

11 Schematic Diagrams

11-1 Power Part Schematic Diagram

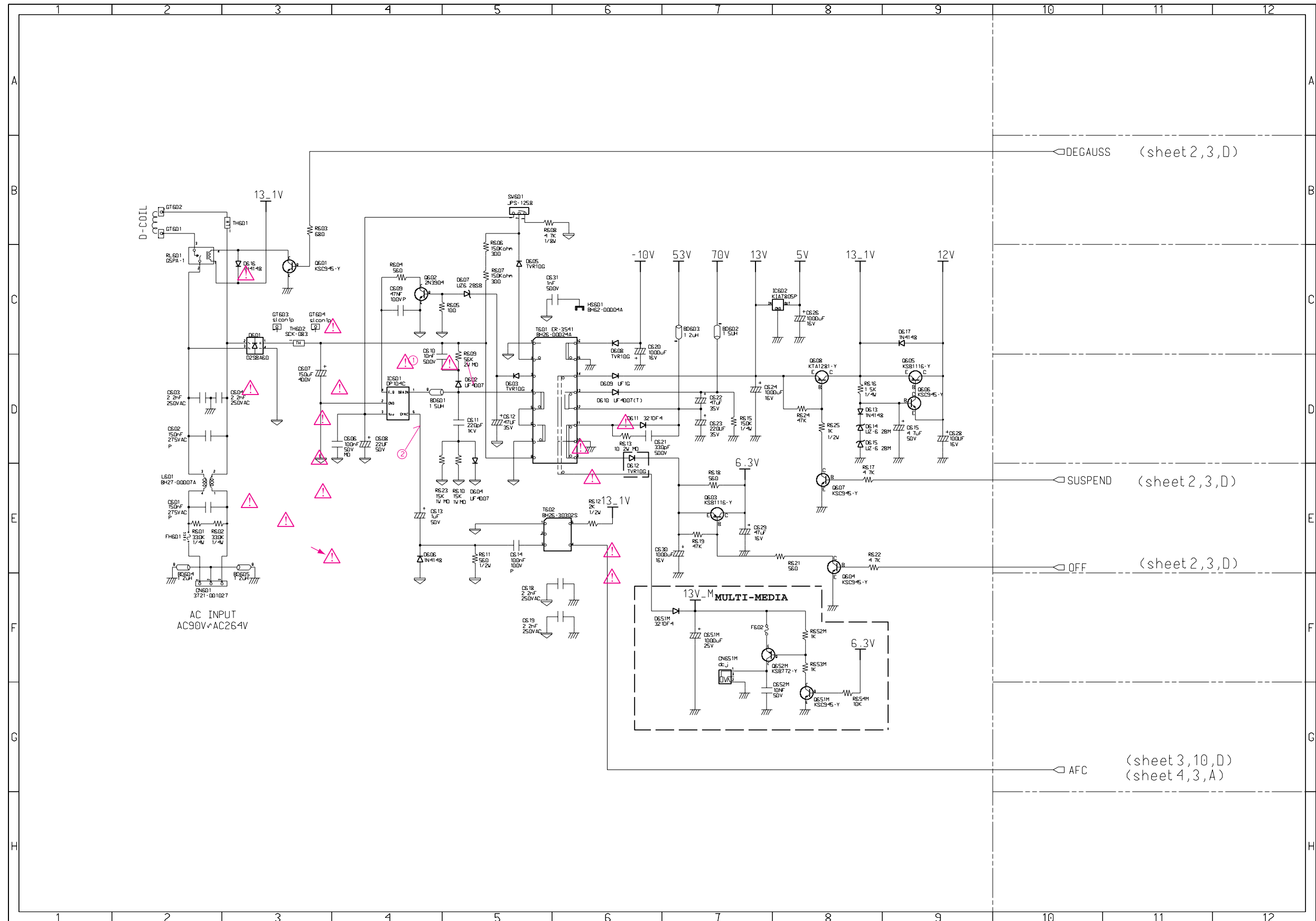


Table 11-1. IC601 (DP104C)

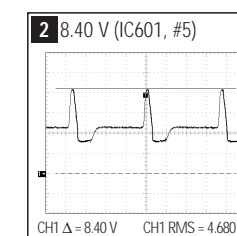
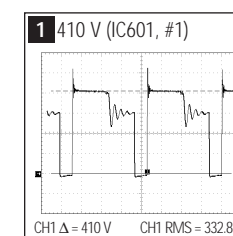
pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	325.2	321.6
2	GND	GND
3	20.66	20.38
4	1.55	1.876
5	5.156	5.12

