

VOLTAGE CHARTS

Preamp

MODE/ PIN NO.	PREAMP (HI-FI)						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC401						
1	2.9	3.6	2.8	2.9	2.9	2.9	2.9
2	0	0	0	0	0	0	0
3	0	3.1	0	0	0	0	0
4	0	0.7	0	0	0	0	0
5	1.8	1.8	1.8	1.8	1.8	1.8	1.8
6	0	1.4	1.4	1.4	1.4	1.4	1.4
7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
8	0	1.6	1.5	1.1	0.4	0.3	0.3
9	0	3.1	3.1	3.1	0	3.1	1.5
10	0	1.1	1.1	1.1	1.1	1.1	1.1
11	0.3	2.4	0.3	2.4	0.3	0.3	0.3
12	1.0	0.6	3.5	0.9	2.5	2.5	2.5
13	1.9	1.6	1.8	3.6	1.8	1.8	1.8
14	0	0	0	0	0	0	0
15	0	3.4	1.2	1.1	0.5	0.3	0.3
16	0	3.4	1.3	0	0.5	0	0.3
17	0	5.0	0	0	0	0	0
18	2.6	2.6	2.6	2.6	2.6	2.6	2.6
19	5.2	5.1	5.2	5.2	5.2	5.2	5.2
20	5.2	4.2	5.2	5.2	5.2	5.2	5.2
21	0	1.6	1.8	1.9	1.9	1.9	1.9
22	2.1	1.5	2.1	0.8	2.1	0.8	1.5
23	2.1	1.5	2.1	0.8	2.0	0.8	1.5
24	0	2.6	0	0	0	0	0
25	2.1	1.5	2.1	0.8	2.1	0.8	1.5
26	0	0	0	0	0	0	0
27	0.8	4.1	0.8	2.1	0.8	2.1	1.4
28	0.8	4.0	0.8	2.1	0.8	2.1	1.4
29	0	2.6	0	0	0	0	0
30	0.8	4.1	0.8	2.1	0.8	2.1	1.4
31	0	0	0	0	0	0	0
32	2.2	4.1	2.2	2.2	2.2	2.2	2.2
33	2.2	4	2.2	2.2	2.2	2.2	2.2
34	0	2.6	0	0	0	0	0
35	2.2	4.1	2.2	2.2	2.2	2.2	2.2
36	5.2	5.1	5.2	5.2	5.2	5.2	5.2

Power Supply

MODE/ PIN NO.	POWER SUPPLY						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC801						
1	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2	4.8	4.8	4.8	4.8	4.8	4.8	4.8

MODE/ PIN NO.	POWER SUPPLY						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC802						
1	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2	0	0	0	0	0	0	0
3	4.9	4.9	4.9	4.9	4.9	4.9	4.9

MODE/ PIN NO.	Q803						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	0	0	0	0	0	0
C	10	10	10	10	10	10	10
B	0	0	0	0	0	0	0

MODE/ PIN NO.	Q804						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	10	10	10	10	10	10	10
C	10	10	10	10	10	10	10
B	9.3	9.3	9.3	9.3	9.3	9.3	9.3

MODE/ PIN NO.	Q805						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	5.3	5.3	5.3	5.3	5.3	5.3	5.3
C	5.9	5.9	5.9	5.9	5.9	5.9	5.9
B	5.9	5.9	5.9	5.9	5.9	5.9	5.9

MODE/ PIN NO.	Q806						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	5.1	5.1	5.1	5.1	5.1	5.1	5.1
C	12.1	12.1	12.1	12.1	12.1	12.1	12.1
B	5.7	5.7	5.7	5.7	5.7	5.7	5.7

