFT12290
VR14	1K 3P, SEMI FIXED	RE10200072	L11	IFT 199CN-P1549N	ECIFT12990
VR15	1K 3P, SEMI FIXED	RE10200072	L12	IFT M199CC-P1501A	ECIFT12255
VR16	10K 3P, SEMI FIXED	RE10300078	L13	IFT 199CC-P1502N	ECIFT12256
VR21	5K 3P, SEMI FIXED	RE50200077	L14	IFT 199CC-P1502N	ECIFT12256
	COILS		L15	IFT 199CC-P1498N	ECIFT12252
J52	CHOKE 470uH (P TYPE)	ECCHK16096	L16	IFT M199CC-P1503A	ECIFT12257
			L17	IFT 292CN-P11221Z	ECIFT12263
			L19	IFT6 M199CC-P1504N	ECIFT12258
			L21	IFT 292CN-P1121Z	ECIFT12263
			L23	IFT 199CC-P1498N	ECIFT12252
			L24	IFT 199CC-P1498N	ECIFT12252
			L25	IFT 199CC-P1498N	ECIFT12252
			L27	IFT 113CN-6344Z	ECIFT12016
			L28	IFT 113CN-6344Z	ECIFT12016
			L29	IFT 113CN-6344Z	ECIFT12016
			L43	IFT 292CN-P1117AQ	ECIFT12262

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8.0 MAIN BOARD (Con't)

8.0 MAIN BOARD (Con't)

REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
L46	IFT 292CN-P1125R	ECIFT12265	J14	7x7mmx7	WX01070707
L47	IFT 292CN-P1125R	ECIFT12265	J16	7x5mmx7	WX01070705
L48	IFT M199CC-P1501A	ECIFT12255	J17	7x10mmx7	WX01070710
	RELAYS		J18	7x13mmx7	WX01070713
RL	9V	EX05N40802	J19	1x4mmx7	WX01070704
	TRIMMER CAPACITORS		J20	7x6mmx7	WX01070706
VC1	20P	CV050200AZ	J21	7x10mmx7	WX01070710
VC2	20P	CV050200AZ	J22	7x6mmx7	WX01070706
VC3	30P	CV050300AZ	J23	7x6mmx7	WX01070706
	CERAMIC FILTERS		J24	7x6mmx7	WX01070706
FL1	CFW455HT	EFCFW455HT	J25	7x6mmx7	WX01070706
FL2	SEF 10.7 MX	EFCFE107MX	J26	7x6mmx7	WX01070706
FL3	CRYSTAL, 10.695 MHz	EFX8106952	J27	7x10mmx7	WX01070710
X1	CRYSTAL, 10.240 MHz	EYCAB10240	J28	7x9mmx7	WX01070709
X2	CRYSTAL, 10.240 MHz	EYCAB10240	J29	7x4mmx7	WX01070704
X3	CRYSTAL, 10.6975 MHz	EYCAE10697	J30	7x5mmx7	WX01070705
	CONNECTORS		J31	7x7mmx7	WX01070707
J101	PCB CONN. SOCKET 2P L=17.8	EX07N48185	J32	7x6mmx7	WX01070706
J104	PCB CONNECTOR SOCKET 3P	EX07N41216	J33	7x10mmx7	WX01070710
J105	PCB CONNECTOR SOCKET 2P	EX07N41226	J34	7x10mmx7	WX01070710
J107	PCB CONNECTOR SOCKET 2P	EX07N41226	J36	7x9mmx7	WX01070709
J108	PCB CONNECTOR SOCKET 2P	EX07N41226	J38	7x3mmx7	WX01070703
J109	PCB CONNECTOR SOCKET 3P	EX07N41216	J39	7x27mmx7	WX01070727
J110	PCB CONNECTOR SOCKET 3P	EX07N41216	J40	7x10mmx7	WX01070710
J112	PCB CONNECTOR SOCKET 3P	EX07N41216	J41	7x5mmx7	WX01070705
J113	PCB CONNECTOR SOCKET 6P	EX07N41266	J42	7x10mmx7	WX01070710
J115	PCB CONNECTOR SOCKET 3P	EX07N41216	J43	7x9mmx7	WX01070709
J116	PCB CONNECTOR SOCKET 3P	EX07N41216	J44	7x10mmx7	WX01070710
J117	PCB CONNECTOR SOCKET 7P	EX07N41261	J45	7x10mmx7	WX01070710
J118	PCB CONNECTOR SOCKET 3P	EX07N41216	J46	7x13mmx7	WX01070713
J119	PCB CONNECTOR SOCKET 6P	EX07N41266	J47	7x5mmx7	WX01070705
J501	EARPHONE JACK	EX06N41045	J48	7x5mmx7	WX01070705
J502	EARPHONE JACK	EX06N41045	J49	7x10mmx7	WX01070710
J503	EARPHONE JACK	EX06N41045	J50	7x10mmx7	WX01070710
	JUMPER WIRES		J51	7x10mmx7	WX01070710
J1	7x5mmx7	WX01070705	J53	7x5mmx7	WX01070705
J2	7x13mmx7	WX01070713	J54	7x6mmx7	WX01070706
J3	7x13mmx7	WX01070713	J56	7x5mmx7	WX01070706
J5	7x10mmx7	WX01070710	J57	7x4mmx7	WX01070704
J6	7x10mmx7	WX01070710	J58	7x10mmx7	WX01070710
J7	7x10mmx7	WX01070710	J59	7x5mmx7	WX01070705
J8	7x6mmx7	WX01070706	J60	7x6mmx7	WX01070706
J9	7x10mmx7	WX01070710	J61	7x6mmx7	WX01070706
J10	7x10mmx7	WX01070710	J62	7x4mmx7	WX01070704
J12	7x9mmx7	WX01070709	J63	7x8mmx7	WX01070708
J13	7x5mmx7	WX01070705	J64	7x10mmx7	WX01070710
J14	7x7mmx7	WX01070707	J66	7x10mmx7	WX01070710
J16	7x5mmx7	WX01070705	J67	7x14mmx7	WX01070714
J17	7x10mmx7	WX01070710	J68	7x6mmx7	WX01070706
J18	7x13mmx7	WX01070713	J69	7x10mmx7	WX01070710
			J70	7x5mmx5	WX01070705
			J71	7x4mmx7	WX01070704
			J72	7x5mmx7	WX01070705
			J73	7x5mmx7	WX01070705
			J74	7x10mmx7	WX01070710
			J75	7x8mmx7	WX01070708
			J76	7x7mmx7	WX01070707
			J78	7x7mmx7	WX01070707
			J79	7x6mmx7	WX01070706
			J80	7x6mmx7	WX01070706

