

BILL OF MATERIAL FOR COBRA 29XLR

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
IC-1	IC, TRANSISTORS, & DIODES	
IC-2	Integrated Circuit µPC1156H	307-112-9-001
IC-3	Integrated Circuit µPC952	307-113-9-004
IC-4	Integrated Circuit µPC952	307-113-9-004
IC-5	Integrated Circuit M684011U	307-113-9-001
IC-6	Integrated Circuit UHC004	307-113-9-002
IC-7	Integrated Circuit NJM78L05A	307-113-9-003
IC-7	Integrated Circuit µPC577H	307-115-9-001
TR-2, 12	FET 2SK55-D	182-045-9-001
TR-9	FET 3SK45-B	182-038-9-001
TR-18	FET 3SK45-B09	182-042-9-001
TR-1	Transistor 2SC1342-B	176-074-9-001
TR-3, 4, 5, 10, 19	Transistor 2SC460-B	176-072-9-005
TR-6	Transistor 2SC2092	176-074-9-002
TR-7	Transistor 2SC2091	176-074-9-002
TR-8	Transistor 2SC2076-CB	176-060-9-004
TR-11, 12, 13, 14, 16, 17, 21, 26, 28	Transistor 2SA844-C	176-048-9-002
TR-15, 27	Transistor 2SA073-C	177-025-9-002
TR-20	Transistor 2SD467-C	176-074-9-004
TR-25	Transistor 2SC1364-G	176-064-9-001
TR-23		
D-1, 2, 3, 7, 10, 14, 16, 24, 26, 27	Diode 1S2473 (D type Forming)	151-035-9-001
D-4, 5, 8, 9, 26, 22	Diode 1N60AM (D type Forming)	150-013-9-001
D-6, 12, 13	Diode 1S2473K (D type Forming)	151-060-9-001
D-11, 19	Diode SRIK-1	151-040-9-003
D-17, 18	Zener Diode CZ-092	152-081-9-001
D-15	VariCap 1S2339-G(D type Forming)	029-016-9-001
D-301	Light Emitting Diode TLR-321	158-014-9-001
D-302	Light Emitting Diode LR0702R	158-015-9-001

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
R-35, 72, 73, 92	Carbon Resistor 4.7K	002-108-5-472
R-104, 136, 154	Carbon Resistor 5.6K	002-108-5-562
R-126	Carbon Resistor 6.8K	002-108-5-682
R-17, 60, 69, 95, 97, 129, 84, 106, 114, 105, 89, 123, 124	Carbon Resistor 10K	002-108-5-103
R-96, 94	Carbon Resistor 15K	002-108-5-153
R-21, 28, 108, 125, 156	Carbon Resistor 22K	002-108-5-223
R-40, 54, 93, 135	Carbon Resistor 27K	002-108-5-273
R-71	Carbon Resistor 33K	002-108-5-333
R-23	Carbon Resistor 47K	002-108-5-473
R-55	Carbon Resistor 56K	002-108-5-563
R-24, 26, 56, 53, 75, 107, 109, 132, 102, 155	Carbon Resistor 68K	002-108-5-104
R-66	Carbon Resistor 150K	002-108-5-154
R-86, 122	Carbon Resistor 180K	002-108-5-184
R-22, 70	Carbon Resistor 220K	002-108-5-224
R-67, 27	Carbon Resistor 330K	002-108-5-334
R-68, 153	Carbon Resistor 470K	002-108-5-474
R-97, 153	Carbon Resistor 1.5M	002-108-5-155
R-303	Carbon Resistor 2.2M	002-108-5-156
R-120	Carbon Resistor 47 ohm	002-102-5-470
R-140	Carbon Resistor 100 ohm	002-102-5-101
	Carbon Resistor 120 ohm	002-102-5-121

