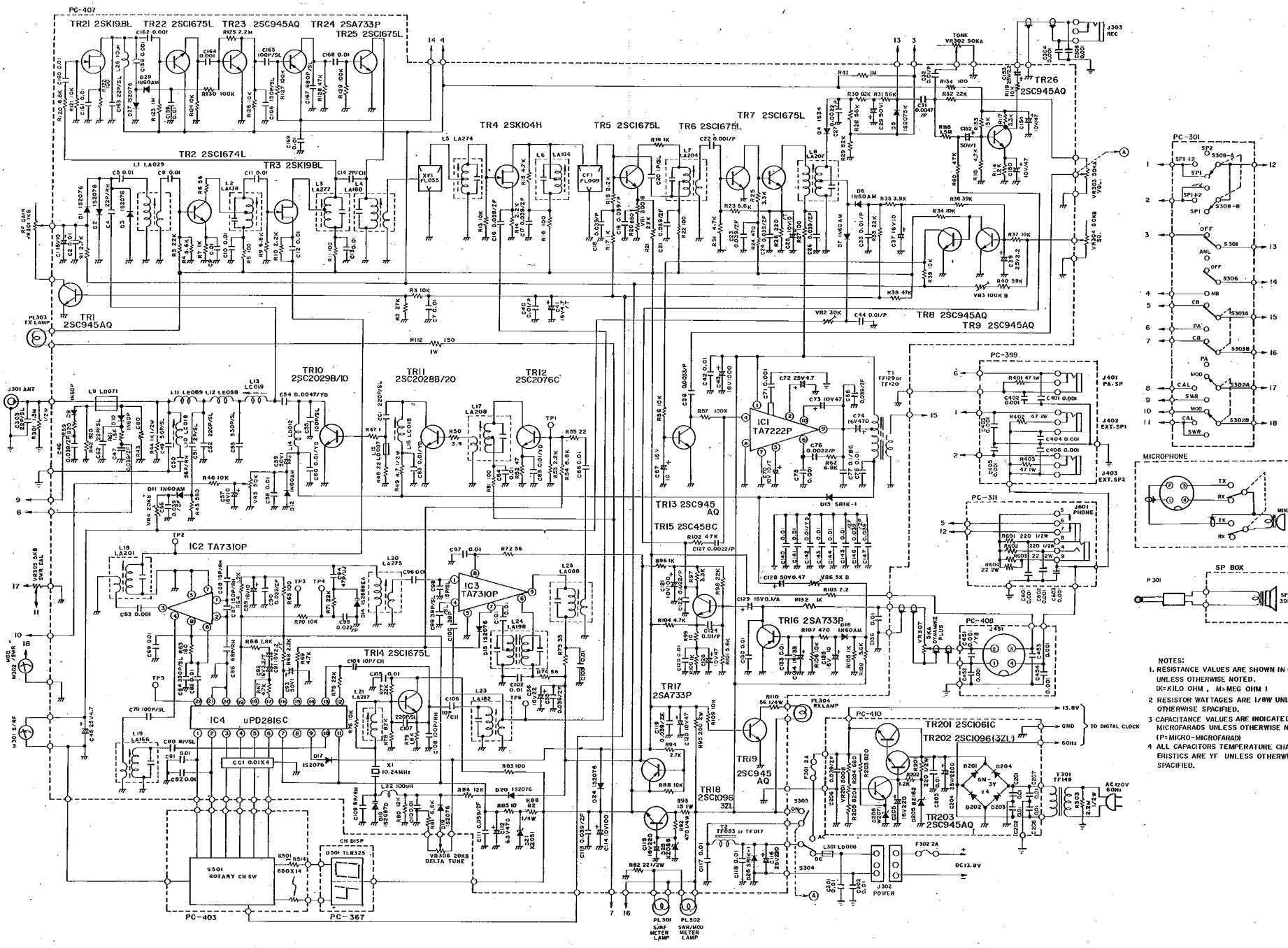
CIRCUIT DIAGRAM FOR COBRA 1000GTL



NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM , M=MEG OHM)
2 RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE SPACIFIED.
3 CAPACITANCE VALUES ARE INDICATED IN MICROFARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICROFARAD)
4 ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE YF UNLESS OTHERWISE SPACIFIED.

BILL OF MATERIAL FOR COBRA 1000GTL

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
SEMICONDUCTORS		
IC-1	Integrated Circuit, TA7222P, AF POWER	307-143-9-003
IC-2,3	Integrated Circuit, TA7310P, VCO, TX MIX	307-133-9-004
IC-4	Integrated Circuit, μPD2816C, PLL	307-145-9-001
IC-701	Integrated Circuit, TM4801P, CLOCK	307-149-9-001
TR-4	Field Effect Transistor, 2SK104-H	182-055-9-001
TR-3,21	Field Effect Transistor, 2SK19-BL	182-037-9-001
TR-16,17,24,702,802	Transistor, 2SA733-P	177-020-9-001
TR-15	Transistor, 2SC458-C	176-048-9-002
TR-1,8,9,13,19,23,203, 801,26	Transistor, 2SC945A-Q	176-062-9-001
TR-201	Transistor, 2SC1061-C	172-044-9-001
TR-18,202	Transistor, 2SC1096-3ZL	172-024-9-001
TR-2	Transistor, 2SC1674-L	176-081-9-002
TR-5,6,7,14,22,25	Transistor, 2SC1675-L	176-065-9-001
TR-11	Transistor, 2SC2028-B/20	172-038-9-001
TR-10	Transistor, 2SC2029-B/10	172-038-9-002
TR-12	Transistor, 2SC2076-C	176-060-9-004
D-6,7,11,12,16,28	Diode, 1N60-AM	150-014-9-001
D-9,10	Diode, 1N60-P	150-006-9-001
D-4	Diode, 1S34	150-016-9-001
D-5	Diode, 1S2075-K	151-028-9-001
D-1,2,3,15,17,19,20,24, 27,801,802	Diode, 1S2076	153-008-9-001
D-201,202,203,204	Diode, GM-3Y	151-079-9-001
D-13,26	Diode, SR1K-1	151-040-9-003
D-205	Diode, Zener, BZ-162	152-057-9-001
D-206	Diode, Zener, WZ-071	152-075-9-001
D-21	Diode, Zener, XZ-051	152-088-9-001
D-25	Diode, Zener, XZ-086	152-089-9-001
D-701	Diode, Zener, CZ-092	152-051-9-001
D-501	Diode, LED, TLR325, CH LED	158-023-9-001
D-702	Diode, LED, TLR2077, CLOCK LED	158-023-9-002
D-18	Diode, Varicap, 1S2687-D	153-038-9-001
D-14	Diode, Varicap, 1S2688-EA	154-004-9-001
INDUCTORS		
L-1	Coil, LA-029	060-023-9-001
L-25	Coil, LA-088	066-019-9-002
L-6	Coil, LA-106	060-019-9-002
L-2	Coil, LA-138	046-024-9-001
L-19	Coil, LA-166	066-025-9-005
L-4	Coil, LA-180	060-024-9-001
L-23	Coil, LA-182	060-024-9-003
L-24	Coil, LA-198	060-029-9-001
L-18	Coil, LA-201	046-024-9-002
L-7	Coil, LA-204	046-024-9-003
L-8	Coil, LA-207	046-025-9-001
L-17	Coil, LA-208	060-029-9-004
L-21	Coil, LA-217	060-030-9-003

