

NOTE:
FOR SCHEMATIC DIAGRAM AND CIRCUIT BOARD LAYOUT NOTES,
REFER TO BEGINNING OF SCHEMATIC SECTION IN ORIGINAL SERVICE MANUAL.

MAIN C.B.A. (POWER SUPPLY/VIDEO/AUDIO SECTION)

MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY
IC1001			50	4.0	0	Q1003			Q4007		
1	5.3	5.3	51	5.0	5.0	E	0	-0.1	E	-4.6	-4.6
2	4.4	4.4	52	1.2	2.5	C	4.0	4.1	C	0	0
3	0.6	0.6	53	2.4	2.4	B	-0.6	-0.6	B	0	0
4	2.0	2.0	54	1.8	2.4	Q1004			Q4101		
IC3001			55	2.0	2.0	E	4.1	4.1	E	0.1	0
1	4.9	4.9	56	5.0	4.3	C	0	0	C	11.6	0
2	3.3	3.3	57	2.5	2.5	B	4.4	4.4	B	0	0
3	2.0	2.1	58	2.5	0	Q1005					
4	4.9	4.9	59	2.5	0	E	4.7	4.7	TP1001	0	0
5	4.2	4.2	60	2.5	0	C	5.2	5.2	TP1002	32.2	32.3
6	1.8	---	61	2.5	2.5	B	5.3	5.3	TP1003	14.3	14.5
7	5.1	5.1	62	0	0	Q1051			TP1004	-29.8	-29.8
8	5.2	---	63	0	0	E	12.1	12.0	TP1005	5.2	5.3
9	2.2	2.2	64	2.0	2.4	C	14.3	14.4	TP1006	5.3	5.3
10	2.7	2.7	65	2.5	2.6	B	9.3	9.4	TP1007	0	0
11	0.8	0.8	66	2.5	2.6	Q1052			TP1008	5.2	5.3
12	2.7	2.7	67	2.5	2.5	E	0.6	0.5	TP1009	0	0
13	0	0	68	5.0	5.1	C	9.1	9.3	TP1050	5.1	5.2
14	0.3	0.3	69	2.6	0	B	0	0	TP1051	5.3	5.3
15	1.1	1.1	70	0	---	Q1053			TP1058	12.1	12.1
16	3.0	3.6	71	2.5	2.5	E	5.1	5.1	TP1080	0	0
17	2.3	1.7	72	2.5	2.5	C	5.2	5.2	TP1081	13.6	13.7
18	3.0	3.3	73	2.5	2.5	B	5.9	5.9	TP3001	2.6	2.7
19	2.6	2.6	74	0	-0.1	Q3001			TP3002	2.7	2.3
20	3.0	3.1	75	0	-0.1	E	1.9	1.9	TP3003	1.9	2.1
21	5.0	5.0	76	3.2	-0.1	C	0	0	TP3004	4.2	4.3
22	2.0	2.0	77	0	0	B	2.6	2.7	TP3005	2.5	2.6
23	2.4	2.3	78	2.1	2.1	Q4001			TP3006	2.4	2.5
24	2.3	2.1	79	2.8	2.9	E	5.1	4.3	TP3007	1.9	1.6
25	2.0	2.0	80	2.1	2.1	C	-22.0	5.0	TP3008	3.3	3.3
26	2.4	2.3	81	2.4	2.6	B	5.1	5.1	TP3009	0	0
27	2.0	1.9	82	---	2.7	Q4002			TP3010	4.9	5.0
28	0	0	83	2.5	2.5	E	-22.0	0.7	TP3011	0.3	0.4
29	1.8	1.8	84	2.4	2.3	C	0	0	TP3101	2.9	3.1
30	1.8	1.8	IC3101			B	-13	0	TP3102	2.8	3.0
31	2.0	2.1	1	3.0	3.0	Q4003			TP3103	1.8	1.9
32	2.2	2.3	2	5.0	5.0	E	-22.0	0.7	TP3150	4.1	3.1
33	1.9	2.0	3	0	0	C	0	0	TP3151	2.3	2.4
34	2.7	2.7	4	3.0	3.0	B	-13.0	0	TP3152	2.5	2.6
35	2.0	2.2	5	2.9	2.9	Q4004			TP3153	2.5	2.6
36	---	2.4	6	-2.6	-3.5	E	0	0	TP3154	1.1	1.2
37	16.4	1.4	7	2.1	2.1	C	-4.5	-4.5	TP3401	0	0
38	4.4	2.2	8	3.3	3.5	B	0	0	TP4002	0	0
39	1.9	1.9				Q4005			TP4003	0	0
40	2.8	2.9	Q1001			E	-4.7	-4.7	TP4011	0	0
41	2.7	3.4	E	0	0	C	0	0			
42	0	0	C	164.5	164.6	B	0	0			
43	3.3	3.3	B	0.3	0.3	Q4006					
44	---	2.5	Q1002			E	-4.3	-4.3			
45	---	2.5	E	0	0	C	0	0			
46	---	2.5	C	0.3	0.3	B	0	0			
47	5.0	5.0	B	0.6	0.6						
48	1.1	0									
49	1.5	2.6									

