

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

8.0 MAIN BOARD (Con't)

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

8.0 MAIN BOARD (Con't)

RCI-2970

8.0 MAIN BOARD (Con't)

REF#	DESCRIPTION	PART#
R106	6.8K 1/4W(U) TYPE	RCU146824Z
R107	100K 1/4W(U) TYPE	RCU141044Z
R108	68K 1/4W(U) TYPE	RCU146834Z
R109	100K 1/4W(U) TYPE	RCU141044Z
R110	1.5M 1/4W(U) TYPE	RCU141554Z
R111	68K 1/4W(U) TYPE	RCU146834Z
R112	22K 1/4W(M) TYPE	RCM142234A
R113	3.3K 1/4W(U) TYPE	RCU143324Z
R114	680Ω 1/4W(M) TYPE	RCM146814A
R115	220K 1/4W(U) TYPE	RCU142244Z
R116	47K 1/4W(U) TYPE	RCU144734Z
R117	1K 1/4W(U) TYPE	RCU141024Z
R118	10K 1/4W(M) TYPE	RCM141034A
R119	10Ω 1/4W(U) TYPE	RCU144794Z
R120	1K 1/4W(U) TYPE	RCU141024Z
R121	27K 1/4W(U) TYPE	RCU142734Z
R122	1K 1/4W(U) TYPE	RCU141024Z
R123	10K 1/4W(U) TYPE	RCU141034Z
R124	10K 1/4W(U) TYPE	RCU141034Z
R125	100K 1/4W(U) TYPE	RCU141044Z
R126	10K 1/4W(U) TYPE	RCU141034Z
R127	1K 1/4W(U) TYPE	RCU141024Z
R128	220Ω 1/4(U) TYPE	RCU142214Z
R129	10K 1/4W(U) TYPE	RCU141034Z
R130	10K 1/4W(U) TYPE	RCU141034Z
R131	10K 1/4W(U) TYPE	RCU141034Z
R132	100Ω 1/4W(U) TYPE	RCU141014Z
R133	10K 1/4W(U) TYPE	RCU141034Z
R134	10K 1/4W(U) TYPE	RCU141034Z
R135	220Ω 1/4W(U) TYPE	RCU142214Z
R136	56Ω 1/4W(U) TYPE	RCU145604Z
R137	560Ω 1/4W(U) TYPE	RCU145614Z
R138	150Ω 1/4W(U) TYPE	RCU141514Z
R139	220K 1/4W(U) TYPE	RCU142244Z
R140	1.5K 1/4W(M) TYPE	RCM141524A
R141	100Ω 1/4W(U) TYPE	RCU141014Z
R142	1K 1/4W(U) TYPE	RCU141024Z
R143	10K 1/4W(U) TYPE	RCU141034Z
R144	330Ω 1/4W(U) TYPE	RCU143314Z
R145	10K 1/4W(U) TYPE	RCU141034Z
R146	10K 1/4W(U) TYPE	RCU141034Z
R147	1K 1/4W(M) TYPE	RCM141024A
R148	270K 1/4W(M) TYPE	RCM142744A
R150	270K 1/4W(U) TYPE	RCU142744Z
R151	4.7K 1/4W(U) TYPE	RCU144724Z
R152	4.7K 1/4W(M) TYPE	RCM144724A
R153	10K 1/4W(U) TYPE	RCU141034Z
R154	3.3K 1/4W(U) TYPE	RCU143324Z
R155	220Ω 1/4W(M) TYPE	RCM142214A
R156	100Ω 1/4W(U) TYPE	RCU141014Z
R157	1K 1/4W(P) TYPE	RCP141024Z
R159	10K 1/4W(U) TYPE	RCU141034Z
R160	330K 1/4W(U) TYPE	RCU143344Z
R161	220Ω 1/4W(U) TYPE	RCU142214Z
R162	100K 1/4W(U) TYPE	RCU141044Z
R163	470K 1/4W(U) TYPE	RCU144744Z
R164	15K 1/4W(U) TYPE	RCU141534Z
R166	10K 1/4W(U) TYPE	RCU141034Z
R167	100K 1/4W(U) TYPE	RCU141044Z
R168	47K 1/4W(U) TYPE	RCU144734Z