8.0 MAIN BOARD (Con't)

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8.4 MIC JACK P.C. BOARD

REF#	DESCRIPTION	PART#
J81	7x13mmx7	WX01070713
J82	7x15mmx7	WX01070715
J83	7x7mmx7	WX01070707
J84	7x14mmx7	WX01070714
J86	7x5mmx7	WX01070705
J114	7x3mmx7	WX01070706
J322	7x5mmx7	WX01070705
ANT	7x50mmx7	WX01070750

8.1 VSWR P.C. BOARD

REF#	DESCRIPTION	PART#
—	VSWR P.C.B.	EPT360040Z
CARBON FIXED RESISTORS		
R401	100Ω ¼W(P) TYPE	RCP141014Z
R402	150Ω ¼W(P) TYPE	RCP141014Z
CERAMIC CAPACITORS		
C405	.01uF 50WV Z SL	CC0501037L
C406	.01uF 50WV Z SL	CC0501037L
DIODES		
D401	1N60P	ED1N00060P
D402	1N60P	ED1N00060P

8.2 RF/MIC & VOL/SQ P.C. BOARD

REF#	DESCRIPTION	PART#
—	VR P.C.B.	EPT295050Z
RF/MIC	VR 1KA-5KB	RV10203451
VOL/SQ	VR 50KB-50KA	RV50303453
CERAMIC CAPACITORS		
C501	.001uF 50WV Z SL	CC0501027L
C505	.001uF 50WV Z SL	CC0501027L
CONNECTORS		
J501	PCB CONNECTOR SOCKET 2P	EX07N41226
J502	PCB CONNECTOR SOCKET 2P	EX07N41226
J503	PCB CONNECTOR SOCKET 3P	EX07N41216
J504	PCB CONNECTOR SOCKET 3P	EX07N41216
J505	PCB CONNECTOR SOCKET 2P	EX07N41226