NOTE:
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MAIN C.B.A. (SYSTEM CONTROL/SERVO SECTION)

MODE PIN NO.	REC	PLAY	STOP
IC2601			
1	13.8	13.8	14.2
2	13.8	13.8	14.2
3	14.3	14.3	14.7
4	1.1	1.1	1.2
5	5.2	5.2	5.3
6	0.8	0.8	0.9
7	0.9	0.9	0.9
8	0.6	0.6	0.6
9	---	2.7	2.9
10	1.4	1.4	1.5
11	0	0	0
12	3.9	3.9	3.9
13	3.9	3.9	3.9
14	3.9	3.9	3.9
15	---	0.1	0.1
16	13.8	13.8	14.2
IC6001			
1	5.2	5.2	5.3
2	0	0	0
3	---	---	5.0
4	---	---	0.2
5	4.7	4.7	4.9
6	0	0	0
7	0	0	0
8	4.7	4.7	4.8
9	0.1	0.1	0.2
10	5.1	5.1	5.1
11	4.9	4.9	5.0
12	0	0	0
13	4.9	4.9	4.9
14	5.0	5.0	5.1
15	4.8	3.4	4.9
16	5.0	5.0	5.1
17	5.2	4.9	5.2
18	5.0	5.1	5.1
19	5.1	5.1	5.1
20	5.1	5.1	5.1
21	0	0	2.6
22	---	---	0
23	1.5	2.6	5.1
24	0	0	0
25	---	---	---
26	0	0	0
27	0	2.6	2.6
28	5.1	0	0
29	3.8	3.8	1.5
30	0	0	0
31	0	0	0
32	0	0	0
33	---	2.3	2.6
34	2.4	2.5	0
35	2.4	2.4	2.5
36	5.1	5.1	5.2
37	---	---	2.7