REF#	DESCRIPTION	PART#
R169	12K 1/4W(U) TYPE	RCU141234Z
R170	10K 1/4W(U) TYPE	RCU141034Z
R171	1K 1/4W(U) TYPE	RCU141024Z
R172	1K 1/4W(U) TYPE	RCU141024Z
R173	470Ω 1/4W(U) TYPE	RCU144714Z
R174	3.3K 1/4W(M) TYPE	RCM143324A
R175	1.5K 1/4W(U) TYPE	RCU141524Z
R176	1K 1/4W(U) TYPE	RCU141024Z
R177	10K 1/4W(U) TYPE	RCU141034Z
R178	4.7K 1/4W(U) TYPE	RCU144724Z
R179	1.5K 1/4W(U) TYPE	RCU141554Z
R180	10K 1/4W(P) TYPE	RCP141034Z
R181	10K 1/4W(U) TYPE	RCU141034Z
R182	4.7K 1/4W(U) TYPE	RCU144724Z
R183	4.7K 1/4W(U) TYPE	RCU144724Z
R184	2.2K 1/4W(U) TYPE	RCU142224Z
R185	100Ω 1/4W(U) TYPE	RCU141014Z
R186	3.3K 1/4W(M) TYPE	RCM143324A
R188	47K 1/4W(U) TYPE	RCU144734Z
R189	10K 1/4W(M) TYPE	RCM141034B
R190	10K 1/4W(U) TYPE	RCU141034Z
R191	220K 1/4W(U) TYPE	RCU142244Z
R192	100K 1/4W(M) TYPE	RCM141044A
R193	10K 1/4W(U) TYPE	RCU141034Z
R194	22K 1/4W(U) TYPE	RCU142234Z
R195	47K 1/4W(M) TYPE	RCM144734A
R196	680Ω 1/4W(M) TYPE	RCM146814A
R197	100Ω 1/4W(U) TYPE	RCU141014Z
R198	1.8K 1/4W(U) TYPE	RCU141824Z
R199	47K 1/4W(U) TYPE	RCU144734Z
R200	22K 1/4W(U) TYPE	RCU142234Z
R201	10K 1/4W(U) TYPE	RCU141034Z
R202	56Ω 1/4W(M) TYPE	RCM145604A
R203	10K 1/4W(U) TYPE	RCU141034Z
R204	560Ω 1/4W(U) TYPE	RCU145614Z
R205	3.3K 1/4W(U) TYPE	RCU143324Z
R206	100Ω 1/4W(U) TYPE	RCU141014Z
R207	22Ω 1/4W(M) TYPE	RCM142204A
R208	100Ω 1/4W(U) TYPE	RCU141014Z
R209	22Ω 1/4W (U) TYPE	RCU142204Z
R210	1K 1/4W(U) TYPE	RCU141024Z
R211	4.7K 1/4W(U) TYPE	RCU144724Z
R212	33K 1/4W(U) TYPE	RCU143334Z
R213	10K 1/4W(M) TYPE	RCM141034A
R214	10K 1/4W(U) TYPE	RCU141034Z
R215	4.7K 1/4W(U) TYPE	RCU144724Z
R216	10K 1/4W(U) TYPE	RCU141034Z
R217	10K 1/4W(M) TYPE	RCM141034A
R218	1K 1/4W(M) TYPE	RCM141024A
R219	22K 1/4W(U) TYPE	RCU142234Z
R220	1K 1/4W(U) TYPE	RCU141024Z
R221	10K 1/4W(U) TYPE	RCU141034Z
R222	4.7K 1/4W(M) TYPE	RCM144724B
R223	6.8K 1/4W(M) TYPE	RCM146824A
R224	56Ω 1/4W(U) TYPE	RCU145604Z
R225	1K 1/4W(M) TYPE	RCM141024A
R226	10K 1/4W(M) TYPE	RCM141034A
R227	22K 1/4W(U) TYPE	RCU142234Z
R228	4.7K 1/4W(U) TYPE	RCU144724Z
R229	220K 1/4W(U) TYPE	RCU142244Z

