























VOLTAGE CHARTS

SPHE8281DL(U3)							
PIN NO.	DVD PB	PIN NO.	DVD PB	PIN NO.	DVD PB	PIN NO.	DVD PB
1	1.623	64	3.232	127	ADDR.BUS	190	3.173
2	0.086	65	0.005	128	0	191	0
3	0.504	66	3.206	129	ADDR.BUS	192	0.68
4	2.036	67	5.01	130	ADDR.BUS	193	0.694
5	0.955	68	5.01	131	ADDR.BUS	194	3.174
6	2.036	69	3.09	132	3.24	195	0.708
7	2.035	70	3.037	133	ADDR.BUS	196	0
8	2.035	71	0.03	134	ADDR.BUS	197	3.158
9	2.035	72	3.131	135	ADDR.BUS	198	3.58
10	2.037	73	4.649	136	3.241	199	1.574
11	2.031	74	0.247	137	ADDR.BUS	200	1.619
12	2.034	75	2.365	138	ADDR.BUS	201	0.007
13	2.042	76	ADDR.BUS	139	ADDR.BUS	202	0.007
14	0.745	77	1.601	140	ADDR.BUS	203	0.007
15	0.735	78	0.017	141	0.003	204	3.105
16	2.039	79	0	142	0.003	205	0.003
17	2.029	80	0.43	143	3.219	206	1.603
18	0	81	0.002	144	3.219	207	0.061
19	0	82	0.002	145	DATA.BUS	208	0.058
20	3.197	83	0	146	DATA.BUS	209	3.151
21	3.196	84	3.147	147	DATA.BUS	210	3.191
22	0	85	0	148	DATA.BUS	211	0.414
23	0	86	1.747	149	DATA.BUS	212	3.114
24	3.196	87	DATA.BUS	150	0	213	0.901
25	2.031	88	DATA.BUS	151	DATA.BUS	214	0.908
26	1.645	89	DATA.BUS	152	DATA.BUS	215	2.311
27	1.625	90	DATA.BUS	153	DATA.BUS	216	2.311
28	0.92	91	DATA.BUS	154	ADDR.BUS		
29	0.906	92	3.238	155	ADDR.BUS		
30	0.885	93	DATA.BUS	156	ADDR.BUS		
31	0.904	94	DATA.BUS	157	ADDR.BUS		
32	1.096	95	DATA.BUS	158	ADDR.BUS		
33	1.096	96	3.238	159	ADDR.BUS		
34	0.243	97	3.238	160	ADDR.BUS		
35	1.636	98	3.238	161	ADDR.BUS		
36	0.208	99	0	162	ADDR.BUS		
37	1.561	100	2.229	163	ADDR.BUS		
38	1.618	101	0.238	164	0.012		
39	1.616	102	DATA.BUS	165	0.012		
40	0	103	DATA.BUS	166	0.012		
41	3.205	104	DATA.BUS	167	3.184		
42	1.625	105	DATA.BUS	168	0		
43	1.62	106	DATA.BUS	169	ADDR.BUS		
44	0	107	DATA.BUS	170	ADDR.BUS		
45	0	108	DATA.BUS	171	0.003		
46	3.206	109	DATA.BUS	172	0.003		
47	1.606	110	DATA.BUS	173	3.203		
48	1.605	111	ADDR.BUS	174	0.003		
49	0.008	112	3.24	175	0.004		
50	0.008	113	1.769	176	0.003		
51	0.004	114	0	177	0.001		
52	1.404	115	0.013	178	0		
53	3.232	116	ADDR.BUS	179	1.601		
54	3.065	117	ADDR.BUS	180	1.6		
55	3.216	118	ADDR.BUS	181	2.508		
56	1.77	119	ADDR.BUS	182	3.2		
57	3.209	120	ADDR.BUS	183	1.895		
58	0.006	121	1.763	184	0.62		
59	0.002	122	ADDR.BUS	185	0.599		
60	0	123	3.239	186	1.221		
61	2.483	124	3.24	187	0.69		
62	0.001	125	0.003	188	3.172		
63	0.003	126	ADDR.BUS	189	0		

