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Cobra 29 (23ch) Parts List

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PARTS LIST FOR COBRA 29

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
TRANSISTORS, DIODES		
TR-1,2	Transistor 2SC394 (Y).....	176-042-9-001
TR-3,4,5,6,7,8,9, 16,17,21	Transistor 2SC372 (O).....	176-042-9-002
TR-10	Transistor 2SC373.....	176-025-9-001
TR-11,12	Transistor 2SC372 (Y).....	176-042-9-003
TR-13,23	Transistor 2SC733 (Y).....	176-042-9-004
TR-14,15	Transistor 2SC1096 (Y) :.....	
TR-18	Transistor 2SC735 (O).....	176-042-9-006
TR-19	Transistor 2SC1226A (P).....	176-042-9-005
TR-20	Transistor 2SC756-2-4.....	172-014-9-002
TR-22	Transistor 2SC495 (Y).....	177-006-9-001
IC	Integrated Circuit TA7061AP.....	307-007-9-002
D-1,3,4,9,15,21	Diode WG713.....	
D-13,15	Diode CD-37.....	151-040-9-002
D-5,10,11,12,18, 19,24,2	Diode 1N-60.....	150-001-9-005
D-6,7	Diode 1N60P.....	
D-16,20	Diode SR1K-1.....	151-040-9-003
D-8	Diode 1S2688E (Variable).....	
D-17	Zener Diode CZ-092.....	152-051-9-001
D-14	Varistor MV-1.....	

COILS, TRANSFORMERS

L-1	Coil TC-71096 14 MHz Trap (LD-018) .. .	041-056-9-001
L-2,6,9,14	Micro Inductor LF4-2R2K.....	041-061-9-001
L-3	Micro Inductor LF4-6R8K.....	041-061-9-002
L-4	Coil TC-71095 Power RF Choke (LD-017).....	042-011-9-001
L-5	Coil 115C Line Filter Choke (TF-017).....	044-028-9-006
L-7	Coil TC-71026 TX Pre-Driver (LC-020).....	044-028-9-005
L-8	Coil TC-71023 TX Driver (LC-017).....	044-028-9-004
L-10	Coil TC-71029 TX Final (LD-012).....	044-028-9-003
L-11	Coil TC-71025 TX Matching (LC-019).....	044-028-9-002
L-12	Coil NS-1344 Antenna Filter (LE-006).....	044-028-9-001
L-13	Coil TC-71024 TVI Trap C (LC-018).....	041-056-9-003
T-1	Coil TKXN-22160BU RX Antenna (LA-029).....	066-017-9-001
T-2	Coil TKXC-22534BU RX RF Amp (LA-041).....	066-017-9-002
T-3	Coil TKXC-23169F 23 MHz OSC (LA-046).....	066-017-9-003
T-4,5	Coil TKXC-23170Z 38 MHz Filter (LA-047).....	066-017-9-004

CIRCUIT
SYMBOL

DESCRIPTION

DYNASCAN
PART NO.

COILS, TRANSFORMERS (Continued)

T-6	Coil TKXC-22535BM 38 MHz Filter	(LA-042)	066-017-9-005
T-7	Coil TKAC-22536IE 1st IF	(LA-043)	060-016-9-001
T-8	Coil TKAC-21165A 1st IF	(LA-019)	060-016-9-002
T-9	Coil RLN-40479N 2nd IF	(LA-078)	060-017-9-001
T-10	Coil RLN-40480N 2nd IF	(LA-079)	060-017-9-002
T-11	Coil YMC-20845AC 2nd IF	(LA-039)	060-016-9-004
T-12	Coil YMC-20846AC 2nd IF	(LA-040)	060-016-9-005
T-13	Trans. 69 M AF Input	(TF-011)	061-022-9-001
T-14	Trans. N28-7518BM AF Output	(TF-038)	061-022-9-002
T-15,16	Coil KXN-13638HM TX 27 MHz Filter	(LA-009)	066-017-9-006
T-17	Coil KXN-13636BM TX 27 MHz Filter	(LA-008)	066-017-9-007
T-18	Trans. 14299A RF	(LA-077)	066-018-9-001
T-19	Trans. 20979A RF Amo.	(LA-060)	066-018-9-002

