

3.5 MICROPHONE SCHEMATIC DIAGRAM, EXPLODED VIEW, AND PARTS LIST

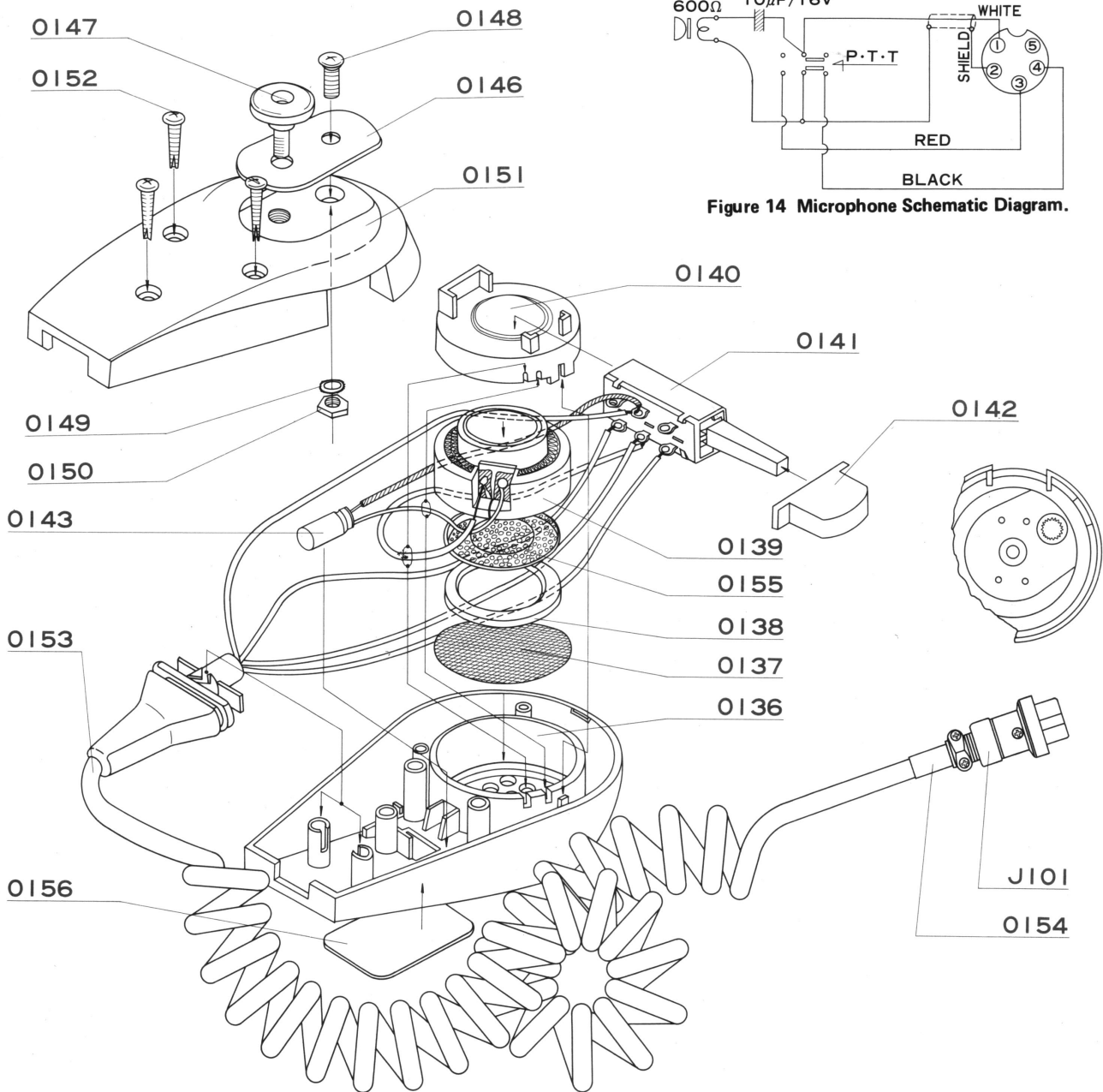


Figure 14 Microphone Schematic Diagram.

Figure 21 Microphone Exploded View.

Microphone Parts List.

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
M101	1	MP10000320	Microphone Assembly
J101	1	YP10001420	Plug, 5-Pin
0136	1	4699064010	Front Case
0137	1	4699202010	Net
0138	1	4699277010	Packing
0139	1	MS1000050	Unit
0140	1	4699053010	Unit Cover
0141	1	SP0202300	Switch
0142	1	4699270010	Push Button
0143	1	EA10601690	Capacitor, 10 μF, 16V

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
0146	1	4599155010	Hunger
0147	1	4699154010	Hunger Knob,
0148	1	5114261000	O.C.H.M. Screw, 0.26 x 10
0149	1	54052600R0	T.L. Washer OR
0150	1	53112601A0	Hexagon Nut
0151	1	4699064020	Rear Case
0152	1	51380318R0	P.H. Tapped Screw, P3 x 18ST
0153	1	4699065010	Cord
0154	1	4699152010	Cord Tube
0155	1	4699303010	Mask
0156	1	4699203010	Nameplate

3.6 SCHEMATIC DIAGRAM

NOTES

1. All the voltages shown are in volts as measured to the ground in the set-up state:
 - a. Power voltage: 13.8V
 - b. PA/CB switch: CB position.
 - c. Operation: Reception mode.
 - d. Input signal: None.
 - e. VOL control: Leftmost (min).
 - f. RF GAIN control: Rightmost (max).
 - g. SQL control: Leftmost (open).
 - h. DELTA TUNE control: Center.
 - i. NB-OFF switch: OFF position.
 - j. ANL-OFF switch: OFF position.
 - k. CH9/SCAN switch: OFF position.provided that:
 - (1) The voltages at IC301 and Q301 through Q303 are when the NB-OFF switch is at the NB position and the Regulator output voltage (at J502) is 12V.
 - (2) The voltages at I201 through I205 are when the 40CH Selector is at the CH19 position.
 - (3) The voltages at Q401 through Q406, Q408, Q409, and Q602 are in the transmission mode of operation.
 - (4) The voltages in parentheses at Q407 are in the transmission mode of operation.
 - (5) The voltages at P501 are when the Regulator output voltage (at J502) is 12V.
 - (6) The voltages in parentheses at Q318 through Q320 and I304 pin 1 are measured when held from scanning.
2. For the microphone schematic diagram, see page 16.