MODE PIN NO.	REC	PLAY	STOP
38	---	---	2.6
39	0	0	0
40	4.7	4.7	4.7
41	4.7	4.8	4.7
42	0	0	0
43	4.7	4.7	4.7
44	4.7	4.7	4.7
45	4.7	4.7	4.8
46	4.7	4.7	4.8
47	1.9	2.0	2.0
48	0	0	0
49	1.9	1.9	2.0
50	2.7	2.7	2.7
51	5.2	5.2	5.3
52	2.5	2.6	2.7
53	2.5	2.6	2.7
54	0	0	0
55	0	0	0
56	5.1	5.1	5.2
57	4.6	4.6	4.7
58	0	0	0.1
59	0	0	0
60	5.1	5.1	5.1
61	0.3	0.2	0.2
62	5.1	0	5.2
63	5.1	5.1	5.1
64	0	0	0
65	1.1	0.9	1.2
66	0	0	0
67	0.2	2.6	0
68	---	---	2.6
69	2.5	2.5	2.6
70	2.5	-0.1	2.6
71	0	-0.1	0
72	2.5	---	2.6
73	5.1	5.1	5.2
74	1.9	1.6	2.5
75	1.5	1.6	2.6
76	2.5	2.5	2.6
77	1.8	0.2	2.6
78	3.4	2.8	3.4
79	4.6	3.7	4.7
80	---	---	4.7
81	4.9	4.9	4.9
82	0	0	0.2
83	0	0	0.1
84	0	0	0
85	1.7	0.1	2.2
86	1.7	0	2.6
87	5.2	5.2	5.3
88	5.2	5.2	5.3
89	5.2	5.2	5.3
90	5.2	5.2	5.3
91	5.0	5.0	5.1
92	0	0	0

MODE PIN NO.	REC	PLAY	STOP
93	5.0	5.0	5.1
94	5.0	5.0	5.1
95	0	0	5.1
96	5.2	4.9	0
97	0	0	5.1
98	1.5	2.6	0
99	5.1	5.1	5.1
100	0.2	0	0.4
IC6002			
1	1.1	1.1	1.2
2	0	0	0
3	0	0	0
4	---	---	0.1
IC6003			
1	---	2.3	2.4
2	1.1	1.1	1.2
3	0	0	0
4	---	---	0.2
IC6005			
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	5.2	5.2	5.2
6	5.1	5.1	5.1
7	0	0	0
8	5.2	5.2	5.3
IC6301			
1	0	0	0
2	4.9	4.9	4.9
3	4.9	4.9	4.9
4	4.6	4.6	4.7
5	0	0	0
6	4.3	4.2	4.6
7	4.3	4.2	4.6
8	4.2	4.2	4.6
9	4.2	4.2	4.6
10	0	0	0
11	4.5	4.4	4.8
12	8.8	5.0	4.1
13	8.5	---	3.2
14	5.8	4.3	4.4
15	3.3	3.3	2.9
16	3.8	2.7	5.1
17	4.9	2.8	12.3
18	---	---	12.8
19	0	0	0
20	---	---	---
21	---	2.9	8.5
22	3.5	3.0	6.6
23	1.8	---	---
24	2.4	2.4	2.5
25	0.1	0.1	0.2
26	0.1	0.1	0.1
27	1.9	2.0	2.2

MODE PIN NO.	REC	PLAY	STOP
28	4.7	4.7	5.0
Q6001			
E	0	0	0
C	---	---	5.1
B	0	0	0
Q6002			
E	11.2	12.0	12.1
C	11.8	0	0
B	12.0	12.1	12.1
Q6003			
E	5.1	0	0
C	11.2	12.0	12.1
B	4.5	0	0
Q6005			
E	4.3	4.3	4.4
C	5.1	5.1	5.2
B	5.2	5.2	5.3
Q6006			
E	0.7	0.7	0.8
C	0.1	0.1	0.1
B	0	0	0
Q6007			
E	0.1	0.1	0.1
C	5.1	5.1	5.2
B	5.1	5.1	5.2
Q6009			
E	0	0	0
C	5.1	5.1	5.2
B			
Q6010			
E	0	0	0
C	5.0	5.1	4.8
B			
Q6301			
E	4.7	4.6	5.0
C	2.2	1.4	2.7
B	4.7	4.6	5.1
Q6302			
E	4.7	4.6	5.0
C	1.7	1.3	1.0
B	4.8	4.6	5.1
Q6303			
E	4.7	4.5	5.0
C	1.7	---	---
B	4.8	4.6	5.1
Q6304			
E	4.7	4.5	5.0
C	1.9	-2.7	-1.7
B	4.7	4.6	5.1
Q6305			
E	4.7	4.6	5.0
C	1.3	0	0.5
B	4.8	4.6	5.1

[illegible]