SDRAM (U7)	
PIN NO.	DVD PB
1	3.204
2	DATA.BUS
3	3.204
4	DATA.BUS
5	DATA.BUS
6	0
7	DATA.BUS
8	DATA.BUS
9	3.204
10	DATA.BUS
11	DATA.BUS
12	0
13	DATA.BUS
14	3.204
15	2.609
16	3.14
17	3.099
18	3.088
19	0.141
20	0.181
21	0.004
22	ADDR.BUS
23	ADDR.BUS
24	ADDR.BUS
25	ADDR.BUS
26	ADDR.BUS
27	3.204
28	0
29	ADDR.BUS
30	ADDR.BUS
31	ADDR.BUS
32	ADDR.BUS
33	ADDR.BUS
34	ADDR.BUS
35	ADDR.BUS
36	NC
37	0.851
38	1.797
39	2.609
40	NC
41	0
42	DATA.BUS
43	3.204
44	DATA.BUS
45	DATA.BUS
46	0
47	DATA.BUS
48	DATA.BUS
49	3.204
50	DATA.BUS
51	DATA.BUS
52	0
53	DATA.BUS
54	0

SN74HC244(U13)	
PIN NO.	DVD PB
1	3.189
2	3.912
3	DATA.BUS
4	3.914
5	DATA.BUS
6	3.937
7	DATA.BUS
8	3.919
9	DATA.BUS
10	0
11	3.92
12	DATA.BUS
13	3.199
14	DATA.BUS
15	3.199
16	DATA.BUS
17	0.381
18	DATA.BUS
19	3.196
20	3.202

24C04(U6)	
PIN NO.	DVD PB
1	0
2	0
3	0
4	0
5	5.004
6	5.005
7	0
8	5.009

AME1117(U1)	
PIN NO.	DVD PB
1	0
2	3.241
3	4.92

AME1117(U2)	
PIN NO.	DVD PB
1	0.538
2	1.783
3	4.16

BA6208(U30)	
PIN NO.	DVD PB
1	5.007
2	1.128
3	0
4	1.914
5	0.008
6	NC
7	0
8	0.008

SN74HC374(U12)	
PIN NO.	DVD PB
1	0
2	0.038
3	ADDR.BUS
4	ADDR.BUS
5	0.039
6	0.038
7	ADDR.BUS
8	ADDR.BUS
9	3.207
10	0
11	2.624
12	0.037
13	ADDR.BUS
14	ADDR.BUS
15	0.037
16	3.106
17	ADDR.BUS
18	ADDR.BUS
19	3.206
20	3.206

LM833D(U17)	
PIN NO.	DVD PB
1	5.819
2	5.826
3	5.82
4	0
5	5.819
6	5.828
7	5.818
8	11.45

PCM1807(U19)	
PIN NO.	DVD PB
1	2.386
2	0
3	4.75
4	3.197
5	0
6	1.62
7	1.596
8	1.616
9	1.067
10	NC
11	NC
12	NC
13	2.365
14	2.37

FLASH 8M(U4)	
PIN NO.	DVD PB
1	ADDR.BUS
2	ADDR.BUS
3	ADDR.BUS
4	ADDR.BUS
5	ADDR.BUS
6	ADDR.BUS
7	ADDR.BUS
8	ADDR.BUS
9	NC
10	NC
11	3.202
12	2.992
13	NC
14	NC
15	NC
16	ADDR.BUS
17	ADDR.BUS
18	ADDR.BUS
19	ADDR.BUS
20	ADDR.BUS
21	ADDR.BUS
22	ADDR.BUS
23	ADDR.BUS
24	ADDR.BUS
25	ADDR.BUS
26	2.911
27	0
28	2.902
29	DATA.BUS
30	NC
31	DATA.BUS
32	NC
33	DATA.BUS
34	NC
35	DATA.BUS
36	NC
37	3.196
38	DATA.BUS
39	NC
40	DATA.BUS
41	NC
42	DATA.BUS
43	NC
44	DATA.BUS
45	ADDR.BUS
46	0
47	0
48	DATA.BUS

AZ5954(U8)	
PIN NO.	DVD PB
1	1.618
2	0.02
3	0.02
4	1.626
5	1.626
6	1.607
7	0.02
8	5.03
9	5.03
10	0
11	1.579
12	1.579
13	0.02
14	0.02
15	0.002
16	0.002
17	1.156
18	1.156
19	0
20	0.002
21	5.04
22	0
23	1.641
24	0.02
25	0.02
26	1.626
27	1.627
28	0.004