3-8 PACKING MATERIAL EXPLODED VIEW

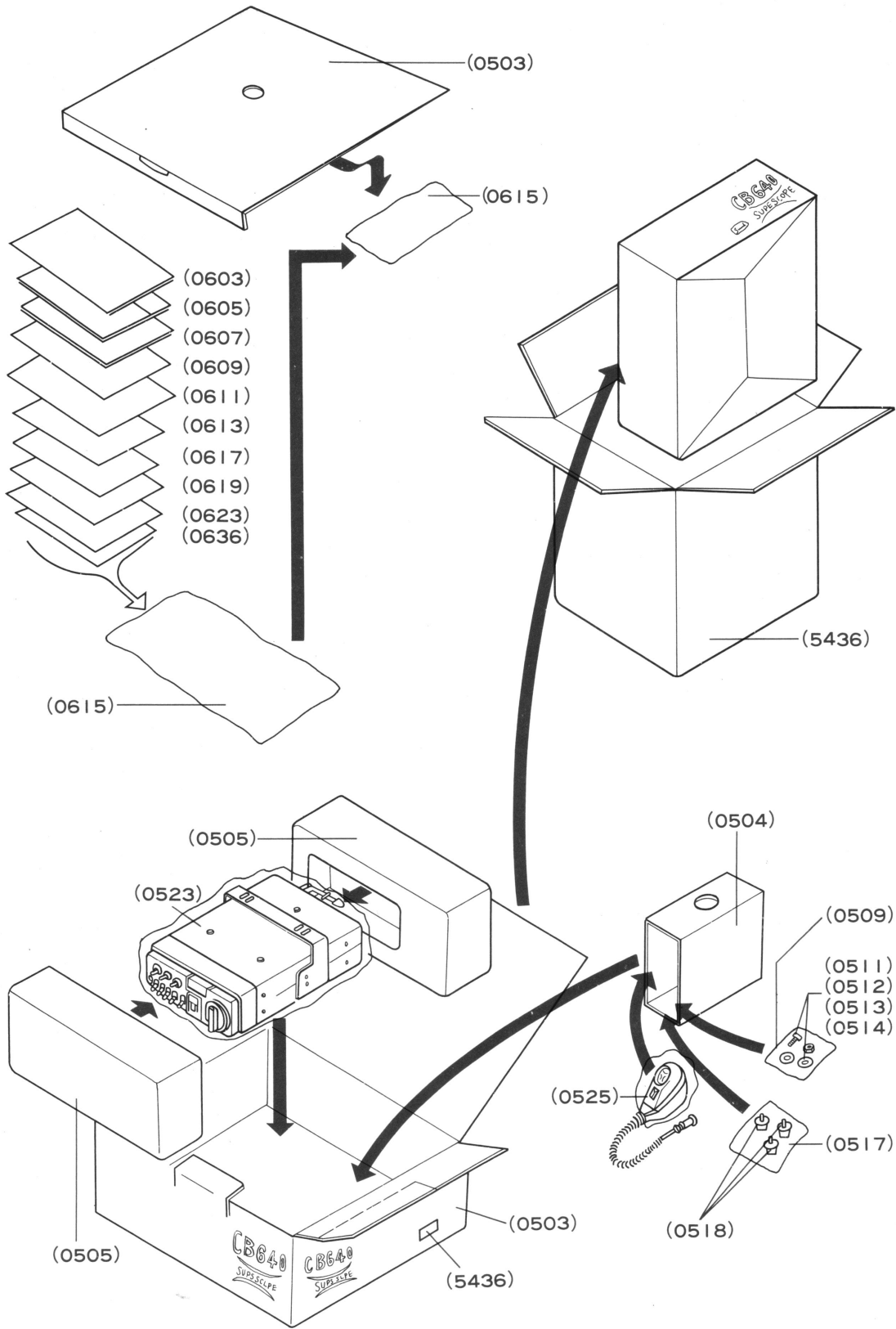


Figure 24 Packing Exploded View.

3.9 PARTS LIST

NOTE: For the microphone component parts, see page 15.

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
A	1	4656064400	Front Case Assembly
0110	1	4656064018	Case
0112	1	4656158012	Window
0113	1	4656259010	Bushing
4836	1	4656251010	Badge
4837	1	4656053022	Cover
B	1	4656257400	Lid Assembly
0209	1	4656257022	Lid
0210	3	4618259070	Bushing
0211	1	4656202010	Net
0115	4	51040306S9	CASE HARDWARE F.H.M.Screw, F3 x 6
0120	1	4656154010	KNOBS & ASSOCIATED HARDWARE Knob
0122	2	4656154020	Knob
0123	2	4656154030	Knob
0124	2	71400149Q0	Spring
0125	1	4656154040	Knob
0127	5	4656154050	Knob
0128	5	4656053010	Cover
0203	1	4656257010	LID & ASSOCIATED HARDWARE Lid
0204	3	4618259070	Bushing
0206	4	51100310S9	B.H.M. Screw, B3 x 8
0207	4	59030605P1	Fiber Washer
0213	4	51400308T0	B.H. Tapped Screw, B3 x 8ST
0214	4	1988005020	Clamper
0217	4	59030605P1	Fiber Washer
0218	4	51100306S9	B.H.M. Screw, B3 x 6
0219	1	4656155010	Hunger
0220	7	51100304S9	B.H.M. Screw, B3 x 4
0221	7	59030605P1	Fiber Washer
0223	1	4656118020	Spacer
0229	1	4656265014	INDICATOR & ASSOCIATED HARDWARE Indicator
0236	2	5506150311	T.R. Rivet
0303	1	4656105014	FRONT CHASSIS & ASSOCIATED HARDWARE Chassis
0304	2	51590304A0	B.H. Tapped Screw, B3 x 4ST
0305	1	4656160020	Bracket
0306	1	4656118010	Spacer
0308	2	51590306A0	B.H. Tapped Screw, B3 x 6ST
0310	10	51042604A0	F.H.M. Screw, F2.6 x 4
0312	1	4656259020	Bushing
0314	1	51102604A0	B.H.M. Screw, B2.6 x 4
0315	1	54012600E0	Flat Washer S
0317	1	4656118030	Spacer
0322	1	4656105026	REAR CHASSIS & ASSOCIATED HARDWARE Chassis
0324	1	4656160032	Bracket
0325	4	51100304A9	B.H.M. Screw, B3 x 4

