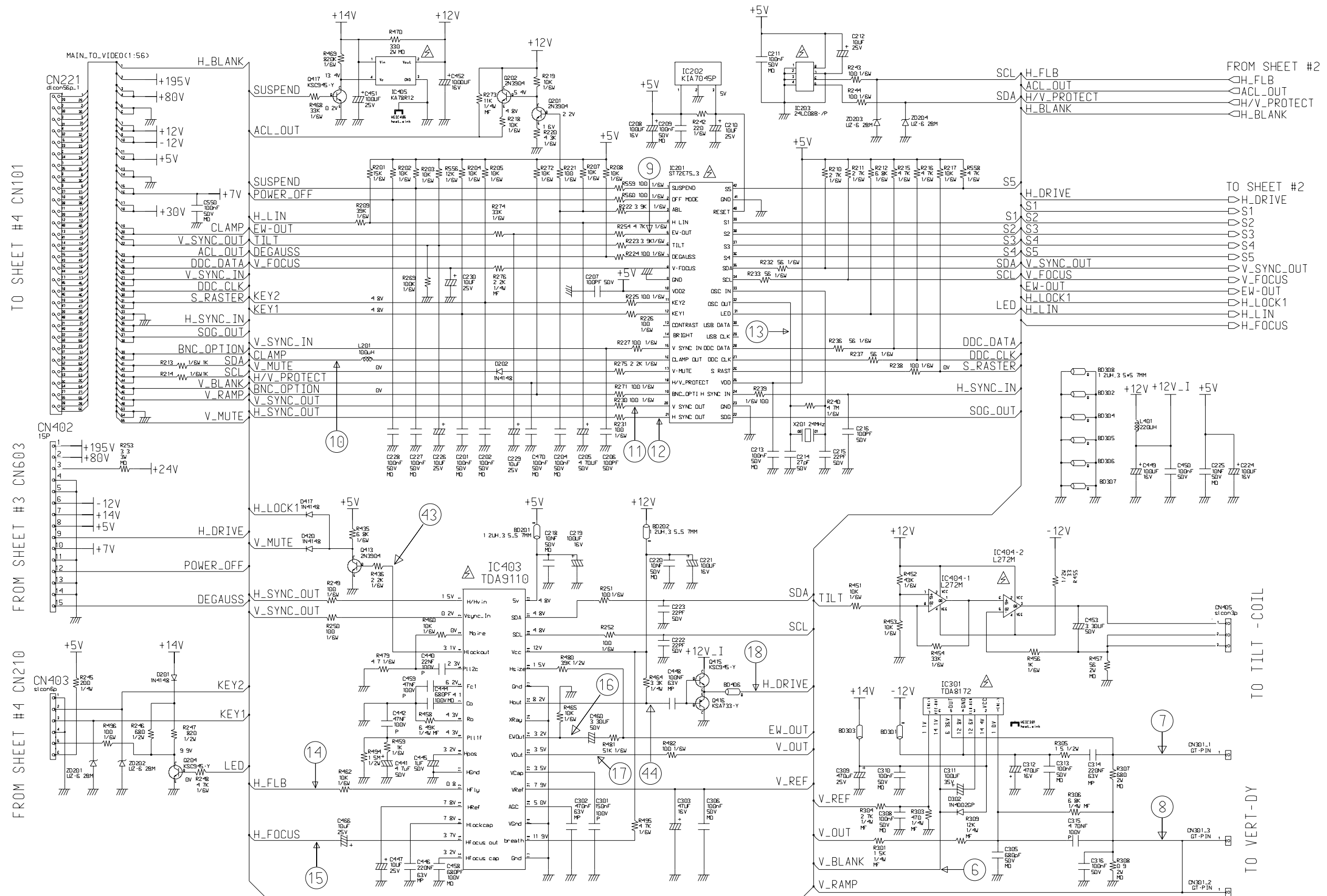
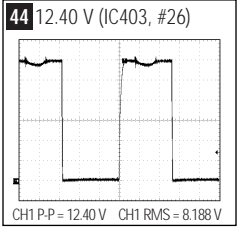
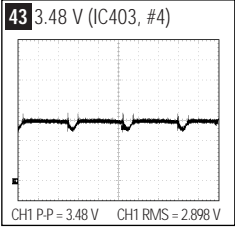
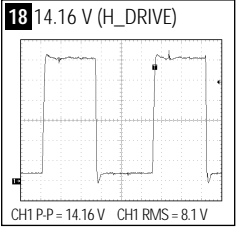
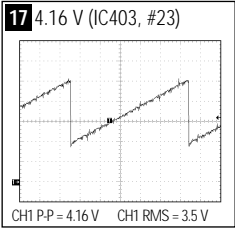
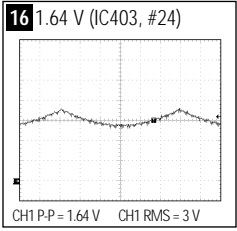
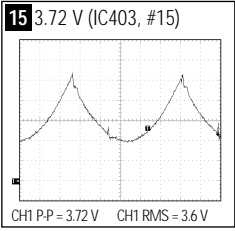
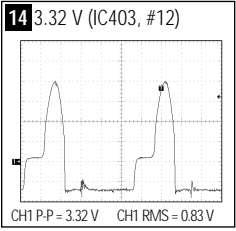
