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Cobra 142GTL Parts List

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BILL OF MATERIAL FOR COBRA 142GTL

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
	SEMICONDUCTOR	RS	
IC-1 IC-2 IC-3 IC-4 IC-5 IC-6	Integrated Circuit, Integrated Circuit, Integrated Circuit, Integrated Circuit, Integrated Circuit, Integrated Circuit,	UHIC-007 MB8719 AN612 TA7222P MB3756 SO42P	307-128-9-002 307-143-9-002 307-143-9-003 307-133-9-005
FET-1	Field Effect Transistor	, 25K19-BL	182-037-9-001
TR-7,14,30,31,45 TR-36 TR-4,5,8,11,13,15,20,27, 28,29,32,33,35,37,44, 301	Transistor, Transistor, Transistor,	2SA733-P 2SC458-C 2SC945A-Q	176-048-9-002
TR-39 TR-34,302 TR-9,17,18 TR-1,2,6,10,12,19,21,22, 23,24,25,42	Transistor, Transistor, Transistor, Transistor,	2SC1306 2SC1419-C 2SC1674-L 2SC1675-L	176-055-9-004 176-081-9-002
TR-3,16 TR-40 TR-41 TR-38 TR-401	Transistor, Transistor, Transistor, Transistor, Transistor,	2SC1730-L 2SC496-O 2SC1969-B 2SC1973 2SD188-M	176-087-9-001 176-087-9-002 176-073-9-003
D-3,4,5,6,7,8,10,11,12,15, 16,17,18,19,20,23,24, 25,26,27,28,29,30,31, 32,33,34,35,36,38,39, 40,41,43,44,48,49,406	Diode,	1S1588	151-051-9-001
D-1,2,9,21,22,42 D-51,52,53 D-13,14 D-60,407 D-301 D-302 D-402 D-405 D-401 D-46 D-47 D-37 D-408	Diode, Diode, Diode, Diode Diode, Zener, Diode, Zener, Diode, L.E.D., Diode, L.E.D., Diode, L.E.D., Diode, Varister, Diode, Varister, Diode, Varicap, Diode,	1N60 1N60P MC301 SR1K-2 WZ-061 BZ-162 TLR103 TLG103 TLR321 MV-1Y MV-13YH 1S2687D S5VB-10	150-006-7-001 151-072-9-001 151-045-9-001 152-052-9-002 152-057-9-001 158-022-9-002 158-014-9-001 004-175-9-001 153-011-9-001
	INDUCTORS		
L-1 L-27 L-2 L-14 L-13 L-19	Coil, Coil, Coil, Coil, Coil,	LA-038 LA-160 LA-179 LA-195 LA-216 LA-217	. 060-025-9-008 . 060-025-9-010 . 060-030-9-001 . 060-030-9-002

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.	
	INDUCTORS (Continued)			
L-20 L-26 L-28 L-17 L-29 L-3 L-18 L-6 L-7 L-8 L-9 L-10 L-5	Coil,	LA-218 LA-219 LA-220 LA-223 LA-254 LA-255 LA-256 LA-256 LA-257 LA-258 LA-259 LA-260 LA-261 LA-262	. 060-030-9-005 . 060-030-9-006 . 060-030-9-007 . 060-030-9-008 . 060-030-9-010 . 060-030-9-011 . 060-030-9-012 . 060-030-9-013 . 060-030-9-014 . 060-030-9-015	
L-4 L-36,39 L-401,402 L-31,34 L-30 L-33,35 L-32 L-40 L-50,51,52 L-403 L-37,38 L-12,25 L-11,15,16,21,22,23,24	Coil, Micro Inductor,	LA-263 LC-019 LD-013 LD-087 LD-096 LD-098 LD-101 LD-071 LD-077 LD-089 LE-051 LZ-012, 100μH LZ-012, 470μH	- 060-030-9-017 - 041-088-9-001 - 044-043-9-002 - 044-053-9-002 - 044-053-9-003 - 014-053-9-004 - 044-043-9-006 - 763-084-9-001 - 044-048-9-002 - 044-043-9-008 - 041-087-9-002	
T-401	Power Transformer,	TF-143		
	SEMI-FIXED & VA	RIABLE RESISTORS		
VR-8 VR-6,9 VR-1,5,7 VR-10,12 RT-301 VR-2 VR-3	Resistor, Semi-Fixed, Resistor, Semi-Fixed, Resistor, Semi-Fixed, Resistor, Semi-Fixed, Resistor, Semi-Fixed, Resistor, Semi-Fixed,	RV-189 5K ohm B	. 008-316-9-004 . 008-342-9-002 . 008-316-9-001 . 008-346-9-001 . 008-334-9-001	
VR-405 VR-402 VR-404,406 VR-401 VR-403,S402	Resistor, Variable,	RV-036 10K ohm A	. 008-346-9-003 B 008-346-9-004 . 008-346-9-005	
R-112 R-185 R-162 R-305 R-403 R-423 R-424 R-150	Resistor, Metal Film, Resistor, Metal Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	100 ohm 1W ±10%	. 002-001-6-101 . 001-001-6-221 . 002-102-5-220 . 002-102-5-221 . 002-102-5-102 . 002-102-5-103 . 002-102-5-225 . 002-104-5-271	

