

13-1 Power/Micom/Vert/V_Input Part Schematic Diagram



Table 13-1. IC104 (CD7411CT14E)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	1.6	4.236
2	7.4	1.784
3	7.4	1.784
4	2.2	4.820
5	NC	NC
6	NC	NC
7	GND	GND
8	NC	NC
9	NC	NC
10	400 mV	4.234
11	7.6	4.908
12	7.6	4.90
13	400 mV	320 mV
14	7.6	5.092

Unit: Vrms

Table 13-2. IC202 (ST7275-3)

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	16 mV	400 mV	22	NC	NC
2	4.628	7.4	23	GND	GND
3	16 mV	400 mV	24	1.404	4.824
4	4.068	6.0	25	5.064	5.088
5	3.640	5.4	26	NC	NC
6	4.052	6.6	27	3.820	3.844
7	5.64	7.6	28	3.872	3.896
8	3.796	4.8	29	8 mV	8 mV
9	GND	GND	30	8 mV	8 mV
10	5.064	7.6	31	24 mV	32 mV
11	12 mV	400 mV	32	2.712	2.710
12	1.908	2.6	33	2.468	2.474
13	5.064	7.6	34	64 mV	44 mV
14	5.060	7.6	35	NC	NC
15	404 mV	400 mV	36	7.308	7.228
16	972 mV	820 mV	37	40 mV	4.360
17	NC	NC	38	36 mV	7.216
18	5.060	5.12	39	36 mV	7.248
19	5.064	5.14	40	5.092	5.092
20	368 mV	120 mV	41	GND	GND
21	1.416	1.780	42	NC	NC

Unit: Vrms

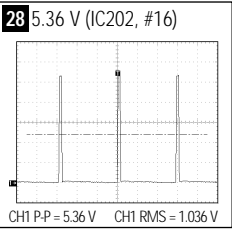
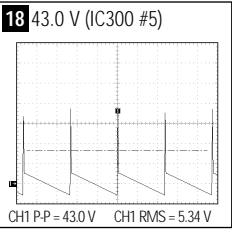
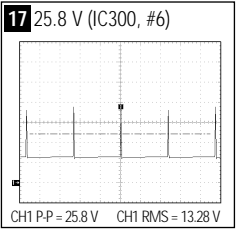
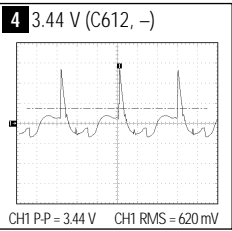
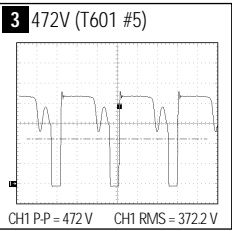
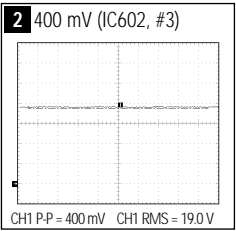
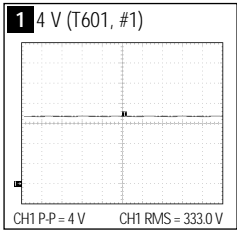


Table 13-3. IC204 (24LC211/P)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	NC	NC
2	NC	NC
3	NC	NC
4	GND	GND
5	6.2	2.476
6	6.2	3.840
7	400 mV	332 mV
8	7.5	5.092

Unit: Vrms

Table 13-4. IC205 (24LC04B-/P)

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	7.8	5.096
6	7.7	5.090
7	GND	GND
8	7.6	5.092

Unit: Vrms

Table 13-5. IC300 (TDA9302H)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	1.34	600 mV
2	10.95	9.6
3	5.92	5.96
4	1.32	1.50
5	13.12	12.24
6	-10.5	-10.56
7	13.25	12.90

Unit: Vrms

Table 13-6. IC602 (KA2S0680)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	1.41	1.67
2	GND	GND
3	19.10	19.01
4	330.2	321.2
5	7.5	7.3