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
INDUCTORS (Continued)		
L-5	Coil, LA-274	046-025-9-002
L-20	Coil, LA-275	046-025-9-003
L-3	Coil, LA-277	046-025-9-004
L-10,16	Coil, LC-018	041-056-9-003
L-13	Coil, LC-019	041-088-9-001
L-14	Coil, LD-012	041-069-9-004
L-12	Coil, LE-088	041-104-9-001
L-11	Coil, LE-089	041-104-9-002
L-9	Bead Core, LD-071	044-043-9-006
L-15	Bead Core, LD-087	044-048-9-003
L-301	Bead Core, LD-088	044-051-9-001
L-26	Microinductor, LZ-001, 10 μH	041-105-9-001
L-22	Microinductor, LZ-001, 100 μH	041-062-9-002
T-301	Power Transformer, TF-149	065-144-9-001
T-1	Output Transformer, TF-129	061-039-9-001
T-2	Choke Coil, TF-083	042-021-9-001
SEMI-FIXED & VARIABLE RESISTORS		
VR-1	Resistor, Semifixed, RV-189 300 ohm B	008-345-9-001
VR-201	Resistor, Semifixed, RV-189 500 ohm B	008-342-9-001
VR-4	Resistor, Semifixed, RV-189 20K ohm B	008-316-9-003
VR-6	Resistor, Semifixed, RV-189 5K ohm B	008-316-9-004
VR-2	Resistor, Semifixed, RV-189 30K ohm B	008-331-9-001
VR-5	Resistor, Semifixed, RV-189 50K ohm B	008-316-9-002
VR-3	Resistor, Semifixed, RV-189 100K ohm B	008-316-9-001
VR-301	Resistor, Variable, 1K ohm B, RV-287, RF GAIN	008-350-9-001
VR-302	Resistor, Variable, 50K ohm A, RV-333, TONE	008-347-9-004
VR-303	Resistor, Variable, 50K ohm A, RV-320, VOL	008-347-9-002
VR-304	Resistor, Variable, 50K ohm B, RV-331, SQ	008-347-9-003
VR-305	Resistor, Variable, 5K ohm B, RV-074, SWR-CAL	008-350-9-002
VR-306	Resistor, Variable, 20K ohm B, RV-039, DELTA-TUNE	008-350-9-003
VR-307	Resistor, Variable, 5K ohm A, RV-293, MIKE GAIN	008-344-9-005
FIXED RESISTORS		
R-603,604	Resistor, Metal Film, 22 ohm 2W ±10%	013-038-9-003
R-95	Resistor, Metal Film, 200 ohm 2W ±10%	013-015-9-002
R-93	Resistor, Metal Film, 15 ohm 1W ±10%	013-038-9-001
R-401,402,403	Resistor, Metal Film, 47 ohm 1W ±10%	013-038-9-002
R-702,112	Resistor, Metal Film, 150 ohm 1W ±10%	013-038-9-001
R-82	Resistor, Metal Film, 22 ohm 1/2W ±10%	011-125-9-005
R-601,602	Resistor, Metal Film, 220 ohm 1/2W ±10%	013-039-9-002
R-701	Resistor, Cement, 150 ohm 7W ±5%	013-039-9-003
R-44	Resistor, Solid, 1K ohm 1/2W ±10%	013-039-9-004
R-301	Resistor, Solid, 1.5M ohm 1/2W ±10%	013-039-9-005
R-49	Resistor, Carbon Film, 4.7 ohm 1/2W ±5%	002-102-5-479
R-201	Resistor, Carbon Film, 220 ohm 1/2W ±5%	002-102-5-221
R-303	Resistor, Carbon Film, 2.2M ohm 1/2W ±5%	002-102-5-225
R-110	Resistor, Carbon Film, 56 ohm 1/4W ±5%	002-102-5-560
R-103	Resistor, Carbon Film, 2.2 ohm 1/8W ±5%	002-108-5-229
R-50	Resistor, Carbon Film, 3.9 ohm 1/8W ±5%	002-108-5-399
R-8,11,22,27,51	Resistor, Carbon Film, 100 ohm 1/8W ±5%	002-108-5-101
R-24	Resistor, Carbon Film, 470 ohm 1/8W ±5%	002-108-5-471

