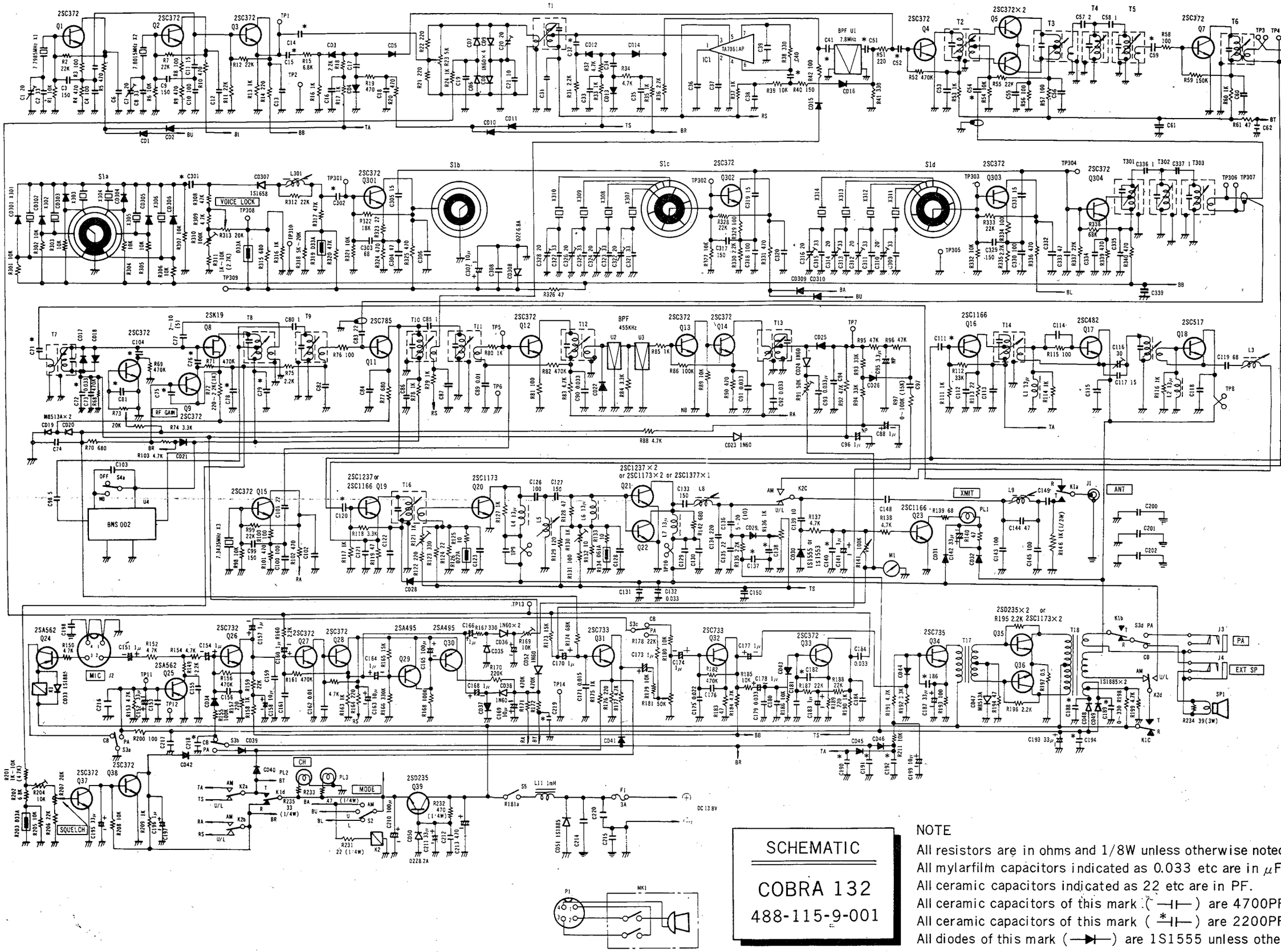

NOTE

All resistors are in ohms and 1/8W unless otherwise noted.
All mylarfilm capacitors indicated as 0.033 etc are in μF.
All ceramic capacitors indicated as 22 etc are in PF.
All ceramic capacitors of this mark (⊣⊢) are 4700PF unless otherwise noted.
All ceramic capacitors of this mark (*⊣⊢) are 2200PF unless otherwise noted.
All diodes of this mark (⟶▶) are 1S1555 unless otherwise noted.