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
C-137, 138	Tantalum Capacitor 2.2µ M 16V	027-023-9-001
C-112	Electrolytic Capacitor 0.47µ 50V	022-122-9-016
C-27, 163	Electrolytic Capacitor 1µ 50V	022-144-9-001
C-165, 97, 110, 16	Electrolytic Capacitor 2.2µ 25V	022-153-9-001
C-15	Electrolytic Capacitor 4.7µ 25V	022-122-9-003
C-24, 42, 88, 118, 123, 127	Electrolytic Capacitor 10µ 16V	022-142-9-001
C-98, 101, 117	Electrolytic Capacitor 33µ 16V	022-144-9-004
C-49	Electrolytic Capacitor 47µ 16V	022-155-9-001
C-169, 158	Electrolytic Capacitor 100µ 16V	022-099-9-005
C-105, 106, 147	Electrolytic Capacitor 100µ 25V	022-155-9-008
C-142, 144	Electrolytic Capacitor 220µ 16V	022-122-9-008
C-9, 11, 113, 120	Electrolytic Capacitor 470µ 6.3V	022-099-9-004
C-140, 95	Aluminum Capacitor 0.1µ 25V	022-026-9-001
C-89, 80	Aluminum Capacitor 0.2µ 25V	022-026-9-002
C-96	Mylar Capacitor 0.001µ 50V K	025-074-9-003
C-116, 104, 141, 146	Mylar Capacitor 0.022µ 50V K	025-087-9-001
C-100, 102, 22	Mylar Capacitor 0.059µ 50V K	025-071-9-002
C-5	Mylar Capacitor 0.068µ 50V K	025-099-9-001
C-18	Ceramic Capacitor 1.5P 50V C CH	020-178-9-001
C-132	Ceramic Capacitor 2P 50V C RH	020-178-9-003
C-134	Ceramic Capacitor 3P 50V C RH	020-178-9-005
C-2	Ceramic Capacitor 15P 50V J RH	020-178-9-006

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
SP-301	Speaker SP-003	580-013-9-001
M-301	Meter MT-098	320-087-9-001
J-401	M Type Connector JK-035	773-080-9-001
J-303, 304	Jack JK-010	772-038-9-001
J-312	Jack JK-073	772-025-9-001
J-306	Jack JK-052	772-038-9-002
	Terminal TP-025	757-020-9-001
	Fuse FS-001 2A	191-251-9-001
	Wire Clamp YY-047	380-278-9-001
FC-1	Flat Cable WD-07	426-022-9-001
	DC Cord WD070088	427-022-9-001
	Insulation Board YD-032	345-060-9-001
	Microphone MK-025	945-060-9-001
	Insulation Board YD-033	345-060-9-002
	Insulation Board YD-034	345-060-9-002
	Shaker Jack JK-082	773-038-9-003
	Flange	257-088-9-001
	Flange	258-017-9-001
	Upper Case Cover	253-056-9-001
	Lower Case Cover	253-056-9-002
	Mounting Bracket	251-204-9-001
	Switch Angle	251-200-9-001
	Meter Holder	251-201-9-001
	Heat Sink, Integrated Circuit	747-051-9-001
	Heat Sink, Integrated Circuit	747-051-9-002
	Shield Board	753-082-9-001
	Conduct Plate	255-150-9-001
	Front Panel	751-148-9-001
	Channel Knob	762-020-9-002
	LED (Gery) SOCKET	762-020-9-003
	LED (ABS) SOCKET	751-148-9-001
	Knob, Dimmer	280-291-9-001
	FED Cap	800-033-9-001
	FCC Plate	483-283-9-001
	FCC Plate	483-279-9-001
	Warning Label	483-048-9-001
	Transmitter Card	483-283-9-002
	Serial No. Label	483-283-9-003
	Production No. Label	634-081-9-001
	Screw for Mounting Bracket	347-071-9-001
	Rubber Washer, Mounting Bracket	347-071-9-002
	Rubber Washer, Speaker	502-099-9-001
	Meter Cushion	483-283-9-004
	Wool Tag	