CRYSTALS

X-1	Crystal 23.290 MHz HC-25/U	133-004-9-001
X-2	Crystal 23.340 MHz HC-25/U	133-004-9-002
X-3	Crystal 23.390 MHz HC-25/U	133-004-9-003
X-4	Crystal 23.440 MHz HC-25/U	133-004-9-004
X-5	Crystal 23.490 MHz HC-25/U	133-004-9-005
X-6	Crystal 23.540 MHz HC-25/U	133-004-9-006
X-7	Crystal 14.950 MHz HC-25/U	133-004-9-007
X-8	Crystal 14.960 MHz HC-25/U	133-004-9-008
X-9	Crystal 14.970 MHz HC-25/U	133-004-9-009
X-10	Crystal 14.990 MHz HC-25/U	133-004-9-010
X-11	Crystal 11.275 MHz HC-25/U	133-004-9-011
X-12	Crystal 11.730 MHz HC-25/U	133-004-9-012

RESISTORS, CONTROLS

VR-1,5	Variable Resistor 50 K (B).....	008-187-9-003
VR-3	Variable Resistor 20 K (B).....	008-158-9-006
VR-7	Variable Resistor 10K (A) w/Switch	008-187-9-001
VR-12	Variable Resistor 10 K (A)	008-187-9-002
VR-2	Semi-fixed Resistor 50 K 3P 6BM	008-205-9-001
VR-4	Semi-fixed Resistor 50 K 2P 6BM	008-187-9-004
VR-6	Semi-fixed Resistor 30 K 2P 6BM	008-187-9-005
VR-9,10	Semi-fixed Resistor 20 K 2P 6BM	008-187-9-006
R-81	Carbon 47 ohm ¼W ELR	

CIRCUIT
SYMBOL

DESCRIPTION

DYNASCAN
PART NO.

RESISTORS, CONTROLS (Continued)

R-4,86,94,14	Carbon 56 ohm ¼W ELR	002-104-5-560
R-68,84,31	Carbon 68 ohm ¼W ELR	002-104-5-680
R-12,18,21, 65,78	Carbon 100 ohm PW ELR.....	002-104-5-101
R-9,24,66	Carbon 150 ohm ¼W ELR	002-104-5-151
R-6,17,32,74,77, 97	Carbon 220 ohm ¼W ELR	002-104-5-221
R-3,85	Carbon 330 ohm ¼W ELR	002-104-5-331
R-60	Carbon 470 ohm ¼W ELR	
R-37,40	Carbon 680 ohm ¼W ELR	002-104-5-681
R-8,13,23,34,54, 67	Carbon 1K ohm ¼W ELR	002-104-5-102
R-56	Carbon 1.5K ohm ¼W ELR	002-104-5-152
R-2	Carbon 2.2K ohm ¼W ELR	002-104-5-222
R-35,98	Carbon 2.7K ohm ¼W ELR	
R-1,83,99	Carbon 3.3K ohm ¼W ELR.....	
R-50,53	Carbon 3.9K ohm ¼W ELR	002-104-5-392
R-51,55,57	Carbon 4.7K ¼W ELR ohm	002-104-5-472
R-17,11,16,38, 61,62,76,93	Carbon 5.6K ohm ¼W ELR	002-104-5-562
R-41	Carbon 6.8K ohm ¼W ELR	002-104-5-682
R-5,19,80,88, 89	Carbon 10K ohm ¼W ELR	002-104-5-103
R-15,75	Carbon 15K ohm ½W ELR	002-104-5-153
R-42,52,58,64,82	Carbon 22K ohm ½W ELR	002-104-5-223
R-36	Carbon 27K ohm ½W ELR	002-104-5-273
R-10,44,39	Carbon 33K ½W ELR	002-104-5-333
R-43,29	Carbon 39K ½W ELR	002-104-5-393
R-20,79,49	Carbon 47K ½W ELR	002-104-5-473
R-25,90	Carbon 82K ohm ½W ELR	
R-30,45,46,48	Carbon 100K ½W ELR	002-104-5-104
R-63	Carbon 220K ohm ½W ELR.....	002-104-5-224
R-26,28,47	Carbon 470K ohm ½W ELR.....	002-104-5-474
R-91	Carbon 820 ohm ¼W ELR	
R-59	Carbon 220 ohm ¼W R	
R-92	Carbon 120 ohm ¼W ELR	
R-73	Carbon 1K ohm ¼W R	
R-22	Carbon 6.8K ¼W R	
R-72	Solid 56 ohm ½W	
R-33	Solid 220 ohm ½W	
R-87	Solid 1K ohm ½W	001-102-6-101