VOLTAGE CHARTS

Video (Luma/Chroma) & Linear Audio

MODE/ PIN NO.	VIDEO/AUDIO (HI-FI)						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC301						
1	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2	2.5	2.5	0.5	0.3	0	2.5	0
3	5.1	1.5	5.1	5.1	5.1	5.1	5.1
4	0	0.9	0	0	0	0	0
5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
6	2.5	2.6	2.5	2.5	2.5	2.5	2.5
7	2.5	2.5	2.4	2.4	2.4	2.4	2.4
8	2.5	2.4	2.4	2.4	2.4	2.4	2.4
9	2.5	3.2	0	2.4	2.4	2.4	2.4
10	2.3	2.3	2.3	2.3	2.3	2.3	2.3
11	3	3.0	0	1.3	0	3.0	0
12	1.8	1.9	1.9	1.9	1.9	1.9	1.9
13	1.6	1.7	0	0	0	1.7	0
14	0	0	3.3	3.3	3.3	0	3.3
15	0	0.1	0	4.8	4.8	4.8	4.8
16	4.2	4.1	4.0	5.0	4.0	4.0	4.0
17	4	3.8	3.7	0.1	4.0	4.0	4.0
18	0	4.3	0	0	0	0	0
19	0	0	2.3	2.3	2.3	0	2.3
20	0	0	2.1	2.1	2.1	0	2.1
21	3	3.1	3.0	3.0	3	3	3
22	2.5	2.4	2.5	2.5	2.5	2.5	2.5
23	2.6	2.6	2.6	2.6	2.6	2.6	2.6
24	0	0	0	0	0	0	0
25	2.5	2.5	2.3	2.3	2.3	2.3	2.3
26	3	3.0	3.0	0	3	3	3
27	3	3.0	2.9	0	3	3	3
28	2.5	2.7	2.7	2.7	2.7	2.7	2.7
29	2	2.0	2.0	1.9	2.0	2.0	2.0
30	3	2.9	3.1	3.1	3	3	3
31	0.5	0.6	0.6	0.6	0.6	0.6	0.6
32	0	0	0	0.2	0	0	0
33	1.8	1.7	1.7	1.7	1.7	1.7	1.7
34	5.2	5.1	5.1	5.1	5.1	5.1	5.1
35	2.6	2.6	2.5	2.5	2.5	2.5	2.5
36	4.1	4.1	4.0	4.0	4.0	4.0	4.0

MODE/ PIN NO.	VIDEO/AUDIO (HI-FI)						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC301						
37	2.6	2.6	2.6	2.6	2.6	2.6	2.6
38	2.3	2.2	2.1	2.1	2.1	2.1	2.1
39	2.5	2.5	2.5	2.5	2.5	2.5	2.5
40	1.6	1.6	1.7	1.7	1.7	1.7	1.7
41	2.2	2.2	2.2	2.1	2.1	2.1	2.1
42	2.6	2.6	2.6	2.6	2.6	2.6	2.6
43	0.4	0.4	0.4	0.4	0.4	0.4	0.4
44	2.8	2.8	2.3	2.3	2.3	2.3	2.3
45	0	0	0	0	0	0	0
46	3.9	3.8	3.8	3.8	3.8	3.8	3.8
47	3.9	4.2	3.9	3.9	3.9	3.9	3.9
48	5.2	5.2	5.1	5.1	5.1	5.1	5.1
49	4.1	4.1	4.0	4.0	4.0	4.0	4.0
50	2.6	2.6	2.6	0	2.6	2.6	2.6
51	2.2	2.2	2.2	2.2	2.2	2.2	2.2
52	2.1	2.1	2.1	2.1	2.1	2.1	2.1
53	0	0	0	0	0	0	0
54	2.5	2.5	2.4	2.4	2.4	2.4	2.4
55	0	0	0	0	4.6	0	4.6
56	2.5	2.5	2.4	2.4	2.4	2.4	2.4
57	0.7	0	0	0	0	0	0
58	2.5	2.5	2.4	2.4	2.4	2.4	2.4
59	0	0	0	0	0	0	0
60	2.5	2.5	2.5	2.5	2.5	2.5	2.5
61	2.5	2.5	2.4	2.4	2.4	2.4	2.4
62	5.2	5.2	5.2	5.2	5.2	5.2	5.2
63	2.5	2.5	2.5	2.5	2.5	2.5	2.5
64	2.5	2.5	0	2.5	2.5	2.5	2.5

VOLTAGE CHARTS

Video (Luma/Chroma) & Linear Audio (Continued)

MODE/ PIN NO.	CCD						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC302						
1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2	0	0	0	0	0	0	0
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4	0	0	0	0	0	0	0
5	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
7	0	0	0	0	0	0	0
8	5.2	5.2	5.2	5.2	5.2	5.2	5.2