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
FIXED RESISTORS (Continued)		
R-204	Resistor, Carbon Film, 680 ohm 1/8W ±5%	002-108-5-681
R-203,205	Resistor, Carbon Film, 820 ohm 1/8W ±5%	002-108-5-821
R-64,202	Resistor, Carbon Film, 1.2K ohm 1/8W ±5%	002-108-5-122
R-68	Resistor, Carbon Film, 2.2K ohm 1/8W ±5%	002-108-5-222
R-94,1	Resistor, Carbon Film, 2.7K ohm 1/8W ±5%	002-108-5-272
R-97	Resistor, Carbon Film, 3.3K ohm 1/8W ±5%	002-108-5-332
R-69,104	Resistor, Carbon Film, 4.7K ohm 1/8W ±5%	002-108-5-472
R-120	Resistor, Carbon Film, 6.8K ohm 1/8W ±5%	002-108-5-682
R-108	Resistor, Carbon Film, 5.6K ohm 1/8W ±5%	002-108-5-562
R-45,109,39	Resistor, Carbon Film, 10K ohm 1/8W ±5%	002-108-5-103
R-98,21	Resistor, Carbon Film, 22K ohm 1/8W ±5%	002-108-5-223
R-57	Resistor, Carbon Film, 100K ohm 1/8W ±5%	002-108-5-104
R-804	Resistor, Carbon Film, 68 ohm 1/4W ±5%	002-104-5-680
R-92	Resistor, Carbon Film, 470 ohm 1/4W ±5%	002-104-5-471
R-47	Resistor, Carbon Film, 1 ohm 1/8W ±5%	002-108-5-109
R-85,99	Resistor, Carbon Film, 10 ohm 1/8W ±5%	002-108-5-100
R-48,55	Resistor, Carbon Film, 22 ohm 1/8W ±5%	002-108-5-220
R-73	Resistor, Carbon Film, 33 ohm 1/8W ±5%	002-108-5-330
R-52	Resistor, Carbon Film, 47 ohm 1/8W ±5%	002-108-5-470
R-6,72,74	Resistor, Carbon Film, 56 ohm 1/8W ±5%	002-108-5-560
R-86	Resistor, Carbon Film, 82 ohm 1/4W ±5%	002-104-5-820
R-16,65,83,122,134	Resistor, Carbon Film, 100 ohm 1/8W ±5%	002-108-5-101
R-63	Resistor, Carbon Film, 180 ohm 1/8W ±5%	002-108-5-181
R-26	Resistor, Carbon Film, 220 ohm 1/8W ±5%	002-108-5-221
R-107	Resistor, Carbon Film, 470 ohm 1/8W ±5%	002-108-5-471
R-45	Resistor, Carbon Film, 560 ohm 1/8W ±5%	002-108-5-561
R-20,43,501,502,503, 504,505,506,507,508, 509,510,511,512,513, 514	Resistor, Carbon Film, 680 ohm 1/8W ±5%	002-108-5-681
R-42,59	Resistor, Carbon Film, 820 ohm 1/8W ±5%	002-108-5-821
R-17,19,96,100,105,132, 7,802	Resistor, Carbon Film, 1K ohm 1/8W ±5%	002-108-5-102
R-61	Resistor, Carbon Film, 1.5K ohm 1/8W ±5%	002-108-5-152
R-10,14,18,53	Resistor, Carbon Film, 2.2K ohm 1/8W ±5%	002-108-5-222
R-114,803	Resistor, Carbon Film, 1.2K ohm 1/8W ±5%	002-108-5-122
R-79,66	Resistor, Carbon Film, 1.8K ohm 1/8W ±5%	002-108-5-182
R-25,117	Resistor, Carbon Film, 3.3K ohm 1/8W ±5%	002-108-5-332
R-35	Resistor, Carbon Film, 3.9K ohm 1/8W ±5%	002-108-5-392
R-15,67,115,705,91	Resistor, Carbon Film, 4.7K ohm 1/8W ±5%	002-108-5-472
R-4,23,101	Resistor, Carbon Film, 5.6K ohm 1/8W ±5%	002-108-5-562
R-9,54,62,81	Resistor, Carbon Film, 6.8K ohm 1/8W ±5%	002-108-5-682
R-3,13,34,37,56,76,88,106, 121,124,126,70,119,706	Resistor, Carbon Film, 10K ohm 1/8W ±5%	002-108-5-103
R-133	Resistor, Carbon Film, 15K ohm 1/8W ±5%	002-108-5-153
R-32,33,71,77,5,75	Resistor, Carbon Film, 22K ohm 1/8W ±5%	002-108-5-223
R-2	Resistor, Carbon Film, 27K ohm 1/8W ±5%	002-108-5-273
R-80,84	Resistor, Carbon Film, 12K ohm 1/8W ±5%	002-108-5-123
R-36,40	Resistor, Carbon Film, 39K ohm 1/8W ±5%	002-108-5-393
R-38,128,60,102	Resistor, Carbon Film, 47K ohm 1/8W ±5%	002-108-5-473
R-28,31	Resistor, Carbon Film, 56K ohm 1/8W ±5%	002-108-5-563
R-29,30,78	Resistor, Carbon Film, 82K ohm 1/8W ±5%	002-108-5-823
R-127,129,180	Resistor, Carbon Film, 100K ohm 1/8W ±5%	002-108-5-104
R-801	Resistor, Carbon Film, 390K ohm 1/8W ±5%	002-108-5-394
R-123,704,41	Resistor, Carbon Film, 1M ohm 1/8W ±5%	002-108-5-105

