



 25D4-3	 25B6-3	 6X4	 6X5	 6X6	 6X7	 6X8	 6X9	 6X10	 6X11	 6X12	 6X13	 6X14	 6X15	 6X16	 6X17	 6X18	 6X19	 6X20	 6X21	 6X22	 6X23	 6X24	 6X25	 6X26	 6X27	 6X28	 6X29	 6X30	 6X31	 6X32	 6X33	 6X34	 6X35	 6X36	 6X37	 6X38	 6X39	 6X40	 6X41	 6X42	 6X43	 6X44	 6X45	 6X46	 6X47	 6X48	 6X49	 6X50	 6X51	 6X52	 6X53	 6X54	 6X55	 6X56	 6X57	 6X58	 6X59	 6X60	 6X61	 6X62	 6X63	 6X64	 6X65	 6X66	 6X67	 6X68	 6X69	 6X70	 6X71	 6X72	 6X73	 6X74	 6X75	 6X76	 6X77	 6X78	 6X79	 6X80	 6X81	 6X82	 6X83	 6X84	 6X85	 6X86	 6X87	 6X88	 6X89	 6X90	 6X91	 6X92	 6X93	 6X94	 6X95	 6X96	 6X97	 6X98	 6X99	 6X100
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SCHEMATIC DIAGRAM OF K02-C

BOSE 32108 FRAMINGHAM MA.		PARTS LIST	TITLE 102-C Spare Parts	ASSY. NO. 125817	REV.	2 of 7	
ITEM	ALTERNATE PART NUMBER	PREFERRED PART NUMBER	DESCRIPTION	QTY.	U/M	REMARKS	COST (ACCT)
1		127364	P.C.B Assy 22244H2510	1	PC		
2		127367	Front Panel Assy 244H248400	1			
3	127365	127399	Input Term 4-Pole H# YTO1040150 Alt 22244H2520	1		J002 H# includes term PCB.	
4	127366	127400	Output Term 9-Pole H# YTO1040220 Alt 22244H2530	1		J001 " "	
5		127392	Transformer TS14143010	1		Var-1	
5		127393	Transformer TS14143020	1		Var-3,4	
5			Transformer			Var 2	
6		127375	OP Amp 304300 HC10017090	8		Q601, Q62, Q63, Q64, Q65, Q66, Q67, Q68	
7		127374	I.C. CA3090E HC10009140	1		Q603	
8		127373	OP Amp 4558 HC10001000	1		Q604	
9		127385	xistor 3SC1115 HT304152A0	3		Q631, G33, G34	
10		127383	xistor 25A733 HT107332B0	3		Q632, G61, G62	
11		127379	FET 2SK30 HF200301D0	2		Q636, G37	
12		127386	xistor 25D313 HT40313200	1		Q802	
13		127384	xistor 25B507 HT20507200	1		Q803	
14		127376	Diode 1SS133 HD2015210	16		Q601, Q602, Q63, Q64, Q65, Q66, Q67, Q68, G32, G35, G61, G62	
15		127378	Zener RD16E01 HD30051060	4		Q601, Q62, Q64, Q65	



REV. NO. 125817

Variation Coding

125817 -2

- 1 115V
- 2 100V
- 3 200V
- 4 240V

REV.	DESCRIPTION	DATE	BY	CHKD.

REV SHEET							
DOCUMENT LEVEL	3	DESIGNED BY P. Lesbirel	DATE	BOSE FRAMINGHAM MASS 01900			
	2	CHECKED		102 Controller spare parts			
	1	DATE PREPARED		32108	A	125817	0

BOSE 32108 FRAMINGHAM MA PARTS LIST			TITLE 102-C Spare Parts	ASSY. NO. 125817	REV.	SH 4 OF 7	
ITEM	ALTERNATE PART NUMBER	PREFERRED PART NUMBER	DESCRIPTION	QTY.	U/M	REMARKS	COST (ACCT)
31		127404	Strain Relief Bushing - AC. Grid 147025050	1	R		
32		127425	Screw - ^{Cover, P. Panel} Transformer 5128030540	10		006B, 017B, 015B	
33		127437	Screw - Grounding 5157030640	1		010B	
34		127422	Screw - PCB Hold down 5110030584	5		020B	
35		127426	Screw - Rear Terminals 5129031240	4		022B	
36		127423	Screw - Accy Kit 5110061234	4		0145 Var-3,4	
36		127424	Screw - Accy Kit 5106703940	4		0145 Var-1	
36			Screw - Accy Kit			0145 Var-2	
37		127429	Ring Grounding 6203003440	2		011B, 015B	
38		127428	Nut Hexagon - Grounding 5311030364	1		0140	
31		127414	Poly sheet Insulator 2944H801010	1		0243	
40		127420	Warning Label T. Cover 2944H861030	1		041B	
41		127415	Carton 2944H801010	1			
42		127416	Filler 2944H802010	1			
43		129314	Cap - Ceramic 330 pf DK16331301	7		CE01, E01, E14, E22, E24, E26, E28, G04	
44		129315	Cap - Ceramic 33 pf 0015330301	3	✓	CE01, E54, G05	
45		129316	Cap Ceramic .01 uF DK19103311	10		CE16, E17, E24, E27, E31, E33, E35, G17, G05, G07	
46		129317	Cap Ceramic 3300 pf DK16332301	1		C6-03	