MODE/ PIN NO.	Q201						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	-18.5	0	0	0	0	0
C	0	0	0	0	0	0	0
B	0.7	-28.5	0.7	0.7	0.7	0.7	0.7

MODE/ PIN NO.	Q202						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	-18.5	0	0	0	0	0
C	0	0	0	0	0	0	0
B	0.7	-28.5	0.7	0.7	0.7	0.7	0.7

MODE/ PIN NO.	Q203						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	5.2	5.1	5.1	5.1	5.1	5.1	5.1
C	5.2	-29.1	5.1	5.1	5.1	5.1	5.1
B	4.5	5.1	4.5	4.5	4.5	4.5	4.5

MODE/ PIN NO.	Q204						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	5.6	1.3	5.5	5.6	5.6	5.6	5.6
C	5.9	5.4	5.8	5.9	5.9	5.9	5.9
B	5.9	1.8	5.9	5.9	5.9	5.9	5.9

MODE/ PIN NO.	Q205						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	0	0	0	0	0	0
C	5.6	1.1	5.6	5.6	5.6	5.6	5.6
B	0	0.9	0	0	0	0	0

MODE/ PIN NO.	Q301						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	2.0	2.0	2.0	2.0	2.0	2.0	2.0
C	5.2	5.1	5.1	5.2	5.2	5.2	5.2
B	2.6	2.6	2.6	2.6	2.6	2.6	2.6

MODE/ PIN NO.	Q302						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	1.9	1.6	1.7	1.6	1.6	1.6	1.6
C	5.2	5.1	5.1	5.1	5.1	5.1	5.1
B	2.6	2.3	2.3	2.3	2.3	2.3	2.3

MODE/ PIN NO.	Q303						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	0	1.6	0	0	0	0
C	5.2	5.1	0	0	0	0	0
B	0	0.1	2.3	0.1	0.1	0.1	0.1

MODE/ PIN NO.	Q352						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	1.9	1.8	1.9	1.8	1.8	1.8	1.8
C	0	0	0	0	0	0	0
B	1.3	1.1	1.3	1.1	1.1	1.1	1.1

VOLTAGE CHARTS**PIF & MPX (Hi-Fi)**

MODE/ PIN NO.	TMI						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	RF101						
1	0	0	0	0	0	0	0
2	2.9	2.9	2.8	2.8	2.4	2.4	2.4
3	5.2	5.2	5.1	5.1	5.1	5.2	5.2
4	5.1	5.1	5.0	5.0	5.3	5.2	5.3
5	1.6	1.6	1.6	1.5	1.6	1.6	1.5
6	5.2	5.2	5.2	5.2	5.2	5.2	5.2
7	31.5	31.5	31.5	31.5	31.7	31.7	31.7
8	0	0	0	0	0	0	0
9	5.1	5.1	5.0	5.0	5.3	5.3	5.3
10	0	0	0	0	0	0	0
11	5.0	5.0	5.1	4.9	5.0	5.0	5.0
12	0	0	0	0	0	0	0
13	9.2	9.2	9.2	9.2	9.2	9.2	9.2
14	4.6	4.6	4.5	4.5	4.4	4.3	4.3
15	0	0	0	0	0	0	0
16	4.4	4.4	4.4	4.4	4.4	4.4	4.4
17	9.0	9.0	9.0	9.0	0	0	0
18	6.2	6.2	6.2	6.2	6.2	6.2	6.2

MODE/ PIN NO.	Q101						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0
B	5.1	5.0	5.0	5.1	5.1	5.1	5.1

MODE/ PIN NO.	Q102						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	3.2	3.1	3.1	3.1	3.2	3.1	3.1
C	0	0	0	0	0	0	0
B	2.5	2.4	2.4	2.4	2.5	2.4	2.4

MODE/ PIN NO.	Q103						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	0	0	0	0	0	0
C	0.6	0.6	0.4	0.5	0	0.6	0
B	0	0	0	0	5.3	0	5.4