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
FIXED RESISTORS (Continued)		
R-125	Resistor, Carbon Film, 2.2M ohm 1/8W ±5%	002-108-5-225
R-118	Resistor, Carbon Film, 1.5M ohm 1/8W ±5%	002-108-5-155
CAPACITORS		
C-128	Capacitor, Electrolytic, 0.47 μF 50V	022-157-9-001
C-29,59,,93,152	Capacitor, Electrolytic, 1 μF 50V	022-157-9-002
C-204	Capacitor, Electrolytic, 2200 μF 35V CZ-048	022-175-9-004
C-39,153	Capacitor, Electrolytic, 2.2 μF 25V	022-168-9-002
C-45,72	Capacitor, Electrolytic, 4.7 μF 25V	022-157-9-003
C-116	Capacitor, Electrolytic, 220 μF 25V	022-175-9-003
C-1,37,57,89,67,135	Capacitor, Electrolytic, 10 μF 16V	022-157-9-004
C-36	Capacitor, Electrolytic, 22 μF 16V	022-157-9-005
C-134	Capacitor, Electrolytic, 33 μF 16V	022-157-9-006
C-115,205	Capacitor, Electrolytic, 220 μF 16V	022-163-9-003
C-74	Capacitor, Electrolytic, 470 μF 16V	022-076-9-008
C-43	Capacitor, Electrolytic, 1000 μF 16V	022-158-9-004
C-73,120,126,150 154,804	Capacitor, Electrolytic, 47 μF 10V	022-160-9-002
C-114,801,121	Capacitor, Electrolytic, 100 μF 10V	022-157-9-008
C-112	Capacitor, Electrolytic, 470 μF 6.3V	022-158-9-008
C-91,92	Capacitor, Tantalum, 2.2 μF 16V ±20%	027-033-9-001
C-41	Capacitor, Tantalum, 4.7 μF 16V ±20%	027-026-9-004
C-25,70	Capacitor, Tantalum, 10 μF 10V ±20%	027-025-9-001
C-129	Capacitor, Aluminum, 0.1 μF 16V ±20%	022-177-9-001
C-22	Capacitor, Mylar, 0.001 μF 25V ±20%	025-134-9-001
C-127,76,27	Capacitor, Mylar, 0.0022 μF 25V ±20%	025-134-9-002
C-31	Capacitor, Mylar, 0.0047 μF 25V ±20%	025-134-9-003
C-38	Capacitor, Mylar, 0.0033 μF 25V ±20%	
C-32,33,40,44,124	Capacitor, Mylar, 0.01 μF 25V ±20%	025-137-9-002
C-95,122	Capacitor, Mylar, 0.022 μF 25V ±20%	025-137-9-006
C-18,19	Capacitor, Mylar, 0.039 μF 25V ±20%	025-134-9-006
C-77	Capacitor, Ceramic Disc, 0.1 μF 25V +80% -20% BC	020-210-9-008
C-20	Capacitor, Ceramic Disc, 1 pF 50V ±0.25pF SL	020-190-9-001
C-51	Capacitor, Ceramic Disc, 2 pF 50V ±0.25pF SL	020-187-9-001
C-80	Capacitor, Ceramic Disc, 8 pF 50V ±0.5pF SL	020-213-9-001
C-98	Capacitor, Ceramic Disc, 15 pF 50V ±10% SL	020-180-9-010
C-303,163,62	Capacitor, Ceramic Disc, 22 pF 50V ±10% SL	020-180-9-011
C-99,100	Capacitor, Ceramic Disc, 39 pF 50V ±10% SL	020-190-9-007
C-49	Capacitor, Ceramic Disc, 56 pF 50V ±10% SL	
C-55,165,79	Capacitor, Ceramic Disc, 100 pF 50V ±10% SL	020-180-9-016
C-166	Capacitor, Ceramic Disc, 150 pF 50V ±10% SL	020-180-9-014
C-107,52,61	Capacitor, Ceramic Disc, 220 pF 50V ±10% SL	020-180-9-019
C-84,53	Capacitor, Ceramic Disc, 330 pF 50V ±10% SL	020-181-9-008
C-702	Capacitor, Ceramic Disc, 560 pF 50V ±10% SL	020-213-9-003
C-167	Capacitor, Ceramic Disc, 680 pF 50V ±10% SL	020-187-9-007
C-71,75,83,162,164,403, 404,405,406,601,602, 603,158,452,453,454, 304,305,401,402	Capacitor, Ceramic Disc, 0.001 μF 50V +80% -20% YF	020-190-9-012
C-803	Capacitor, Ceramic Disc, 0.0033 μF 50V +80% -20% YF	020-190-9-013
C-2,5,7,8,9,10,11,12,13,42, 58,64,66,69,78,81,82,85, 96,97,101,102,103,105, 110,117,118,125,130,133, 136,140,141,143,144,145, 159,160,161,168,169,201, 202,203,207,208,301,302	Capacitor, Ceramic Disc, 0.01 μF 50V +80% -20% YF	020-190-9-015

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
CAPACITORS (Continued)		
C-90	Capacitor, Ceramic Disc, 0.022 μF 25V +80% -20% ZF	020-213-9-004
C-16,17,21,23,24,26,35,46, 47,56,68,111,113,116,146, 147,206,701,802	Capacitor, Ceramic Disc, 0.039 μF 25V +80% -20% ZF	020-206-9-001
C-14	Capacitor, Ceramic Disc, 2 pF 50V ±0.25 pF CH	020-180-9-002
C-104,106	Capacitor, Ceramic Disc, 10 pF 50V ±0.5 pF CH	020-213-9-005
C-109	Capacitor, Ceramic Disc, 9 pF 50V ±0.5 pF RH	020-213-9-006
C-88	Capacitor, Ceramic Disc, 15 pF 50V ±10% RH	020-207-9-006
C-4	Capacitor, Ceramic Disc, 22 pF 50V ±10% RH	020-205-9-002
C-50	Capacitor, Ceramic Disc, 56 pF 50V ±10% RH	020-208-9-002
C-86	Capacitor, Ceramic Disc, 68 pF 50V ±10% RH	020-196-9-001
C-108	Capacitor, Ceramic Disc, 100 pF 50V ±10% RH	020-204-9-010
C-87	Capacitor, Ceramic Disc, 150 pF 50V ±10% RH	020-207-9-008
C-94	Capacitor, Ceramic Disc, 47 pF 50V 10% UJ	020-207-9-002
C-451	Capacitor, Ceramic Disc, 0.001 μF 50V 10% YB	020-210-9-007
C-54	Capacitor, Ceramic Disc, 0.0047 μF 50V 20% YD	020-204-9-018
C-60,63,65,142	Capacitor, Ceramic Disc, 0.01 μF 50V 20% YD	020-204-9-019
CC-1	Capacitor, Array, 0.01 μF x 4, HA-003	527-077-9-002
CRYSTALS		
X-1	Crystal, QX-074, 10.240 MHz	132-027-9-001
XF-1	Crystal Filter, FL-055, 10.695 MHz	143-011-9-001
CF-1	Ceramic Filter, FL-009, 455 kHz	140-009-9-001
MISCELLANEOUS		
	Printed Circuit Board, PC-407AB, Main	
	Printed Circuit Board, PC-399AA, SP. JACK	
	Printed Circuit Board, PC-408AA, MIKE JACK	
	Printed Circuit Board, PC-410AB, DC POWER SUPPLY	
	Printed Circuit Board, PC-301AA, SW	
	Printed Circuit Board, PC-403AA, CH SW	
	Printed Circuit Board, PC-367AA, CH LED	
	Printed Circuit Board, PC-400AA, CLOCK	
	Printed Circuit Board, PC-300AA, ALARM	
	Printed Circuit Baord, PC-311AA, PHONE	302-346-9-001
S-501	Switch, Rotary SR-216 CH SW	083-243-9-001
S-701,702	Switch, Push, Dual SW-158 ALARM/SET	088-047-9-001
S-703,704,705	Switch, Push, Triple SW-159 FAST/SLOW/HOLD	088-047-9-002
S-304	Switch, Slide, SW-099 AC-DC	084-065-9-003
S-308,302	Switch, Lever, SW-151 SP1 - SP1 + 2 - SP2 SWR - CAL - MOD	080-010-9-001
S-301,303,306	Switch, Lever, SW-152 ANL - PA - CB NB - OFF	080-010-9-002
SP-301	Speaker, SP-003	580-013-9-001
SP-801	Speaker, SP-054 Clock Alarm	583-001-9-001
M-301	Meter, MT-160 S/RF	320-100-9-001
M-302	Meter, MT-161 MOD/SWR	320-100-9-002
	Microphone MK-075	562-025-9-001