Unit: Vrms

13-2 H-Defl/High-Voltage Part Schematic Diagram

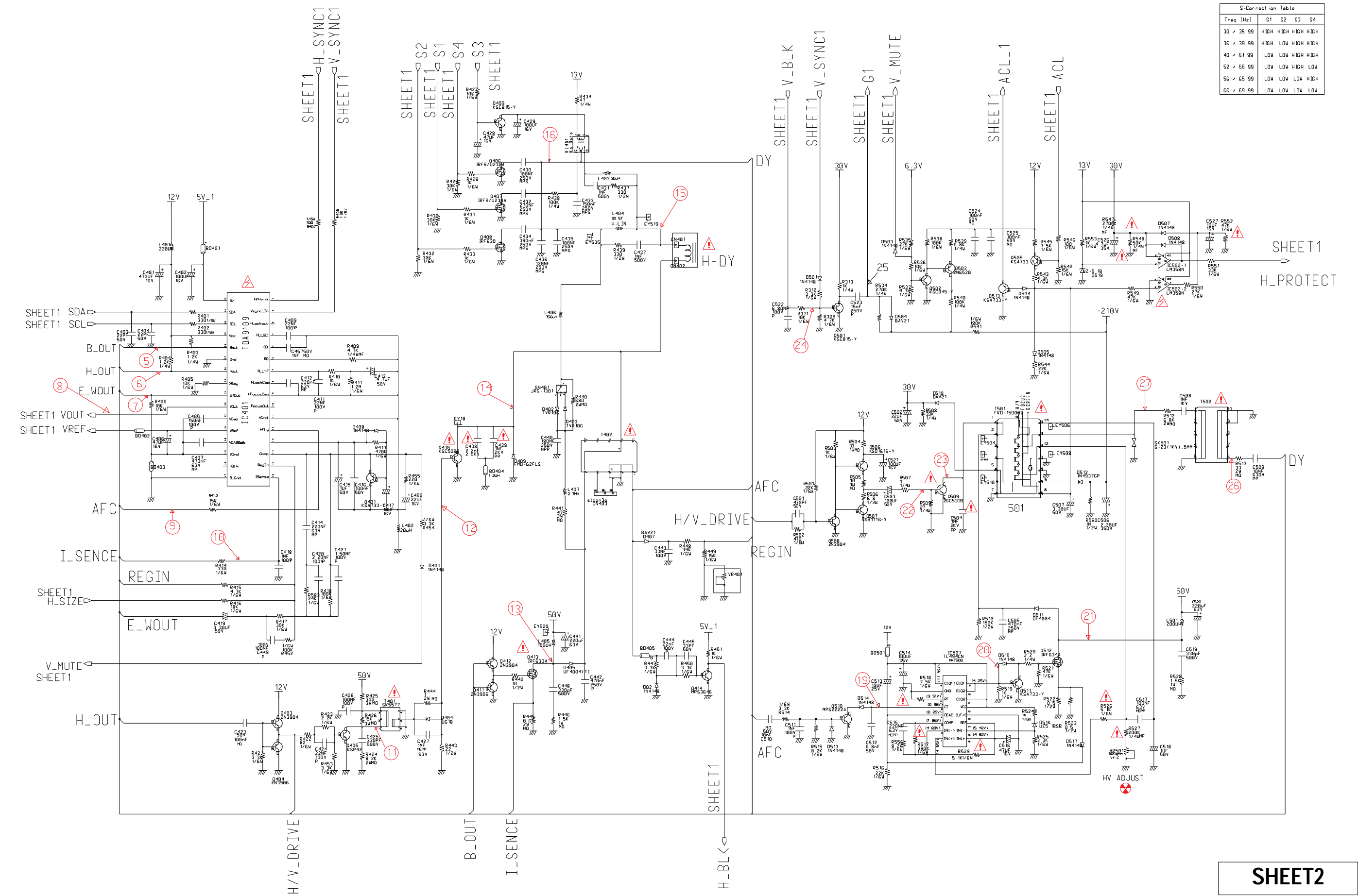


Table 13-7. IC401 (TDA9109)