Unit: Vrms

Table 11-2. IC602 (KIA7805P)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	13.55	13.48
2	GND	GND
3	5.15	5.15

Unit: Vrms



11-2 Micom Part Schematic Diagram

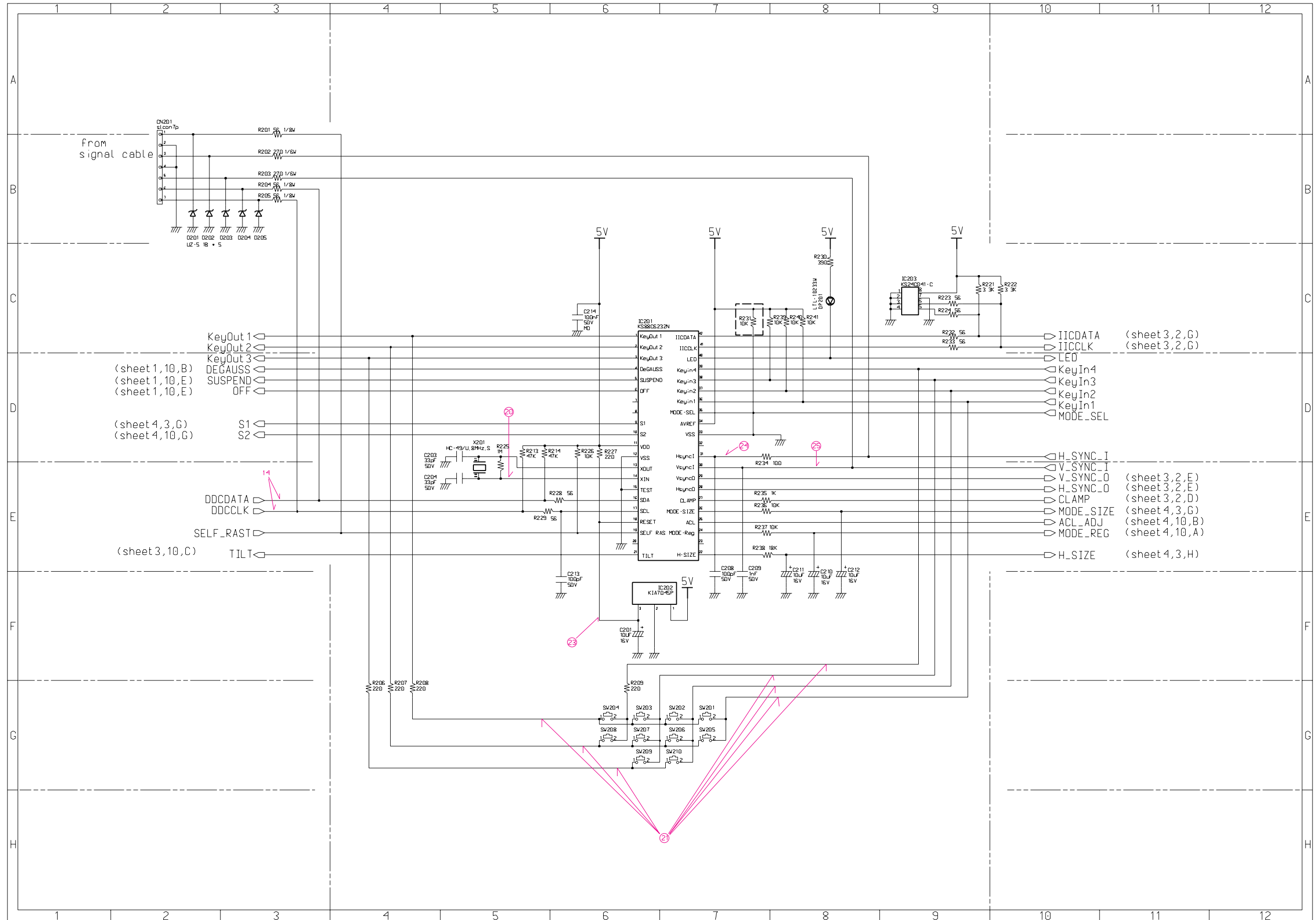


Table 11-3. IC201 (DM104)