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
MISCELLANEOUS (Continued)		
PL-301	Lamp PL-085 S/RF	400-057-9-001
PL-302	Lamp PL-085 MOD/SWR	400-058-9-001
PL-303	Lamp PL-065 TX	400-057-9-002
PL-304	Lamp PL-065 RX	400-058-9-002
J-301	Connector, JK-035 ANT	772-027-9-001
J-302	Jack, JK-052 DC PWR	762-020-9-001
J-303,401,402,403	Jack, JK-001 REC/PA SP/EXT SP1/EXT SP2	773-077-9-001
J-451	Jack, JK-058, Mike	773-073-9-001
J-601	Jack, JK-005, PHONES	773-094-9-001
P-301	Plug, PG-003, SP BOX	775-034-9-001
TP-1,2,3,4,5,6	Terminal TP-029, Test Point	757-033-9-001
F-301,302	Fuse, 2A 250V, FS-012	191-251-3-002
	Fuse Hodler, FH-002	742-035-9-001
FC-501	Insulator, YD-039, IC-1	342-046-9-002
FC-502	Insulator, YD-033, TR-201	345-050-9-002
FC-701,702	Insulator, YD-043, TR-11	342-047-9-001
	Insulator, YD-042, TR-10	342-047-9-002
	Clamper, Wire, YY-047	380-278-9-001
	Clamper, Lead, YY-049	380-284-9-002
	Flat Cable, WF-114	426-046-9-001
	Flat Cable, WF-110	426-046-9-002
	Flat Cable, WF-115	426-046-9-003
	Chassis	
	Cover, Top	253-068-9-001
	Cover, Bottom	252-026-9-001
	Chassis, Front	254-032-9-001
	Panel, Side (R)	263-009-9-001
	Panel, Side (L)	263-009-9-002
	Panel, Rear	262-022-9-001
	Holder, Lamp	251-357-9-001
	Holder, Meter	251-357-9-002
	Holder, Switch	251-357-9-003
	Angle, Switch	251-227-9-001
	Heat Sink	747-052-9-002
	Heat Sink	747-065-9-001
	Holder, Integrated Circuit	762-021-9-001
	Holder, Transformer	251-173-9-003
	Lug Terminal	740-024-9-001
	Hanger, Microphone	741-074-9-001
	Cabinet, Wood	290-004-9-001
	Panel, Front	255-174-9-001
	Knob Channel	751-168-9-001
	Knob	751-168-9-004
	Knob, Push Switch	751-168-9-007
	Bushing, Phone Jack	763-114-9-001
	Control Nameplate	600-049-9-001
	Control Nameplate	600-049-9-002
	Brand Nameplate	600-049-9-003
	FCC Nameplate	
	Label, Fuse	
	Label, Caution	
	Label, Caution	483-337-9-002
	Label, Serial Number	

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
MISCELLANEOUS (Continued)		
	Label, Production Date	494-035-9-001

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
SPEAKER BOX		
	Holder, Right Panel	251-357-9-004
	Holder, Left Panel	251-357-9-005

L-7	Coil,	LA-204	046-024-9-003
L-8	Coil,	LA-207	046-025-9-001
L-17	Coil,	LA-208	080-029-9-004
L-21	Coil,	LA-217	060-030-9-003

R-103	Resistor, Carbon Film,	2.2 ohm 1/8W ±5%	002-108-5-229
R-50	Resistor, Carbon Film,	3.9 ohm 1/8W ±5%	002-108-5-399
R-8,11,22,27,51	Resistor, Carbon Film,	100 ohm 1/8W ±5%	002-108-5-101
R-24	Resistor, Carbon Film,	470 ohm 1/8W ±5%	002-108-5-471