CIRCUIT SYMBOL	DESCRIPTION			DYNASCAN PART NO.
	FIXED RESISTORS	S (Continued)		
R-81 R-184 R-301,302 R-304 R-17,19,33,113,121,122,	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	100 ohm 1/8W 150 ohm 1/8W 330 ohm 1/8W 470 ohm 1/8W 1K ohm 1/8W	±5% ±5% ±5%	002-108-5-101 002-108-5-151 002-108-5-331 002-108-5-471 002-108-5-102
303,421,422 R-47,49,146 R-419 R-416	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	1.8K ohm 1/8W	±5% ±5%	002-108-5-152 002-108-5-182 002-108-5-222
R-417 R-415 R-115 R-52,57,86,180	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	3.3K ohm 1/8W	±5% ±5% ±5%	002-108-5-272 002-108-5-332 002-108-5-682 002-108-5-103
R-27 R-67 R-55 R-153	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,		±5%	002-108-5-472 002-108-5-474 002-108-5-229 002-108-5-479
R-163 R-8,21,61,119 R-23,42,43,46,83,127,149, 156,157,158,159	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	10 ohm 1/8W 68 ohm 1/8W 100 ohm 1/8W	±5% ±5%	002-108-5-100 002-108-5-680 002-108-5-101
R-7,61 R-4,53,56,106,129,152 R-14,151,155,179,182 R-3,54	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	150 ohm 1/8W 220 ohm 1/8W 330 ohm 1/8W 470 ohm 1/8W	±5% ±5% ±5%	002-108-5-151 002-108-5-221 002-108-5-331 002-108-5-471
R-85,176,194 R-26,118,161 R-160 R-30,32,35,39,80,88,91, 93,107,114,126,128,	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	560 ohm 1/8W 680 ohm 1/8W 820 ohm 1/8W 1K ohm 1/8W	±5% ±5%	002-108-5-581 002-108-5-681 002-108-5-821 002-108-5-102
132,144,145,186 R-178 R-48,60,71,105,125 R-135,401,402,404,405,	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	1.5K ohm 1/8W	±5%	002-108-5-122 002-108-5-152 002-108-5-182
406,407,408,409,410, 411,412,413 R-34,36,77,78,79,110, 131,154	Resistor, Carbon Film,			002-108-5-222
R-6,72,192 R-2,16,18,25,31,50,58, 68,89,97,98,117,120, 124,189,199	Resistor, Carbon Film, Resistor, Carbon Film,	3.3K ohm 1/8W	±5%	002-108-5-272 002-108-5-332
R-38,177 R-20,37,111,123 R-136 R-75	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	4.7K ohm 1/8W 5.6K ohm 1/8W	±5% ±5%	002-108-5-392 002-108-5-472 002-108-5-562 002-108-5-682
R-141 R-11,12,13,15,29,40,44, 94,95,99,104,109,130, 133,134,137,140,143, 181,193	Resistor, Carbon Film, Resistor, Carbon Film,	8.2K ohm 1/8W 10K ohm 1/8W	±5% ±5%	002-108-5-822 002-108-5-103
R-24,74 R-90,102 R-1,142 R-108,116,147,187,87	Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film, Resistor, Carbon Film,	18K ohm 1/8W	±5% ±5%	002-108-5-122 002-108-5-153 002-108-5-183 002-108-5-223

±5%
±5% 002-108-5-473 ±5% 002-108-5-683
±5% 002-108-5-473 ±5% 002-108-5-683
±5% 002-108-5-104 ±5% 002-108-5-154 ±5% 002-108-5-184 ±5% 002-108-5-274 ±5% 002-108-5-334 ±5% 002-108-5-474 ±5% 002-108-5-105 ±5% 002-108-5-185
28
±0.25pF CH 020-180-9-003 ±0.25pF CH 020-190-9-031 ±0.5pF CH 020-204-9-003 ±5% CH 020-181-9-009 ±5% CH 020-190-9-033 ±5% CH 020-186-9-001