pin #	MODES		pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz		800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	—	—	22	2.732	2.732
2	0	0	23	—	—
3	0	0	24	—	—
4	0	0	25	2.98	2.98
5	0	0	26	3.76	3.76
6	4.92	4.92	27	5.02	5.06
7	—	—	28	1.236	1.716
8	—	—	29	1.066	1.132
9	5.092	5.092	30	1.12	4.62
10	5.092	5.092	31	1.2	4.8
11	5.124	5.124	32	—	—
12	GND	GND	33	GND	GND
13	3.212	3.212	34	5.08	5.08
14	2.952	2.952	35	5.1	5.12
15	GND	GND	36	5.108	5.108
16	2.1	2.1	37	5.1	5.1
17	3.546	3.546	38	5.1	5.1
18	5.08	5.08	39	5.1	5.1
19	0	0	40	0	0
20	—	—	41	5.116	5.116
21	3.644	3.644	42	5.116	5.116

Unit: Vrms

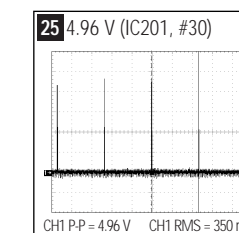
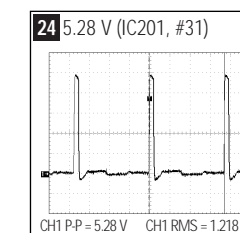
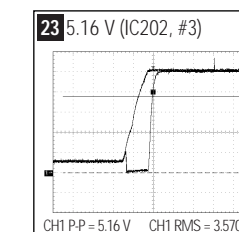
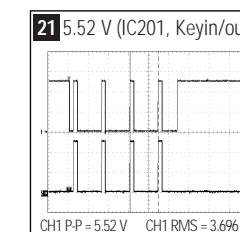
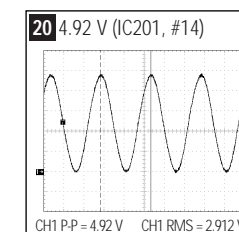
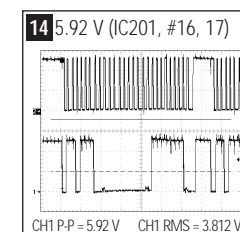


Table 11-4. IC203 (KS24C04)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	GND	GND
2	GND	GND
3	GND	GND
4	GND	GND
5	4.16	4.16
6	3.92	3.92
7	GND	GND
8	5.12	5.12