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
	FIXED RESISTORS (Continued)		
R-204	Resistor, Carbon Film,	680 ohm 1/8W ±5%	002-108-5-681
R-203,205	Resistor, Carbon Film,	820 ohm 1/8W ±5%	002-108-5-821
R-64,202	Resistor, Carbon Film,	1.2K ohm 1/8W ±5%	002-108-5-122
R-68	Resistor, Carbon Film,	2.2K ohm 1/8W ±5%	002-108-5-222
R-94,1	Resistor, Carbon Film,	2.7K ohm 1/8W ±5%	002-108-5-272
R-97	Resistor, Carbon Film,	3.3K ohm 1/8W ±5%	002-108-5-332
R-69,104	Resistor, Carbon Film,	4.7K ohm 1/8W ±5%	002-108-5-472
R-120	Resistor, Carbon Film,	6.8K ohm 1/8W ±5%	002-108-5-682
R-108	Resistor, Carbon Film,	5.6K ohm 1/8W ±5%	002-108-5-562
R-46,109,39	Resistor, Carbon Film,	10K ohm 1/8W ±5%	002-108-5-103
R-98,21	Resistor, Carbon Film,	22K ohm 1/8W ±5%	002-108-5-223
R-57	Resistor, Carbon Film,	100K ohm 1/8W ±5%	002-108-5-104
R-804	Resistor, Carbon Film,	68 ohm 1/4W ±5%	002-104-5-680
R-92	Resistor, Carbon Film,	470 ohm 1/4W ±5%	002-104-5-471
R-47	Resistor, Carbon Film,	1 ohm 1/8W ±5%	002-108-5-109
R-85,99	Resistor, Carbon Film,	10 ohm 1/8W ±5%	002-108-5-100
R-48,55	Resistor, Carbon Film,	22 ohm 1/8W ±5%	002-108-5-220
R-73	Resistor, Carbon Film,	33 ohm 1/8W ±5%	002-108-5-330
R-52	Resistor, Carbon Film,	47 ohm 1/8W ±5%	002-108-5-470
R-6,72,74	Resistor, Carbon Film,	56 ohm 1/8W ±5%	002-108-5-560
R-86	Resistor, Carbon Film,	82 ohm 1/4W ±5%	002-104-5-820
R-16,65,83,122,134	Resistor, Carbon Film,	100 ohm 1/8W ±5%	002-108-5-101
R-63	Resistor, Carbon Film,	180 ohm 1/8W ±5%	002-108-5-181
R-26	Resistor, Carbon Film,	220 ohm 1/8W ±5%	002-108-5-221
R-107	Resistor, Carbon Film,	470 ohm 1/8W ±5%	002-108-5-471
R-45	Resistor, Carbon Film,	560 ohm 1/8W ±5%	002-108-5-561
R-20,43,501,502,503, 504,505,506,507,508, 509,510,511,512,513, 514	Resistor, Carbon Film,	680 ohm 1/8W ±5%	002-108-5-681
R-42,59	Resistor, Carbon Film,	820 ohm 1/8W ±5%	002-108-5-821
R-17,19,96,100,105,132, 7,802	Resistor, Carbon Film,	1K ohm 1/8W ±5%	002-108-5-102
R-61	Resistor, Carbon Film,	1.5K ohm 1/8W ±5%	002-108-5-152
R-10,14,18,53	Resistor, Carbon Film,	2.2K ohm 1/8W ±5%	002-108-5-222
R-114,803	Resistor, Carbon Film,	1.2K ohm 1/8W ±5%	002-108-5-122
R-79,66	Resistor, Carbon Film,	1.8K ohm 1/8W ±5%	002-108-5-182
R-25,117	Resistor, Carbon Film,	3.3K ohm 1/8W ±5%	002-108-5-332
R-35	Resistor, Carbon Film,	3.9K ohm 1/8W ±5%	002-108-5-392
R-15,67,115,705,91	Resistor, Carbon Film,	4.7K ohm 1/8W ±5%	002-108-5-472
R-4,23,101	Resistor, Carbon Film,	5.6K ohm 1/8W ±5%	002-108-5-562
R-9,54,62,81	Resistor, Carbon Film,	6.8K ohm 1/8W ±5%	002-108-5-682
R-3,13,34,37,56,76,88,106, 121,124,126,70,119,706	Resistor, Carbon Film,	10K ohm 1/8W ±5%	002-108-5-103
R-133	Resistor, Carbon Film,	15K ohm 1/8W ±5%	002-108-5-153
R-32,33,71,77,5,75	Resistor, Carbon Film,	22K ohm 1/8W ±5%	002-108-5-223
R-2	Resistor, Carbon Film,	27K ohm 1/8W ±5%	002-108-5-273
R-80,84	Resistor, Carbon Film,	12K ohm 1/8W ±5%	002-108-5-123
R-36,40	Resistor, Carbon Film,	39K ohm 1/8W ±5%	002-108-5-393
R-38,128,60,102	Resistor, Carbon Film,	47K ohm 1/8W ±5%	002-108-5-473
R-28,31	Resistor, Carbon Film,	56K ohm 1/8W ±5%	002-108-5-563
R-29,30,78	Resistor, Carbon Film,	82K ohm 1/8W ±5%	002-108-5-823
R-127,129,180	Resistor, Carbon Film,	100K ohm 1/8W ±5%	002-108-5-104
R-801	Resistor, Carbon Film,	390K ohm 1/8W ±5%	002-108-5-394
R-123,704,41	Resistor, Carbon Film,	1M ohm 1/8W ±5%	002-108-5-105

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
	FIXED RESISTORS (Continued)		
R-125	Resistor, Carbon Film,	2.2M ohm 1/8W ±5%	002-108-5-225
R-118	Resistor, Carbon Film,	1.5M ohm 1/8W ±5%	002-108-5-155
	CAPACITORS		
C-128	Capacitor, Electrolytic,	0.47 µF 50V	022-157-9-001
C-29,59,,93,152	Capacitor, Electrolytic,	1 µF 50V	022-157-9-002
C-204	Capacitor, Electrolytic,	2200 µF 35V CZ-048	022-175-9-004
C-39,153	Capacitor, Electrolytic,	2.2 µF 25V	022-158-9-002
C-45,72	Capacitor, Electrolytic,	4.7 µF 25V	022-157-9-003
C-116	Capacitor, Electrolytic,	220 µF 25V	022-175-9-003
C-1,37,57,89,67,135	Capacitor, Electrolytic,	10 µF 16V	022-157-9-004
C-36	Capacitor, Electrolytic,	22 µF 16V	022-157-9-005
C-134	Capacitor, Electrolytic,	33 µF 16V	022-157-9-006
C-115,205	Capacitor, Electrolytic,	220 µF 16V	022-163-9-003
C-74	Capacitor, Electrolytic,	470 µF 16V	022-076-9-008
C-43	Capacitor, Electrolytic,	1000 µF 16V	022-158-9-004
C-73,120,126,150 154,804	Capacitor, Electrolytic,	47 µF 10V	022-160-9-002
C-114,801,121	Capacitor, Electrolytic,	100 µF 10V	022-157-9-008
C-112	Capacitor, Electrolytic,	470 µF 6.3V	022-158-9-008
C-91,92	Capacitor, Tantalum,	2.2 µF 16V ±20%	027-033-9-001
C-41	Capacitor, Tantalum,	4.7 µF 16V ±20%	027-026-9-004
C-25,70	Capacitor, Tantalum,	10 µF 10V ±20%	027-025-9-001
C-129	Capacitor, Aluminum,	0.1 µF 16V ±20%	022-177-9-001
C-22	Capacitor, Mylar,	0.001 µF 25V ±20%	025-134-9-001
C-127,76,27	Capacitor, Mylar,	0.0022 µF 25V ±20%	025-134-9-002
C-31	Capacitor, Mylar,	0.0047 µF 25V ±20%	025-134-9-003
C-38	Capacitor, Mylar,	0.0033 µF 25V ±20%	
C-32,33,40,44,124	Capacitor, Mylar,	0.01 µF 25V ±20%	025-137-9-002
C-95,122	Capacitor, Mylar,	0.022 µF 25V ±20%	025-137-9-006
C-18,19	Capacitor, Mylar,	0.039 µF 25V ±20%	025-134-9-006
C-77	Capacitor, Ceramic Disc,	0.1 µF 25V +80% -20% BC..	020-210-9-008
C-20	Capacitor, Ceramic Disc,	1 pF 50V ±0.25pF SL..	020-190-9-001
C-51	Capacitor, Ceramic Disc,	2 pF 50V ±0.25pF SL..	020-187-9-001
C-80	Capacitor, Ceramic Disc,	8 pF 50V ±0.5pF SL..	020-213-9-001
C-98	Capacitor, Ceramic Disc,	15 pF 50V ±10% SL..	020-180-9-010
C-303,163,62	Capacitor, Ceramic Disc,	22 pF 50V ±10% SL..	020-180-9-011
C-99,100	Capacitor, Ceramic Disc,	39 pF 50V ±10% SL..	020-190-9-007
C-49	Capacitor, Ceramic Disc,	56 pF 50V ±10% SL..	
C-55,165,79	Capacitor, Ceramic Disc,	100 pF 50V ±10% SL..	020-180-9-016
C-166	Capacitor, Ceramic Disc,	150 pF 50V ±10% SL..	020-180-9-014
C-107,52,61	Capacitor, Ceramic Disc,	220 pF 50V ±10% SL..	020-180-9-019
C-84,53	Capacitor, Ceramic Disc,	330 pF 50V ±10% SL..	020-181-9-008
C-702	Capacitor, Ceramic Disc,	560 pF 50V ±10% SL..	020-213-9-003
C-167	Capacitor, Ceramic Disc,	680 pF 50V ±10% SL..	020-187-9-007
C-71,75,83,162,164,403, 404,405,406,601,602, 603,158,452,453,454, 304,305,401,402	Capacitor, Ceramic Disc,	0.001 µF 50V +80% -20% YF..	020-190-9-012
C-803	Capacitor, Ceramic Disc,	0.0033 µF 50V +80% -20% YF..	020-190-9-013
C-2,5,7,8,9,10,11,12,13,42, 58,64,66,69,78,81,82,85, 96,97,101,102,103,105, 110,117,118,125,130,133, 135,140,141,143,144,145, 159,160,161,168,169,201, 202,203,207,208,301,302	Capacitor, Ceramic Disc,	0.01 µF 50V +80% -20% YF..	020-190-9-015

