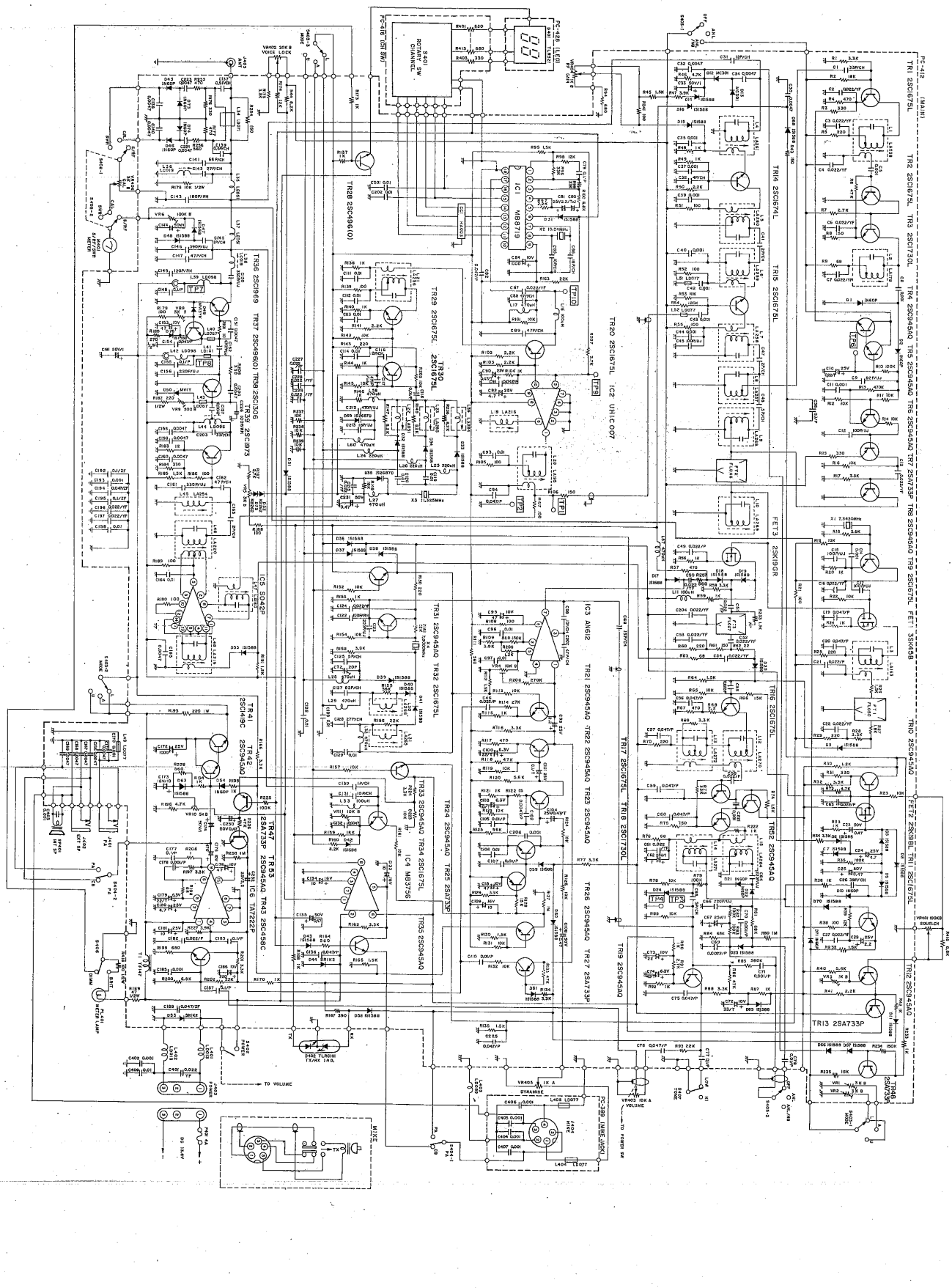


CIRCUIT DIAGRAM FOR COBRA 148GTL



NOTES:
 1. RESISTOR VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE SPECIFIED.
 2. CAPACITOR VALUES ARE SHOWN IN PICO FARADS UNLESS OTHERWISE SPECIFIED.
 3. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 4. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

BILL OF MATERIAL FOR COBRA 148GTL

| CIRCUIT SYMBOL | DESCRIPTION | DYNASCAN PART NO. |
|--|------------------------------|-------------------|
| SEMICONDUCTORS | | |
| IC-1 | Integrated Circuit, MB8719 | 307-128-9-002 |
| IC-2 | Integrated Circuit, UHIC-007 | 307-143-9-001 |
| IC-3 | Integrated Circuit, AN612 | 307-143-9-002 |
| IC-4 | Integrated Circuit, MB3756 | 307-133-9-005 |
| IC-5 | Integrated Circuit, SO42P | 307-143-9-004 |
| IC-6 | Integrated Circuit, TA7222P | 307-143-9-003 |
| FET-1 | Transistor, FET, 3SK45-B | 182-038-9-001 |
| FET-2 | Transistor, FET, 2SK19-BL | 182-037-9-001 |
| FET-3 | Transistor, FET, 2SK19-GR | 182-029-9-001 |
| TR-1,2,9,11,16,17,20,29,30,32,34 | Transistor, 2SC1675-L | 176-065-9-001 |
| TR-3,18 | Transistor, 2SC1730-L | 176-073-9-001 |
| TR-4,5,6,8,10,12,19,21,22,23,24,26,31,33,35,42 | Transistor, 2SC945A-Q | 176-062-9-001 |
| TR-7,13,25,27 | Transistor, 2SA733-P | 177-020-9-001 |
| TR-14,15 | Transistor, 2SC1674-L | 176-081-9-002 |
| TR-28,37 | Transistor, 2SC496-O | 176-087-9-001 |
| TR-36 | Transistor, 2SC1989-B | 176-087-9-002 |
| TR-38 | Transistor, 2SC1306 | 172-024-9-002 |
| TR-39 | Transistor, 2SC1973 | 176-073-9-003 |
| TR-41 | Transistor, 2SC1419-C | 176-055-9-004 |
| TR-43 | Transistor, 2SC458-C | 176-048-9-002 |
| D-1,2,10,21,22,45,46,54 | Diode, 1N60P | 150-006-9-001 |
| D-12,13 | Diode, MC301 | 151-072-9-001 |
| D-3,4,5,6,7,8,9,11,14,15,16,17,18,19,20,23,24,31,32,33,34,36,37,38,39,40,41,42,43,47,48,51,52,53,58,59,60,61 | Diode, SR1K-2 | 151-045-9-001 |
| D-44,45 | Diode, LED, TLR321 | 158-014-9-001 |
| D-401 | Diode, TLRG101 | 158-020-9-001 |
| D-402 | Diode, Varicap, 1S2687D | 153-008-9-001 |
| D-35 | Varistor, MV-1Y | 004-175-9-001 |
| D-50 | Varistor, MV-13YH | 153-011-9-001 |
| D-49 | Varistor, MV-13YH | 153-011-9-001 |
| INDUCTORS | | |
| L-1 | Coil, LA-038 | 060-018-9-001 |
| L-47 | Coil, LA-160 | 060-025-9-008 |
| L-3 | Coil, LA-163 | 060-022-9-001 |
| L-2 | Coil, LA-179 | 060-025-9-010 |
| L-20 | Coil, LA-195 | 060-030-9-001 |
| L-19 | Coil, LA-216 | 060-030-9-002 |
| L-48 | Coil, LA-219 | 060-030-9-005 |
| L-46 | Coil, LA-220 | 060-030-9-008 |
| L-45 | Coil, LA-254 | 060-030-9-006 |
| L-21 | Coil, LA-256 | 060-030-9-010 |
| L-8 | Coil, LA-257 | 060-030-9-011 |

| CIRCUIT SYMBOL | DESCRIPTION | DYNASCAN PART NO. |
|---|--|-------------------|
| FIXED RESISTORS (Continued) | | |
| R-175 | Resistor, Carbon Film, 3.9K ohm 1/8W ±5% | 002-108-5-392 |