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
0327	2	51100306A9	B.H.M. Screw, B3 x 6
1936	1	4656267013	Heatsink
0331	2	51100306A9	B.H.M. Screw, B3 x 6
0333	2	51100306A9	B.H.M. Screw, B3 x 6
0403	2	4656005010	Clamper
0404	2	51102606A0	B.H.M. Screw, B2.6 x 6
0406	7	51590306A0	B.H. Tapped Screw, B3 x 6ST
0407	7	65050300R0	T.L. Washer OR
0410	2	51400310B0	B.H. Tapped Screw, B3 x 10ST
0440	1	4656109032	Shield
0441	1	4656109042	Shield
0442	1	4656120010	Insulator
0415	1	4656109013	Shield
0416	1	4656109023	Shield
0417	2	51102604B0	B.H.M. Screw, B2.6 x 4
4336	1	4656267020	Heatsink
5136	1	51100306B9	B.H.M. Screw, B3 x 6
4337	2	51102604A0	B.H.M. Screw, B2.6 x 4
4338	3	51100306A9	B.H.M. Screw, B3 x 6
0503	1	4656801010	PACKING MATERIALS Packing Case
0504	1	4656803010	Partitioner
0505	2	4656056010	Buffer
0509	1	9010508010	Polyethylene Bag
0510	2	4656160040	Bracket
0511	4	52030420B9	Hexagon Headed Bolt
0512	4	53110403E0	Hexagon Nut
0513	4	54040402N0	Spring Washer
0514	8	54020401B0	Flat Washer
0516	4	51480405B9	Flat Washer Screw, F4 x 5
0517	1	9010508010	Polyethylene Bag
0518	3	2506057010	Leg
0519	3	51060412S9	P.H.M. Screw, P4 x 12
0520	3	54040402N0	Spring Washer
0521	3	53110403E0	Hexagon Nut
0523	1	9013340010	Polythylene Bag, Set
0525	1	9010713010	Polythylene Bag, Mic
5436	1	4656805010	Master Carton
0603	1	4656851010	PRINTED MATTER Instruction, Set
0605	1	4656856010	Circuit Diagram
0607	1	9630000170	Guarantee Card
0609	1	3906854023	Guarantee Card
0611	1	9530000010	Application, FCC
0613	1	4656851020	Instructions, FCC Rules Part 95
0615	1	9013025010	Polyethylene Bag
0617	1	4656851030	Instructions, "Important"
0619	1	4656861010	Label, ID
0623	1	4656851040	Instruction
0636	1	4656851050	Instruction, FCC 555B
J001	1	BY01090010	MISCELLANEOUS Jack, 3-Pin
J002	1	YJ10000780	Ant Jack
J003	1	62031650W0	Lug
J004	1	62031650W0	Lug
J005	1	62031650W0	Lug
E001	1	QK01001130	Speaker
Y001	1	YC01500040	Cord, Power
Y002	1	YB00200250	Cord, Speaker
Y003	1	YB00200260	Cord, Speaker
F001	1	FS10300060	Fuse, 3A
L001	1	LL22417070	Coil, Ant

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
C001	1	DD16201030	Capacitor, Ceramic, 220 pF	R128	1	GD05152140	Fixed, 1.5k Ω , 1/4W, \pm 10%
C002	1	DK16471010	Capacitor, Ceramic, 470 pF				PLL CIRCUIT BOARD-P201
C003	1	DK16471010	Capacitor, Ceramic, 470 pF	P201	1	YD46560020	P.W. Board (Print Only)
C004	1	DK16471010	Capacitor, Ceramic, 470 pF		1	ZZ46560030	P.W. Board Assembly
C005	1	DK16471010	Capacitor, Ceramic, 470 pF				
C006	1	DK16471010	Capacitor, Ceramic, 470 pF	S201	1	SR06400010	Switch, 40-Ch Selector
C007	1	DK16471010	Capacitor, Ceramic, 470 pF	X201	1	XA21627004	Crystal, 16.27 MHz
C008	1	DK16471010	Capacitor, Ceramic, 470 pF				P201-SEMICONDUCTORS
C009	1	DK16471010	Capacitor, Ceramic, 470 pF	Q201	1	HT304601B0	Transistor, 2SC460, Osc
C010	1	DK18103010	Capacitor, Ceramic, 0.01 μ F	Q202	1	HF200411C0	Transistor, Field-Effect, 2SK41, Buff-1
C011	1	DK18103010	Capacitor, Ceramic, 0.01 μ F	Q203	1	HT304601B0	Transistor, 2SC460, Buff-2
			LED CIRCUIT BOARD-P101	Q204	1	HT304601B0	Transistor, 2SC460, Mix
			SEG LED CIRCUIT BOARD-P102	Q205	1	HT304601B0	Transistor, 2SC460, Amp-1
P101	1	YD46560010	P.W. Board (Print Only)	Q206	1	HT304601B0	Transistor, 2SC460, VCO
			P.W. Board Assembly	Q207	1	HT107331Q0	Transistor, 2SA733, DC Amp-1
P102	1	YD46560020	P.W. Board (Print Only)	Q208	1	HT309451R0	Transistor, 2SC945, DC Amp-2
			P.W. Board Assembly	Q209	1	HT312131C0	Transistor, 2SC1213, DC Amp-3
J101	1	YJ10000800	Mic Jack, 5-Pin	Q210	1	HT313681B0	Transistor, 2SC1368 Reg
J151	1	YP10001130	Pin				
J152	1	YP10001130	Pin	I201	1	HC10008060	LSI μ PD861C, PLL
J153	1	YP10001130	Pin	I202	1	HC10004110	IC, SN7400, CH9 Gate
			P101-SEMICONDUCTORS	I203	1	HC10004110	IC, SN7400, CH9 Gate
D101	1	HI10006050	Diode, TLR-109	I204	1	HC10004110	IC, SN7400, CH9 Gate
D102	1	HI10006050	Diode, TLR-109	I205	1	HC10004110	IC, SN7400, CH9 Gate
D103	1	HI10006050	Diode, TLR-109	D201	1	HD40001060	Diode, 1SV50, VCO
D104	1	HI10006050	Diode, TLR-109	D202	1	HD30017090	Diode, BZ090, Reg
D105	1	HI10006050	Diode, TLR-109	D203	1	HD30042090	Diode, BZ052, Reg
D106	1	HI10006050	Diode, TLR-109				P201-COILS
D107	1	HI10006050	Diode, TLR-109	L201	1	LO10155010	Coil
D108	1	HI10006050	Diode, TLR-109	L202	1	LC14730010	Coil
D109	1	HD30023090	Diode, WZ-071	L203	1	LA10155010	Coil
D110	1	HI10001030	Diode, SL-1271	L204	1	LA10155010	Coil
D111	1	HI10001060	Diode, SL-1271				P201-RESISTORS
C101	1	DK18103010	Ceramic, 0.01 μ F	R201	1	GD05154140	Fixed, 150k Ω , 1/4W, \pm 5%
			P101-RESISTORS	R202	1	GD05222140	Fixed, 2.2k Ω , 1/4W, \pm 5%
R101	1	RD15030070	Variable, 10k Ω (A), VOL w/Sw;	R203	1	GD05101140	Fixed, 100 Ω , 1/4W, \pm 5%
			50k Ω (B), RF Gain	R204	1	GD05222140	Fixed, 2.2k Ω , 1/4W, \pm 5%
R102	1	RD02030030	Variable, 20k Ω (B), DELTA TUNE;	R205	1	GD05105140	Fixed, 1M Ω , 1/4W, \pm 5%
			50k Ω (C), SQL	R206	1	GD05473140	Fixed, 47k Ω , 1/4W, \pm 5%
R103	1	RK02020060	Variable, 2k Ω (B) CAL	R207	1	GD05123140	Fixed, 12k Ω , 1/4W, \pm 5%
R104	1	RC10470120	Fixed, 47 Ω , 1/2W, \pm 10%	R208	1	GD05680140	Fixed, 68 Ω , 1/4W, \pm 5%
R105	1	RC10473120	Fixed, 47k Ω , 1/2W, \pm 10%	R209	1	GD05470140	Fixed, 47 Ω , 1/4W, \pm 5%
R106	1	RK05030210	Variable, 50k Ω (B), CH9 HOLD	R210	1	GD05562140	Fixed, 5.6k Ω , 1/4W, \pm 5%
R107	1	GC10271180	Fixed, 560 Ω , 1/8W, \pm 10%	R211	1	GD05123140	Fixed, 12k Ω , 1/4W, \pm 5%
R108	1	GC10102180	Fixed, 1k Ω , 1/8W, \pm 10%	R212	1	GD05102140	Fixed, 1k Ω , 1/4W, \pm 5%
R109	1	GC10102180	Fixed, 1k Ω , 1/8W, \pm 10%	R213	1	GD05101140	Fixed, 100 Ω , 1/4W, \pm 5%
R110	1	GC10561180	Fixed, 560 Ω , 1/8W, \pm 10%	R214	1	GD05224140	Fixed, 220k Ω , 1/4W, \pm 5%
R111	1	GC10561180	Fixed, 560 Ω , 1/8W, \pm 10%	R215	1	GD05102140	Fixed, 1k Ω , 1/4W, \pm 5%
R112	1	GC10471180	Fixed, 470 Ω , 1/8W, \pm 10%	R216	1	GD05104140	Fixed, 100k Ω , 1/4W, \pm 5%
R113	1	GC10471180	Fixed, 470 Ω , 1/8W, \pm 10%	R217	1	GD05103140	Fixed, 10k Ω , 1/4W, \pm 5%
R114	1	GC10271180	Fixed, 270 Ω , 1/8W, \pm 10%	R218	1	GD05224140	Fixed, 220k Ω , 1/4W, \pm 5%
R115	1	GC10152180	Fixed, 1.5k Ω , 1/8W, \pm 10%	R219	1	GD05152140	Fixed, 1.5k Ω , 1/4W, \pm 5%
R116	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R220	1	GD05101140	Fixed, 100 Ω , 1/4W, \pm 5%
R117	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R221	1	RC00000120	Jumping Wire, 0 Ω , 1/2W
R118	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R222	1	GD05561140	Fixed, 560 Ω , 1/4W, \pm 5%
R119	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R223	1	GD05392140	Fixed, 3.9k Ω , 1/4W, \pm 5%
R120	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R224	1	GD05105140	Fixed, 1M Ω , 1/4W, \pm 5%
R121	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R225	1	BW20751020	Resistor Composite
R122	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R226	1	GD05680140	Fixed, 68 Ω , 1/4W, \pm 5%
R123	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R227	1	GD05561140	Fixed, 560 Ω , 1/4W, \pm 5%
R124	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R231	1	GD05056140	Fixed, 5.5 Ω , 1/4W, \pm 5%
R125	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R232	1	GD05151140	Fixed, 150 Ω , 1/4W, \pm 5%
R126	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%	R233	1	GJ05101010	Fixed, 100 Ω , 1W, \pm 5%
R127	1	GC10222180	Fixed, 2.2k Ω , 1/8W, \pm 10%				