8.3 RF/CAL P.C. BOARD

REF#	DESCRIPTION	PART#
—	VR P.C.B.	EPT295060Z
RF/CAL	VR 1KB-20KB	RV10203456
CERAMIC CAPACITORS		
C601	.001uF 50WV Z SL	CC0501027L
CONNECTORS		
J601	PCB CONNECTOR SOCKET 3P	EX07N41216
J602	PCB CONNECTOR SOCKET 3P	EX07N41216

REF#	DESCRIPTION	PART#
—	MIC JACK P.C.B.	EPT295070Z
CERAMIC CAPACITORS		
C701	.001uF 50WV Z SL	CC0501027L
C702	.001uF 50WV Z SL	CC0501027L
C703	.001uF 50WV Z SL	CC0501027L
CONNECTORS		
J701	PCB CONNECTOR SOCKET 3P	EX07N48244
J702	PCB CONNECTOR SOCKET 2P	EX07N48152
J703	PCB CONNECTOR SOCKET 2P	EX07N48152
—	MIC JACK 6P	EX06N41111

7.5 BAND P.C. BOARD

REF#	DESCRIPTION	PART#
—	BAND P.C.B.	EPT295090Z
—	ROTARY SW, 6N	EWRT32053S
—	PCB CONNECTOR SOCKET 3P	EX07N41216
—	PCB CONNECTOR SOCKET 7P	EX07N41261
J403	JUMPER WIRE 1mmx6mmx7mm	WX01070706

8.6 CH/SW P.C. BOARD

REF#	DESCRIPTION	PART#
—	CH SW P.C.B.	EPT295090A
—	ROTARY SW, GPS-688	EWRT32051S
—	PCB CONNECTOR SOCKET 3P	EX07N41216

8.7 CHASSIS PARTS

REF#	DESCRIPTION	PART#
SP501	SPEAKER 3W 8Ω 2"	ES200820MC
—	FUSE 20A 16V	FUS-0020-000
—	DC CORD w/FUSE SOCKET	WA9812300C
—	DC SOCKET 6P	EX06N41163
—	ANT JACK	EX06N41019
—	MICROPHONE ASSEMBLY	EX04N40620
—	WIRE CONN. HOUSING 2-4-2P	EX07N48398
—	WIRE CONN. HOUSING 3-2-2P	EX07N48394
SP	WIRE CONN. HOUSING 2P	EX07N78041
J105	WIRE CONN. HOUSING 2-2P	EX07N48391
J108	WIRE CONN. HOUSING 2-2P	EX07N48391
J109	WIRE CONN. HOUSING 3-3P	EX07N48389
J112	WIRE CONN. HOUSING 3-3P	EX07N48389
J113	WIRE CONN. HOUSING 6P	EX07N48396
J115	WIRE CONN. HOUSING 3-3P	EX07N48389
J116	WIRE CONN. HOUSING 3-3P	EX07N48389
J117	WIRE CONN. HOUSING 7P	EX07N48387
J119	WIRE CONN. HOUSING 3-3P	EX07N48389
J501	WIRE CONN. HOUSING 2-2P	EX07N48391
J502	WIRE CONN. HOUSING 3-3P	EX07N48389
J503	WIRE CONN. HOUSING 3-3P	EX07N48389
J504	WIRE CONN. HOUSING 3-3P	EX07N48389
J508	WIRE CONN. HOUSING 2-2P	EX07N48391
J601	WIRE CONN. HOUSING 3-3P	EX07N48389
J602	WIRE CONN. HOUSING 3-3P	EX07N48389
J701	WIRE CONN. HOUSING 2-3-2-3P	EX07N48397
J702	WIRE CONN. HOUSING 2-3-2-3P	EX07N48397
J703	WIRE CONN. HOUSING 2-3-2-3P	EX07N48397

8.8 KEY P.C. BOARD

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8.10 CPU/MIC UP/DN P.C. BOARD

(PRE-MARCH 1995 VERSION)

REF#	DESCRIPTION	PART#
---	KEY P.C.B.	EPT295030Z
	CARON FIXED RESISTORS	
---	1.5K 1/16W(P) TYPE	RCP161524Z
	MISC.	
---	TACT SW	EWPS33042X
---	IC PIN	EX07N48414
---	LED YELLOW	EX01N40081
---	PCB CONN. SOCK. 6P L=21.8mm	EX07N48441

