

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

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

MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP	MODE PIN NO.	STOP
IC1001		46	4.9	IC3101		8	0.1	2	0	57	5.9	C	3.5	Q3375		B	3.1	TP1007	0
1	5.2	47	3.0	1	0	9	0.1	3	2.4	58	12.1	B	0	E	2.7	Q3702		TP1009	0
2	4.2	48	2.7	2	0	10	0	4	0	59	5.9	Q3091		C	5.1	E	0	TP1050	5.2
3	1.4	49	5.0	3	0	11	0.1	5	2.4	60	0.1	E	2.9	B	2.3	C	0	TP1058	12.1
4	1.4	50	---	4	0	12	0	6	2.5	61	2.5	C	4.9	Q3376		B	1.8	TP1080	24.5
IC1002		51	2.9	5	0	13	0	7	0	62	2.5	B	2.2	E	2.7	Q3751		TP1081	14.9
1	2.5	52	---	6	5.1	14	0	8	0.4	63	0.1	Q3101		C	5.1	E	4.9	TP3001	2.8
2	0	53	2.6	7	1.7	IC3791		9	0	64	0.6	E	2.8	B	2.0	C	4.9	TP3002	0.9
3	4.2	54	---	8	0	1	5.0	10	0			C	0	Q3377		B	4.9	TP3003	0
IC3001		55	0	IC3201		2	0.1	11	0	Q1001		B	2.1	E	2.1	Q3752		TP3005	0.2
1	0.9	56	5.1	1	0	3	---	12	0	E	0	Q3103		C	5.1	E	2.9	TP3006	3.0
2	2.9	57	0.1	2	0	4	0	13	0	C	135.6	E	1.9	B	2.7	C	4.9	TP3007	1.5
3	2.6	58	-	3	5.1	5	---	14	0	B	0.3	C	0	Q3378		B	3.6	TP3009	0
4	2.0	59	2.2	4	0	6	0	15	0.1	Q1002		B	2.5	E	2.8	Q3753		TP3010	4.9
5	2.0	60	0	5	2.4	7	0	16	0.1	E	0	Q3151		C	0	E	2.9	TP3011	0
6	2.5	61	0.1	6	2.1	8	0	17	0.8	C	0.3	E	2.7	B	2.2	C	4.9	TP3012	0.1
7	3.0	62	0.1	7	0	IC3801		18	2.5	B	0.6	C	0	Q3401		B	1.8	TP3101	0
8	0.2	63	---	8	5.1	1	5.1	19	2.5	Q1051		B	2.0	E	3.5	Q3756		TP3201	2.2
9	2.7	64	---	9	2.5	2	1.1	20	2.0	E	12.1	Q3152		C	5.0	E	0.2	TP3202	1.9
10	2.5	65	0.1	10	2.5	3	0	21	2.1	C	15.5	E	3.5	B	2.9	C	4.8	TP3401	2.4
11	3.2	66	0.1	11	2.0	4	0.1	22	2.1	B	12.7	C	0	Q3402		B	0.9	TP3402	2.8
12	2.9	67	---	12	10.4	5	2.4	23	0	Q1052		B	2.8	E	3.8	Q3791		TP3403	2.8
13	3.2	68	0.1	13	0	6	---	24	2.1	E	0.6	Q3221		C	5.0	E	0	TP3701	2.5
14	2.5	69	0	14	3.8	7	0	25	5.1	C	12.7	E	4.7	B	3.2	C	4.9	TP3702	3.2
15	0	70	0.1	15	0	8	0	26	2.1	B	0	C	0	Q3403		B	3.0	TP3801	0