RCI-2970

8.0 MAIN BOARD (Con't)

REF#	DESCRIPTION	PART#	REF#	DESCRIPTION	PART#
R230	1K ¼W(U) TYPE	RCU141024Z	R295	10K ¼W(U) TYPE	RCU141034Z
R231	470K ¼W(U) TYPE	RCU144744Z	R296	10K ¼W(U) TYPE	RCU141034Z
R232	4.7K ¼W(P) TYPE	RCP144724Z	R297	10Ω ¼W(U) TYPE	RCU141004Z
R233	100Ω ¼W(U) TYPE	RCU141014Z	R298	1K ¼W(U) TYPE	RCU141024Z
R234	10K ¼W(P) TYPE	RCP141034Z	R299	NO NEED	OMITTED
R235	1K ¼W(U) TYPE	RCU141024Z	R300	560Ω ¼W(U) TYPE	RCU145614Z
R236	330Ω ¼W(U) TYPE	RCU143314Z	R301	6.8K ¼W(U) TYPE	RCU146824Z
R237	10K ¼W(U) TYPE	RCU141034Z	R302	1K ¼W(P) TYPE	RCP141024Z
R238	10K ¼W(U) TYPE	RCU141034Z	R303	10K ¼W(U) TYPE	RCU141034Z
R239	220Ω ¼W(U) TYPE	RCU142214Z	R304	1Ω ¼W(P) TYPE	RCP141094Z
R240	10K ¼W(M) TYPE	RCM141034A	R305	220Ω ¼W(M) TYPE	RCM142214A
R241	2.2K ¼W(U) TYPE	RCU142224Z	R306	10K ¼W(U) TYPE	RCU141034Z
R242	100Ω ¼W(M) TYPE	RCM141014A	R307	1K ¼W(U) TYPE	RCU141024Z
R243	47K ¼W(U) TYPE	RCU144734Z	R308	100Ω ¼W(U) TYPE	RCU141014Z
R244	22K ¼W(U) TYPE	RCU142234Z	R309	33K ¼W(U) TYPE	RCU143334Z
R245	47K ¼W(U) TYPE	RCU144734Z	R310	270K ¼W(U) TYPE	RCU143344Z
R246	1.5K ¼W(U) TYPE	RCU141524Z	R311	1K ¼W(M) TYPE	RCM141024A
R247	4.7K ¼W(U) TYPE	RCU144724Z	R312	1K ¼W(U) TYPE	RCU141024Z
R248	1K ¼W(U) TYPE	RCU141024Z	R313	1K ¼W(U) TYPE	RCU141024Z
R249	NO NEED	OMITTED	R314	10K ¼W(U) TYPE	RCU141034Z
R250	NO NEED	OMITTED	R315	22K ¼W(U) TYPE	RCU142234Z
R251	10K ¼W(P) TYPE	RCP121034Z	R317	1K ¼W(U) TYPE	RCU141024Z
R252	1K ¼W(M) TYPE	RCM141024A	R318	100Ω ¼W(M) TYPE	RCM141014A
R253	NO NEED	OMITTED	R319	1K ¼W(U) TYPE	RCU141024Z
R254	NO NEED	OMITTED	R320	100Ω ¼W(U) TYPE	RCU141014Z
R255	NO NEED	OMITTED	R321	10K ¼W(U) TYPE	RCU141034Z
R256	15Ω ¼W(U) TYPE	RCU141504Z	R322	100K ¼W(M) TYPE	RCM141044A
R257	150Ω ¼W(P) TYPE	RCP121514Z	R323	33K ¼W(U) TYPE	RCU143334Z
R258	2.2Ω ¼W(P) TYPE	RCP142294Z	R234	4.7K ¼W(M) TYPE	RCM144724A
R259	150Ω ¼W(U) TYPE	RCU141514Z	R325	10K ¼W(U) TYPE	RCU141034Z
R260	4.7Ω ¼W(U) TYPE	RCU144794Z	R326	1K ¼W(M) TYPE	RCM141024A
R261	1.5K ¼W(U) TYPE	RCU141524Z	R327	10K ¼W(U) TYPE	RCU141034Z
R262	330Ω ¼W(U) TYPE	RCU143314Z	R330	1K ¼W(U) TYPE	RCU141024Z
R264	47Ω ¼W(U) TYPE	RCU144704Z	R331	10K ¼W(M) TYPE	RCM141034A
R265	330Ω ¼W(U) TYPE	RCU143314Z	R332	1K ¼W(U) TYPE	RCU141024Z
R266	1.5K ¼W(U) TYPE	RCU141524Z	R333	100Ω ¼W(M) TYPE	RCM141014A
R268	1K ¼W(U) TYPE	RCU141024Z	R334	100Ω ¼W(M) TYPE	RCM141014B
R269	100K ¼W(U) TYPE	RCU141044Z	R335	22K ¼W(U) TYPE	RCU142234Z
R270	100K ¼W(U) TYPE	RCU141044Z	R336	10K ¼W(M) TYPE	RCM141034A
R272	100K ¼W(U) TYPE	RCU141044Z			
R273	100Ω ¼W(U) TYPE	RCU141014Z			
R274	10K ¼W(U) TYPE	RCU141034Z			
R276	150Ω ¼W(U) TYPE	RCU141514Z			
R277	2.2K ¼W(U) TYPE	RCU142224Z			
R278	10K ¼W(U) TYPE	RCU141034Z			
R279	100Ω ¼W(M) TYPE	RCM141014A			
R280	4.7K ¼W(M) TYPE	RCM144724A			
R281	4.7K ¼W(U) TYPE	RCU144724Z			
R282	4.7K ¼W(P) TYPE	RCP144724Z			
R283	10K ¼W(M) TYPE	RCM141034A			
R284	1K ¼W(U) TYPE	RCU141024Z			
R285	470Ω ¼W(U) TYPE	RCU144714Z			
R286	15Ω ¼W(U) TYPE	RCU141504Z			
R287	3.3K ¼W(U) TYPE	RCU143324Z			
R289	470Ω ¼W(U) TYPE	RCU144714Z			
R290	47K ¼W(U) TYPE	RCU144734Z			
R291	4.7K ¼W(U) TYPE	RCU144724Z			
R292	4.7K ¼W(M) TYPE	RCM144724B			
R293	10K ¼W(U) TYPE	RCU141034Z			
R294	4.7K ¼W(U) TYPE	RCU144724Z			
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8.0 MAIN BOARD (Con't)