CIRCUIT
SYMBOL

DESCRIPTION

DYNASCAN
PART NO.

RESISTORS, CONTROLS (Continued)

R-70	Solid 47 ohm ½W	
R-69	Metalized 0.5 ohm ½W	044-123-9-001
R-71	Metalized 12 ohm 2W.....	004-138-9-001

CAPACITORS

C-12	Ceramic 1pF 50V	020-109-9-001
C-22,24,78	Ceramic 2pF 50V	020-109-9-007
C-5,25,38,84	Ceramic 3pF 50V	020-109-9-003
C-15,87,109	Ceramic 5pF 50V	020-109-9-010
C-35,136	Ceramic 10pF 50V	020-109-9-012
C-83	Ceramic 25pF 50V	020-109-9-015
C-1,104	Ceramic 33pF 50V	020-125-9-001
C-114, 200	Ceramic 40pF 50V	020-125-9-002
C-21,82,90,110	Ceramic 47pF 50V	020-109-9-011
C-34	Ceramic 90pF 50V	020-125-9-003
C-14,33	Ceramic 91pF 50V	
C-43,85,91,101, 111,124,95	Ceramic 100pF 50V	020-109-9-008
C-9,88,94	Ceramic 150pF 50V	020-109-9-004
C-18,80,108	Ceramic 220pF 50V.....	020-109-9-013
C-102	Ceramic 250pF 50V.....	020-125-9-005
C-17,79,121,122	Ceramic 470pF 50V.....	020-109-9-014
C-2	Ceramic 0.001µF 50V	020-125-9-006
C-132	Ceramic 8pF 50V	
C-45	Ceramic 0.002 µF 50V	020-125-9-007
C-31,32,52,60,70, 115,116,117, 118	Ceramic 0.005 µF 50V	020-109-9-009
C-77	Ceramic 0.1µF 50V	020-109-9-016
C-3,4,6,7,10,13,19, 20,23,36,44,59, 73,75,76,81,86, 92,89,103,106, 134,137,140	Ceramic 0.01µF 50V	020-109-9-002
C-11,29,39,93,96,98, 99,100,105,107, 112	Ceramic 0.04µF 50V	020-109-9-005
C-135	Ceramic 0.0047µF 50V	
C-28,30	Ceramic 0.001µF SCP-60 50V	020-125-9-008
C-69,128	Electrolytic 10µF 16V	022-120-9-001

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
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CAPACITORS (Continued)