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
R241	1	RA04730020	Semi-Fixed, 47k Ω
R242	1	RA04720040	Semi-Fixed, 4.7k Ω
R243	1	GD05821140	Fixed, 820 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R244	1	GD05123140	Fixed, 12k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R245	1	GD05101140	Fixed, 100 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R246	1	GD05472140	Fixed, 4.7k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R247	1	GD05682140	Fixed, 6.8k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R251	1	RA02230030	Semi-Fixed, 22k Ω
R252	1	GD05153140	Fixed, 15k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R254	1	RA01020150	Semi-fixed, 1k Ω
P201-CAPACITORS			
C201	1	DD15400040	Ceramic, 40 pF
C202	1	CT12000010	Ceramic, 20 pF
C203	1	DD16201030	Ceramic, 200 pF
C204	1	DD15820010	Ceramic, 82 pF
C205	1	DK18103010	Ceramic, 0.01 μ F
C206	1	DD10015010	Ceramic, 1.5 pF
C207	1	DD15400040	Ceramic, 40 pF
C208	1	DK18103010	Ceramic, 0.01 μ F
C209	1	DD12100060	Ceramic, 10 pF
C210	1	DD10050020	Ceramic, 5 pF
C211	1	EV68402560	Electrolytic 0.68 μ F, 25V
C212	1	DK18103010	Ceramic, 0.01 μ F
C213	1	DD16240010	Ceramic, 24 pF
C214	1	DK18103010	Ceramic, 0.01 μ F
C215	1	DK18103010	Ceramic, 0.01 μ F
C216	1	DD15301010	Ceramic, 300 pF
C217	1	DK18102030	Ceramic, 0.001 μ F
C218	1	DK18103010	Ceramic, 0.01 μ F
C219	1	DK18103010	Ceramic, 0.01 μ F
C220	1	DK18103010	Ceramic, 0.01 μ F
C221	1	DD15600010	Ceramic, 60 pF
C222	1	DD15300020	Ceramic, 30 pF
C223	1	DD15150010	Ceramic, 15 pF
C224	1	DD15820010	Ceramic, 82 pF
C225	1	DD16200040	Ceramic, 20 pF
C226	1	DK18103010	Ceramic, 0.01 μ F
C227	1	DK18103010	Ceramic, 0.01 μ F
C228	1	EV33501060	Electrolytic, 3.3 μ F, 10V
C229	1	DK18103010	Ceramic, 0.01 μ F
C230	1	DK18103010	Ceramic, 0.01 μ F
C231	1	DK18103010	Ceramic, 0.01 μ F
C232	1	DK18103010	Ceramic, 0.01 μ F
C233	1	DK18103010	Ceramic, 0.01 μ F
C234	1	DK18103010	Ceramic, 0.01 μ F
C235	1	DK18103010	Ceramic, 0.01 μ F
C236	1	DK18103010	Ceramic, 0.01 μ F
C237	1	DK18103010	Ceramic, 0.01 μ F
C238	1	DD12100060	Ceramic, 10 pF
C239	1	DD15400030	Ceramic, 40 pF
C241	1	EA22701690	Electrolytic, 220 μ F, 16V
C242	1	EA33701090	Electrolytic, 330 μ F, 10V
C243	1	EA47700690	Electrolytic, 470 μ F, 6.3V
C246	1	DK18103010	Ceramic, 0.01 μ F
C247	1	DK18103010	Ceramic, 0.01 μ F
P201-PINS			
J201 { J203	3	YP1000113	Pin
J206 { J222	17	YP1000113	Pin