RCI-2970

8.0 MAIN BOARD (Con't)

REF#	DESCRIPTION	PART#
C23	.1uF 50WV Z SL	CC0501047L
C24	.01uF 50EV Z SL	CC0501037L
C28	.047uF 50WV Z SL	CC0504737L
C29	68pF 50WV J SL	CC0506804L
C30	560pF 50WV K SL	CC0505615L
C31	15pF 50WV J CH	CC0501504A
C34	.01uF 50EV Z SL	CC0501037L
C35	100pF 50WV K SL	CC0501015L
C37	270pF 50WV K SL	CC0502715L
C38	.01uF 50EV Z SL	CC0501037L
C41	.001pF 50WV Z SL	CC0501027L
C42	.1uF 50WV Z SL	CC0501047L
C43	1pF 50WV J SL	CC0500101A
C45	.001pF 50WV Z SL	CC0501027L
C48	.1uF 50WV Z SL	CC0501047L
C51	.001pF 50WV K SL	CC0502215L
C52	220pF 50WV K SL	CC0502215L
C53	12pF 50WV J CH	CC0501204A
C54	.047uF 50WV Z SL	CC0504737L
C55	68pF 50WV J CH	CC0506804A
C56	.01uF 50EV Z SL	CC0501037L
C59	.047uF 50WV Z SL	CC0504737L
C60	.01uF 50EV Z SL	CC0501037L
C61	5pF 50WV J CH	CC0501004A
C63	.1uF 50WV Z SK	CC0501047L
C65	56pF 50WV J CH	CC0503304A
C66	1pF 50WV C CH	CC0500101A
C67	39pF 50WV J CH	CC0503904A
C68	5pF 50WV C CH	CC0500501A
C69	.01uF 50EV Z SL	CC0501037L
C71	.01uF 50EV Z SL	CC0501037L
C72	3pF 50WV CH	CC0500301A
C73	3pF 50WV C CH	CC0500301A
C74	.01uF 50EV Z SL	CC0501037L
C75	27pF 50WV J SL	CC0502704L
C76	.1uF 50WV Z SL	CC0501047L
C77	5pF 50WV C SL	CC0500501L
C78	.01uF 50EV Z SL	CC0501037L
C79	.01uF 50EV Z SL	CC0501037L
C80	.047uF 50WV Z SL	CC0504737L
C82	47pF 50WV J SL	CC0504704L
C83	.01uF 50EV Z SL	CC0501037L
C84	.1uF 50WV Z SL	CC0501047L
C85	.1uF 50WV Z SL	CC0501047L
C86	.1uF 50WV Z SL	CC0501047L
C87	220pF 50WV K SL	CC0502215L
C89	5pF 50WV C SL	CC0500501L
C90	5pF 50WV C CH	CC0500501A
C91	15pF 50WV J SL	CC0501504L
C92	1uF 50WV Z SL	CC0501047L
C93	1uF 50WV Z SL	CC0501047L
C94	.01uF 50EV Z SL	CC0501037L
C97	.01uF 50EV Z SL	CC0501037L
C98	100pF 50WV K SL	CC0501015L
C100	.01uF 50EV Z SL	CC0501037L
C101	.001pF 50WV Z SL	CC0501027L
C104	.047uF 50WV Z SL	CC0504737L
C105	5pF 50WV J CH	CC0501004A
C107	.001pF 50WV Z SL	CC0501027L
C108	12fF 50WV J SL	CC0501204L