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
L-12	Coil LC018	041-056-9-003
L-1	Coil LC-020	044-028-9-005
L-13	Coil LD-012	044-028-9-003
L-9	Coil LD-073	044-042-9-002
L-303, 305, 307, 309	Coil LD-046	044-044-9-001
L-23	Micro Inductor LZ-002 1.5µ	041-090-9-001
L-19	Micro Inductor LZ-001 33µ	041-090-9-002
L-22	Micro Inductor LZ-001 100µ	041-062-9-002
L-301, 302	Beads, Core LD-072	044-042-9-001
L-14, 25	Beads, Core LD-075	763-081-9-001
L-303, 305, 307, 309	Beads, Core LD-077	763-084-9-001
T-2	Choke Transformer TF-017	044-028-9-006
T-1	Output Transformer TF-107	061-031-9-001

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
VR-5	Semi-Fixed Resistor RV-133 5KΩ	008-308-9-004
VR-4	Semi-Fixed Resistor RV-133 10KΩ	008-311-9-001
VR-1	Semi-Fixed Resistor RV-133 20KΩ	008-308-9-005
VR-2, 3	Variable Resistor RV-133 20KΩ	008-308-9-001
VR-305	Variable Resistor RV-106 20KΩ	008-311-9-003
VR-304	Variable Resistor RV-175 50KΩ	008-311-9-004
VR-303	Variable Resistor RV-181 10KΩ	008-311-9-005
VR-306	Variable Resistor RV-191 10KΩ	008-308-9-002
VR-301	Variable Resistor RV-197 50KΩ	008-308-9-003

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
R-77	Metalized Resistor 2.2 ohm 1W K	013-011-9-001
R-76	Metalized Resistor 22 ohm 1W K	013-011-9-002
R-131	Metalized Resistor 68 ohm 2W K	013-019-001
R-127	Metalized Resistor 200 ohm 2W K	013-019-002
R-43	Carbon Resistor 2.2 ohm 1/8W J (Forming type)	002-108-5-229
R-15, 119, 44, 42	Carbon Resistor 10 ohm 1/8W J (Forming type)	002-108-5-470
R-47, 49	Carbon Resistor 47 ohm 1/8W J (Forming type)	002-108-5-470
R-126	Carbon Resistor 82 ohm 1/8W J (Forming type)	002-108-5-820
R-38	Carbon Resistor 100 ohm 1/8W J (Forming type)	002-108-5-101
R-16, 45, 74, 51, 152, 151, 157	Carbon Resistor 220 ohm 1/8W J (Forming type)	002-108-5-221
R-5, 6, 11, 19, 52	Carbon Resistor 320 ohm 1/8W J (Forming type)	002-108-5-321
R-20, 304	Carbon Resistor 330 ohm 1/8W J (Forming type)	002-108-5-331
R-7, 94, 17	Carbon Resistor 680 ohm 1/8W J (Forming type)	002-108-5-681
R-3, 4, 103	Carbon Resistor 820 ohm 1/8W J (Forming type)	002-108-5-821
R-139	Carbon Resistor 1.8K	002-108-5-182
R-1, 14, 58, 69, 61, 90, 91, 130, 136	Carbon Resistor 1K	002-108-5-102
R-12, 118	Carbon Resistor 1.5K	002-108-5-152
R-7, 98, 29, 65, 115, 121	Carbon Resistor 2.2K	002-108-5-222
R-48	Carbon Resistor 2.7K	002-108-5-272
R-2, 9, 13, 18, 88, 110, 57, 85	Carbon Resistor 3.3K	002-108-5-332