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
	CAPACITORS (Continued)		
C-90	Capacitor, Ceramic Disc,	0.022 µF 25V +80% -20% ZF..	020-213-9-004
C-16,17,21,23,24,26,35,46, 47,56,68,111,113,116,146, 147,206,701,802	Capacitor, Ceramic Disc,	0.039 µF 25V +80% -20% ZF..	020-206-9-001
C-14	Capacitor, Ceramic Disc,	2 pF 50V ±0.25 pF CH	020-180-9-002
C-104,106	Capacitor, Ceramic Disc,	10 pF 50V ±0.5 pF CH	020-213-9-005
C-109	Capacitor, Ceramic Disc,	9 pF 50V ±0.5 pF RH	020-213-9-006
C-88	Capacitor, Ceramic Disc,	15 pF 50V ±10% RH	020-207-9-006
C-4	Capacitor, Ceramic Disc,	22 pF 50V ±10% RH	020-205-9-002
C-50	Capacitor, Ceramic Disc,	56 pF 50V ±10% RH	020-208-9-002
C-86	Capacitor, Ceramic Disc,	68 pF 50V ±10% RH	020-196-9-001
C-108	Capacitor, Ceramic Disc,	100 pF 50V ±10% RH	020-204-9-010
C-87	Capacitor, Ceramic Disc,	150 pF 50V ±10% RH	020-207-9-008
C-94	Capacitor, Ceramic Disc,	47 pF 50V 10% UJ	020-207-9-002
C-451	Capacitor, Ceramic Disc,	0.001 µF 50V 10% YB	020-210-9-007
C-54	Capacitor, Ceramic Disc,	0.0047 µF 50V 20% YD	020-204-9-018
C-60,63,65,142	Capacitor, Ceramic Disc,	0.01 µF 50V 20% YD	020-204-9-019
CC-1	Capacitor, Array,	0.01 µF x 4, HA-003	527-077-9-002
	CRYSTALS		
X-1	Crystal,	OX-074, 10.240 MHz	132-027-9-001
XF-1	Crystal Filter,	FL-055, 10.695 MHz	143-011-9-001
CF-1	Ceramic Filter,	FL-009, 455 kHz	140-009-9-001
	MISCELLANEOUS		
	Printed Circuit Board,	PC-407AB, Main	
	Printed Circuit Board,	PC-399AA, SP. JACK	
	Printed Circuit Board,	PC-408AA, MIKE JACK	
	Printed Circuit Board,	PC-410AB, DC POWER SUPPLY	
	Printed Circuit Board,	PC-301AA, SW	
	Printed Circuit Board,	PC-403AA, CH SW	
	Printed Circuit Board,	PC-367AA, CH LED	
	Printed Circuit Board,	PC-400AA, CLOCK	
	Printed Circuit Board,	PC-300AA, ALARM	
	Printed Circuit Baord,	PC-311AA, PHONE	302-346-9-001
S-501	Switch, Rotary	SR-216 CH SW	083-243-9-001
S-701,702	Switch, Push, Dual	SW-158 ALARM/SET	088-047-9-001
S-703,704,705	Switch, Push, Triple	SW-159 FAST/SLOW/HOLD	088-047-9-002
S-304	Switch, Slide,	SW-099 AC-DC	084-065-9-003
S-308,302	Switch, Lever,	SW-151 SP1 - SP1 + 2 - SP2 SWR - CAL - MOD	080-010-9-001
S-301,303,306	Switch, Lever,	SW-152 ANL - PA - CB NB - OFF	080-010-9-002
SP-301	Speaker,	SP-003	580-013-9-001
SP-801	Speaker,	SP-054 Clock Alarm	583-001-9-001
M-301	Meter,	MT-160 S/RF	320-100-9-001
M-302	Meter,	MT-161 MOD/SWR	320-100-9-002
	Microphone	MK-075	562-025-9-001