| R-72,174 | Resistor, Carbon Film, 4.7K ohm 1/8W ±5% | 002-108-5-472 |
| R-113 | Resistor, Carbon Film, 10K ohm 1/8W ±5% | 002-108-5-103 |
| R-66 | Resistor, Carbon Film, 15K ohm 1/8W ±5% | 002-108-5-153 |
| R-169 | Resistor, Carbon Film, 47K ohm 1/2W ±5% | 002-108-5-470 |
| R-171 | Resistor, Carbon Film, 100 ohm 1/2W ±5% | 002-102-5-101 |
| R-178 | Resistor, Carbon Film, 10K ohm 1/2W ±5% | 002-103-5-103 |
| R-208 | Resistor, Carbon Film, 1 ohm 1/8W ±5% | 002-108-5-109 |
| R-68 | Resistor, Carbon Film, 2.2 ohm 1/8W ±5% | 002-108-5-229 |
| R-181 | Resistor, Carbon Film, 10 ohm 1/8W ±5% | 002-108-5-100 |
| R-183 | Resistor, Carbon Film, 4.7 ohm 1/8W ±5% | 002-108-5-479 |
| R-62 | Resistor, Carbon Film, 22 ohm 1/8W ±5% | 002-108-5-220 |
| R-9,63,76,198 | Resistor, Carbon Film, 68 ohm 1/8W ±5% | 002-108-5-680 |
| R-122 | Resistor, Carbon Film, 82 ohm 1/8W ±5% | 002-108-5-820 |
| R-38,51,52,55,108,139,179,186,189,190,415 | Resistor, Carbon Film, 100 ohm 1/8W ±5% | 002-108-5-101 |
| R-61,75,106 | Resistor, Carbon Film, 150 ohm 1/8W ±5% | 002-108-5-151 |
| R-5,25,29,70,143,150,182,187 | Resistor, Carbon Film, 220 ohm 1/8W ±5% | 002-108-5-221 |
| R-180 | Resistor, Carbon Film, 270 ohm 1/8W ±5% | 002-108-5-271 |
| R-3,15,184,209,403 | Resistor, Carbon Film, 330 ohm 1/8W ±5% | 002-108-5-331 |
| R-167 | Resistor, Carbon Film, 390 ohm 1/8W ±5% | 002-108-5-391 |
| R-4,57,67,117 | Resistor, Carbon Film, 470 ohm 1/8W ±5% | 002-108-5-471 |
| R-111,164 | Resistor, Carbon Film, 560 ohm 1/8W ±5% | 002-108-5-561 |
| R-37,94,177,199,401,402,404,405,406,407,408,409,410,411,412,413 | Resistor, Carbon Film, 680 ohm 1/8W ±5% | 002-108-5-681 |
| R-176 | Resistor, Carbon Film, 820 ohm 1/8W ±5% | 002-108-5-821 |
| R-20,24,31,33,36,42,48,56,67,90,92,101,104,107,115,121,137,138,140,144,153,168,170,173,194,195 | Resistor, Carbon Film, 1K ohm 1/8W ±5% | 002-108-5-102 |
| R-205 | Resistor, Carbon Film, 1.2K ohm 1/8W ±5% | 002-108-5-122 |
| R-26,45,64,95,112,130,135,158,165,191 | Resistor, Carbon Film, 1.5K ohm 1/8W ±5% | 002-108-5-152 |
| R-27,69,146,188 | Resistor, Carbon Film, 1.8K ohm 1/8W ±5% | 002-108-5-182 |
| R-41,97,102,103,141,185 | Resistor, Carbon Film, 2.2K ohm 1/8W ±5% | 002-108-5-222 |
| R-7,44,91,207 | Resistor, Carbon Film, 2.7K ohm 1/8W ±5% | 002-108-5-272 |
| R-1,17,30,58,77,88,116,120,134,162,166,197,201 | Resistor, Carbon Film, 3.3K ohm 1/8W ±5% | 002-108-5-332 |
| R-47,109 | Resistor, Carbon Film, 3.9K ohm 1/8W ±5% | 002-108-5-392 |
| R-46,196 | Resistor, Carbon Film, 4.7K ohm 1/8W ±5% | 002-108-5-472 |
| R-18,40,147 | Resistor, Carbon Film, 5.6K ohm 1/8W ±5% | 002-108-5-562 |
| R-100,200,414,416 | Resistor, Carbon Film, 6.8K ohm 1/8W ±5% | 002-108-5-682 |