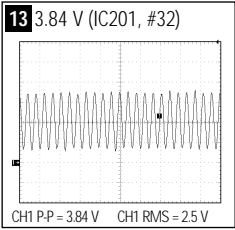
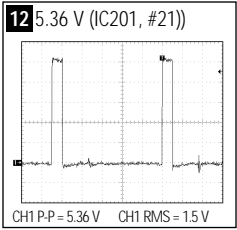
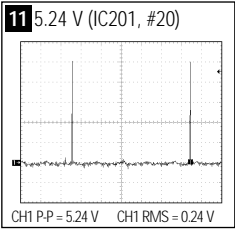
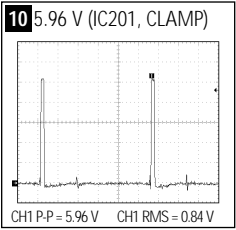
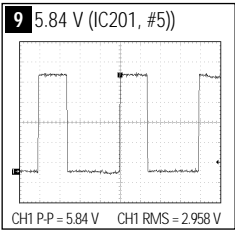
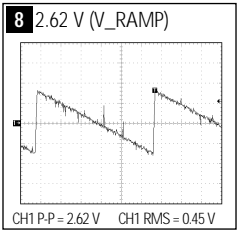
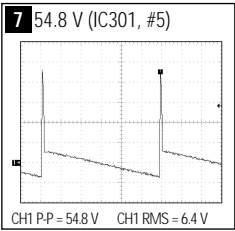
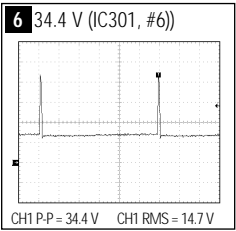