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
MAIN CIRCUIT BOARD-P301			
P301	1	YD46560040	P.W. Board (Print Only)
	1	ZZ46560040	P.W. Board Assembly
X301	1	XX21024004	Crystal, 10.24 MHz, 2nd Local Osc
F301	1	FG455304H0	Filter, 455 kHz
F302	1	FG455304H0	Filter, 455 kHz
T301	1	TI12407040	Input Transformer, AF
T302	1	TO13511010	Output Transformer, AF
T303	1	LC26550010	Choke Transformer
P301-SEMICONDUCTORS			
Q301	1	HT308291B0	Transistor, 2SC829, NB Amp-1
Q302	1	HT107331Q0	Transistor, 2SA733, NB Amp-2
Q303	1	HT309451R0	Transistor, 2SC945, NB Sw
Q304	1	HH00007030	Thermistor
Q305	1	HT305351B0	Transistor, 2SC535, RF Amp
Q306	1	HT308291B0	Transistor, 2SC829, 1st Mix
Q307	1	HT308291B0	Transistor, 2SC829, 2nd Mix
Q308	1	HT308291B0	Transistor, 2SC829, IF Amp-1
Q309	1	HT308291B0	Transistor, 2SC829, IF Amp-2
Q310	1	HT309451R0	Transistor, 2SC945, Sql Amp-1
Q311	1	HT107331Q0	Transistor, 2SA733, Sql Amp-1
Q312	1	HT309002A0	Transistor, 2SC930, AF Pre-Amp
Q313	1	HT312131C0	Transistor, 2SC1273, AF Drive
Q314	1	HT403132A0	Transistor, 2SD313, AF Power Amp
Q315	1	HT403132A0	Transistor, 2SD313, AF Power Amp
Q316	1	HT304601B0	Transistor, 2SC460B, 2nd Local Osc
Q317	1	HT312131C0	Transistor, 2SC1273, RX +B Sw
Q318	1	HT107331Q0	Transistor, 2SA733, DC Amp
Q319	1	HT308291B0	Transistor, 2SC829, DC Amp
Q320	1	HT312131C0	Transistor, 2SC1213, DC Amp
Q321	1	HT308291B0	Transistor, 2SC829, RF Gain Control
I301	1	HC10002050	IC, TA7061AP, NB RF Amp
I302	1	HC10004110	IC, SN7400, CH9 Scan
I303	1	HC10004110	IC, SN7400, CH9 Scan
I304	1	HC10004110	IC, SN7400, CH9 Scan
D301	1	HD10001010	Diode, 1N34A
D302	1	HD20011050	Diode, 1S1555
D303	1	HD10001010	Diode, 1N34A
D304	1	HD10001010	Diode, 1N34A
D305	1	HD20011050	Diode, 1S1555
D306	1	HD10001010	Diode, 1N34A
D307	1	HD20001050	Diode, 1S1555
D311	1	HD10001010	Diode, 1N34A
D312	1	HD20011050	Diode, 1S1555
D313	1	HD10001010	Diode, 1N34A
D314	1	HV00001060	Diode, 1S7209
D315	1	HD30017090	Diode, BZ090
D316	1	HD20001100	Diode, 10D-1
D318	1	HD10001010	Diode, 1N34A
D319	1	HD10001010	Diode, 1N34A
D320	1	HD40001060	Diode, 1SV50
D321	1	HD20011050	Diode, 1S1555
D322	1	HD30019090	Diode, BZ071
D323	1	HD20001100	Diode, 10D-1
D324	1	HD20011050	Diode, 1S1555
D325	1	HD10001010	Diode, 1N34A
D326	1	HD10001010	Diode, 1N34A
D327	1	HD10001010	Diode, 1N34A
D328	1	HD10001010	Diode, 1N34A
D329	1	HD20011050	Diode, 1S1555
D330	1	HD10001010	Diode, 1N34A

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
D331	1	HD20001100	Diode, 1D-1	R352	1	GD05224140	Fixed, 220k Ω , $\frac{1}{4}$ W, $\pm 5\%$
D332	1	HD30042090	Diode, BZ-052	R353	1	GD05473140	Fixed, 47k Ω , $\frac{1}{4}$ W, $\pm 5\%$
D333	1	HD30017090	Diode, BZ-090	R354	1	GD05103140	Fixed, 10k Ω , $\frac{1}{4}$ W, $\pm 5\%$
			P301-COILS & TRANSFORMERS	R355	1	GD05221140	Fixed, 220 Ω , $\frac{1}{4}$ W, $\pm 5\%$
L301	1	LA10155020	Ant Coil	R356	1	GD05151140	Fixed, 150 Ω , $\frac{1}{4}$ W, $\pm 5\%$
L302	1	LA10155070	Ant Coil	R357	1	GD05182140	Fixed, 1.8k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L303	1	LA10155030	Ant Coil	R358	1	GD05223140	Fixed, 22k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L304	1	LA10155040	Ant Coil	R359	1	GD05472140	Fixed, 4.7k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L305	1	LI10155010	IF Transformer	R360	1	GD05682140	Fixed, 6.8k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L306	1	LI10155010	IF Transformer	R361	1	GD05393140	Fixed, 39k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L307	1	LI10155020	IF Transformer	R362	1	GD05474140	Fixed, 470k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L308	1	LI10015030	IF Transformer	R363	1	GD05562140	Fixed, 5.6k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L309	1	LI10015040	IF Transformer	R364	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L310	1	LI10015050	IF Transformer	R365	1	GD05222140	Fixed, 2.2k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L311	1	LC13320040	Choke Coil, 3.3 μ H	R366	1	GD05153140	Fixed, 15k Ω , $\frac{1}{4}$ W, $\pm 5\%$
L312	1	LC11030020	Choke Coil, 10 μ H	R367	1	GD05123140	Fixed, 12k Ω , $\frac{1}{4}$ W, $\pm 5\%$
			P301-RESISTORS	R368	1	GD05562140	Fixed, 5.6k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R301	1	GD05471140	Fixed, 470 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R369	1	GD05101140	Fixed, 100 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R302	1	GD05103140	Fixed, 10k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R370	1	GD05681140	Fixed, 680 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R303	1	GD05393140	Fixed, 39k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R371	1	GD05560140	Fixed, 56 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R304	1	GD04121140	Fixed, 120 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R372	1	GJ05101010	Fixed, 100 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R305	1	GD05105140	Fixed, 1M Ω , $\frac{1}{4}$ W, $\pm 5\%$	R373	1	GD05122140	Fixed, 1.2k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R306	1	GD05823140	Fixed, 82k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R374	1	GD05152140	Fixed, 1.5k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R307	1	GD05104140	Fixed, 100k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R375	1	GJ05100020	Fixed, 10 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R308	1	GD05104140	Fixed, 100k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R376	1	GK05472010	Fixed, 47 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R309	1	GD05104140	Fixed, 100k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R377	1	RC00000120	Jumping Wire
R310	1	GD05393140	Fixed, 39k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R378	1	GK05472140	Fixed, 4.7k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R311	1	GD05223140	Fixed, 22k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R379	1	GD05101140	Fixed, 100 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R312	1	GD05104140	Fixed, 100k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R380	1	GD05222140	Fixed, 2.2k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R313	1	GD05682140	Fixed, 68k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R381	1	RA04730020	Variable, Semi-fixed, 47k Ω
R317	1	GD05101140	Fixed, 100 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R382	1	GA05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R318	1	RC00000120	Jumping Wire, 0 Ω , $\frac{1}{4}$ W	R383	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R319	1	GD05823140	Fixed, 82k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R384	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R320	1	GD05183140	Fixed, 18k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R385	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R321	1	GD05332140	Fixed, 3.3k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R386	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R322	1	GD05222140	Fixed, 2.2k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R387	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R323	1	GD05471140	Fixed, 470 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R388	1	GD05391140	Fixed, 390 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R324	1	GD05103140	Fixed, 10k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R389	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R325	1	GD05151140	Fixed, 150 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R390	1	GD05392140	Fixed, 39k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R326	1	GD05682140	Fixed, 68k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R391	1	GD05101140	Fixed, 100 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R327	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R392	1	RC00000120	Jumping Wire, 0 Ω , $\frac{1}{4}$ W
R328	1	GD05151140	Fixed, 150 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R393	1	GD05333140	Fixed, 33k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R329	1	RC00000120	Jumping Wire, 0 Ω , $\frac{1}{4}$ W	R394	1	GD05333140	Fixed, 33k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R330	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R395	1	RA01030270	Semi-Fixed, 10k Ω
R331	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R396	1	GD05121140	Fixed, 120 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R332	1	GD05222140	Fixed, 2.2k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R397	1	GD05222140	Fixed, 2.2k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R333	1	RC00000120	Jumping Wire, 0 Ω , $\frac{1}{4}$ W	R398	1	GD05471140	Fixed, 470 Ω , $\frac{1}{4}$ W, $\pm 5\%$
R334	1	GD05151140	Fixed, 150 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R399	1	GD05103140	Fixed, 10k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R335	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R701	1	GD05682140	Fixed, 6.8k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R336	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R702	1	GD05393140	Fixed, 39k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R337	1	GD05392140	Fixed, 3.9k Ω , $\frac{1}{4}$ W, $\pm 5\%$	R703	1	GD05473140	Fixed, 47k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R338	1	GD05680140	Fixed, 68 Ω , $\frac{1}{4}$ W, $\pm 5\%$	R704	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R339	1	GD05471140	Fixed, 470 Ω , $\frac{1}{4}$ W, $\pm 5\%$				P301-CAPACITORS
R340	1	GD05823140	Fixed, 82k Ω , $\frac{1}{4}$ W, $\pm 5\%$	C301	1	DK17502010	Ceramic, 0.005 μ F
R341	1	GD05151140	Fixed, 150 Ω , $\frac{1}{4}$ W, $\pm 5\%$	C302	1	DK17502010	Ceramic, 0.005 μ F
R342	1	GD05392140	Fixed, 3.9k Ω , $\frac{1}{4}$ W, $\pm 5\%$	C303	1	DK17502010	Ceramic, 0.005 μ F
R343	1	GD05153140	Fixed, 15k Ω , $\frac{1}{4}$ W, $\pm 5\%$	C304	1	DK17502010	Ceramic, 0.005 μ F
R344	1	GD05331140	Fixed, 330 Ω , $\frac{1}{4}$ W, $\pm 5\%$	C305	1	DK17203010	Ceramic, 0.02 μ F
R345	1	GD05331140	Fixed, 330 Ω , $\frac{1}{4}$ W, $\pm 5\%$	C306	1	EA22601690	Electrolytic, 22 μ F, 16V
R346	1	GD05682140	Fixed, 6.8k Ω , $\frac{1}{4}$ W, $\pm 5\%$	C307	1	DF17102010	Film, 0.001 μ F
R347	1	RA04730020	Semi-Fixed, 47k Ω	C308	1	DF17502010	Film, 0.005 μ F
R349	1	GD05333140	Fixed, 33k Ω , $\frac{1}{4}$ W, $\pm 5\%$	C310	1	DF16222010	Film, 0.0022 μ F
R351	1	RA04730020	Semi-Fixed, 47k Ω	C311	1	EV10403560	Electrolytic, 0.1 μ F, 35V