| R-160 | Resistor, Carbon Film, 8.2K ohm 1/8W ±5% | 002-108-5-822 |
| R-11,12,14,16,19,22,23,32,49,53,66,78,89,93,114,119,123,124,126,131,132,142,145,148,149,152,154,157,161,203 | Resistor, Carbon Film, 10K ohm 1/8W ±5% | 002-108-5-103 |
| R-39,98 | Resistor, Carbon Film, 12K ohm 1/8W ±5% | 002-108-5-123 |
| R-128 | Resistor, Carbon Film, 15K ohm 1/8W ±5% | 002-108-5-153 |

| CIRCUIT SYMBOL | DESCRIPTION | DYNASCAN PART NO. |
|--|--|-------------------|
| INDUCTORS (Continued) | | |
| L-7 | Coil, LA-258 | 060-030-9-012 |
| L-6 | Coil, LA-259 | 060-030-9-013 |
| L-5 | Coil, LA-260 | 060-030-9-014 |
| L-4 | Coil, LA-261 | 060-030-9-015 |
| L-15 | Coil, LA-264 | 060-031-9-001 |
| L-31 | Coil, LA-265 | 060-031-9-002 |
| L-30 | Coil, LA-266 | 060-031-9-003 |
| L-23 | Coil, LA-267 | 060-031-9-004 |
| L-9 | Coil, LA-268 | 060-031-9-005 |
| L-10 | Coil, LA-269 | 060-031-9-006 |
| L-12 | Coil, LA-270 | 060-031-9-007 |
| L-14 | Coil, LA-271 | 060-031-9-008 |
| L-13 | Coil, LA-272 | 060-031-9-009 |
| L-22 | Coil, LA-273 | 060-031-9-010 |
| L-36,38 | Coil, LC-019 | 041-088-9-001 |
| L-401,402 | Coil, LD-013 | 044-043-9-002 |
| L-34 | Coil, LD-071 | 044-043-9-006 |
| L-49,51,52,53,404,405 | Coil, LD-077 | 763-084-9-001 |
| L-40,43 | Coil, LD-087 | 044-048-9-003 |
| L-403 | Coil, LD-089 | 044-048-9-002 |
| L-44 | Coil, LD-096 | 044-053-9-002 |
| L-39,42 | Coil, LD-098 | 044-053-9-003 |
| L-41 | Coil, LD-101 | 044-053-9-004 |
| L-35,37 | Coil, LE-051 | 044-043-9-008 |
| L-11,16,33 | Micro Inductor, LZ-012 100µH | 041-087-9-002 |
| L-17,18,24,25,26,27,28,29,32,50 | Micro Inductor, LZ-012 470µH | 041-088-9-004 |
| T-1 | Choke Coil, TF-147 | 046-023-9-001 |
| SEMI-FIXED & VARIABLE RESISTORS | | |
| VR-9 | Resistor, Semi-Fixed, RV-189, 500 ohm B | 008-342-9-001 |
| VR-3 | Resistor, Semi-Fixed, RV-189, 1K ohm B | 008-334-9-001 |
| VR-5 | Resistor, Semi-Fixed, RV-189, 3K ohm B | 008-323-9-001 |
| VR-8,10 | Resistor, Semi-Fixed, RV-189, 5K ohm B | 008-316-9-004 |
| VR-4,11 | Resistor, Semi-Fixed, RV-189, 10K ohm B | 008-342-9-002 |
| VR-1,2 | Resistor, Semi-Fixed, RV-189, 20K ohm B | 008-316-9-003 |
| VR-6 | Resistor, Semi-Fixed, RV-189, 100K ohm B | 008-316-9-001 |
| VR-402 | Resistor, Variable, RV-139, 20K ohm VOICE LOCK | 008-349-9-001 |
| VR-405 | Resistor, Variable, RV-319, 1K ohm A DYNAMIKE | 008-349-9-002 |
| VR-401,403(S402) | Resistor, Variable, RV-288 DUAL 100K ohm B 10K ohm A SQ/VOL | 008-349-9-003 |
| VR-404,406 | Resistor, Variable, RV-315 DUAL 1K ohm B/5K ohm B, RF GAIN/SWR | 008-347-9-005 |
| FIXED RESISTORS | | |
| R-193 | Resistor, Metal Film, 220 ohm 1W ±10% | 001-001-6-221 |
| R-21,105 | Resistor, Carbon Film, 100 ohm 1/8W ±5% | 002-108-5-101 |