### 13-1 Micom & H/V Processor Part Schematic Diagram





### 13-2 Deflection Part Schematic Diagram

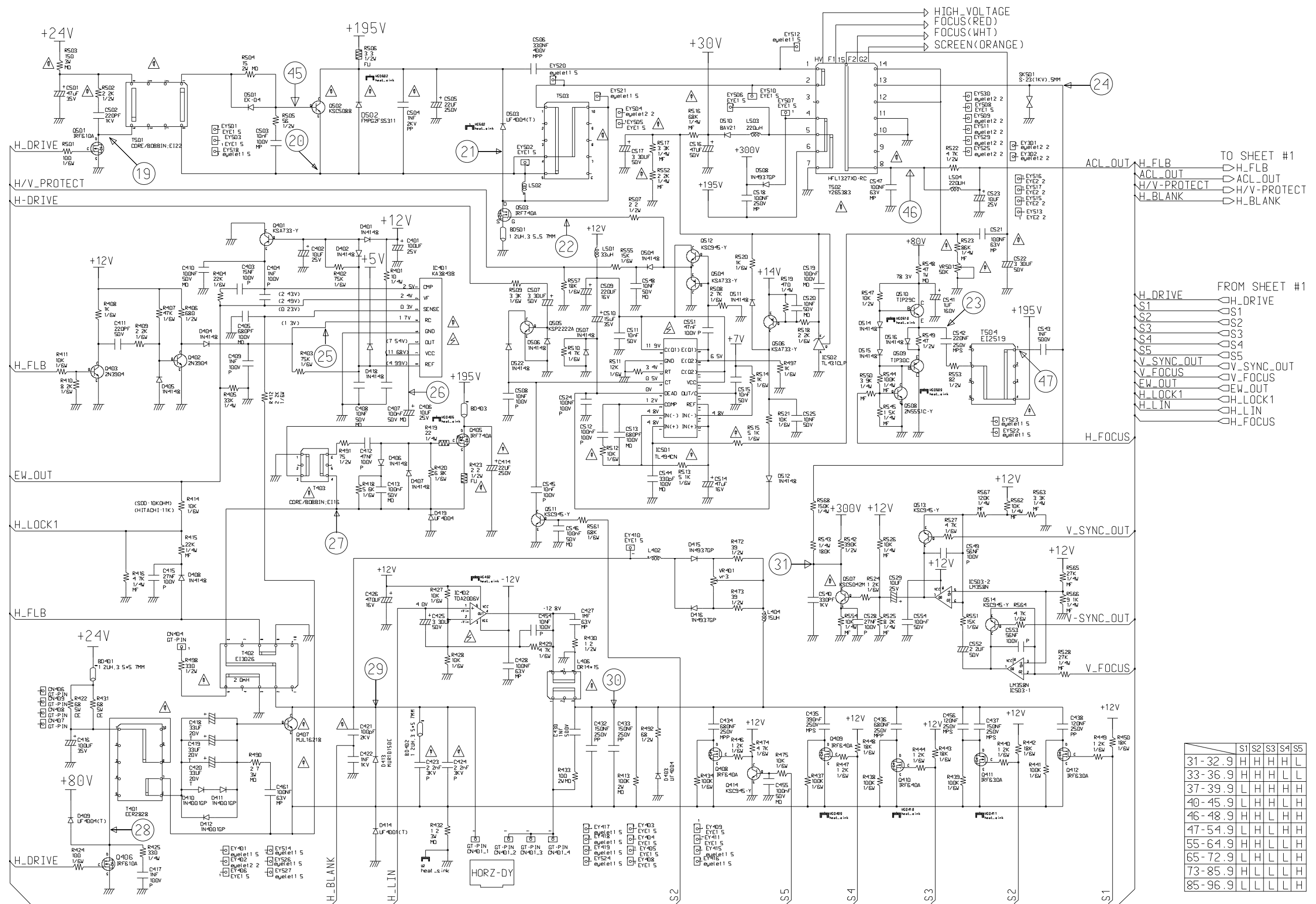


Table 13-1. IC201 (ST72E75)

pin #	MODES			pin #	MODES		
	31 kHz	68 kHz	96 kHz		31 kHz	68 kHz	96 kHz
1	0.25	0.25	0.25	22	4.00	3.70	3.77
2	0.25	0.25	0.25	23	GND	GND	GND
3	0.91	1.38	1.37	24	3.85	0.32	4.03
4	0.76	3.10	4.47	25	4.95	4.95	4.95
5	2.70	3.08	3.08	26	0	0	0
6	2.56	2.50	2.50	27	4.95	4.94	4.94
7	0.25	0.25	0.25	28	4.95	4.94	4.94
8	4.93	4.93	4.93	29	4.95	4.94	4.94
9	GND	GND	GND	30	4.95	4.93	4.93
10	4.96	4.94	4.94	31	0.06	0.06	0.06
11	4.95	4.94	4.94	32	2.28	2.28	2.28
12	4.95	4.95	4.95	33	2.21	2.21	2.21
13	NC	NC	NC	34	4.91	4.91	4.91
14	NC	NC	NC	35	4.92	4.92	4.92
15	4.35	0	0	36	12.01	0.06	0.06
16	0.11	0.12	0.17	37	12.01	0.06	0.06
17	0	0	0	38	9.65	9.66	0.06
18	4.99	4.98	4.84	39	12.01	0.06	0.06
19	4.95	4.95	4.95	40	4.96	4.96	4.96
20	0.02	0	0	41	GND	0	0
21	0.59	0.36	0.38	42	5.08	4.74	4.74