8.9 LCD P.C. BOARD

REF#	DESCRIPTION	PART#
---	LCD P.C.B.	EPT2950217
	RESISTORS	
R710	39K .1W, CHIP	ROY013934Z
R711	470K .1W, CHIP	ROY014744Z
R712	680K .1W	ROY016844Z
	CAPACITORS	
---	1uF 25V Z Y5V, MONOLITHIC	CK2104AB7V
---	.33uF 35V M, TANTALUM	CTY353346Z
---	1uF 16V M, TANTALUM	CTY161056Z
C701	1uF 16V M, TANTALUM	CTY161056Z
C702	0.33uF 35V M, TANTALUM	CTY353346Z
C703	0.33uF 35V M, TANTALUM	CTY353346Z
C704	0.33uF 35V M, TANTALUM	CTY353346Z
C705	1uF 16V M, TANTALUM	CTY161056Z
C707	0.01uF 50V M, CERAMIC	CK1103AB6U
C710	0.01uF 50V M, CERAMIC	CK1103AB6U
C711	0.01uF 50V M, CERAMIC	CK1103AB6U
C712	0.01uF 50V M, CERAMIC	CK1103AB6U
C713	0.01uF 50V M, CERAMIC	CK1103AB6U
C716	0.01uF 50V M, CERAMIC	CK1103AB6U
C717	0.01uF 50V M, CERAMIC	CK1103AB6U
C720	0.01uF 50V M, CERAMIC	CK1103AB6U
C721	0.01uF 50V M, CERAMIC	CK1103AB6U
	I.C.'s	
IC701	HD61602R 80PIN	ENHI61602R
	VARIABLE RESISTORS	
VR701	1M (TMC4K B1M OHM)	RE1050010Z
	MISC.	
---	IC HD61602R	ENHI61602R
---	SEMI-FIXED RESISTOR, 1M	RE1050010Z
---	LCD DISPLAY	EX03N40438
---	LAMP, 5V .08A	EX01N40080
---	IC SOCKET 2P	EX07N48442
---	PCB CONN. SOCK. 14P L=21.8mm	EX07N48438

REF#	DESCRIPTION	PART#
---	CPU P.C.B.	EPT295042Z
---	MIC UP/DN P.C.B.	EPT295080Z
	CARBON FIXED RESISTORS	
R601	270Ω 1/4W(U) TYPE	RCU142714Z
R602	220Ω 1/4W(U) TYPE	RCU142214Z
R603	180Ω 1/4W(U) TYPE	RCU141814Z
R604	82Ω 1/4W(U) TYPE	RCU148204Z
R605	470Ω 0.1W	RCY014714Z
R606	470Ω 0.1W	RCY014714Z
R607	470Ω 0.1W	RCY014714Z
R608	470Ω 0.1W	RCY014714Z
R609	10Ω 0.1W	RCY011034Z
R610	1Ω 0.1W	RCY011024Z
R611	47K 0.1W	RCY014734Z
R612	47K 0.1W	RCY014737Z
R613	47K 0.1W	RCY014737Z
R614	150K 0.1W	RCY011544Z
R615	47K 0.1W	RCY014734Z
R617	47K 0.1W	RCY014734Z
R618	47K 0.1W	RCY014734Z
R619	47K 0.1W	RCY014734Z
R620	470Ω 0.1W	RCY014714Z
R621	47K 0.1W	RCY014734Z
R622	47K 0.1W	RCY014734Z
R623	47K 0.1W	RCY014734Z
R624	47K 0.1W	RCY014734Z
R625	47K 0.1W	RCY014734Z
R626	4.7K 0.1W	RCY014724Z
R627	47K 0.1W	RCY014734Z
R628	47K 0.1W	RCY014734Z
R629	47K 0.1W	RCY014734Z
R630	1 MEG 0.1W	RCY011054Z
R631	10K 0.1W	RCY011034Z
R632	47K 0.1W	RCY014734Z
R633	39K 0.1W	RCY013934Z
R634	220K 0.1W	RCY012244Z
R635	1 MEG 0.1W	RCY011054Z
R636	100K 0.1W	RCY011044Z
R637	220K 0.1W	RCY012244Z
R638	100K 0.1W	RCY011044Z
R639	47K 0.1W	RCY014734Z
R640	47K 0.1W	RCY014734Z
R641	150K 0.1W	RCY011544Z
	ARRAY RESISTORS	
RA601	10K/20K 6P	RCS0670023
RA602	47K 5P	RCS0570009
RA603	47K 5P	RCS0570009
RA604	220K 5P	RCS0570022
RA605	47K 5P	RCS0570009
RA606	220K 9P	RCS0970021
RA607	47K 5P	RCS0570009
RA608	47K 5P	RCS0570009
RA609	47K 5P	RCS0570009
RA610	220K 9P	RCS0570022
RA611	47K 5P	RCS0570009