C-138	Electrolytic 2.2 μ F 25V	
C-47,48,49,51,129	Electrolytic 1 μ F 16V.....	022-099-9-003
.130		
C-46,50,54,56	Electrolytic 10 μ F 10V	022-099-9-002
C-42	Electrolytic 47 μ F 10V	022-120-9-002
C-119	Electrolytic 47 μ F 16V	022-120-9-003
C-53,63,58	Electrolytic 100 μ F +100-10%, 10V	022-099-9-004
C-64	Electrolytic 100 μ F 16V	022-120-9-004
C-74	Electrolytic 470 μ F 16V.....	022-099-9-006
C-57	Mylar 0.0022 μ F 50V	
C-8,26,27,40	Mylar 0.01 μ F 50V.....	025-087-9-001
C-120,65,66	Mylar 0.02 μ F 50V.....	025-087-9-002
C-37,41	Mylar 0.04 μ F 50V.....	025-074-9-001
C-55,61,58	Mylar 0.1 μ F 50V	025-074-9-002
C-71,72	Mylar 0.47 μ F 50V.....	

SWITCHES

S-4.5	Slide Switch SL-2-2-2-14	084-031-9-001
S-2	Rotary Switch 1-2-24 (4S32C000-A)	083-143-9-001
S-3	Slide Switch SL-3-3-2-03	

MISCELLANEOUS

	Crystal Socket S-D0105.....	749-709-9-001
	M-R type Antenna Connector	772-025-9-001
	Microphone Plug SM-144 (4-P).....	775-022-9-001
	Microphone Jack SM-144 (4-P).....	773-045-9-001
	Speaker 10P03S 8 ohm 2-W	580-013-9-001
M-	Meter type A-39 S31EA563	320-051-9-001
MIKE	Microphone 22-115-45	562-006-9-001
	Microphone Hanger 12-42438-01.....	741-074-9-001
	Fuse Holder RF-104.....	742-018-9-001
	Fuse 1.5 Amp	191-002-9-001

NOTE : Minimum charge \$2.00 per invoice Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express charge.

Specify serial number when ordering replacement parts

**CIRCUIT
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

MISCELLANEOUS (Continued)

	Cord Stopper BU-3270	380-205-9-001
TP-3,4	Check Terminal T-41	757-011-9-001
TP-3,4	Check Terminal N-60	757-011-9-002
TR-1,2,5	Pin Terminal 1.5mm.....	757-014-9-001
J-3,4	Jack SJ-296 3.5mm.....	773-045-9-002
PL-1	Pilot Lamp 14V/50mA (red).....	400-032-9-001
PL-2	Pilot Lamp 14V/50mA (white).....	400-032-9-002
PL-3	Pilot Lamp 14V/50mA (clear)	400-032-9-003
PL-4	Pilot Lamp 4.6V/30mA (clear)	400-032-9-004
CF	Ceramic Filter LF-B6	140-009-9-001
	Metal Chassis M2-02286	257-056-9-001
	Metal Cabinet (top) M2-02287	253-033-9-001
	Metal Cabinet (bottom) M2-02288	252-012-9-001
	Mounting Bracket M3-02289	250-044-9-001
	Heat Sink (aluminum) M4-00844 (Audio).....	747-026-9-001
	Heat Sink (aluminum) M4-00344 (Transmitter)	747-026-9-002
	Front Panel (ABS) M2-02285	255-113-9-001
	Channel Knob (ABS) M4-01727.....	751-095-9-001
	Volume Knob (ABS) M4-01958	751-106-9-002
	Channel Dial (acryl) M4-01957	380-176-9-002
	Lamp Grille (acryl) M4-01308 red	750-007-9-002
	Lamp Grille (acryl) M4-01497 green	750-007-9-001
	Screw for Bracket M4-00238.....	634-044-9-001
	Front Plate M4-02290.....	260-044-9-001
	Microphone Plate M4-01960	600-018-9-001
	FCC Plate	600-018-9-002
	Lighting Board M4-00840	769-073-9-001
	Lamp Holder (rubber) M4-00601.....	381-055-9-001
	Instruction Booklet	480-140-9-001
	Schematic & Parts List (Composite).....	499-057-9-001
	FCC Application Form.....	492-041-9-001
	Styrofoam Box	503-069-9-001
	Display Box	500-226-9-001
	P.C. Board	302-151-9-001

COMPOSITE

499-057-9-001