Unit: Vrms  
11: Right: 3.4 V, Left: 2.5 V, Down: 1.5 V, Up: 0.7 V  
12: S/W: 3.2 V, Menu: 2.4 V, Exit: 1.4 V

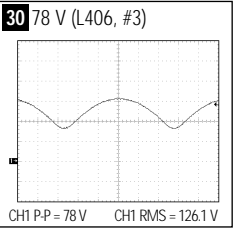
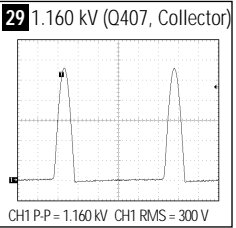
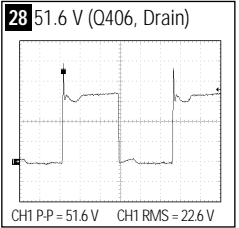
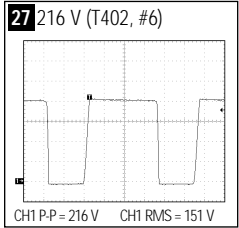
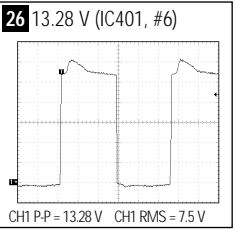
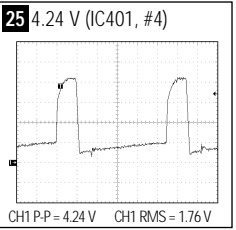
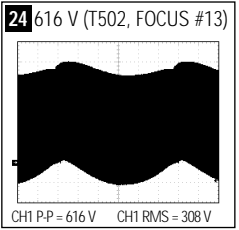
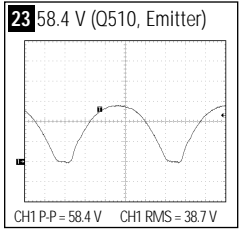
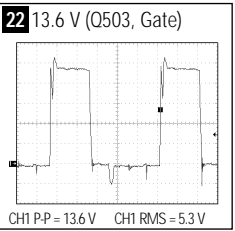
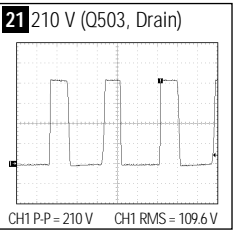
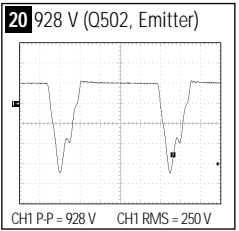
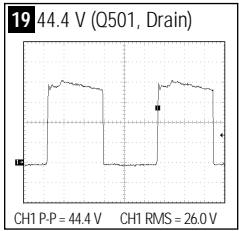
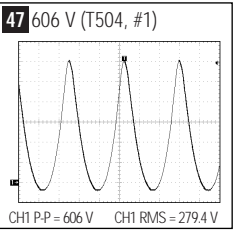
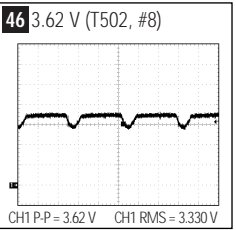
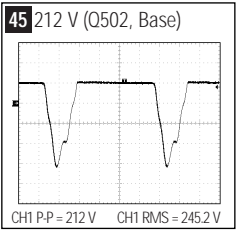
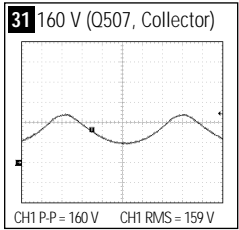


Table 13-2. IC403 (TDA9110)

pin #	MODES			pin #	MODES		
	31 kHz	68 kHz	96 kHz		31 kHz	68 kHz	96 kHz
1	0.59	0.36	0.38	17	GND	0	0
2	0.03	0.02	0.02	18	12.03	12.03	12.03
3	0.09	0.09	0.09	19	GND	0	0
4	3.28	3.26	3.26	20	5.38	5.16	5.12
5	3.20	2.51	2.16	21	8.04	8.04	8.04
6	6.33	6.32	6.32	22	3.50	3.50	3.50
7	3.97	3.95	3.94	23	3.55	3.52	3.51
8	1.52	3.34	4.72	24	3.10	3.11	3.11
9	1.52	3.34	4.72	25	0	0	0
10	3.41	3.16	3.16	26	5.79	5.68	5.60
11	GND	GND	GND	27	GND	0	0
12	-0.04	-0.12	-0.22	28	1.64	0.84	0.65
13	7.94	7.94	7.94	29	12.03	12.03	12.03
14	7.98	7.92	7.89	30	4.91	4.91	4.91
15	3.14	2.78	3.3	31	4.91	4.91	4.91
16	3.26	3.23	3.22	32	4.95	4.95	4.95