REF#	DESCRIPTION	PART#
C110	.01uF 50EV Z SL	CC0501037L
C113	.01uF 50EV Z SL	CC0501037L
C114	270pF 50WV K SL	CC0502715L
C115	270pF 50WV K SL	CC0502715L
C117	.047uF 50WV Z SL	CC0504737L
C118	.01uF 50EV Z SL	CC0501037L
C119	5pF 50WV J CH	CC0501004A
C120	.01uF 50EV Z SL	CC0501037L
C121	33pF 50WV J SL	CC0503304L
C122	33pF 50WV J SL	CC0503304L
C123	.01uF 50EV Z SL	CC0501037L
C124	.01uF 50EV Z SL	CC0501037L
C125	.001pF 50WV Z SL	CC0501027L
C126	.01uF 50EV Z SL	CC0501037L
C127	.01uF 50EV Z SL	CC0501037L
C129	.01uF 5EV Z SL	CC0501037L
C130	10pF 50WV J SL	CC0501004L
C131	.1uF 50WV Z SL	CC0501047L
C132	.01uF 50EV Z SL	CC0501037L
C133	47pF 50WV J UJ	CC0504704G
C134	100pF 50WV L UK	CC0501015G
C135	.001pF 50WV Z SL	CC0501027L
C136	.1uF 50WV Z SL	CC0501047L
C139	.001pF 50WV Z SL	CC0501027L
C142	.001pF 50WV Z SL	CC0501027L
C145	.001pF 50WV Z SL	CC0501027L
C148	.1uF 50WV Z SL	CC0501047L
C149	.001pF 50WV Z SL	CC0501027L
C150	.47uF 50WV Z SL	CC0504727L
C151	.47uF 50WV Z SL	CC0504727L
C152	.01uF 50EV Z SL	CC0501037L
C153	.001pF 50WV Z SL	CC0501027L
C154	100pF 50WV K SL	CC0501015L
C158	150pF 50WV K SL	CC0501515L
C159	.001pF 50WV Z SL	CC0501027L
C162	.001pF 5WV Z SL	CC0501027L
C163	47pF 50WV J SL	CC0504704L
C164	560pF 50WV K SL	CC0505615L
C165	390pF 50WV K SL	CC0503915L
C166	33pF 50WV J SL	CC0503304L
C167	150pF 50WV K SL	CC0501515L
C169	33pF 50WV J SL	CC0503304L
C172	33pF 50WV J SL	CC0503304L
C173	47pF 50WV J CH	CC0504704A
C174	100pF 50WV K SL	CC0501015L
C176	33pF 50WV J SL	CC0503304L
C177	.01uF 50EV Z SL	CC0501037L
C178	10pF 50WV J SL	CC0501004L
C179	33pF 50WV J SL	CC0503304L
C180	33pF 50WV J SL	CC0503304L
C181	100pF 50WV K SL	CC0501015L
C182	100pF 50WV K SL	CC0501015L
C183	100pF 50WV K SL	CC0501015L
C184	82pF 50WV J UJ	CC0508204G
C187	.001pF 50WV Z SL	CC0501027L
C188	100pF 50WV K SL	CC0501015L
C189	33pF 50WV J SL	CC0503304L
C190	22pF 50WV J SL	CC0502204L
C191	.001pF 50WV Z SL	CC0501027L
C192	10pF 50WV J SL	CC0501004L

8.0 MAIN BOARD (Con't)

RCI-2970

8.0 MAIN BOARD (Con't)

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	.1uF 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)

RCI-2970

8.0 MAIN BOARD (Con't)

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	10uF 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)