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
C-171	Ceramic Capacitor 27P 50V J RH	020-178-9-003
C-129	Ceramic Capacitor 47P 50V J RH	020-178-9-004
C-15	Ceramic Capacitor 56P 50V J RH	020-176-9-001
C-7	Ceramic Capacitor 100P 50V J RH	020-178-9-005
C-66	Ceramic Capacitor 330P 50V J RH	020-178-9-006
C-11	Ceramic Capacitor 5P 90V C SL	020-178-9-007
C-115, 303	Ceramic Capacitor 33P 50V J SL	020-178-9-008
C-103	Ceramic Capacitor 68P 50V J SL	020-178-9-009
C-53, 91, 92, 179	Ceramic Capacitor 100P 50V J SL	020-178-9-010
C-151, 180	Ceramic Capacitor 150P 50V J SL	020-178-9-011
C-301, 58	Ceramic Capacitor 180P 50V J SL	020-178-9-012
C-57, 99	Ceramic Capacitor 220P 50V J SL	020-178-9-013
C-60, 114	Ceramic Capacitor 300P 50V J SL	020-178-9-014
C-150, 148	Ceramic Capacitor 330P 50V J SL	020-178-9-015
C-40, 73, 131, 87, 122, 126, 401, 149, 86, 177, 181, 182, 183	Ceramic Capacitor 0.001µ 25V Z YB	020-178-9-017
C-29, 70, 51, 121, 125, 26, 28	Ceramic Capacitor 0.0047µ 25V Z YB	020-178-9-018
C-1, 3, 4, 6, 8, 9, 10, 21, 30, 34, 35, 62, 64, 68, 71, 74, 77, 86, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 124, 145, 152, 164, 143, 139, 133, 136, 164, 63, 154, 157, 167, 160, 161, 79, 80, 81, 82, 83, 84, 402, 403, 404, 135, 172, 173, 174, 175, 176, 178, 184, 304, 44	Ceramic Capacitor 0.02µ 25V Z YG	020-178-9-020
C-7, 59, 67	Ceramic Capacitor 0.039µ 25V Z YG	020-178-9-021
C-13, 20, 23, 14, 52, 61, 75, 85, 12, 78	Ceramic Capacitor 0.047µ 25V Z YG	020-178-9-022
C-302	Ceramic Capacitor 15P 50V C RH	020-178-9-023
C-153	Trimmer Condenser CV-024 40P	028-046-9-001
VC-1, 2	Compound Parts HA-003	527-076-9-001
RR-301, 302	Compound Parts HA-008	527-076-9-002
RR-1	Compound Parts HA-006	527-076-9-001

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
XC-1	Crystal OX-077	133-014-9-001
X-1	Crystal OX-078	133-014-9-002
X-3	Crystal OX-079	133-014-9-003

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
XF-1	Ceramic Filter FL-047	140-018-9-001
S-306	Ceramic Filter FL-049	140-018-9-002
S-304, 307	Rotary Switch SR-155	863-220-9-001
S-303, 301	Slide Switch SW-048	894-055-9-001
	Slide Switch SW-049	894-058-9-001

CIRCUIT SYMBOL NO.	DESCRIPTION	DYNASCAN PART NO.
345-050-9-004	Insulation Board	
710-031-9-001	Blind Tap T-011 3 x 6 ZMC	
634-069-9-002	Blind Screw M2 x 4 NI PBH NPL Mach. Screw	
634-083-9-001	Blind Screw M2.6 x 4 NI PBH NPL Mach. Screw	
634-053-9-001	Blind Screw M3 x 6 NI PBH NPL Mach. Screw	
634-067-9-001	Blind Screw M3 x 8 NI PBH NPL Mach. Screw	
634-081-9-002	Blind Screw M3 x 4 PBH Mach. Screw	
710-021-9-001	Tapping + 3.5 x 8 ZMC PBH SM Chromated (Type BT)	
634-081-9-001	Nut M3 with Celede ZMC Hex	
653-026-9-002	+Blind Screw M3 x 6 NI (for Front Panel)	
731-041-9-001	Rugged Washer (A), Mike Hanger	
731-041-9-001	Rugged Washer (B), Mounting Bracket	
502-100-9-001	Poly Bag for Transceiver	
502-100-9-002	Poly Bag for Accessories	
502-100-9		