Unit: Vrms

11-3 HOR./VER. Part Schematic Diagram

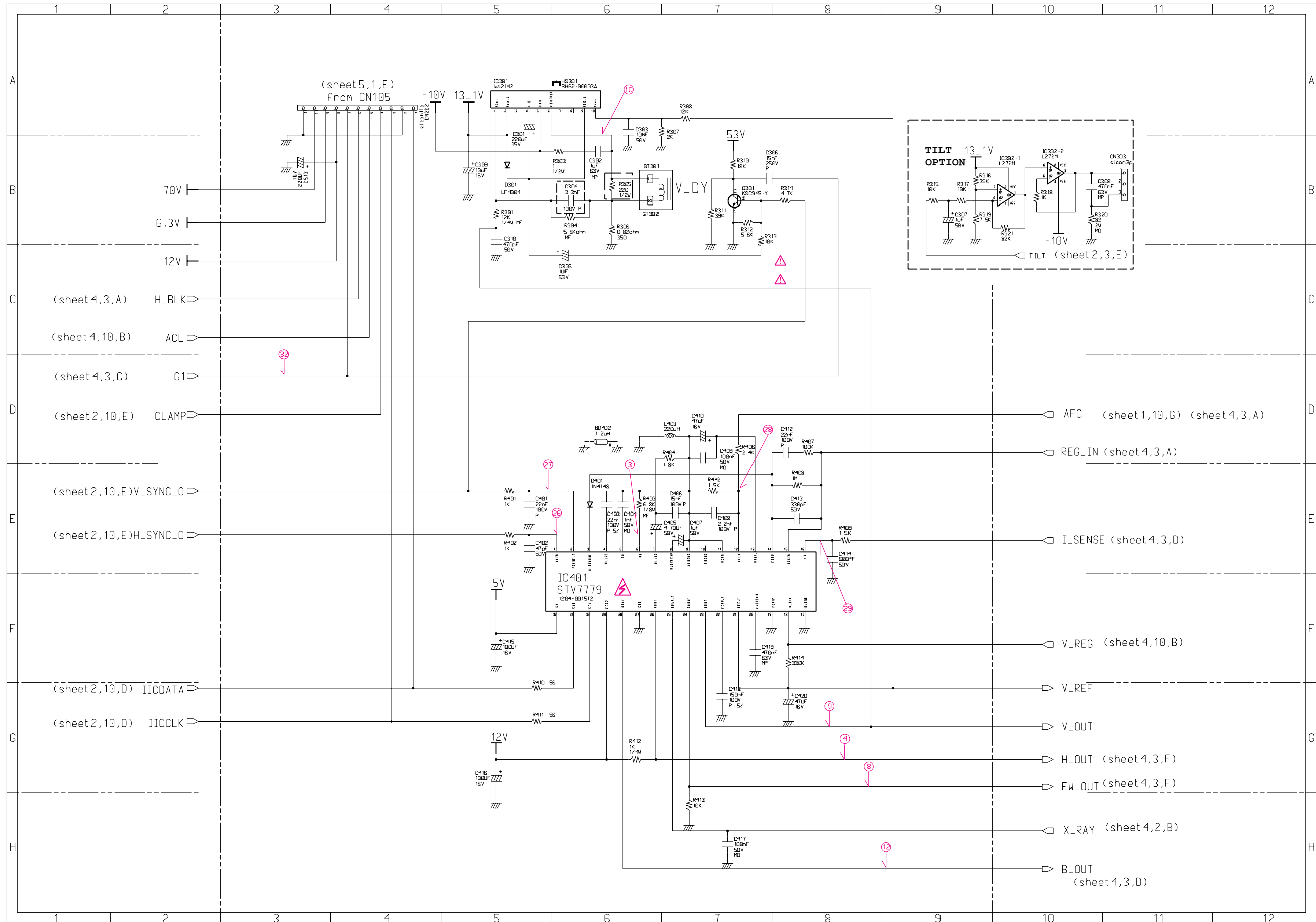


Table 11-5. IC301 (KA2142)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	1.21	1.21
2	13.52	13.45
3	-	-
4	11.25	11.21
5	10.97	10.97
6	18.04	18.6
7	-	-
8	-	-
9	13.2	13.2
10	1.52	1.52

Unit: Vrms

Table 11-6. IC302 (LM272)

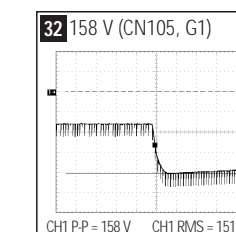
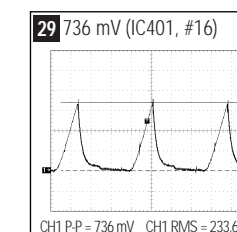
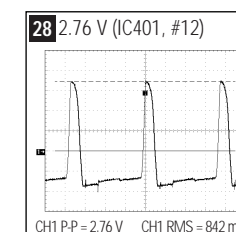
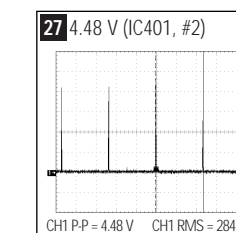
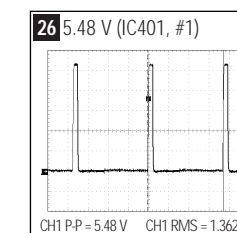
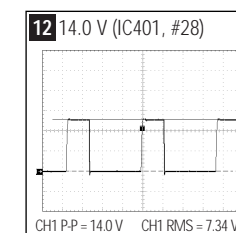
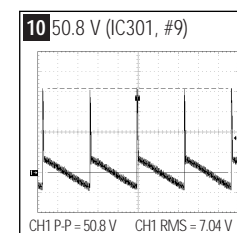
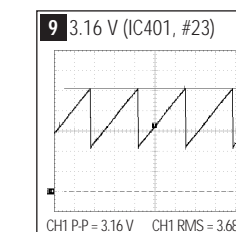
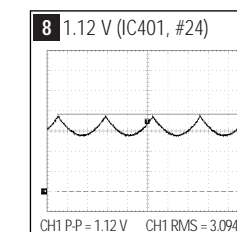
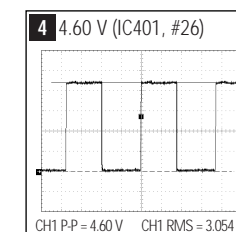
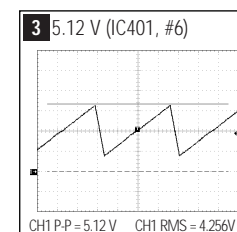
pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	100 mV	0
2	13.4	13.4
3	100 mV	0
4	10.8	10.8
5	100 mV	0
6	100 mV	0
7	2.2	2.2
8	2.2	2.2