| R-60 | Resistor, Carbon Film, 220 ohm 1/8W ±5% | 002-108-5-221 |
| R-43,59 | Resistor, Carbon Film, 1K ohm 1/8W ±5% | 002-108-5-102 |
| R-74 | Resistor, Carbon Film, 1.5K ohm 1/8W ±5% | 002-108-5-152 |
| R-28,34 | Resistor, Carbon Film, 3.3K ohm 1/8W ±5% | 002-108-5-332 |

| CIRCUIT SYMBOL | DESCRIPTION | DYNASCAN PART NO. |
|--|---|-------------------|
| FIXED RESISTORS (Continued) | | |
| R-2 | Resistor, Carbon Film, 18K ohm 1/8W ±5% | 002-108-5-183 |
| R-50,151,156,163,202 | Resistor, Carbon Film, 22K ohm 1/8W ±5% | 002-108-5-223 |
| R-73,96,99,129 | Resistor, Carbon Film, 33K ohm 1/8W ±5% | 002-108-5-333 |
| R-6,86,118,133,204 | Resistor, Carbon Film, 47K ohm 1/8W ±5% | 002-108-5-473 |
| R-71,125,155 | Resistor, Carbon Film, 56K ohm 1/8W ±5% | 002-108-5-563 |
| R-81,84 | Resistor, Carbon Film, 68K ohm 1/8W ±5% | 002-108-5-683 |
| R-10,79,82,83 | Resistor, Carbon Film, 100K ohm 1/8W ±5% | 002-108-5-104 |
| R-110 | Resistor, Carbon Film, 150K ohm 1/8W ±5% | 002-108-5-154 |
| R-35,54 | Resistor, Carbon Film, 180K ohm 1/8W ±5% | 002-108-5-184 |
| R-80 | Resistor, Carbon Film, 220K ohm 1/8W ±5% | 002-108-5-224 |
| R-206 | Resistor, Carbon Film, 270K ohm 1/8W ±5% | 002-108-5-284 |
| R-13 | Resistor, Carbon Film, 470K ohm 1/8W ±5% | 002-108-5-474 |
| R-85,127 | Resistor, Carbon Film, 1M ohm 1/8W ±5% | 002-108-5-105 |
| CAPACITORS | | |
| C-36,101,184 | Capacitor, Tantalum, 0.1 µF 25V ±20% | 027-035-9-001 |
| C-10,29 | Capacitor, Tantalum, 0.22 µF 16V ±20% | 027-035-9-002 |
| C-90 | Capacitor, Tantalum, 0.47 µF 10V ±20% | 027-038-9-001 |
| C-23,24,25 | Capacitor, Tantalum, 0.47 µF 25V ±20% | 027-038-9-002 |
| C-62,67 | Capacitor, Tantalum, 1 µF 25V ±20% | 027-035-9-003 |
| C-80,81 | Capacitor, Tantalum, 2.2 µF 25V ±20% | 027-031-9-001 |
| C-179 | Capacitor, Tantalum, 22 µF 6.3V ±20% | 027-035-9-004 |
| C-28,103,135 | Capacitor, Electrolytic, 0.47 µF 50V | 022-157-9-001 |
| C-33,144,174 | Capacitor, Electrolytic, 1 µF 50V | 022-157-9-002 |
| C-99 | Capacitor, Electrolytic, 2.2 µF 25V | 022-158-9-002 |
| C-92,180 | Capacitor, Electrolytic, 4.7 µF 25V | 022-157-9-003 |
| C-103,109,133,134,173 | Capacitor, Electrolytic, 10 µF 16V | 022-157-9-004 |
| C-181 | Capacitor, Electrolytic, 10 µF 25V | 022-171-9-001 |
| C-72,73,100 | Capacitor, Electrolytic, 22 µF 10V | 022-163-9-001 |
| C-18,74,153,176 | Capacitor, Electrolytic, 47 µF 10V | 022-180-9-002 |
| C-186 | Capacitor, Electrolytic, 220 µF 10V | 022-171-9-002 |
| C-175 | Capacitor, Electrolytic, 470 µF 16V | 022-076-9-008 |
| C-84 | Capacitor, Electrolytic, 1000 µF 10V | 022-171-9-003 |
| C-172 | Capacitor, Electrolytic, 1000 µF 25V | 022-171-9-004 |
| C-14,70,71,123,178,185 | Capacitor, Mylar, 0.001 µF 50V ±10% | 025-074-9-003 |