8-7

8.0 MAIN BOARD (Con't)

8-8

RCI-2970

8.0 MAIN BOARD (Con't)

REF#	DESCRIPTION	PART#
L46	IFT 292CN-P1125R	ECIFT12265
L47	IFT 292CN-P1125R	ECIFT12265
L48	IFT M199CC-P1501A	ECIFT12255
RELAYS		
RL	9V	EX05N40802
TRIMMER CAPACITORS		
VC1	20P	CV050200AZ
VC2	20P	CV050200AZ
VC3	30P	CV050300AZ
CERAMIC FILTERS		
FL1	CFW455HT	EFCFW455HT
FL2	SEF 10.7 MX	EFCFE107MX
FL3	CRYSTAL, 10.695 MHz	EFX8106952
X1	CRYSTAL, 10.240 MHz	EYCAB10240
X2	CRYSTAL, 10.240 MHz	EYCAB10240
X3	CRYSTAL, 10.6975 MHz	EYCAE10697
CONNECTORS		
J101	PCB CONN. SOCKET 2P L=17.8	EX07N48185
J104	PCB CONNECTOR SOCKET 3P	EX07N41216
J105	PCB CONNECTOR SOCKET 2P	EX07N41226
J107	PCB CONNECTOR SOCKET 2P	EX07N41226
J108	PCB CONNECTOR SOCKET 2P	EX07N41226
J109	PCB CONNECTOR SOCKET 3P	EX07N41216
J110	PCB CONNECTOR SOCKET 3P	EX07N41216
J112	PCB CONNECTOR SOCKET 3P	EX07N41216
J113	PCB CONNECTOR SOCKET 6P	EX07N41266
J115	PCB CONNECTOR SOCKET 3P	EX07N41216
J116	PCB CONNECTOR SOCKET 3P	EX07N41216
J117	PCB CONNECTOR SOCKET 7P	EX07N41261
J118	PCB CONNECTOR SOCKET 3P	EX07N41216
J119	PCB CONNECTOR SOCKET 6P	EX07N41266
J501	EARPHONE JACK	EX06N41045
J502	EARPHONE JACK	EX06N41045
J503	EARPHONE JACK	EX06N41045
JUMPER WIRES		
J1	7x5mmx7	WX01070705
J2	7x13mmx7	WX01070713
J3	7x13mmx7	WX01070713
J5	7x10mmx7	WX01070710
J6	7x10mmx7	WX01070710
J7	7x10mmx7	WX01070710
J8	7x6mmx7	WX01070706
J9	7x10mmx7	WX01070710
J10	7x10mmx7	WX01070710
J12	7x9mmx7	WX01070709
J13	7x5mmx7	WX01070705
J14	7x7mmx7	WX01070707
J16	7x5mmx7	WX01070705
J17	7x10mmx7	WX01070710
J18	7x13mmx7	WX01070713

8.0 MAIN BOARD (Con't)

REF#	DESCRIPTION	PART#
J14	7x7mmx7	WX01070707
J16	7x5mmx7	WX01070705
J17	7x10mmx7	WX01070710
J18	7x13mmx7	WX01070713
J19	1x4mmx7	WX01070704
J20	7x6mmx7	WX01070706
J21	7x10mmx7	WX01070710
J22	7x6mmx7	WX01070706
J23	7x6mmx7	WX01070706
J24	7x6mmx7	WX01070706
J25	7x6mmx7	WX01070706
J26	7x6mmx7	WX01070706
J27	7x10mmx7	WX01070710
J28	7x9mmx7	WX01070709
J29	7x4mmx7	WX01070704
J30	7x5mmx7	WX01070705
J31	7x7mmx7	WX01070707
J32	7x6mmx7	WX01070706
J33	7x10mmx7	WX01070710
J34	7x10mmx7	WX01070710
J36	7x9mmx7	WX01070709
J38	7x3mmx7	WX01070703
J39	7x27mmx7	WX01070727
J40	7x10mmx7	WX01070710
J41	7x5mmx7	WX01070705
J42	7x10mmx7	WX01070710
J43	7x9mmx7	WX01070709
J44	7x10mmx7	WX01070710
J45	7x10mmx7	WX01070710
J46	7x13mmx7	WX01070713
J47	7x5mmx7	WX01070705
J48	7x5mmx7	WX01070705
J49	7x10mmx7	WX01070710
J50	7x10mmx7	WX01070710
J51	7x10mmx7	WX01070710
J53	7x5mmx7	WX01070705
J54	7x6mmx7	WX01070706
J56	7x5mmx7	WX01070706
J57	7x4mmx7	WX01070704
J58	7x10mmx7	WX01070710
J59	7x5mmx7	WX01070705
J60	7x6mmx7	WX01070706
J61	7x6mmx7	WX01070706
J62	7x4mmx7	WX01070704
J63	7x8mmx7	WX01070708
J64	7x10mmx7	WX01070710
J66	7x10mmx7	WX01070710
J67	7x14mmx7	WX01070714
J68	7x6mmx7	WX01070706
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)