CIRCUIT SYMBOL	DESCRIPTION					DYNASCAN PART NO.
	CAPACITORS (Continued)					
C-64,104 C-57 C-43,175 C-144 C-69,70,158,195 C-171 C-8 C-102,143 C-10 C-163 C-145 C-81 C-149,159,174 C-148 C-151 C-170	Capacitor, Ceramic,	18pF 27pF 33pF 39pF 47pF 56pF 82pF 100pF 120pF 180pF 270pF 330pF 390pF 470pF	50V 50V 50V 50V 50V 50V 50V 50V 50V 50V	±5% ±5% ±5% ±5% ±5% ±5% ±10% ±10% ±10% ±10% ±10% ±10%	CH CH CH CH CH CH RH RH UJ UJ UJ UJ UJ	020-204-9-004 020-104-9-005 020-204-9-006 020-204-9-009 020-187-9-009 020-192-9-001 020-211-9-001 020-190-9-034 020-204-9-010 020-181-9-006 020-204-9-011 020-204-9-012 020-204-9-013 020-177-9-016 020-175-9-006 020-180-9-016
C-127	Capacitor, Ceramic,	220pF	50V	±10%	SL	020-1 80 -9-019
C-128 C-3,6,9,30,31,32,34,39, 40,41,98,101,165,172, 192,403,404,405,406, 407,408,409,410,411, 415,416,417	Capacitor, Ceramic, Capacitor, Ceramic,	470pF 0.001μF	50V 50V	±10% ±20%	SL YD	020-205-9-009 020-204-9-017
C-33,35,37,141,152,154, 155,156,157,173,184, 187,188,202,203,204, 401,402	Capacitor, Ceramic,	0.0047μF	50V	±20% _.	YD	020-204-9-018
C-48,60,67,74,75,77,78, 94,95,99,100,103,106, 122,123,124,125,129, 130,131,181,189,308, 310,412,413,196	Capacitor, Ceramic,	0.01μF	50V	±20%	YD	020-204-9-019
C-1,2,4,5,11,12,14,18,20, 45,46,47,49,50,51,52, 54,56,68,87,167,206, 208	Capacitor, Ceramic,	0.022μF	50V	+80% -20%	YF	020-204-9-020
C-421 C-207,414	Capacitor, Ceramic, Capacitor, Ceramic,	0.047μF 0.1μF	50V 50V	+80% -20% +80% -20%		020-204-9-021 020-204-9-022
CC-1	Capacitor Array,	HA-003				527-077-9-002
	CRYSTALS					
X-1 X-4 X-3 X-2	Crystal QX-094, 11. Crystal QX-083, 7.	.1125 MHz .7975 MHz				133-014-9-001 133-019-9-001 133-019-9-002 133-019-9-003
	MISCELLANEOUS	3				
	Printed Circuit Board, Printed Circuit Board, Printed Circuit Board, Printed Circuit Board, Printed Circuit Board,	Main, PC-3 Channel Sv LED, Power, Mic Jack,		PC-395/ PC-396/ PC-0068		

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	MISCELLANEOUS (Continued)	
FT-1 FT-2 S-403 S-401 S-405-1,2 S-408 S-404 S-409 SP-401 M-401 M-402	Printed Circuit Board, PA EXT SP Jack, PC-401AA Printed Circuit Board, Slide Switch, PC-402AA Crystal Filter, FL-065 Crystal Filter, FL-046 Rotary Switch, SR-205, Mode Switch Rotary Switch, SR-209, Channel Switch Slide Switch, SW-116, ANL/NB Slide Switch, SW-116, SWR/CAL/MOD Slide Switch, SW-117, PA/CB Slide Switch, SW-099, AC/DC Speaker, SP-014 Meter, MT-121, S/RF, PWR Meter, MT-137, MOD, SWR	143-008-9-001 143-006-9-002 083-241-9-001 083-241-9-002 084-065-9-001 084-065-9-002 084-065-9-002 084-065-9-003 580-025-9-001 320-097-9-001
MIC J-405 J-404	Microphone, MK-091 Connector, JK-068 Antenna Jack, Microphone, JK-107	562-024-9-001 772-036-9-001 773-092-9-001
J-403 J-401,402	Connector, JK-052, DC PWR	772-025-9-001 749-097-9-001
TP-1,3,6,9,10 TP-2,4,11 TP-7,8	Terminal, Test Point, TP-019 Terminal, Test Point, TP-020 Terminal, Test Point, TP-027 Fuse Holder, FH-002 Fuse FS-012, 4A	757-028-9-001 757-032-9-002 742-035-9-001 194-005-9-001
PL-401,402 S-1 B-1	Fuse FS-010, 4A Pilot Lamp, PL-068-012 14V/50mA Insulation Plate, YD-003-002 Insulation Bushing, YD-004-001 Insulation Plate, YD-040	400-056-9-001 350-006-9-002 350-006-9-001
	Insulation Plate, YD-033 Insulation Plate, YY-027 Insulation Bushing, YY-036 Wire Clamper, YY-047 Insulation Plate, YD-039 Wire Clamper, YY-049	345-050-9-002 342-039-9-001 759-084-9-001 380-278-9-001 350-007-9-001 380-284-9-002
	Wire Connector, YY-008 Wire Clamper, YY-023 Bushing, Snap-in, YY-024 Bushing, Snap-in, YY-025 DC Power Cord, W-070273 AC Power Cord, WZ-022	380-309-9-001 380-280-9-001 380-280-9-002 426-042-9-001
	Chassis Rear Panel Cover, Top Cover, Bottom Switch Holder Panel Holder (R) Panel Holder (L) Heat Sink Heat Sink Pilot Lamp Holder Pilot Lamp Bracket Transformer Holder	262-021-9-001 253-057-9-001 252-022-9-001 251-206-9-001 251-191-9-001 251-208-9-001 747-064-9-001 747-054-9-002 251-209-9-001 251-173-9-002 251-229-9-001
		251-2 29-9 -001