Unit: Vrms

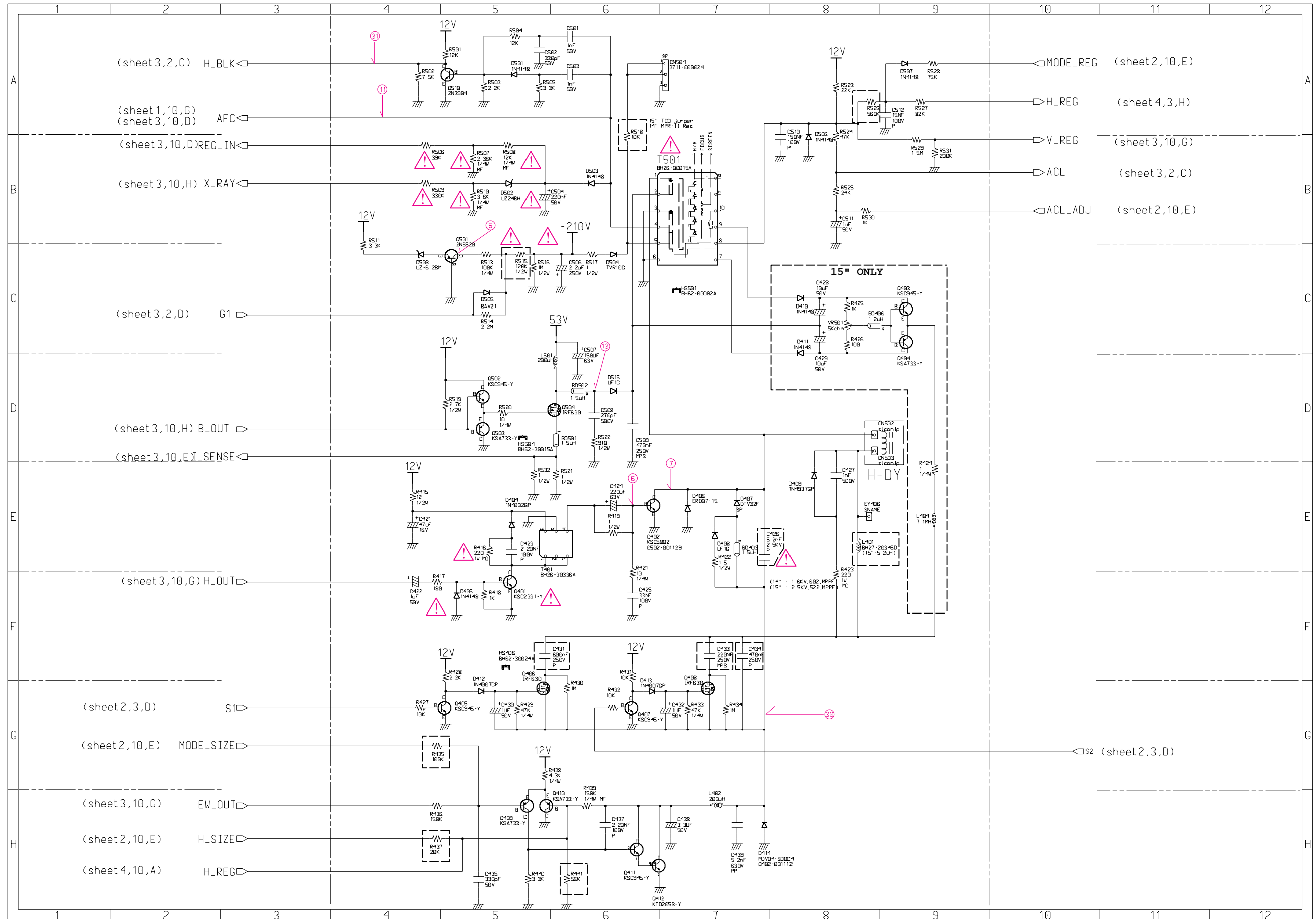
Table 11-7. IC401 (STV7779)