| C-69 | Capacitor, Mylar, 0.0022 µF 50V ±10% | 030-041-9-003 |
| C-102 | Capacitor, Mylar, 0.0047 µF 50V ±10% | 025-126-9-001 |
| C-46,82,105,107,78,110 | Capacitor, Mylar, 0.01 µF 50V ±10% | 025-121-9-002 |
| C-21,49,55,58,63,76,182 | Capacitor, Mylar, 0.022 µF 50V ±10% | 025-121-9-003 |
| C-19,20,56,67,60,61,75,83,91,104,136,154 | Capacitor, Mylar, 0.047 µF 50V ±10% | 025-121-9-006 |
| C-77,79,94,95,148,155,177,183,187 | Capacitor, Mylar, 0.1 µF 50V ±10% | 025-121-9-001 |
| C-137,139 | Capacitor, Ceramic, 0.5 pF 50V ±0.25 pF, CH | 020-209-9-001 |
| C-130,145 | Capacitor, Ceramic, 1 pF 50V ±0.25 pF, CH | 020-180-9-001 |
| C-163 | Capacitor, Ceramic, 1.5 pF 50V ±0.25 pF, CH | 020-204-9-001 |
| C-41,47,48 | Capacitor, Ceramic, 2 pF 50V ±0.25 pF, CH | 020-180-9-002 |
| C-38,98 | Capacitor, Ceramic, 4 pF 50V ±0.25 pF, CH | 020-190-9-031 |
| C-25 | Capacitor, Ceramic, 5 pF 50V ±0.5 pF, CH | 020-204-9-003 |
| C-85,116,121,131 | Capacitor, Ceramic, 10 pF 50V ±5%, CH | 020-181-9-009 |
| C-31 | Capacitor, Ceramic, 12 pF 50V ±5%, CH | 020-190-9-033 |
| C-68 | Capacitor, Ceramic, 15 pF 50V ±5%, CH | 020-186-9-001 |
| C-31 | Capacitor, Ceramic, 18 pF 50V ±5%, CH | 020-204-9-004 |
| C-86 | Capacitor, Ceramic, 27 pF 50V ±5%, CH | 020-204-9-005 |

| CIRCUIT SYMBOL | DESCRIPTION | DYNASCAN PART NO. | CIRCUIT SYMBOL | DESCRIPTION | DYNASCAN PART NO. |
|--|---|-------------------|----------------------------------|---|-------------------|
| CAPACITORS (Continued) | | | MISCELLANEOUS (Continued) | | |
| C-1,203 | Capacitor, Ceramic, 33 pF 50V ±5%, CH | 020-204-9-006 | S-401 | Switch, Rotary, SR-209, CH SW | 083-241-9-002 |
| C-26,142 | Capacitor, Ceramic, 39 pF 50V ±5%, CH | 020-204-9-009 | S-403,408 | Switch, Rotary, SR-205, MODE/METER | 083-241-9-001 |
| C-88,89,147,162 | Capacitor, Ceramic, 47 pF 50V ±5%, CH | 020-187-9-009 | S-405 | Switch, Rotary, SW-067, NB/ANL | 084-064-9-002 |
| C-40 | Capacitor, Ceramic, 56 pF 50V ±5%, CH | 020-192-9-001 | S-404,406,407 | Switch, Rotary, SW-056, PA-CB, DIM, TONE | 084-064-9-001 |
| C-127 | Capacitor, Ceramic, 82 pF 50V ±5%, CH | 020-204-9-008 | SP-401 | Speaker, SP-050 | 580-027-9-001 |
| C-141 | Capacitor, Ceramic, 100 pF 50V ±10%, CH | 020-204-9-010 | M-401 | Meter, MT-158 | 320-099-9-001 |
| C-122 | Capacitor, Ceramic, 100 pF 50V ±10%, CH | 020-212-9-001 | J-405 | Jack, Antenna, JK-058 | 562-024-9-001 |
| C-149 | Capacitor, Ceramic, 120 pF 50V ±5%, CH | 020-204-9-011 | J-404 | Jack, Microphone, JK-107 | 772-036-9-001 |
| C-143 | Capacitor, Ceramic, 180 pF 50V ±10%, CH | 020-212-9-002 | J-403 | Jack, DC PWR, JK-052 | 773-092-9-001 |
| C-9 | Capacitor, Ceramic, 82 pF 50V ±5%, CH | 020-205-9-007 | J-401,402 | Jack, PA/EXT SP, JK-089 | 762-020-9-001 |