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
C312	1	DK17202010	Ceramic, 0.002 μF
C313	1	DD16101010	Ceramic, 100 pF
C314	1	DD16101010	Ceramic, 100 pF
C315	1	DF17102010	Film, 0.001 μF
C316	1	DK17502010	Ceramic, 0.005 μF
C317	1	DK17103040	Ceramic, 0.01 μF
C321	1	DK18103010	Ceramic, 0.01 μF
C322	1	DK17502010	Ceramic, 0.005 μF
C323	1	DD10005010	Ceramic, 0.5 pF
C324	1	DK18103010	Ceramic, 0.01 μF
C325	1	DK18103010	Ceramic, 0.01 μF
C326	1	DK18103010	Ceramic, 0.01 μF
C327	1	DD11050010	Ceramic, 5 pF
C328	1	DK18103010	Ceramic, 0.01 μF
C329	1	DK18103010	Ceramic, 0.01 μF
C330	1	DD10005010	Ceramic, 0.5 pF
C331	1	DK17502010	Ceramic, 0.005 μF
C332	1	DD12100060	Ceramic, 10 pF
C333	1	DK18103010	Ceramic, 0.01 μF
C334	1	DD10005010	Ceramic, 0.5 pF
C335	1	DK16501500	Ceramic, 500 pF
C336	1	DK18103010	Ceramic, 0.01 μF
C337	1	DF17103010	Film, 0.01 μF
C338	1	DK18103010	Ceramic, 0.01 μF
C339	1	DF17683010	Film, 0.068 μF
C340	1	DF17103010	Film, 0.01 μF
C341	1	DF17103010	Film, 0.01 μF
C342	1	DF17104010	Film, 0.1 μF
C343	1	DF17103010	Film, 0.01 μF
C345	1	EA22601690	Electrolytic, 22 μF, 16V
C346	1	DK18103010	Ceramic, 0.01 μF
C348	1	EA47503590	Ceramic, 4.7 μF, 35V
C351	1	DK18103010	Ceramic, 0.01 μF
C352	1	DK18103010	Ceramic, 0.01 μF
C353	1	DK18103010	Ceramic, 0.01 μF
C354	1	DD16680010	Ceramic, 68 pF
C355	1	DD16201010	Ceramic, 200 pF
C356	1	DK18103010	Ceramic, 0.01 μF
C357	1	EA10601690	Electrolytic, 10 μF, 16V
C358	1	DF17222010	Film, 0.0022 μF
C359	1	EA47503590	Electrolytic, 4.7 μF, 35V
C360	1	DF17102010	Film, 0.001 μF
C361	1	EA47601650	Electrolytic, 47 μF, 10V
C362	1	EA47503590	Electrolytic, 4.7 μF, 35V
C363	1	EA10601690	Electrolytic, 10 μF, 16V
C364	1	DF17102010	Film, 0.001 μF
C365	1	EA47601690	Electrolytic, 47 μF, 16V
C366	1	DF17223010	Film, 0.022 μF
C367	1	DF17223010	Film, 0.022 μF
C368	1	EA10802590	Electrolytic, 1000 μF, 25V
C369	1	EA47601690	Electrolytic, 47 μF, 16V
C370	1	EA47601690	Electrolytic, 47 μF, 16V
C371	1	DD16201010	Ceramic, 200 pF
C374	1	DD15300010	Ceramic, 30 pF
C375	1	CT11000010	Trimmer, 10 pF
C376	1	EA10802590	Electrolytic, 1000 μF
C377	1	EA22701690	Electrolytic, 220 μF, 16V
C378	1	EA47601690	Electrolytic, 47 μF, 16V
C379	1	EA47601690	Electrolytic, 47 μF, 16V
C381	1	DF17153010	Film, 0.015 μF
C382	1	EV68403560	Electrolytic, 0.68 μF, 35V
C383	1	EA10701690	Electrolytic, 100 μF, 16V
C384	1	EA33700690	Electrolytic, 330 μF, 16V