BOSE 32108 FRAMINGHAM MA PARTS LIST			TITLE 102-C Spare Parts	ASSY. NO. 125817	REV.	SH 3 OF 7	
ITEM	ALTERNATE PART NUMBER	PREFERRED PART NUMBER	DESCRIPTION	QTY.	U/M	REMARKS	COST (ACCT)
16		127382	LED SLP5400 WHI H110054030	1	PC	DG34	
17		127380	LED SEL1110R RD H110014080	1		DG63	
18		127381	LED SEL13103 YCN H110021080	1		D803	
19		127377	Diode SLVB20 HD20021290	1		D806	
20		127391	Slide Switch gain, select 550022240	4		SE01, E51, G01, G32	
21		127390	Push Switch, Pass 29020111540	1		SG31	
22		127397	Jack 3-Pin YJ06002430	3		JE01, E51, G01	
23		127392	Jack 4-Pin YJ06002440	1		JE02	
24		127401	Jumper Cable 3-Pin Y403060260	2		JE01, E51	
25		127402	Jumper Cable 3-Pin Y403080260	1		WE03	
26		127403	Jumper Cable 4-Pin Y404060260	1		JE02	
27		127395	Power Cord 115V YC01800350	1		Var-1	
27		127394	Power Cord 240V YC0190040	1		Var-4	
27		127396	Power Cord No plug YC02000410	1		Var-3	
28		127421	Knob 2963154330	1	✓		
29		127410	Cover 2944H053	1			
30		127411	Chassis 115V 2944H105010	1		Var-1	
30	127413	127412	Chassis 220/240 ^{Part 2944H125100} _{Part 2944H125100}	1		Var-3,4	

BOSE 32108 FRAMINGHAM MA PARTS LIST			TITLE	ASSY. NO.	REV.	SH	OF
			102-C Spare Parts	125817		6	7
ITEM	ALTERNATE PART NUMBER	PREFERRED PART NUMBER	DESCRIPTION	QTY.	U/M	REMARKS	COST (ACCT)
-		129 336	Cap Elec 220 uF 35V EA22703510	2	PC	C801, 802	
		129 337	Cap Elec 330 uF 16V EA33701611	2		C803, 804	
		129 338	Cap Elec 100 uF 16V EA10701611	2		C805, 806	
		129 339	Cap Elec 220 uF 10V EA22701011	1		C807	
		127368	Res 1K ohm 1/2 W 1% GM11101010	4		RE01, E02, E51, E52	
		127370	Res 1K ohm 1/2 W 1% GM11141011	4		RE03, E05, E53, E55	
		127372	Res 9.0K ohm 1/2 W 1% GM11140111	6		RE04, E06, E54, E56	
		129 340	Res 22K ohm 1/2 W 5% GD05223161	6		RE07, E14, E47, G12, G21, G22	
		129 341	Res 10K ohm 1/2 W 5% GD05103161	13		RE09, E09, G13, E57, E58, E59, E63, G13, G15, G17, G19, G20, G21	
		129 342	Res 4.7K ohm 1/2 W 5% GD05472161	16		RE10, E11, E12, E15, E21, E22, E60, E61, E62, RE65, E71, E73, G41, G44, G43, G45	
		129 343	Res 82K ohm 1/2 W 5% GD05823161	2		RE16, E66	
		129 344	Res 0.2K ohm 1/2 W 5% GD05223161	4		RE17, E18, E67, E68	
		129 345	Res 2.2K ohm 1/2 W 5% GD05222161	10		RE19, E20, E21, E64, E70, E74, E64, E64, E72, E67	
		129 346	Res 1.5K ohm 1/2 W 5% GD05152161	6	✓	RE22, E72, G01, G02, G10, G43	
		129 347	Res 100K ohm 1/2 W 5% GD05101161	5		RE25, E75, G16, G42, G47	
		129 348	Res 470 ohm 1/2 W 5% GD05471161	4		RE36, E76, P05, P06	