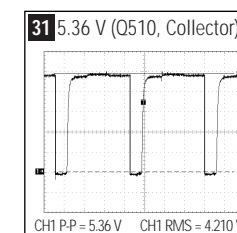
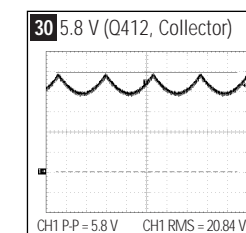
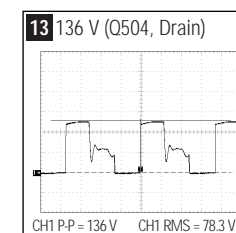
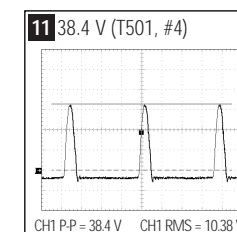
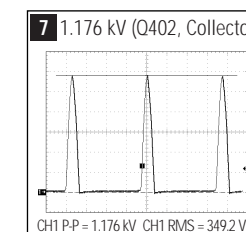
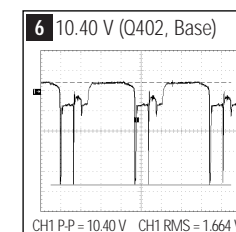
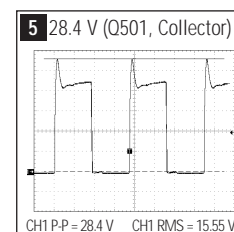
pin #	MODES		pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz		800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	1.23	1.71	17	GND	GND
2	0	0	18	6.89	6.89
3	5.15	5.15	19	GND	GND
4	2.5	3.04	20	5.22	5.43
5	4.31	4.31	21	8.12	8.12
6	4.58	2.78	22	3.05	3.05
7	4.59	2.78	23	3.58	3.58
8	3.25	3.41	24	3	2.9
9	GND	GND	25	2.03	2.77
10	-	-	26	2.98	3.25
11	0	0	27	GND	GND
12	410 mV	500 mV	28	7.19	4.7
13	8	8	29	12.22	12.22
14	3.59	2.9	30	4	3.85
15	4.74	4.8	31	4.15	4.15
16	0	160 mV	32	5.16	5.16