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
C385	1	EV10403560	Electrolytic, 0.1 μF, 35V
C386	1	DK18103010	Ceramic, 0.01 μF
C387	1	EA33701690	Electrolytic, 330 μF, 16V
C388	1	DK18103010	Ceramic, 0.01 μF
C389	1	DK18103010	Ceramic, 0.01 μF
C390	1	EA22601690	Electrolytic, 22 μF, 16V
C391	1	DK18103010	Ceramic, 0.01 μF
X401	1	XA20978504	Crystal, 9.785 MHz, TX Offset
P301-SEMICONDUCTORS			
Q401	1	HT304601B0	Transistor, 2SC460, Offset Osc
Q402	1	HF200411C0	Transistor, Field-Effect 2SK41, TX-Mix
Q403	1	HT304601B0	Transistor, 2SC460, Buff Amp
Q404	1	HT30387100	Transistor, 2SC1951, Pre-Amp
Q405	1	HT31957100	Transistor, 2SC1909, Drive
Q406	1	HT31909100	Transistor, 2SC1909, Final
Q407	1	HT106731B0	Transistor, 2SCA673, TX +B Sw
Q408	1	HT308291B0	Transistor, 2SC829, TX Muting
Q409	1	HT107331Q0	Transistor, 2SA733, TX Muting
D401	1	HD30017090	Diode, BZ090
P301-COILS & TRANSFORMERS			
L401	1	LC13940010	Choke Coil, 390 μH
L402	1	LA10155100	Ant Coil
L403	1	LA10155050	Ant Coil
L404	1	LA10155050	Ant Coil
L405	1	LA10155050	Ant Coil
L406	1	LA10395010	Ant Coil
L407	1	LA10395020	Ant Coil
L408	1	LC13020040	Choke Coil
L409	1	LA10395030	Ant Coil
L410	1	LA10395010	Ant Coil
L412	1	LC11220020	Choke Coil, 1.2 μH
P301-RESISTORS			
R401	1	GD05683140	Fixed, 68kΩ, ¼W, ±5%
R402	1	GD05470140	Fixed, 47Ω, ¼W, ±5%
R403	1	GD05221140	Fixed, 220Ω, ¼W, ±5%
R404	1	GD05681140	Fixed, 680Ω, ¼W, ±5%
R405	1	GD05473140	Fixed, 47kΩ, ¼W, ±5%
R406	1	GD05102140	Fixed, 1kΩ, ¼W, ±5%
R407	1	GD05153140	Fixed, 15kΩ, ¼W, ±5%
R408	1	GD05473140	Fixed, 47kΩ, ¼W, ±5%
R409	1	GD05152140	Fixed, 1.5kΩ, ¼W, ±5%
R410	1	GD05153140	Fixed, 15kΩ, ¼W, ±5%
R411	1	GD05332140	Fixed, 3.3kΩ, ¼W, ±5%
R412	1	GD05223140	Fixed, 22kΩ, ¼W, ±5%
R413	1	GD05560140	Fixed, 56Ω, ¼W, ±5%
R414	1	GD05331140	Fixed, 330Ω, ¼W, ±5%
R415	1	GD05470140	Fixed, 47Ω, ¼W, ±5%
R417	1	GD05151140	Fixed, 150Ω, ¼W, ±5%
R418	1	RC00000120	Jumping Wire, 150Ω, ½W
R419	1	RC00000120	Jumping Wire, 0Ω, ½W
R421	1	GD05102140	Fixed, 1kΩ, ¼W, ±5%
R422	1	GD05152140	Fixed, 1.5kΩ, ¼W, ±5%
R423	1	RC00000120	Jumping Wire, 0Ω, ½W
R432	1	GD05394140	Fixed, 390kΩ, ¼W, ±5%
R433	1	GD05333140	Fixed, 33kΩ, ¼W, ±5%
P301-CAPACITORS			
C401	1	DD15200010	Ceramic, 20 pF
C402	1	DD16501010	Ceramic, 500 pF
C403	1	DD16201010	Ceramic, 200 pF

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
C404	1	DK18103010	Ceramic, 0.01 μ F
C405	1	DD15500050	Ceramic, 50 pF
C406	1	DD15500050	Ceramic, 50 pF
C407	1	DK18103010	Ceramic, 0.01 μ F
C408	1	DK18103010	Ceramic, 0.10 μ F
C409	1	DD10030010	Ceramic, 3 pF
C410	1	DD10020010	Ceramic, 2 pF
C411	1	DD10020010	Ceramic, 2 pF
C412	1	DD16150030	Ceramic, 15 pF
C413	1	DD15200010	Ceramic, 20 pF
C414	1	DK18103010	Ceramic, 0.01 μ F
C415	1	DK18103010	Ceramic, 0.01 μ F
C416	1	DD16820010	Ceramic, 82 pF
C417	1	DK18503010	Ceramic, 0.05 μ F
C418	1	CT12000010	Trimmer 20 pF
C419	1	DD15301020	Ceramic, 300 pF
C420	1	DK18503010	Ceramic, 0.05 μ F
C421	1	DD15101020	Ceramic, 100 pF
C422	1	DD15101020	Ceramic, 100 pF
C423	1	DD15400030	Ceramic, 40 pF
C424	1	DD15300020	Ceramic, 30 pF
C425	1	DF36271010	Ceramic, 270 pF
C426	1	DD15301010	Ceramic, 300 pF
C427	1	DK17502010	Ceramic, 0.005 μ F
C428	1	DD16150030	Ceramic, 15 pF
C429	1	DK18103010	Ceramic, 0.01 μ F
C430	1	DK18103010	Ceramic, 0.01 μ F
C432	1	DD15101020	Ceramic, 100 pF
C436	1	EV47503560	Electrolytic, 4.7 μ F, 35V
C437	1	EA33601690	Electrolytic, 33 μ F, 16V
C456	1	DK18103010	Ceramic, 0.01 μ F
C457	1	DK18103010	Ceramic, 0.01 μ F
C458	1	DK18103010	Ceramic, 0.01 μ F
C459			
C462	1	DK18503010	Ceramic, 0.05 μ F
J301			
J325	25	YP10001130	Pin
J331			
J343	13	YP10001130	Pin
J345			
J347	3	YP10001130	Pin
P302	1	YD46560050	SWR CIRCUIT BOARD-P302 P.W. Board (Print Only)
D411	1	HD10001010	Diode, 1N34A
D412	1	HD10001010	Diode, 1N34A
R441	1	RA05010010	Resistor, Semi-Fixed, 500 Ω
R442	1	GD05111140	Resistor, Fixed, 110 Ω , $\frac{1}{4}$ W, \pm 5%
C471	1	DK18103010	Capacitor, Ceramic, 0.01 μ F
C472	1	DK18103010	Capacitor, Ceramic, 0.01 μ F
J471	1	YP10001130	Pin
J472	1	YP10001130	Pin
P501	1	YD46560060	REGULATOR CIRCUIT BOARD-P501 P.W. Board (Print Only)
	1	ZZ46560060	P.W. Board Assembly