MODE/ PIN NO.	PIF & MPX						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC101						
1	9.3	9.3	9.3	9.3	9.3	9.3	9.3
2	4.7	4.7	4.7	4.7	4.7	4.7	4.6
3	4.7	4.7	4.7	4.7	4.7	4.7	4.6
4	4.7	4.7	4.7	4.7	4.7	4.7	4.6
5	0	0	0	0	0	0	4.6
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	5.0	5.0	5.0	5.0	5.0	5.0	5.1
10	5.2	5.2	5.2	5.2	5.2	5.2	5.2
11	5.2	5.2	5.2	5.2	5.2	5.2	5.2
12	4.7	4.7	4.6	4.6	4.6	4.6	4.6
13	0	0	0	0	0	0	0

VOLTAGE CHARTS

Servo/Syscon/Timer u-COM

MODE/ PIN NO.	SERVO & SYSCON						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC601						
1	5.2	5.2	5.1	5.1	5.1	5.1	5.1
2	0	0	0	0	0	0	0
3	5.2	5.1	5.1	5.1	5.1	5.1	5.1
4	5.2	5.1	5.1	5.1	5.1	5.1	5.1
5	1.0	1.0	0.9	0.9	0.9	0.9	0.9
6	5.2	5.1	5.1	5.1	5.1	5.1	5.1
7	5.2	5.1	5.1	5.1	5.1	5.1	5.1
8	5.1	0	0	0	0	0	0
9	2.7	2.7	2.7	2.7	2.7	2.7	2.7
10	5.2	5.1	5.1	5.1	5.1	5.1	5.1
11	3.6	3.6	3.7	3.7	3.7	3.7	3.7
12	1.5	1.2	3.7	1.6	2.6	2.3	2.9
13	5.1	0	0	0	0	0	0
14	5.1	5.0	5.1	5.0	5.0	5.0	5.0
15	5.3	5.3	5.3	5.3	5.3	5.3	5.3
16	5.0	5.0	5.0	5.0	5.0	5.0	5.0
17	5.2	5.1	5.1	5.1	5.1	5.1	5.1
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	5.1	5.1	5.0	5.0	5.0	5.0	5.0
22	5.1	5.1	5.0	5.0	5.0	5.0	5.0
23	0	2.5	2.5	2.5	2.5	2.5	2.5
24	0	2.5	2.5	2.5	2.5	2.5	2.5
25	0	2.5	2.7	2.7	2.7	2.7	2.7
26	0	2.4	2.4	2.3	2.3	2.3	2.3
27	0	0	0	5.0	0.2	0	0.2
28	5.1	2.5	2.5	2.5	2.5	2.5	0
29	5.1	5.0	5.0	5.0	5.0	5.0	2.5
30	0	0	0.5	0.5	0	0	0.1
31	2.6	2.8	2.5	2.5	2.5	2.5	2.5
32	2.6	2.1	2.5	2.5	2.5	2.5	2.5
33	0	0	0	0	0	0	0
34	0	0	0.2	2.5	2.5	2.5	0
35	2.6	2.5	2.5	2.5	2.5	2.5	2.5
36	2.6	2.5	2.5	2.5	2.5	2.5	2.5

MODE/ PIN NO.	SERVO & SYSCON						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC601						
37	2.6	2.5	2.5	2.5	2.5	2.5	2.5
38	4.1	2.4	2.5	2.4	2.4	2.4	2.4
39	0.6	3.9	3.9	3.9	3.9	3.9	3.9
40	0.4	2.5	2.4	2.4	2.4	0.4	0.4
41	5.2	5.1	5.1	5.1	5.1	5.1	5.1
42	5.3	5.2	5.2	5.2	5.2	5.2	5.2
43	2.4	2.4	2.4	1.4	1.4	2.5	2.7
44	1.4	1.4	1.4	1.4	1.4	1.4	1.4
45	2.5	2.5	2.4	2.4	1.9	2.4	2.4
46	0	0	0.5	0.6	0.1	0.1	0.3
47	2.9	2.9	2.9	3.0	3.0	3.0	3.0
48	1.6	1.5	1.5	1.9	1.9	1.9	1.9
49	0	0	0	0	0	0	0
50	1.4	0	0	0	0	0	0
51	1.3	0	0	0	0	0	0
52	2.4	2.4	2.4	2.4	2.4	2.4	2.4
53	2.4	2.4	2.4	2.4	2.4	2.4	2.4
54	0.6	0.6	0.6	0.6	0.6	0.6	0.6
55	0	0	0	0	0	0	0
56	4.0	3.8	3.5	3.6	3.6	3.6	3.6
57	4.2	4.0	3.7	3.9	3.9	3.9	3.9
58	0	0	0	4.8	4.8	4.8	4.8
59	4.1	4.1	4.0	0	0	0	0
60	0	5.2	5.2	5.2	5.2	5.2	5.2
61	5.2	5.2	5.2	5.2	5.2	5.2	5.2
62	5.2	5.2	5.2	0	0	5.2	5.2
63	5.2	0	0	5.2	5.2	0	0
64	2.7	2.7	2.7	2.7	2.7	2.7	0
65	5.0	0	0	5.0	5.0	0	0
66	5.0	5.0	5.0	5.0	5.0	5.0	5.0
67	5.1	3.0	2.4	2.2	2.2	5	0
68	0	0	0	0	0	0	0
69	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70	1.3	1.3	1.1	1.2	1.2	1.2	1.2
71	0	0	0	0	0	0	0
72	2.4	2.4	2.4	2.3	2.3	2.3	2.3