Unit: Vrms



### 13-3 Power Part Schematic Diagram

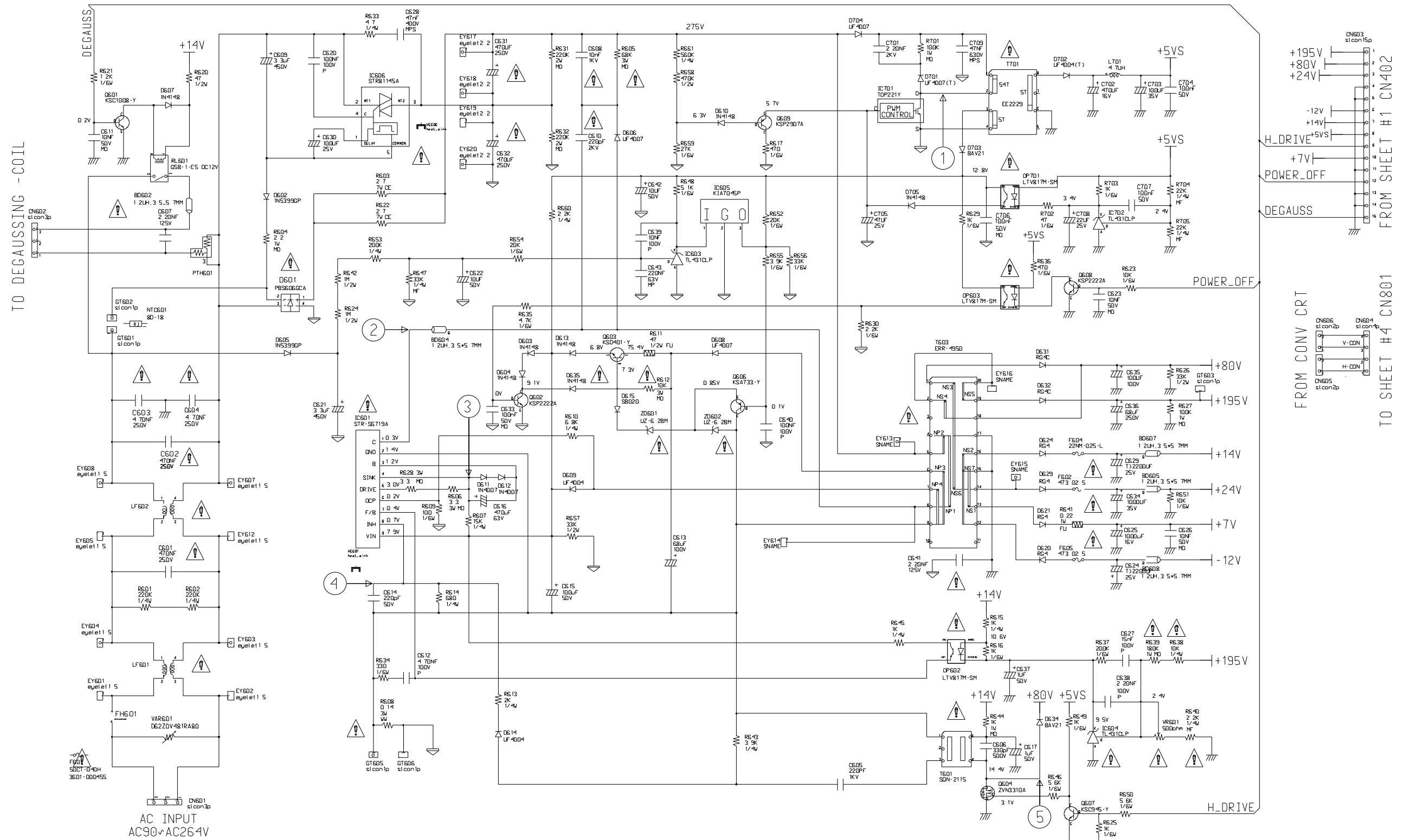


Table 13-3. IC401 (KA3843B)

pin #	MODES		
	31 kHz	68 kHz	93 kHz
1	3.78	3.03	2.81
2	2.49	2.49	2.49
3	0.87	0.51	0.32
4	1.59	1.42	1.49
5	GND	GND	GND
6	2.30	4.61	6.29
7	11.85	11.85	11.85
8	4.96	4.96	4.96