8.10 CPU/MIC UP/DN P.C. BOARD RCI-2970

8.11 MISC. PARTS (Con't)

REF#	DESCRIPTION	PART#
CAPACITORS		
C601	0.1uF 50WV K Z5U, MONO.	CK1103AB7U
C602	.1uF 35WV M TANTALUM	CTY351046Z
C603	.33uF 35WV M, TANTALUM	CTY353346Z
C604	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C605	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C606	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C607	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C608	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C609	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C610	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C611	.01uF 50WV K Z5U, MONO.	CK1103AB7U
C612	33pF 50WV J CH, MONO. CHIP	CK1330AB4A
C613	33pF 50WV J CH, MONO. CHIP	CK1330AB4A
C614	.1uF 50WV Z Y5V, MONO.	CK2104AB7V
C615	.0027uF 50WV Z Y5V, MONO.	CK1272AB5R
C616	470pF 50WV K SL, MONO. CHIP	CK1471AB5L
C617	100pF 50WV K SL, M ONO CHIP	CK1101AB5L
C618	.01uF 50WV K Z5U, MONO.	CK1103AB7U
I.C.'S		
IC601	HD4074008F	ENHI74008F
IC602	TC4069UBF	ENTA04069F
IC603	M5223FP	ENMI05223F
IC601	TC4069UBF	ENTA04069F
IC605	TA78	TZTA00078Z
IC606	TA78	TZTA00078Z
IC612	7805	ENSS07805Z
TRANSISTORS		
TR601	2SC945P	T2SC00945P
TR602	2SC945P	T2SC00945P
TR603	2SC945P	T2SC00945P
T604	2SC945P	T2SC00945P
TR605	2SC2712	T2SC02712G
TR606	2SC2712	T2SC02712G
TR607	2SC2712	T2SC02712G
—	2SA1162GR	T2SA01162G
DIODES		
D601	1N5711	ED1N05711Z
D602	1SS181	EDSS00181Z
D604	1SS181	EDSS00181Z
D605	1SS181	EDSS00181Z

8.11 MISC. PARTS

REF#	DESCRIPTION	PART#
X601	RESONATOR, 4 MHz, CERAMIC	EX14N46510
—	BUZZER RKM35-4A	EX14N46511
L1	BATTERY LITHIUM, 3V 170mAh	EX08N41405
—	PCB CONNECTOR SOCKET 6P	EX07N41266
—	PCB CONNECTOR SOCKET 4P	EX07N41250
—	PCB CONNECTOR SOCKET 3P	EX07N41216
CN602	PCB CONNECTOR SOCKET 2P	EX07N41226
CN608	PCB CONNECTOR SOCKET 2P	EX07N41226