VOLTAGE CHARTS

Servo/Syscon/Timer u-COM (Continued)

MODE/ PIN NO.	SERVO & SYSCON						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC601						
73	2.4	2.4	2.4	2.4	2.4	2.4	2.4
74	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75	0.2	0.2	0.2	0.2	0.2	0.2	0.2
76	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0
81	0	0	0	5.0	5.0	5.0	5.0
82	5.3	5.2	5.2	5.2	5.2	5.2	5.2
83	5.1	5.1	5.0	5.0	5.0	5.0	5.0
84	0	5.1	0	0	0	0	0
85	0	0	1.5	0.5	0.5	0.2	0.2
86	0	0	0	0	0	0	0
87	0.3	015.0	015.0	0	2.5	5	5
88	0	015.0	015.0	2.7	2.7	5	5
89	0	0	0	0	0	0	0
90	0	0	1.3	0.6	0.1	0.2	0.2
91	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0
94	0.5	0.5	0.5	0.5	0.5	0.5	0.5
95	5.1	5.0	5.0	5.0	5.0	5.0	5.0
96	5.2	5.2	0	5.2	5.2	5.2	5.2
97	0.3	1.0	8	0	0.2	0.3	0.3
98	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0
100	5.1	5.1	5.0	5.0	5.0	5.0	5.0

MODE/ PIN NO.	SERVO & SYSCON (RESET)						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC604						
1	5.1	5.0	5.0	5	5	5	5
2	0	0	0	0	0	0	0
3	5.0	5.0	5.0	5	5	5	5

MODE/ PIN NO.	SERVO & SYSCON						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC603						
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	5.1	3.8	3.7	3.5	3.5	3.5	3.5
6	5.1	4.0	4.0	4.0	4.0	4.0	4.0
7	0	0	0	0	0	0	0
8	5.2	5.1	5.1	5.1	5.1	5.1	5.1

VOLTAGE CHARTS

Servo/Syscon/Timer u-COM (Continued)

MODE/ PIN NO.	LOGIC (VFD DISPLAY)						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC701						
1	0	0.5	0.3	0.3	0.3	0.3	0.1
2	0	0.5	0.3	0.3	0.3	0.3	0.2
3	0	0.5	0.3	0.3	0.3	0.3	0.1
4	2.5	2.4	2.4	2.4	2.4	2.4	2.4
5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
6	5.2	5.1	5.1	5.1	5.1	5.1	5.1
7	5.1	5	5.0	5.1	5.1	5	5
8	5.2	5	55.1	5.1	5.1	5.1	5.1
9	0	0	0	0	0	0	0
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5
11	-22.4	-22.7	-22.3	-22	-22	-22	-22
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	1.0	0	0	1.0	1.0	1.0	1
16	-22.2	-22.5	-12	-22	-22	-22	-22
17	-18.2	-18.7	-18	-18	-18	-18	-18
18	-10.9	-15.0	-14	-14	-14	-14	-14
19	-18.3	-18.7	-18.4	-18	0	0	-18
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	-22.2	-18.7	-22.1	-14.7	-14.7	-14.7	-22
23	-7.2	-15.0	-10	-14.7	-14.7	-14.7	-21
24	-22.0	-11.2	-7.3	-10.9	-11	-11	-21
25	-22.0	-11.2	-10.9	-11.0	-14	-14	-22
26	-22.1	-15	-15.0	-15	-15	-15	-22
27	0	-22.6	-15.1	-15	-15	-15	-22
28	0	-19.1	-11.9	-15.3	-18	-18	-22
29	-22.3	-12	-15.4	-15	-15	-15	-22
30	-22.3	-22.6	-22.2	-22.1	-22	-22	-22
31	-22.3	-22.3	-22	-22.2	-22	-22	-22
32	-19.1	-19.5	-19	-19.2	-19	-19	-19
33	-19.1	-19.5	-19	-19.2	-19	-19	-19
34	-19.1	-19.5	-19	-19.2	-19	-19	-19
35	-19.1	-19.5	-19.2	-19.2	-19	-19	-19
36	-19.1	-19.5	-19.2	-19.2	-19	-19	-19