Unit: Vrms

Table 13-4. IC402 (TDA2006)

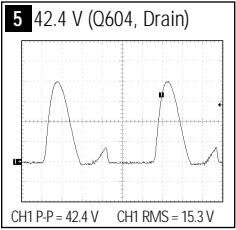
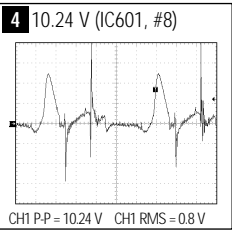
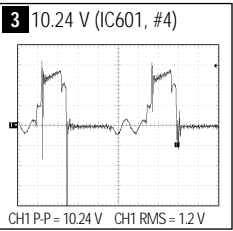
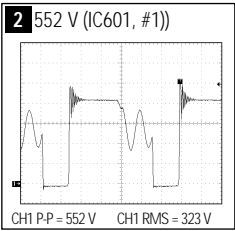
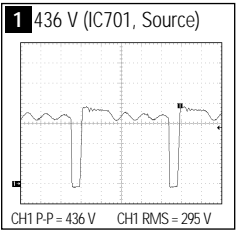
pin #	MODES		
	31 kHz	68 kHz	96 kHz
1	0.76	3.09	4.45
2	0.76	3.10	4.47
3	-12.04	-12.49	-12.49
4	-4.11	0.41	3.05
5	12.03	12.03	12.03

Unit: Vrms

Table 13-5. IC501 (TL494)

pin #	MODES		
	31 kHz	68 kHz	96 kHz
1	4.92	4.92	4.92
2	4.92	4.92	4.92
3	1.48	1.35	1.31
4	0	0	0
5	0.01	0.63	0.61
6	3.51	3.51	3.51
7	GND	GND	GND
8	12.00	12.00	12.00
9	3.19	4.03	4.67
10	3.19	4.03	4.67
11	12.00	12.00	12.00
12	12.00	12.00	12.00
13	GND	GND	GND
14	4.92	4.92	4.92
15	7.03	7.15	7.20
16	4.92	4.92	4.92