REF#	DESCRIPTION	PART#
CN609	PCB CONNECTOR SOCKET 2P	EX07N41226
—	PCB CONNECTOR SOCKET 3P	EX07N48244
—	PCB CONNECTOR SOCKET 4P	EX07N48440
—	PCB CONNECTOR SOCKET 7P	EX07N48011
—	PCB CONNECTOR SOCKET 6P	EX07N48010
—	PCB CONNECTOR SOCKET 10P	EX07N48416
—	SHORT PIN 2P	EX07N48151
—	FRONT PANEL, BLACK	PT2950010A
—	FRONT PANEL (RCI-2970)	PT2950010G
—	REFRACTOR PLATE (KEY)	PT2950030A
—	REFRACTOR PLATE (LCD)	PT2950041A
—	KNOB, BLACK	PT2950051A
—	KNOB, BLACK	PT2950060A
—	INNER KNOB, BLACK	PT2950071A
—	OUTER KNOB, BLACK	PT2950080A
—	LCD WINDOW	PT2950090A
—	FRONT CHASSIS	MT2950010P
—	SPACE KING	MT2950020E
—	D SPRING A #6600	MT3600080T
—	D SPRING B #7800	MT3600090T
—	D SPRING D #8500	MT3600100T
—	HANDLER, BLACK	MT3600030A
—	TOP HOUSING, BLACK	MT2950031A
—	BOTTOM HOUSING, BLACK	MT2950041A
—	SET CHASSIS	MT3600022X
—	SOCKET HOLDER	MT3600050X
—	SHIELD PLATE (A)	MT1200060N
—	HEAT SINK, BLACK	MM7878040X
—	P.C.B BRACKET	MT3600010S
—	SHIELD PLATE	MT2710060X
—	TOP HOUSING	MT2950031B
—	RUBBER KEY	QT2950010A
—	MIC PLATE	BT2100020A
—	MIC PLATE	BT2100020D
—	MIC PLATE	BT0SSB010B
—	SHIELD CLOTH 10x88x.3t	LZZZ60001Z
—	SHIELD CLOTH 90x90x.18t	LZZZ60056Z
—	LCD SPONGE RUBBER 108x25x1t	XZZZ90205Z
—	CLAMP	GZZZ50000Z
—	BEEP SPONGE 22x1.5t	XZZZ90206Z
—	FOAM 14x16x20mm	XZZZ90004Z
—	PCB STOPPER	XZZZ90006Z
—	INSULATING PLATE	XZZZ90020Z
—	INSULATING RING	XZZZ90003Z
—	ANT/MIC SOLDER PLATE	XZZZ90098Z
—	16x21x.5t	XZZZ90021Z
—	SPONGE 15x30x11t	XZZZ90002Z
—	SODER PLATE	XZZZ90002Z
—	LCD PCB SHIELD PLATE	XZZZ90187Z
—	35x8x2t	BT6300041A
—	RCI MIC PLATE	LZZZ61278Z
—	LAMP REFRACTOR LABEL 28x11	LZZZ61277Z
—	TOP REFRACTOR LABEL 25x8	LZZZ61276Z
—	LCD REFRACTOR LABEL 100x11	JS052010MN
B757Y	SCREW, M2.0x0.4px10 PAN HEAD	JS052012MN
TR46	SCREW, M2.0x0.4px12 PAN HEAD	JS052012MN
TR47	SCREW, M2.0x0.4px12 PAN HEAD	JS052012MN
TR48	SCREW, M2.0x0.4px12 PAN HEAD	JS052012MN
—	FRON PANEL (4) SCREW	JS033006MN
—	M3.0x0.5px6, FLAT HEAD	

8.11 MISC. PARTS (Con't)

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8.11 POWER PCB (Con't)

REF#	DESCRIPTION	PART#
—	DC SOCKET(2), SET CHASSIS(12) LCE & CPU PCB (6) SCREW M3.0x0.5px6, PAN HEAD	JS053006MN
—	SCREW, M3.0x0.5px6 (PVC) ROUND HEAD	JS013006MY
—	MAIN PCB (5) SCREW, T3x6-2 PAN HEAD	JS053006TN
—	HEAT SINK SCREW, T3x8-2 ROUND HEAD	JS013008TN
—	SPEAKER (4) SCREW M3.0x0.5px8 PAN HEAD	JS053008MN
—	T7808 KEY PCB(2) SCREW M3.0x0.5px10 PAN HEAD	JS053010MN
—	R7808(1) KEY PCB (2) CREW M3.0x0.5px10 PAN HEAD	JS053010MN
—	IC7808x2 SCREW M2.0x0.4px8 PAN HEAD	JS052008MN
—	SPEAKER (4) NUT w/WASHER	JN263035ZS
—	2SC2312 (3) NUT	JN242012ZS
—	INSULATING RING	XZZZ90072Z
—	MOUNTING SCREW M5.0x0.8x11 BLACK	XZZZ90007Z
—	SCREW 5x10-1 STEEL	JS015010WH
—	SCREW 3.5x8-2	JS013508TH
—	STOPPER	XZZZ90008Z
—	OUTSIDE TOOTH WASHER 5.5x10x0.3	JW315510CN
—	INSIDE TOOTH WASHER 4x8x0.3	JW324008CN
—	FIBER WASHER 4.9x15x1T	XZZZ90188Z