MODE/ PIN NO.	LOGIC (VFD DISPLAY)						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC701						
37	-19.1	-19.5	-19.2	-19.2	-19	-19	-19
38	0	0	0	0	0	0	0
39	0	1.0	0.7	0.7	0.7	0.7	0.7
40	5.0	5.0	5.0	5.0	5.0	5.0	5.0
41	0	0	0	0	0	0	0
42	0	0.5	0.3	0.3	0.3	0.3	0.3

MODE/ PIN NO.	Q601						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	0	0	0	0	0	0
C	5.9	5.9	5.9	5.9	5.9	5.9	5.9
B	0.2	0.2	0.2	0.2	0.2	0.2	0.2

MODE/ PIN NO.	Q602						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	5.9	5.9	5.9	5.9	5.9	5.9	5.9
C	5.9	5.9	5.9	5.9	5.9	5.9	5.9
B	5.2	5.2	5.2	5.2	5.2	5.2	5.2

MODE/ PIN NO.	Q603						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	5.9	5.9	5.9	5.9	5.9	5.9	5.9
C	5.9	5.9	5.9	5.9	5.9	5.9	5.9
B	5.2	5.2	5.2	5.2	5.2	5.2	5.2

MODE/ PIN NO.	Q604						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
E	0	0	0	0	0	0	0
C	5.9	5.9	5.9	5.9	5.9	5.9	5.9
B	0.2	0.2	0.2	0.2	0.2	0.2	0.2

VOLTAGE CHARTS

Hi-Fi Audio

MODE/ PIN NO.	HI-FI AUDIO						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC251						
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	4.4	4.2	4.1	4.2	4.2	4.3	4.3
6	4.1	3.9	4.2	3.9	3.8	4.2	4.2
7	0	0	0	0	0	0	0
8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
9	-4.8	-4.8	-4.8	-4.8	-4.9	-5.0	-5.0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	2.9	3.5	2.8	2.8	2.8	2.8	2.8
14	4.1	4.1	3.9	4.0	0	4.0	0
15	0	0	0	0	0	0	0
16	0	0	2.0	0	1.9	0	1.9
17	2.5	2.5	2.5	2.5	2.4	2.5	2.5
18	5.1	5.1	5.0	5.1	5.0	5.0	5.0
19	1.9	0.2	0.9	1.1	0.4	1.0	0.3
20	0	2.7	2.7	2.7	2.6	2.6	0
21	0	3.3	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8	-4.8
26	0	0	0	0	0	0	0
27	-5.0	-4.3	-4.4	-4.4	-5.0	-5.0	-5.0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0
35	2.6	2.4	2.6	2.6	2.6	2.5	2.5
36	5.1	5.1	5.0	5.0	5.0	5.1	5.0

MODE/ PIN NO.	HI-FI AUDIO						
	STOP	REC	PLAY	REW/ F. FWD	RV/FWD SRCH	REC PAUSE	PLAY PAUSE
	IC251						
37	0.3	0.2	0	0.3	0	0.3	0
38	0	0	0	0	0	0	0
39	-5.1	-5.1	-5.0	-5.1	-5.1	-5.1	-5.1
40	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0
42	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2	-5.2
43	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0