| C-12,15,17,45 | Capacitor, Ceramic, 100 pF 50V ±10%, CH | 020-205-9-008 | TP-1,3,6,9,10,11 | Terminal, Test Point, TP-019 | 773-086-9-001 |
| C-64,66 | Capacitor, Ceramic, 220 pF 50V ±10%, CH | 020-205-9-008 | TP-7,8 | Terminal, Test Point, TP-027 | 757-028-9-002 |
| C-150,156,161 | Capacitor, Ceramic, 330 pF 50V ±10%, CH | 020-204-9-013 | TP-2,4 | Terminal, Test Point, TP-020 | 757-032-9-002 |
| C-146 | Capacitor, Ceramic, 390 pF 50V ±10%, UJ | 020-204-9-014 | | Fuse, FS-012 4Amp | 194-005-9-001 |
| C-152 | Capacitor, Ceramic, 470 pF 50V ±10%, UJ | 020-204-9-015 | | Insulator, YD-040, MB3756 | 342-046-9-001 |
| C-115 | Capacitor, Ceramic, 220 pF 50V ±10%, SL | 020-180-9-019 | | Insulator, YD-039, TA7222P | 342-046-9-002 |
| C-117 | Capacitor, Ceramic, 470 pF 50V ±10%, SL | 020-212-9-003 | | Insulator, YD-027 2SC1419, 2SC1306 | 345-050-9-002 |
| C-5,8,11,30,32,34,35,37,39,42,43,44,65,170,402,403,404,405,406,407 | Capacitor, Ceramic, 0.001 μF 50V ±20%, YD | 020-204-9-017 | | Bushing, YY-036 2SC1419, 2SC1306, 2SC1969 | 342-039-9-001 |
| C-132,138,140,151,157,158,159,160,165,166,167,168,169,171,193,196,200 | Capacitor, Ceramic, 0.0047 μF 50V ±20%, YD | 020-204-9-018 | | Wire Clamper, YY-047 | 759-084-9-001 |
| C-93,96,97,106,111,112,113,114,118,119,120,126,129,164,198,199,201,202,409 | Capacitor, Ceramic, 0.01 μF 50V ±20%, YD | 020-204-9-019 | | Cord, Speaker, JK-082-003 | 380-278-9-001 |
| C-2,3,4,6,7,13,16,22,27,50,51,52,53,54,87,124,194,197,204,401 | Capacitor, Ceramic, 0.022 μF 50V ±80% -20% | 020-204-9-020 | | Cord, DC Power, W-070234 | 426-045-9-001 |
| C-188 | Capacitor, Ceramic, 0.047 μF 50V ±80% -20% | 020-190-9-011 | | Cable, Flat, WF-005 | 426-045-9-002 |
| C-192,195 | Capacitor, Ceramic, 0.1 μF 50V ±80% -20% | 020-204-9-022 | | Cable, Flat, WF-109 | 426-045-9-003 |
| CC-1 | Capacitor Array, HA-003 | 527-077-9-002 | | Chassis, Main | |
| CT-1,2 | Capacitor, Trimmer, CV-028, 20 pF | 028-051-9-001 | | Case, Top | 272-134-9-001 |
| CRYSTALS | | | | Case, Bottom | 272-134-9-002 |
| X-2 | Crystal, QX-077, 10.24 MHz | 133-014-9-001 | | Case, Holder | 272-134-9-003 |
| X-4 | Crystal, QX-092, 7.800 MHz | 135-026-9-001 | | Bracket, Mounting | 251-356-9-001 |
| X-1 | Crystal, QX-093, 7.345 MHz | 135-026-9-002 | | Holder, Main PCB | 251-356-9-002 |
| X-3 | Crystal, QX-086, 11.3258 MHz | 135-026-9-003 | | Chassis, Front | 258-023-9-001 |
| MISCELLANEOUS | | | | Angle, Switch | 251-227-9-001 |
| | Printed Circuit Board, PC-409AA, Main | | | Terminal, Grounding, DC PWR | 763-107-9-001 |
| | Printed Circuit Board, PC-416AA, CH SW | | | Hanger, Microphone | 741-074-9-001 |
| | Printed Circuit Board, PC-426BA, LED | | | Panel, Front | 255-173-9-001 |