8.11 POWER PCB

REF#	DESCRIPTION	PART#
—	POWER P.C.B	EPA010010A
—	C/F/R 22W ¼W(U) TYPE	RCU142204Z
R901	C/F/R 1K ¼W(P) TYPE	RCP141024Z
R902	C/F/R 1K ¼W(M) TYPE	RCM141024A
R903	C/F/R 39K 2W(P) TYPE	RCP203904Z
R904	C/F/R 1W ¼W(U) TYPE	RCU141094Z
R909	C/F/R 10K ¼W(U) TYPE	RCU141034Z
R910	S/F/R 10K (S) TYPE	RE10300069
R911	C/F/R 10K ½W(P) TYPE	RCP121034Z
—	M/O/R 220W 2W(P) TYPE	RFP202214Z
—	C/C 22pF 50WV SL J	CC0502204L
C901	C/C 0.1uF 50WV SL Z	CC0501047L
C902	C/C 390pF 50WV SL K	CC0503915L
C903	C/C 390pF 50WV SL K	CC0503915L
C905	C/C 31uF 50WV SL Z	CC0501037L
C906	C/C 0.1uF 50WV SL Z	CC0501047L
C908	MICA/X 180pF 300WV J	CD3001814Z
C909	MICA/C 680pF 300WV J	CD3006814Z
C910	MICA/C 180pF 300WV J	CD3001814Z
C916	MICA/C 150pF 300WV J	CD3001514Z
C917	MICA/C 100pF 500V G	CD5001018Z
C918	MICA/C 68pF 300WV J	CD3006804Z
C919	HV DISC/C 0.01uF DE1510E103Z1K	CX0071037Z
C920	C/C 0.1uF 50WV SL Z	CC0501047L
C921	C/C 0.1uF 50WV SL Z	CC0501047L

REF#	DESCRIPTION	PART#
C922	E/C 220uF 16WV Z	CE0162277Z
C923	C/C 0.1uF 50WV SL Z	CC0501047L
C924	C/C 0.1uF 50WV SL Z	CC0501047L
C925	C/C 0.1uF 50WV SL Z	CC0501047L
C926	C/C 0.1uF 50WV SL Z	CC0501047L
C927	C/C 0.1uF 50WV SL Z	CC0501047L
C928	C/C 0.1uF 50WV SL Z	CC0501047L
C929	C/C 0.1uF 50WV SL Z	CC0501047L
C930	C/C 0.1uF 50WV SL Z	CC0501047L
C931	C/C 0.1uF 50WV SL Z	CC0501047L
C932	C/C 0.1uF 50WV SL Z	CC0501047L
C933	C/C 0.1uF 50WV SL Z	CC0501047L
C934	C/C 0.1uF 50WV SL Z	CC0501047L
C935	C/C 0.1uF 50WV SL Z	CC0501047L
C936	MICA/C 100pF 500V G	CD5001018Z
C937	C/C 0.1uF 50WV SL Z	CC0501047L
C938	E/C 220uF 38WV Z	CE0352277Z
C939	C/C 0.1uF 50WV SL Z	CC0501047L
C940	C/C 0.1uF 50WV SL Z	CC0501047L
C941	C/C 0.1uF 50WV SL Z	CC0501047L
D901	DIODE 1N4001	ED1N04001Z
D902	DIODE 1N4001	ED1N04001Z
D903	DIODE 1N4148	ED1N04148Z
D904	DIODE 1N4148	ED1N04148Z
J901	PCB CONN/S 2P T	EX07N41226
J902	PCB CONN/S 2P T	EX07N41226
L901	BEED COAIL 6x10x3t	ECBAD18553
L902	CHOKE COIL 6.8uH	ECCHK16098
L903	SPRING COIL 1x6.5x7t	ECSPG18069
L904	SPRING COIL 1x6.5x7t	ECSPG18069
R901	S/F/R 1K (S) TYPE	RE10200046
RL901	RELAY DS2-M-DC9V	EX05N40825
T901	RF COIL	ECRFZ10096
T902	RF COIL	RCRFZ10097
TR901	TR 2SC2290	T2SC02290Z
TR902	TR 2SC2290	T2SC02290Z
TR903	TR 2SC1406-GR	T2SD01406R
—	V TYPE JACK (M PIN)	
—	TMP-JP1X-V6	GZZZ50062Z
—	C PIN AC 220V	GZZZ50011Z
—	SHIELD COVER	MT2970040X
—	ONSERT M2.6xM5x3t	MTTURB160X
—	HEAT SINK	MT2970030X