Unit: Vrms



13-4 Video & CRT & Convergence & Key Part Schematic Diagram

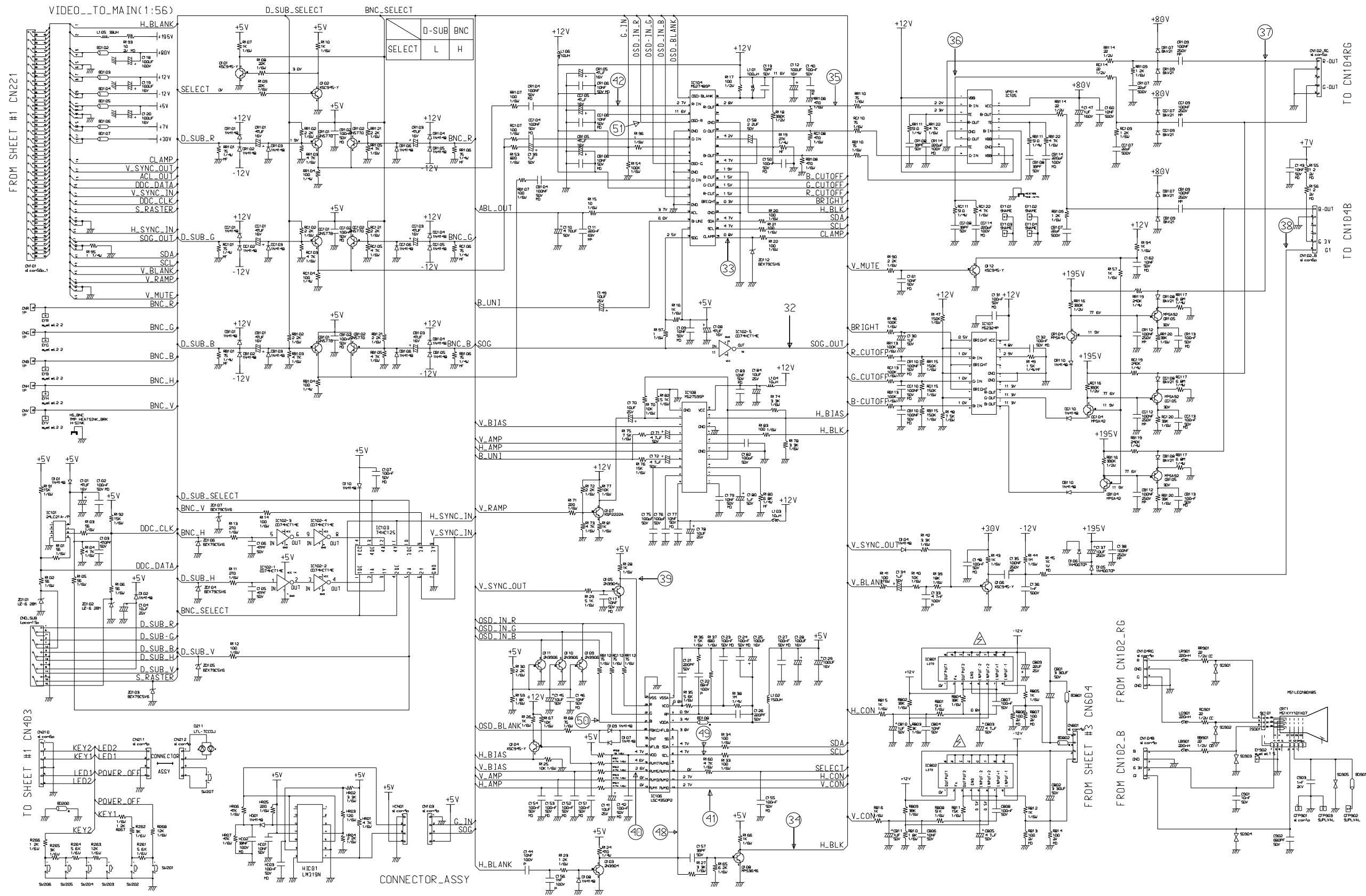


Table 13-6. IC301 (TDA8172)

pin #	MODES		
	31 kHz	68 kHz	96 kHz
1	1.19	1.19	1.19
2	14.85	14.91	14.91
3	-11.67	-11.73	-11.67
4	-12.10	-12.32	-12.33
5	0.01	0.12	0.07
6	14.45	14.63	14.68
7	1.19	1.19	1.19

Unit: Vrms

Table 13-7. IC106 (LSC4350P2)

pin #	MODES			pin #	MODES		
	31 kHz	68 kHz	96 kHz		31 kHz	68 kHz	96 kHz
1	0.24	0.34	0.45	13	0	0	0
2	0.55	0.71	1.00	14	0	0	0
3	0.55	0.71	1.00	15	2.12	2.09	2.07
4	4.90	4.89	4.88	16	4.25	4.17	4.08
5	4.13	3.82	3.59	17	4.89	4.85	4.83
6	NC	NC	NC	18	4.90	4.89	4.89
7	4.91	4.91	4.91	19	NC	NC	NC
8	4.91	4.91	4.91	20	0.42	0.42	0
9	NC	NC	NC	21	0	0	0
10	0	0	0	22	0	0	0
11	2.31	2.30	2.29	23	0	0	0
12	2.31	2.29	2.28	24	GND	0	0

Unit: Vrms

Table 13-8. IC107 (M52324P)