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	1.412	2.08	17	GND	GND
2	350 mV	4.86	18	NC	NC
3	5.088	5.17	19	VGND	VGND
4	2.728	3.21	20	5.20	5.35
5	4.408	4.67	21	8.12	8.11
6	3.660	2.21	22	3.780	3.588
7	3.664	2.21	23	3.90	3.684
8	8.02	8.06	24	2.938	3.066
9	50 mV	50 mV	25	28 mV	16 mV
10	NC	NC	26	6.51	6.50
11	72.8 mV	40 mV	27	GND	GND
12	860 mV	766 mV	28	6.51	4.56
13	7.99	8.0	29	11.84	11.82
14	3.65	3.17	30	5.17	5.14
15	5.55	5.79	31	5.17	5.14
16	260 mV	130 mV	32	5.18	5.15

Unit: Vrms

Table 13-8. IC501 (TL494CN)

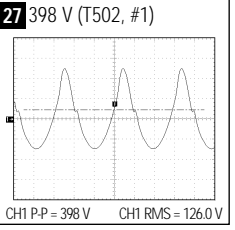
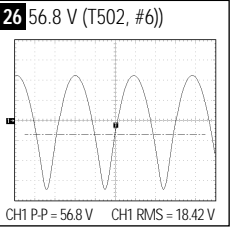
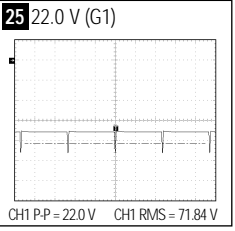
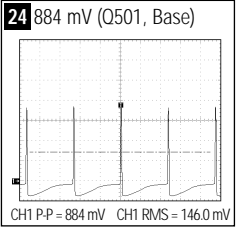
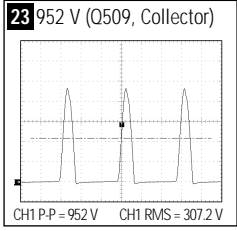
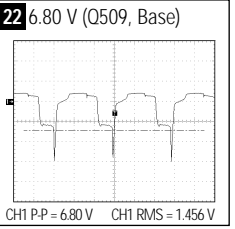
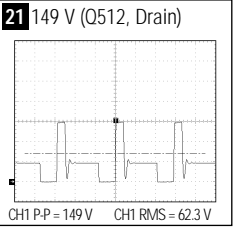
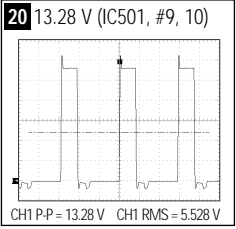
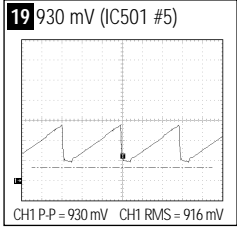
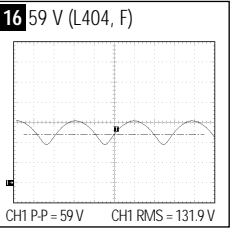
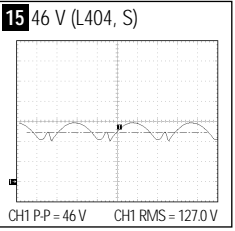
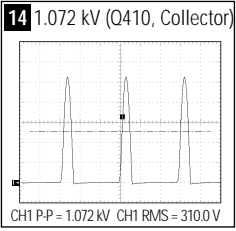
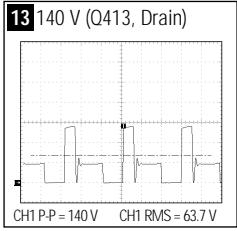
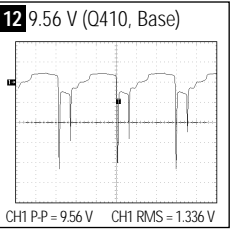
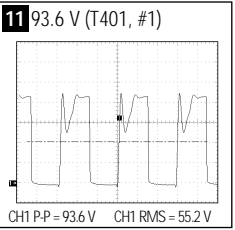
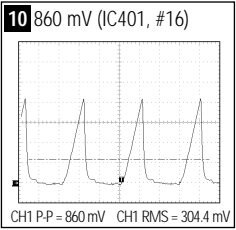
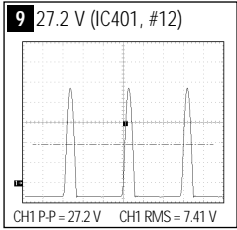
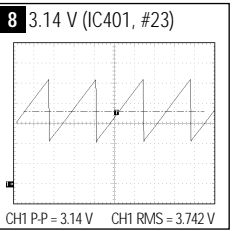
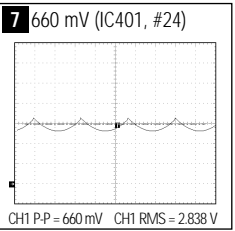
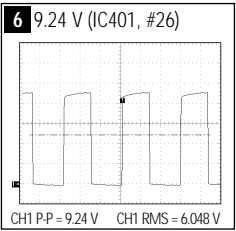
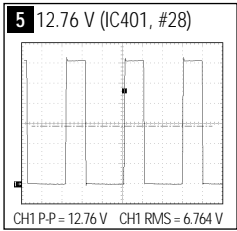
pin #	MODES		pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz		800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	4.936	4.950	9	5.67	2.79
2	4.936	4.944	10	5.68	2.51
3	2.056	3.128	11	12.07	12.03
4	36 mV	16 mV	12	12.07	12.03
5	1.108	1.590	13	GND	GND
6	3.524	3.510	14	5.03	5.0
7	GND	GND	15	5.52	5.48
8	12.02	12.03	16	5.03	5.0