BOSE 32108 FRAMINGHAM MA PARTS LIST			TITLE	ASSY. NO.	REV.	SH	OF
			103-C Spare Parts	125817		5	7
ITEM	ALTERNATE PART NUMBER	PREFERRED PART NUMBER	DESCRIPTION	QTY.	U/M	REMARKS	COST (ACCT)
47	-	129 318	Cap Ceramic - 220 pf DK1221301	1	PC	CG05	
48	-	129 319	Cap Ceramic 22 pf DD15220301	1		CG06	
49	-	129 320	Cap Ceramic 10,000 pf DK12103321	1		CG18	
50	-	129 321	Cap Film .0056 uF 5% DF15562351	4		CE05, E04, E55, E56	
51	-	129 322	Cap Film .047 uF 5% DF15473351	2		CE07, E57	
52	-	129 323	Cap Film .1 uF 5% DF15104351	7		CE04, G10, G11, CE08, E01, E58, E59	
53	-	129 324	Cap Film .0068 uF 5% DF15683351	2		CE10, E60	
54	-	129 325	Cap Film .27 uF 5% DF15274351	2		CE12, E62	
55	-	129 326	Cap Film .0022 uF 5% DF15223351	1		CG12	
56	-	129 327	Cap Film .0033 uF 5% DF15333351	1		CG13	
57	-	129 328	Cap Film .0027 uF 5% DF15272351	1		CG14	
58	-	129 329	Cap Elec 10 uF 50V EA10005011	6		CG01, E02, E03, E51, E52, E65	
59	-	129 330	Cap Elec 4.7 uF 50V EA47505011	6		CE13, E03, G15, G16, G31, G61	
60	-	129 331	Cap Elec 22 uF 50V EA22005011	2		CG01, G02	
61	-	129 332	Cap Elec 22 uF 25V EA22102511	1	✓	CG07	
62	-	129 333	Cap Elec 220 uF 16V EA22001611	1		CG33	
63	-	129 334	Cap Elec 33 uF 16V RP EA33161611	1		CG35	
64	-	129 335	Cap Elec .22 uF 50V EA22405011	1		CG42	

ITEM	ALTERNATE PART NUMBER	PREFERRED PART NUMBER	DESCRIPTION	QTY.	U/M	REMARKS	COST (ACCT)
		129349	Res 330 ohm $\frac{1}{2}$ W 5% GDO5331161	2	PC	RE27, E77	
		129350	Res 330K ohm $\frac{1}{2}$ W 5% GDO5334161	6		RE28, E24, E78, E79, G27, G28	
		127369	Res 301 ohm $\frac{1}{2}$ W 1% GM11230100	2		RG01, G02	
		127371	Res 301 ohm $\frac{1}{4}$ W 1% GM11430101	2		RG03, G05	
		129351	Res 15K ohm $\frac{1}{8}$ W 5% GDO5153161	2		RG11, G61	
		129352	Res 220 ohm $\frac{1}{8}$ W 5% GDO5221161	1		RG14	
		129353	Res 6.8 ohm $\frac{1}{8}$ W 5% GDO5682161	2		RG19, G71	
		129354	Res 3.9K ohm $\frac{1}{8}$ W 5% GD05392161	1		RG22	
		129355	Res 3.3K ohm $\frac{1}{8}$ W 5% GDO5332161	9		RG23, E24, G25, E26, G33, G32, G49, G51, G74	
		129356	Res 150K ohm $\frac{1}{8}$ W 5% GDO5154161	2		RG31, G70	
		129357	Res 330K ohm $\frac{1}{8}$ W 5% GDO5331161	1		RG34	
		129358	Res 1K ohm $\frac{1}{8}$ W 5% GDO5102161	5		RG37, G110, G72, 803, 201	
		129359	Res 680 ohm $\frac{1}{8}$ W 5% GDO5681161	2		RG45, G48	
		129360	Res 100 ohm $\frac{1}{8}$ W 5% GDO5101161	1		RG46	
		129361	Res 33K ohm $\frac{1}{2}$ W 5% GDO5333161	1		RG62	
		129362	Res 1M ohm $\frac{1}{2}$ W 5% GDO5105161	2		RG67, 68	
		127387	Res 39 ohm $\frac{1}{4}$ W Fuse 1% NH05390112	2		R801, 802	
		127388	Res 150 ohm $\frac{1}{2}$ W Metal 10K15151120	1		R810	
		127389	Var Res voice gain R105030060	1		RG09	