Unit: Vrms



11-4 H_OUT Part Schematic Diagram





11-5 Video Part Schematic Diagram

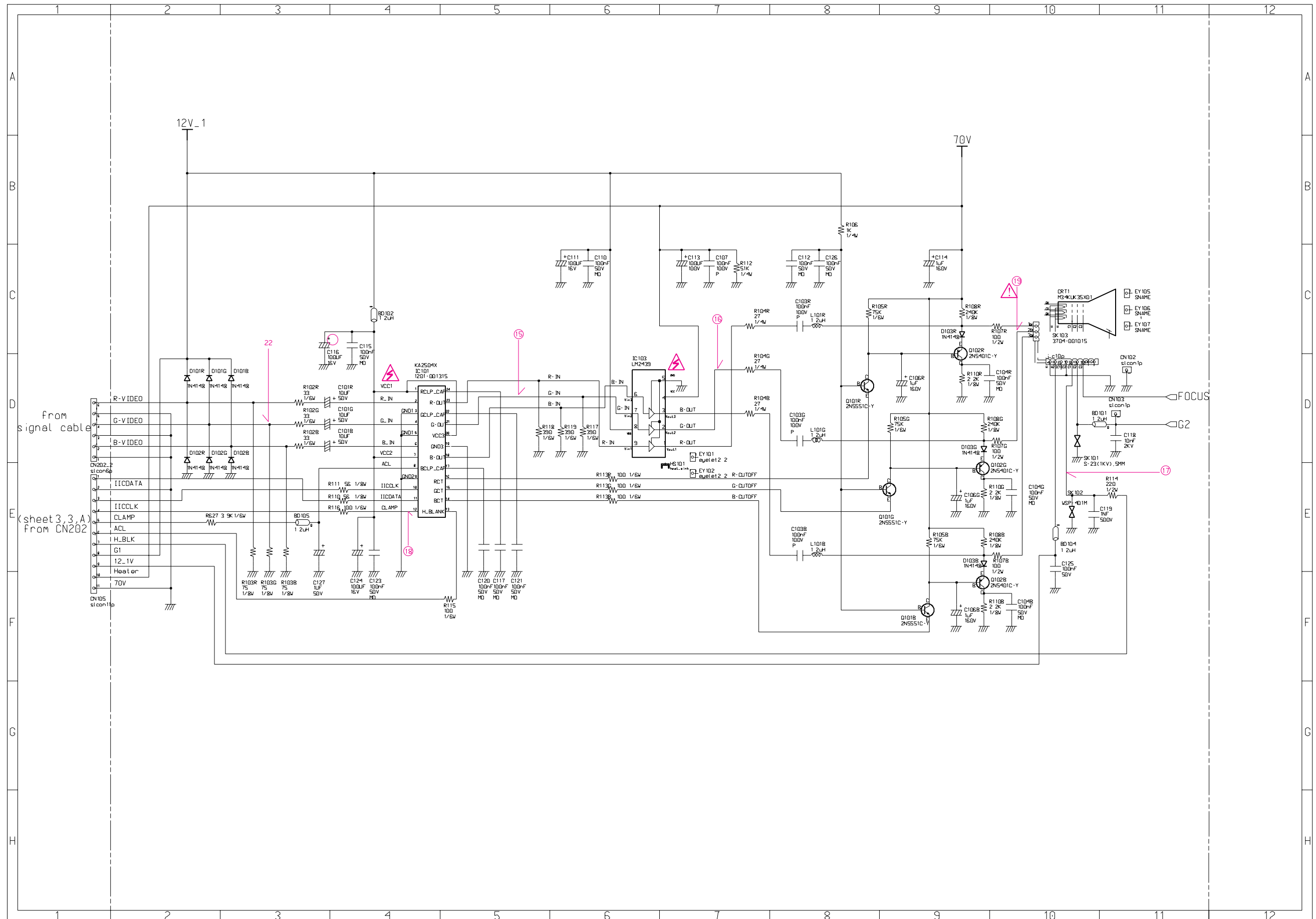


Table 11-8. IC101 (KA2504)

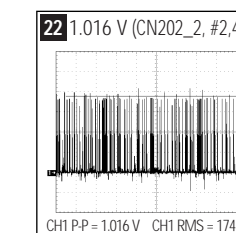
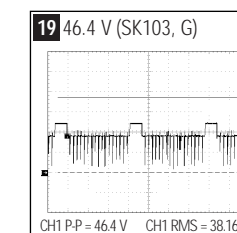
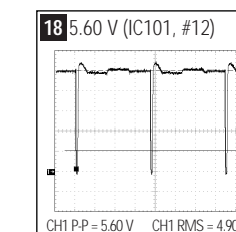
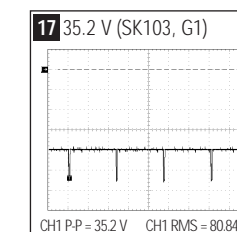
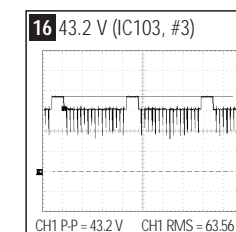
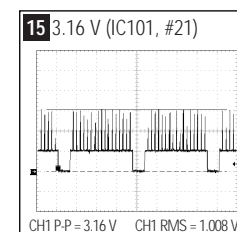
pin #	MODES		pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz		800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	11.6	11.6	13	4.4	4.4
2	800 mV	800 mV	14	11.2	11.2
3	GND	GND	15	11.2	11.2
4	800 mV	800 mV	16	11.2	11.2
5	GND	GND	17	4.2	4.2
6	800 mV	800 mV	18	1.2	1.2
7	11.6	11.6	19	GND	GND
8	3.6	3.6	20	11.6	11.6
9	GND	GND	21	1.2	1.2
10	5.8	5.8	22	4.0	4.0
11	5.8	5.8	23	1.4	1.4
12	5.8	5.8	24	4.2	4.2

Unit: Vrms

Table 11-9. IC103 (LM2439)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	45.4	44.6
2	45.4	44.2
3	45.0	44.0
4	71.0	71.0
5	GND	GND
6	1.2	1.2
7	1.2	1.2
8	11.8	11.8
9	1.2	1.2

Unit: Vrms



Memo