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	CAPACITORS AND TRIMMERS (Continued)	
C128~131, 148~150,153,155, 156,159,161, 176, 185,198,200~202, 212,214~217, 220,306,308,320, 332,334,335,97, 104,180,181,339	Ceramic YR 4700pF 50V	020-088-9-008
C14,15,32,40,41,51, 52,54,59,62,71,72, 75,76,78,79,81,111, 120,137,138,140, 182,186,188~192, 194,218,219,301,302	Ceramic YR 2200pF 50V	020-088-9-007
C21	Ceramic N750 10pF 50V	020-097-9-003
C57	Ceramic SL 2pF 50V	020-097-9-004
C58,80,85,336,337	Ceramic SL 1pF 50V	020-097-9-005
C83,135,101	Ceramic SL 22pF 50V	020-097-9-006
C77,98	Ceramic SL 5pF 50V	020-097-9-007
C117	Ceramic SL 15pF 50V	020-097-9-008
C119,303	Ceramic N220 68pF 50V	020-088-9-001
C126,143,145	Ceramic SL 100pF 50V	020-088-9-004
C134	Ceramic SL 220pF 50V	020-097-9-009
C136,139	Ceramic SL 10pF 50V	020-097-9-010
C144	Ceramic SL 47pF 50V	020-097-9-011
C304,333	Ceramic N220 47pF 50V	020-088-9-002
C1,7,20,310,312, 314,316,322,324, 326,328	Ceramic Variable 20pF 50V	028-026-9-001
C116	Ceramic Variable 30pF 50V	028-026-9-002
C73,90~93,132, 179,184	Mylar-Film 0.033μF 50V	025-060-9-003
C89,162	Mylar-Film 0.01μF 50V	025-060-9-001
C171	Mylar-Film 0.015μF 50V	025-071-9-001
C175	Mylar-Film 0.022μF 50V	025-071-9-002
C152,187,193	Tantalum 33μF 3V	027-005-9-001
C165	Tantalum 100μF 3V	027-007-9-001
C141,151,154,157, 160,164,166~168, 170,173,174,177 178,183,196,197	Electrolytic 1μF 50V	022-076-9-001
C142,169,195,211	Electrolytic 33μF 16V	022-076-9-005
C158,163,199,307	Electrolytic 100μF 16V	022-076-9-003
C210	Electrolytic 100μF 16V	022-091-9-001
C213	Electrolytic 470μF 25V	022-076-9-007
C95	Electrolytic (Non-Polar) 3.3μF 6V	034-005-9-001
C96	Electrolytic (Non-Polar) 1μF 6V	034-005-9-002

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	DIODES, TRANSISTORS AND INTEGRATED CIRCUIT	
IC1	TA7061AP	307-020-9-001
Q1~7,9,10,12~15, 27,28,33,37,38, 301~304	2SC372 NPN Silicon	176-029-9-001
Q8	2SK19 FET	182-009-9-001
Q11	2SC785 NPN Silicon	176-037-9-001
Q16,19,23	2SC1166 NPN Silicon	176-037-9-002
Q17	2SC482 NPN Silicon	176-029-9-002
Q18	2SC571 NPN Power Silicon	172-009-9-001
Q20~22	2SC1173 (RF) or 2SC1237 N PN Power Silicon	172-013-9-001
Q24,25	2SA562 PNP Silicon	177-006-9-002
Q26	2SC732 NPN Silicon	176-031-9-002
Q29,30	2SA495 PNP Silicon	177-006-9-001
Q31,32	2SC733 NPN Silicon	176-027-9-003
Q34	2SC735 NPN Silicon	176-031-9-001
Q35,36,39	2SD235 or 2SC1173(AF) NPN Power Silicon	172-010-9-001
CD1~5,10~18,21, 22,25~32,34,37, 39~46,301,306, 309,310	1S1555	151-030-9-001
CD6~9,23,24,35, 36,38,52	1N60	150-001-9-005
CD19,20,47	M851JA	151-034-9-001
CD33,48,49,51	1S1885	151-030-9-005
CD50	0Z28.2A	152-042-9-001
CD307	1S1658	151-030-9-004
CD308	0Z26.8A	152-042-9-002

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	COILS, CHOKES AND TRANSFORMERS	
T1	RF Transformer L1786	066-015-9-001
T2	RF Transformer L1787	066-015-9-002
T3	RF Transformer L1785	066-015-9-003
T4,5,9	RF Transformer L1641	066-013-9-002
T6,14	RF Transformer L1505	066-013-9-009
T7	RF Transformer L1790	066-015-9-004
T8	RF Transformer L1789	066-015-9-005
T10,11	RF Transformer L1788	066-015-9-006
T12,13	IF Transformer D1075	060-014-9-004
T15	RF Transformer L1511	066-013-9-010
T16	RF Transformer L1791	066-015-9-007
T17	AF Driver Transformer	068-005-9-001
T18	AF Output Transformer	061-021-9-001
T301~303	RF Transformer L1784	066-015-9-008
L1,2,4,6,7	RF Choke Coil L1122	042-009-9-001
L3	RF Output L1101	044-025-9-002
L5,9	RF Coil L1792	041-054-9-001
L8	RF Coil L1793	041-054-9-002
L11	AF Choke Coil	042-010-9-001
L301	RF Coil L1794	041-054-9-003