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
	MISCELLANEOUS (Continued)		
PL-301	Lamp	PL-065 S/RF	400-057-9-001
PL-302	Lamp	PL-065 MOD/SWR	400-058-9-001
PL-303	Lamp	PL-065 TX	400-057-9-002
PL-304	Lamp	PL-065 RX	400-058-9-002
J-301	Connector,	JK-035 ANT	772-027-9-001
J-302	Jack,	JK-052 DC PWR	762-020-9-001
J-303,401,402,403	Jack,	JK-001 REC/PA SP/EXT SP1/EXT SP2	773-077-9-001
J-451	Jack,	JK-058, Mike	773-073-9-001
J-601	Jack,	JK-005, PHONES	773-094-9-001
P-301	Plug,	PG-003, SP BOX	775-034-9-001
TP-1,2,3,4,5,6	Terminal	TP-029, Test Point	757-033-9-001
F-301,302	Fuse,	2A 250V, FS-012	191-251-3-002
	Fuse Hodler,	FH-002	742-035-9-001
	Insulator,	YD-039, IC-1	342-046-9-002
	Insulator,	YD-033, TR-201	345-050-9-002
	Insulator,	YD-043, TR-11	342-047-9-001
	Insulator,	YD-042, TR-10	342-047-9-002
	Clamper, Wire,	YY-047	380-278-9-001
	Clamper, Lead,	YY-049	380-284-9-002
FC-501	Flat Cable,	WF-114	426-046-9-001
FC-502	Flat Cable,	WF-116	426-046-9-002
FC-701,702	Flat Cable,	WF-115	426-046-9-003
	Chassis		
	Cover, Top		253-068-9-001
	Cover, Bottom		252-026-9-001
	Chassis, Front		254-032-9-001
	Panel, Side (R)		263-009-9-001
	Panel, Side (L)		263-009-9-002
	Panel, Rear		262-022-9-001
	Holder, Lamp		251-357-9-001
	Holder, Meter		251-357-9-002
	Holder, Switch		251-357-9-003
	Angle, Switch		251-227-9-001
	Heat Sink		747-052-9-002
	Heat Sink		747-065-9-001
	Holder, Integrated Circuit		762-021-9-001
	Holder, Transformer		251-173-9-003
	Lug Terminal		740-024-9-001
	Hanger, Microphone		741-074-9-001
	Cabinet, Wood		290-004-9-001
	Panel, Front		255-174-9-001
	Knob Channel		751-168-9-001
	Knob		751-168-9-004
	Knob, Push Switch		751-168-9-007
	Bushing, Phone Jack		763-114-9-001
	Control Nameplate		600-049-9-001
	Control Nameplate		600-049-9-002
	Brand Nameplate		600-049-9-003
	FCC Nameplate		
	Label, Fuse		
	Label, Caution		
	Label, Caution		483-337-9-002
	Label, Serial Number		

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
	MISCELLANEOUS (Continued)		
	Label, Production Date		
	Label, Warning		484-035-9-001
	Display Plate, Clock/RX-TX		763-115-9-001
	Optical Filter, LED CLOCK		763-115-9-002
	Plate, Receive display		763-115-9-003
	Plate, On the air display		763-115-9-004
	Optical Filter, CH display		763-115-9-005
	Protection Cover, Front Panel		502-113-9-001
	Protection Cover, Front Panel		502-113-9-002
	Cushion, Meter		502-113-9-003
	Cushion, Meter		502-113-9-004
	Washer, Rubber		347-075-9-001
	Washer, Bakelite		347-080-9-001
	Spacer, Alarm PCB		769-085-9-001
	Screw, Bind Head	2.6 x 4 m/m	634-073-9-001
	Screw, Bind Head	3 x 5 m/m	634-067-9-002
	Screw, Bind Head	3 x 8 m/m	634-067-9-001
	Screw, Bind Head	4 x 10 m/m	634-084-9-001
	Screw, Bind Head	5 x 14 m/m	634-105-9-001
	Screw, Flat Head	3 x 6 m/m	634-081-9-004
	Screw, Round Head	3 x 6 m/m	634-105-9-002
	Screw, Bind Head	3 x 8 m/m	710-032-9-002
	Screw, Bind Head	3 x 6 m/m	710-021-9-004
	Screw, Bind Head	3 x 14 m/m	710-032-9-001
	Screw, Bind Head	3 x 16 m/m	710-043-9-001
	Screw, Round Head	3.1 x 10 m/m	634-105-9-003
	Screw, Pan Head	3 x 6 m/m	634-051-9-001
	Nut, Flange	4 m/m	653-037-9-001
	Washer,	3 m/m	724-021-9-001
	Washer,	5 m/m	724-031-9-001
	Foot, Rubber,	25 x 17 m/m	381-058-9-001
	Spring, Channel Knob		763-084-9-004
	Stopper, Cord		763-111-9-002
	Rivet, FCC Nameplate		
	Lug Terminal		
	Accessory Box		500-382-9-001
	Display Box		500-382-9-002
	Shipping Box		
	Protection Pad	(R)	503-130-9-001
	Protection Pad	(L)	503-142-9-002
	Protection Pad	(C)	503-157-9-001
	Protection Pad	Paper	502-113-9-005
	Instruction Manual		480-235-9-001
	Circuit Diagram/Bill of Material		499-141-9-001
	Warranty Card		
	Service Station Card		
	FCC Form 505		
	FCC Form 555 B		
	FCC Rule Part 95		
	AC Cord,	WZ-022	420-027-9-001
	Cap Connector,	YY-008	
	DC Cord,	W-070101, DC PWR	426-044-9-002
	Clamper, Wire,	YY-023	
	Snap Bushing,	YY-024	
	Snap Bushing,	YY-025	

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	SPEAKER BOX	
	Holder, Right Panel	251-357-9-004
	Holder, Left Panel	251-357-9-005
	Cover, Bottom	253-068-9-002
	Panel, Rear	253-068-9-003
	Plate, Baffle	260-165-9-001
	Panel, Front	255-174-9-002
	Speaker Grille (A)	261-076-9-001
	Speaker Grille (B)	261-076-9-002
	Cabinet, Wood	290-004-9-002
	Plate (A)	260-165-9-002
	Plate (B)	260-165-9-003
	Plate (C)	260-165-9-004
	Plate (D)	260-165-9-005
	Cover, Cloth, Lever Switch	253-068-9-004

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