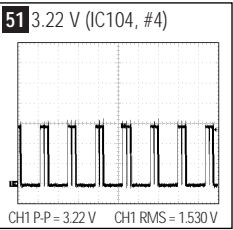
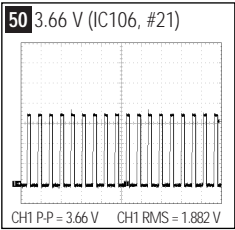
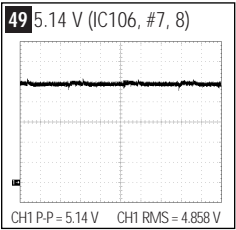
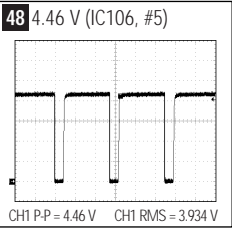
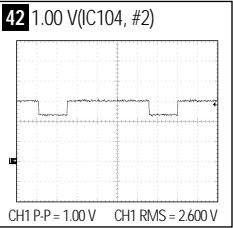
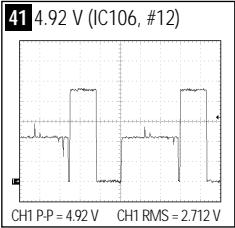
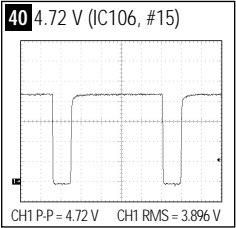
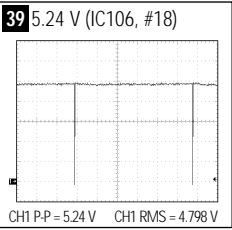
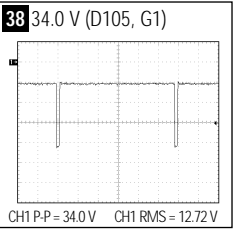
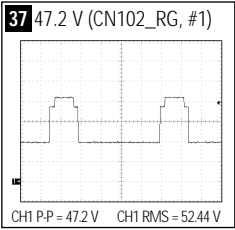
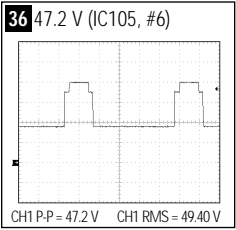
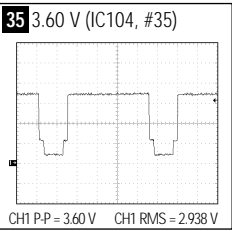
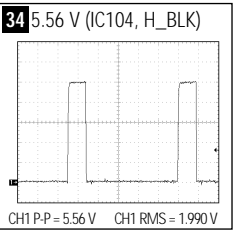
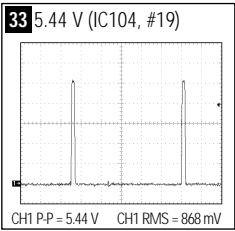
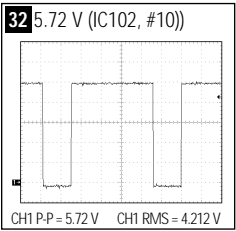
pin #	MODES		
	31 kHz	68 kHz	96 kHz
1	0.42	0.42	0.42
2	0.56	0.56	0.56
3	0.97	0.97	0.97
4	0.42	0.42	0.42
5	0.56	0.56	0.56
6	0.96	0.96	0.96
7	0.42	0.42	0.42
8	0.56	0.56	0.56
9	0.76	0.76	0.76
10	11.38	11.38	11.38
11	11.38	11.38	11.38
12	11.39	11.39	11.39
13	GND	0	0
14	GND	0	0
15	NC	NC	NC
16	2.96	2.96	2.96
17	4.89	4.89	4.89
18	11.97	11.97	11.97

Unit: Vrms

Table 13-9. IC108 (M52759SP)

pin #	MODES		
	31 kHz	68 kHz	96 kHz
1	0	0	0
2	2.36	2.36	2.36
3	2.14	2.14	2.13
4	4.96	4.96	4.96
5	0.01	0.01	0.01
6	0.01	0.01	0.01
7	7.58	7.58	7.58
8	6.03	6.02	6.02
9	6.02	6.00	5.93
10	11.67	11.67	11.67
11	2.71	2.80	2.82
12	3.87	3.98	4.06
13	1.23	1.23	1.23
14	6.93	6.93	6.93
15	0	0	0
16	0.05	0.06	0.07
17	0.40	0.71	0.94
18	0	0	0
19	6.11	6.07	6.03
20	11.69	11.69	11.69

Unit: Vrms





Memo