16	2.9	71	2.4	16	0	9	---	27	0	Q1053		B	0	E	1.8	Q3801		TP3802	5.0
17	1.6	72	0	17	0	10	3.1	28	0.8	E	5.2	Q3222		C	11.5	E	2.1	TP3803	1.7
18	2.9	73	1.2	18	0	11	0.1	29	1.5	C	5.3	E	0	B	2.4	C	0	TP3804	0
19	3.5	74	0	19	0	12	0.1	30	0.8	B	5.9	C	5.0	Q3404		B	0	TP3805	0.1
20	2.8	75	0.1	20	5.1	13	1.7	31	0	Q1080		B	5.0	E	11.5	Q3871		TP3806	5.0
21	2.2	76	0	IC3401		14	0	32	0	E	24.6	Q3291		C	2.8	E	2.1	TP3807	5.1
22	2.9	77	---	1	0	15	0	33	0	C	14.9	E	0	B	12.1	C	0	TP4002	0
23	0.1	78	0	2	0	16	0.1	34	0.1	B	24.6	C	5.3	Q3405		B	2.7	TP4011	0
24	4.9	79	5.1	3	0	17	---	35	2.6	Q1081		B	0.1	E	2.9	Q4001		TP4101	0
25	0.5	80	5.1	4	2.4	18	0	36	0	E	0	Q3292		C	5.0	E	4.4	TP4102	0
26	0	81	0	5	0	19	2.3	37	1.7	C	24.6	E	5.2	B	2.3	C	5.1	TP4103	0
27	1.8	82	0	6	0	20	0	38	0	B	0	C	0.1	Q3501		B	5.1	TP4201	0
28	3.0	83	0	7	0.1	21	0	39	---	Q1082		B	0	E	0	Q4002		TP4202	0
29	1.9	84	2.5	8	5.1	22	2.0	40	5.0	E	15.5	Q3371		C	5.4	E	0	TP4203	0
30	2.2	85	2.5	9	0	23	0.1	41	0	C	15.5	E	1.1	B	0	C	-0.1	TP4204	0
31	0.1	86	2.5	10	0	24	1.8	42	4.8	B	14.8	C	0	Q3502		B	0.8	TP4205	1.5
32	0	87	5.1	11	0	25	5.0	43	4.9	Q1083		B	1.7	E	0	Q4003		TP4207	0.8
33	4.9	88	0.1	12	0	26	---	44	2.4	E	0.7	Q3372		C	0	E	0	TP4208	0.4
34	0.1	89	0.1	13	0	27	2.4	45	4.6	C	0.1	E	2.4	B	0	C	0		
35	4.9	90	0	14	0	28	3.0	46	3.6	B	0	C	0	Q3503		B	0.8		
36	0	91	0	15	0	29	2.5	47	0.1	Q3004		B	1.8	E	0	Q4101			
37	0	92	2.9	16	5.1	30	3.1	48	2.3	E	1.8	Q3373		C	0.1	E	0		
38	---	93	0	IC3701		31	3.4	49	2.2	C	5.1	E	2.7	B	0	C	0		
39	0	94	0	1	5.2	32	2.5	50	0	B	1.5	C	5.1	Q3504		B	0		
40	0	95	2.7	2	0.1	33	0	51	5.1	Q3006		B	2.3	E	0				
41	2.8	96	2.6	3	5.0	34	0	52	3.5	E	0	Q3374		C	0.1	TP1001	0		
42	2.2	97	2.6	4	3.5	35	5.0	53	0.1	C	3.5	E	3.2	B	0	TP1002	34.2		
43	0	98	0.1	5	0	36	0	54	2.5	B	0	C	0	Q3701		TP1003	15.5		
44	2.3	99	2.5	6	0	IC4201		55	0	Q3007		B	2.6	E	2.5	TP1005	5.3		
45	0	100	2.9	7	0	1	0	56	0	E	0.1			C	0	TP1006	5.7		