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	CRYSTALS	
X1	Crystal 7.7985 MHz	132-006-9-001
X2	Crystal 7.8015 MHz	132-006-9-002
X3	Crystal 7.3435 MHz	132-006-9-003
X301	Crystal 11.705 MHz	132-006-9-004
X302	Crystal 11.755 MHz	132-006-9-005
X303	Crystal 11.805 MHz	132-006-9-006
X304	Crystal 11.855 MHz	132-006-9-007
X305	Crystal 11.905 MHz	132-006-9-008
X306	Crystal 11.955 MHz	132-006-9-009
X307	Crystal 7.4615 MHz	132-006-9-010
X308	Crystal 7.4715 MHz	132-006-9-011
X309	Crystal 7.4815 MHz	132-006-9-012
X310	Crystal 7.5015 MHz	132-006-9-013
X311	Crystal 7.4585 MHz	132-006-9-014
X312	Crystal 7.4685 MHz	132-006-9-015
X313	Crystal 7.4785 MHz	132-006-9-016
X314	Crystal 7.4985 MHz	132-006-9-017
	SWITCHES	
S1	Rotary Switch 24 Steps	083-138-9-001
S2	Rotary Switch 4C-3P	083-138-9-002
S3,4	Slide Switch 4C-2P	084-025-9-001
	MISCELLANEOUS	
J1	Antenna Jack S0239	772-002-9-001
J2	Microphone Jack and Plug	773-039-9-001
J3,4	PA and EXT SP Jack	773-043-9-001
K1	Relay 4C-2P 12V	441-006-9-001
K2	Relay 4C-2P 6V	441-007-9-001
M1	DC Ammeter 200μA	320-039-9-001
MK1	Dynamic Microphone	502-003-9-001
PL1,2	Indicator Lamp	400-022-9-001
SP1	Speaker 6.3" $\times$ 2.35"	580-012-9-001
U1	Crystal Filter	143-002-9-001
U2	Ceramic Filter LFB6	140-008-9-001
U3	Ceramic Filter LFB8	140-008-9-002
U4	Noise Blanker Module	520-026-9-001
F1	Fuse 3A	191-251-3-003
FS1	Fuse Holder	742-013-9-001
	Knob for Channel Switch	751-092-9-001
	Knob for Volume and Voice Lock	751-092-9-002
	Knob for Squelch and RF Gain	751-092-9-003
	Knob for Mode Switch	751-092-9-004
	Channel Indicator	380-157-9-001
	Moter Holder	251-104-9-001

NOTE: Standard value resistors and capacitors are not listed, values may be obtained from schematic diagram.

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.

COBRA 132 PARTS LIST

488-115-9-002

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	RESISTORS, CONTROLS, AND THERMISTORS	
R113,231	Carbon Fixed 22 Ω 1/4W	002-104-5-220
R119,128,140	Carbon Fixed 47 Ω 1/4W	002-104-5-470
R122	Carbon Fixed 220 Ω 1/4W	002-104-5-221
R123	Carbon Fixed 330 Ω 1/4W	002-104-5-331
R131	Carbon Fixed 100 Ω 1/4W	002-104-5-101
R139	Carbon Fixed 68 Ω 1/4W	002-104-5-680
R197	Carbon Fixed 0.5 Ω 1/4W	004-100-9-001
R232	Carbon Fixed 470 Ω 1/4W	002-104-5-471
R146	Carbon Fixed 1KΩ 1/2W	002-102-5-102
R129	Solid Fixed 120 Ω 1/2W	002-102-5-121
R233	Solid Fixed 47 Ω 1/4W	002-104-5-470
R235	Solid Fixed 33 Ω 1/4W	002-104-5-330
R234	Wire Wound Fixed-39Ω 3W	006-005-5-160
R23	Semi-Fixed (Pot.) 5K Ω	008-176-9-001
R169,204	Semi-Fixed 10K Ω	008-165-9-001
R121,130	Semi-Fixed 1K Ω	008-176-9-002
R136	Semi-Fixed (Pot.) 1K Ω	008-158-9-001
R141,310	Semi-Fixed 100K Ω	008-158-9-003
R91	Semi-Fixed 50K Ω	008-158-9-008
R73,313	Variable 20K Ω, 20K Ω	008-176-9-003
R181,207	Variable 50K Ω, 20K Ω with 1C-2P switch	008-176-9-004
R126	Thermistor D22A	004-099-9-001
R134	Thermistor D61A	004-108-9-001
R203,314,319	Thermistor D33A	004-099-9-002
	CAPACITORS AND TRIMMERS	
C2,8,309,311,313, 315,321,323,325, 327	Ceramic N220 33pF 50V	020-097-9-001
C3,9,99,127,133, 317,329	Ceramic SL 150pF 50V	020-097-9-002
C4,10,100,318,330	Ceramic N220 100pF 50V	020-088-9-003
C5,11,305,319,331	Ceramic NPO 15pF 50V	031-034-9-001
C6,12,13,16~19, 31,33~39,53,55, 56,60,61,74,82, 84,86,87,94,102, 103,112~115, 118,121~123,125,	Ceramic YR 4700pF 50V	020-088-9-008

COMPOSITE
499-038-9-001