RCI-2970

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

RCI-2970

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

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 25WV Z Y5V, MONOLITHIC	CK2104AB7V
—	.33uF 35WV M, TANTALUM	CTY353346Z
—	1uF 16WV M, TANTALUM	CTY161056Z
C701	1uF 16WV M, TANTALUM	CTY161056Z
C702	0.33uF 35WV M, TANTALUM	CTY353346Z
C703	0.33uF 35WV M, TANTALUM	CTY353346Z
C704	0.33uF 35WV M, TANTALUM	CTY353346Z
C705	1uF 16WV M, TANTALUM	CTY161056Z
C707	0.01uF 50WV M, CERAMIC	CK1103AB6U
C710	0.01uF 50WV M, CERAMIC	CK1103AB6U
C711	0.01uF 50WV M, CERAMIC	CK1103AB6U
C712	0.01uF 50WV M, CERAMIC	CK1103AB6U
C713	0.01uF 50WV M, CERAMIC	CK1103AB6U
C716	0.01uF 50WV M, CERAMIC	CK1103AB6U
C717	0.01uF 50WV M, CERAMIC	CK1103AB6U
C720	0.01uF 50WV M, CERAMIC	CK1103AB6U
C721	0.01uF 50WV M, CERAMIC	CK1103AB6U
	I.C.'s	
IC701	HD61602R 80PIN	ENHI61602R
	VARIABLE RESISTORS	
VR701	1M (TMC4K B1M OHM)	RE10500102
	MISC.	
—	IC HD61602R	ENHI61602R
—	SEMI-FIXED RESISTOR, 1M	RE10500102
—	LCD DISPLAY	EX03N40438
—	LAMP, 5V .08A	EX01N40080
—	IC SOCKET 2P	EX07N48442
—	PCB CONN. SOCK. 14P L=21.8mm	EX07N48438

(PRE-MARCH 1995 VERSION)

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
IC604	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	BT0SS8010B
—	SHIELD CLOTH 10x88x.3t	LZZ60001Z
—	SHIELD CLOTH 90x90x.18t	LZZ60056Z
—	LCD SPONGE RUBBER 108x25x1t	XZZ90205Z
—	CLAMP	GZZ50000Z
—	BEEP SPONGE 22x1.5t	XZZ90206Z
—	FOAM 14x16x20mm	XZZ90004Z
—	PCB STOPPER	XZZ90006Z
—	INSULATING PLATE	XZZ90020Z
—	INSULATING RING	XZZ90003Z
—	ANT/MIC SOLDER PLATE	
—	16x21x.5t	XZZ90098Z
—	SPONGE 15x30x11t	XZZ90021Z
—	SODER PLATE	XZZ90002Z
—	LCD PCB SHIELD PLATE	
—	35x8x2t	XZZ90187Z
—	RCI MIC PLATE	BT6300041A
—	LAMP REFRACTOR LABEL 28x11	LZZ61278Z
—	TOP REFRACTOR LABEL 25x8	LZZ61277Z
—	LCD REFRACTOR LABEL 100x11	LZZ61276Z
B757Y	SCREW, M2.0x0.4px10 PAN HEAD	JS052010MN
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	
—	M3.0x0.5px6, FLAT HEAD	JS033006MN

8.11 MISC. PARTS (Con't)

RCI-2970

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 1/4W(U) TYPE	RCU142204Z
R901	C/F/R 1K 1/4W(P) TYPE	RCP141024Z
R902	C/F/R 1K 1/4W(M) TYPE	RCM141024A
R903	C/F/R 39K 2W(P) TYPE	RCP203904Z
R904	C/F/R 1W 1/4W(U) TYPE	RCU141094Z
R909	C/F/R 10K 1/4W(U) TYPE	RCU141034Z
R910	S/F/R 10K (S) TYPE	RE10300069
R911	C/F/R 10K 1/2W(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 COIL 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	RRCFZ10097
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