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

MODE PIN NO.	REC	PLAY
IC2601		
1	14.4	14.4
2	14.4	14.4
3	14.9	14.9
4	1.2	1.2
5	5.2	5.2
6	0.9	0.9
7	1.0	1.0
8	0.6	0.6
9	3.0	2.8
10	1.5	1.5
11	0	0
12	3.9	3.9
13	3.9	3.9
14	3.9	3.9
15	0.1	0.1
16	14.4	14.5
IC6001		
1	5.2	5.2
2	1.7	1.7
3	---	---
4	---	0
5	5.3	5.2
6	0	0
7	0	0
8	5.0	5.0
9	5.0	0
10	5.0	5.0
11	5.0	5.0
12	5.0	5.0
13	5.1	5.1
14	0	0
15	5.0	5.0
16	4.9	4.9
17	5.1	5.1
18	0.1	0.1
19	5.1	5.1
20	4.9	---
21	4.8	4.8
22	0	0
23	5.1	0
24	0	0
25	2.4	2.4
26	0	0
27	0	0
28	---	---
29	0	2.6
30	0.1	0
31	0.1	0
32	0	3.1
33	0	0
34	5.0	5.0
35	0	0
36	5.1	0
37	2.4	0

MODE PIN NO.	REC	PLAY
38	2.5	2.5
39	2.6	2.6
40	5.1	5.1
41	0.1	0
42	0	---
43	0.1	0.1
44	0	5.1
45	0	0
46	0	0.1
47	0	0
48	0	0
49	5.1	5.1
50	0	5.1
51	0	0
52	2.1	0
53	0.1	0
54	0.1	2.2
55	0.1	0.1
56	2.0	0
57	2.8	0
58	0	0
59	2.6	0.1
60	2.6	0
61	0	0
62	0.1	0
63	0	0
64	0.1	0.1
65	0	0
66	0	0
67	0	0.1
68	0	0
69	0	0
70	0	0
71	0	0
72	0	0.2
73	0	0
74	0	1.2
75	---	---
76	2.6	0.1
77	0	0
78	0.1	2.6
79	0.1	0.1
80	0	0
81	2.0	0
82	0	5.1
83	0	0
84	0	0
85	2.6	0
86	5.1	0
87	4.9	0
88	5.0	0
89	4.3	0
90	0	0
91	0	2.1
92	0	0.1

MODE PIN NO.	REC	PLAY
93	0	0
94	0	0
95	0	0
96	0	4.9
97	0	0
98	0	0
99	5.1	5.1
100	0	0
101	0	0.1
102	0	0
103	0	5.2
104	5.1	0
105	0.1	0
106	0	0
107	0	5.2
108	0	0.1
109	0	0
110	0	2.6
111	0	0
112	0	0
IC6002		
1	1.2	1.2
2	0	0
3	0	0
4	1.4	---
IC6003		
1	2.4	2.4
2	1.2	1.2
3	0	0
4	5.1	0.2
IC6004		
1	5.2	5.2
2	5.2	5.2
3	0	0
IC6005		
1	0	0
2	0	0
3	0	0
4	0	0
5	4.9	0
6	4.8	4.8
7	0	0
8	5.3	5.3
IC6301		
1	0	0
2	0	0
3	5.1	0
4	4.9	0
5	---	---
6	0	0
7	0	0
8	4.6	0
9	0	0
10	0	0
11	4.7	0

MODE PIN NO.	REC	PLAY
12	0	0
13	0	0
14	2.9	0
15	0	0
16	0	2.5
17	0	0
18	0	3.1
19	0	0
20	0.1	3.1
21	3.6	0
22	0	3.1
23	---	---
24	0	2.6
25	0.1	0.1
26	---	---
27	1.4	1.4
28	0	0
Q6001		
E	0	0
C	---	---
B	0	0
Q6002		
E	12.1	12.1
C	11.9	0
B	11.3	12.1
Q6003		
E	5.1	0.2
C	11.3	12.1
B	4.5	0
Q6005		
E	4.4	4.4
C	5.1	5.2
B	5.3	5.3
Q6006		
E	0.7	0.7
C	0	0.1
B	0	0
Q6007		
E	5.1	5.2
C	5.1	5.1
B	0.1	0.1
Q6009		
E	0	0
C	5.0	5.0
Q6010		
E	0	0
C	4.9	0.1
Q6301		
E1	5.1	5.0
C1	-0.8	-1.2
B1	0	5.0
E2	5.1	5.0
C2	0.1	-1.1
B2	5.0	5.0

MODE PIN NO.	REC	PLAY
Q6302		
E1	5.1	5.0
C1	-0.9	-1.0
B1	5.0	5.0
E2	5.1	5.0
C2	-0.7	-1.2
B2	5.0	4.9
Q6303		
E	5.0	5.0
C	-1.5	-1.2
B	0	5.0
TP6001	5.1	5.2
TP6002	5.2	0.1
TP6003	0	0
TP6004	5.0	5.0
TP6005	4.9	0.1
TP6007	0	0
TP6008	0	0
TP6009	5.3	5.3
TP6010	4.9	4.9
TP6011	4.8	4.8
TP6014	0	0
TP6017	0	0
TP6018	5.2	0
TP6019	0	0
TP6101	0.1	0
TP6102	-	-
TP6103	1.7	0.1
TP6104	0.1	0
TP6105	5.1	0
TP6106	0.1	0
TP6107	5.1	0.1
TP6201	2.4	2.4
TP6202	0.1	2.5
TP6203	2.6	2.6
TP6204	1.2	0.7
TP6205	0	0
TP6206	3.0	2.0
TP6207	0	2.6
TP6208	0	0.1
TP6209	2.4	2.4
TP6210	5.1	5.1
TP6301	0	0.1
TP6302	5.1	5.1
TP6303	3.9	0
TP6304	0.1	5.0
TP6305	0	0
TP6306	0.1	5.0

CAPSTAN STATOR C.B.A.

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OPERATION
C.B.A.

[illegible]