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
Q501	1	HT309451R0	Transistor, 2SC945, Reg
Q502	1	HT106731B0	Transistor, 2SA673, Reg
Q503	1	HT70011100	Transistor, JSP6009, Reg
D501	1	HD30042090	Diode, BZ-052
R501	1	RA01020070	Resistor, Semi-Fixed, 1k Ω
R502	1	GD05121140	Resistor, 120 Ω , $\frac{1}{4}$ W, \pm 5%
R503	1	GU05151120	Resistor, 150 Ω , $\frac{1}{4}$ W, \pm 5%
R504	1	GD05223140	Resistor, 22k Ω , $\frac{1}{4}$ W, \pm 5%
C501	1	DK18103010	Capacitor, Film, 0.1 μ F
C502	1	EV10403560	Capacitor, Film, 0.1 μ F
C503	1	DK18103010	Capacitor, Ceramic, 0.01 μ F
C504	1	DK18103010	Capacitor, Ceramic, 0.01 μ F
C505	1	DK18403020	Capacitor, Ceramic, 0.04 μ F
J501			
J503	3	Pin	
L501	1	LC12520040	Coil
L502	1	LC12520040	Coil
J401			
J407	7	YP10001130	Pin
J409			
J430	22	YP10001130	Pin
P601	1	YD46560070	MIC/ALC AMP CIRCUIT BOARD-P601 P.W. Board (Print Only)
	1	ZZ46560070	P.W. Board Assembly
Q601	1	HT309451R0	Transistor, 2SC945, Mic Clamp
Q602	1	HT305351B0	Transistor, 2SC535, Mic Clamp Drive
Q603	1	HT309002A0	Transistor, 2SC900, Mic Amp
Q604	1	HT309451R0	Transistor, 2SC945, ALC Amp
Q605	1	HT309451R0	Transistor, 2SC945, Limiter Amp
D601	1	HD20011050	Diode, 1S1555
D602	1	HD20011050	Diode, 1S1555
D603	1	HD20011050	Diode, 1S1555
D604	1	HD20011050	Diode, 1S1555
D605	1	HD20011050	Diode, 1S1555
D606	1	HD20011050	Diode, 1S1555
R601	1	GD05391140	Fixed, 390 Ω , $\frac{1}{4}$ W, \pm 5%
R602	1	GD05271140	Fixed, 270 Ω , $\frac{1}{4}$ W, \pm 5%
R603	1	GD05223140	Fixed, 22k Ω , $\frac{1}{4}$ W, \pm 5%
R604	1	GD05562140	Fixed, 5.6k Ω , $\frac{1}{4}$ W, \pm 5%
R605	1	GD05471140	Fixed, 470 Ω , $\frac{1}{4}$ W, \pm 5%
R606	1	GD05223140	Fixed, 22k Ω , $\frac{1}{4}$ W, \pm 5%
R607	1	GD05472140	Fixed, 4.7k Ω , $\frac{1}{4}$ W, \pm 5%
R608	1	GD05272140	Fixed, 2.7k Ω , $\frac{1}{4}$ W, \pm 5%
R609	1	GD05152140	Fixed, 1.5k Ω , $\frac{1}{4}$ W, \pm 5%
R610	1	GD05153140	Fixed, 15k Ω , $\frac{1}{4}$ W, \pm 5%
R611	1	GD05473140	Fixed, 47k Ω , $\frac{1}{4}$ W, \pm 5%
R612	1	GD05332140	Fixed, 3.3k Ω , $\frac{1}{4}$ W, \pm 5%
R613	1	RA04730020	Semi-Fixed, 47k Ω , $\frac{1}{4}$ W, \pm 5%
R614	1	GD05153140	Fixed, 15k Ω , $\frac{1}{4}$ W, \pm 5%
R615	1	GD05473140	Fixed, 47k Ω , $\frac{1}{4}$ W, \pm 5%
R616	1	GD05152140	Fixed, 1.5k Ω , $\frac{1}{4}$ W, \pm 5%

REF. DESIG.	Q'TY	PART NO.	DESCRIPTION
R617	1	GD05103140	Fixed, 10k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R618	1	RA04730020	Semi-Fixed, 47k Ω ,
R619	1	GD05103140	Fixed, 10k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R620	1	GD05222140	Fixed, 2.2k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R621	1	GD05332140	Fixed, 3.3k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R622	1	GD05472140	Fixed, 4.7k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R623	1	GD05392140	Fixed, 3.9k Ω , $\frac{1}{4}$ W, $\pm 5\%$
R624	1	GD05102140	Fixed, 1k Ω , $\frac{1}{4}$ W, $\pm 5\%$
C601	1	DK17502010	Ceramic, 0.005 μ F
C602	1	DK17502010	Ceramic, 0.005 μ F
C603	1	EA10601690	Electrolytic, 10 μ F
C604	1	DK18103010	Ceramic, 0.01 μ F
C605	1	DK17103040	Ceramic, 0.01 μ F
C606	1	EV10503560	Electrolytic, 1 μ F, 35V
C607	1	DK16471010	Ceramic, 470 pF
C608	1	DK17502010	Ceramic, 0.005 μ F
C609	1	EA47601090	Electrolytic, 47 μ F, 10V
C610	1	EV33601060	Electrolytic, 33 μ F, 10V
C611	1	EV10403560	Electrolytic, 0.1 μ F, 35V
C612	1	EV10503560	Electrolytic, 1 μ F, 35V
C613	1	EV10403560	Electrolytic, 0.1 μ F, 35V
C614	1	DF17222010	Film, 0.0022 μ F
C615	1	EV10403560	Electrolytic, 0.1 μ F, 35V
C616	1	EA47503590	Electrolytic, 4.7 μ F, 35V
C617	1	EA47503590	Electrolytic, 4.7 μ F, 35V
C618	1	EA47503590	Electrolytic, 47 μ F, 35V
C619	1	EA33601090	Electrolytic, 33 μ F, 10V
C620	1	DK18103010	Ceramic, 0.01 μ F
C621	1	DK18103010	Ceramic, 0.01 μ F
C622	1	EA10601690	Electrolytic, 10 μ F, 16V
			P601-PINS
J601 ? J608	8	YP10001130	Pin
			SWITCH CIRCUIT BOARD-P801
P801	1	YD46560080	P.W. Board (Print Only)
		ZZ46560080	P.W. Board Assembly
S101	1	SC02020240	Lever Switch
S102	1	SC02020240	Lever Switch
S103	1	SC04030010	Lever Switch
S104	1	SC02030050	Lever Switch
S104	1	SC02030050	Lever Switch
C101	1	DK18103010	Capacitor, Ceramic, 0.01 μ F
R107	1	GC10271180	Resistor, 560 Ω
1936	1	4656267013	Heatsink
1937	1	4656109032	Shield
1938	2	51100306A9	B.H.M. Screw B3x6
2036	2	51102604B0	B.H.M. Screw B2.6x4
3937	1	1455259010	Bushing
4536	1	4656109042	Shield
4537	1	4656120010	Insulator
4936	1	4656067010	Cap
5036	1	4656256020	Buffer
5437	2	4656269010	Protector

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