| | Printed Circuit Board, PC-389AA, MIKE | | | Knob, Channel | 751-151-9-001 |
| FT-1 | Filter, Ceramic, FL-050 | 143-005-9-002 | | Knob | 751-095-9-002 |
| FT-2 | Filter, Crystal, FL-046 | 143-006-9-002 | | Knob, Inner Concentric | 271-059-9-001 |
| FT-3 | Filter, Crystal, FL-067 | 143-010-9-001 | | Knob, Outer Concentric | 751-147-9-002 |
| | | | | Channel Display Window | 380-304-9-001 |
| | | | | Channel Display Holder | 753-009-9-002 |
| | | | | Cap, Rubber, LED | 381-085-9-001 |
| | | | | Screw for Mounting Bracket | 634-104-9-001 |
| | | | | Bushing, Polyethylene | 381-074-9-001 |
| | | | | Holder, Polyethylene, Meter | 251-355-9-002 |
| | | | | Washer, Rubber, Mounting Bracket | 347-074-9-003 |
| | | | | Protection Cover, Chassis | 763-113-9-001 |
| | | | | Washer, Felt, Knobs | 347-074-9-002 |
| | | | | Wool Coated Paper, Case | 769-086-9-001 |
| | | | | Label, Serial No | 483-338-9-001 |
| | | | | Label, Warning | 484-035-9-001 |
| | | | | Plate, Front | 260-164-9-001 |
| | | | | FCC Name Plate | |

| CIRCUIT SYMBOL | DESCRIPTION | DYNASCAN PART NO. |
|----------------------------------|----------------------------------|-------------------|
| MISCELLANEOUS (Continued) | | |
| | Screw, Pan Head 3 x 6 Metric | 634-051-9-001 |
| | Screw, Flat Head 3 x 8 Metric | 634-088-9-002 |
| | Screw, Bind Head 2 x 5 Metric | 634-089-9-001 |
| | Screw, Bind Head 2.6 x 5 Metric | 634-067-9-003 |
| | Screw, Bind Head 2.6 x 6 Metric | 634-099-9-002 |
| | Screw, Bind Head 2.6 x 10 Metric | 634-088-9-004 |
| | Screw, Bind Head 3 x 6 Metric | 634-053-9-001 |
| | Screw, Bind Head 3 x 8 Metric | 634-067-9-001 |
| | Screw, Round Head 3.5 x 8 Metric | 710-020-9-001 |
| | Screw, Round Head 5 x 10 Metric | 710-017-9-001 |
| | Screw, Bind Head 3 x 6 Metric | 710-021-9-003 |
| | Screw, Bind Head 3 x 8 Metric | 710-036-9-002 |
| | Nut, Hex 2.6 Metric | 653-030-9-001 |
| | Nut, Hex 3 Metric | 634-024-9-001 |
| | Nut, Flange 3 Metric | 653-026-9-002 |
| | Washer, Spring 2.6 Metric | 731-049-9-002 |
| | Washer, Lock, 3.5 Metric | 731-041-9-001 |
| | Washer, Star, 5 Metric | 731-041-9-002 |
| | Terminal, Solder Lug, 3 Metric | |
| | Spring Knob | 763-084-9-003 |
| | Spring Knob | 763-085-9-005 |
| | Spring Knob | 763-084-9-004 |
| | Ribet, FCC Plate | |
| | Self Lock Inserter | 763-113-9-002 |
| | Styrofoam, Packing Pad | 503-141-9-001 |
| | Styrofoam, Packing Pad | 503-141-9-002 |
| | Display Box | 500-380-9-001 |
| | Shipping Carton Box | 500-380-9-002 |
| | Instruction Manual | 480-234-9-001 |
| | Circuit Diagram/Bill of Material | 499-140-9-001 |
| | Warranty Card | |
| | Service Station Card | |
| | FCC Form 505 | |
| | FCC Form 555-B | |
| | FCC Rules Part 95 | |