DESCRIPTION

DYNASCAN PART NO.

MISCELLANEOUS (Continued)

,	
Solder Lug	740-024-9-001
Front Panel	255-171-9-001
Knob	751-095-9-002
Knob	751-152-9-001
Knob	751-147-9-002
Channel Knob	751-147-9-003
Control Nameplate	260-161-9-001
Brand Nameplate	260-161-9-002
FCC Nameplate	
Serial Number Label	
Warning Label	
Caution Label	
Caution Label	
Fuse Replacement Label	
Production Date Label	
Light Shield Plate, LED	763-085-9-003
Rubber Washer	347-075-9-001
Speaker Net	763-085-9-004
Rubber Washer	347-072-9-001
Protection Cover	343-024-9-001
Protection Cover	343-024-9-002
Wool Coated Paper	769-086-9-001
Wool Coated Paper	769-096-9-001
Wool Coated Paper	769-096-9-002
Meter Cushion	769-096-9-003
Protection Pad	343-024-9-005
Protection Pad	503-136-9-001
Rubber Cap for LED	753-008-9-002
Lug Terminal	345-052-9-001
Cord Stopper	763-111-9-002
Vinyl Bag, Misc.	
Vinyl Bag, Mic.	
Vinyl Bag, DC Cord	
Vinyl Bag, Printed Matters	
Vinyl Bag, Fuse	
Rubber Foot	381-079-9-001
Spring for Knob	763-084-9-004
Spring for Knob	763-085-9-005
Ribet	
	503-130-9-001
Polystyrol Foam	503-130-9-002
Protection Pad	
Accessory Box	
Shipping Carton Box	500-373-9-001
Display Box	500-374-9-001
Screw, Pan Head, 3D x 6, Metric	634-051-9-001
Screw, Bind Head, 2D x 4, Metric	634-069-9-002
Screw, Bind Head, 2.6D x 4, Metric	634-073-9-001
Screw, Bind Head, 2.6D x 6, Metric	634-099-9-002
Screw, Bind Head, 2.6D x 10, Metric	
Screw, Bind Head, 3D x 6, Metric	634-053-9-001
Screw, Bind Head, 3D x 12, Metric	634-103-9-001
Screw, Bind Head, 4D x 10, Metric	
Screw, Bind Head, 5D x 10, Metric	
Tapping Screw, 3D x 8, Metric	710-037-9-002

CIRCUIT	Γ
SYMBOL	

DESCRIPTION

DYNASCAN PART NO.

MISCELLANEOUS (Continued)

Tapping Screw,	3D x 8, Metric	710-032-9-002
Tapping Screw,	3D x 10, Metric	
Tapping Screw,	3.5D x 8, Metric	
Tapping Screw,	3D x 6, Metric	
Tapping Screw,	3D x 12, Metric	710-037-9-001
Tapping Screw,	3D x 14, Metric	710-032-9-001
Hex Nut,	2.6D, Metric	653-030-9-001
Hex Nut,	3D, Metric	634-024-9-001
Flange Nut,	4D, Metric	653-037-9-001
Washer,	31D, Metric	724-021-9-001
Spring Washer,	2.6ID, Metric	731-049-9-002
Spring Washer,	3ID, Metric	731-050-9-001
Lock Washer,	3.5ID, Metric	731-041-9-001
Spring Nut,	3ID, Metric	
Spring for Knob		763-084-9-003
Owner's Manual		480-233-9-001
Circuit Diagram/Bill	499-139-9-001	
FCC Application Fo		
Warranty Card		
Service Station Card		
FCC Temporaly Lice		
FCC Part 95 Rules .		