Unit: Vrms

Table 13-9. IC502 (LM358N)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	28.2 mV	20.4 mV
2	5.088	5.090
3	4.276	4.296
4	GND	GND
5	GND	GND
6	3.696	3.772
7	8 mV	8 mV
8	13.15	13.17

Unit: Vrms



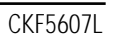


Table 13-10. IC101 (MC13282)

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	2.740	2.742	13	2.57	2.56
2	3.136	2.672	14	0	0
3	2.680	2.708	15	2.216	2.294
4	3.136	2.728	16	4.652	4.756
5	2.648	2.676	17	8.47	8.47
6	3.122	2.692	18	4.65	4.77
7	GND	GND	19	2.182	2.268
8	32 mV	16 mV	20	NC	NC
9	8.45	8.47	21	4.550	4.660
10	0	0	22	2.266	2.342
11	2.84	2.85	23	1.096	856 mV
12	0	0	24	2.124	1.504

Unit: Vrms

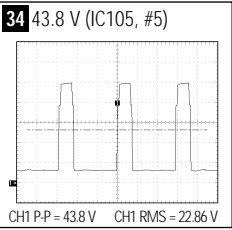
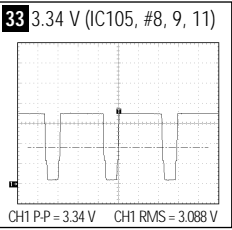
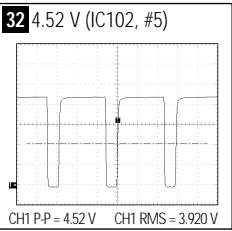
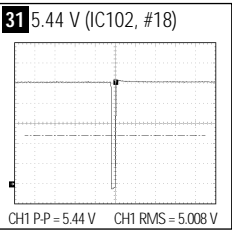
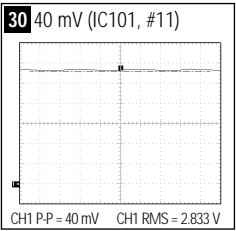
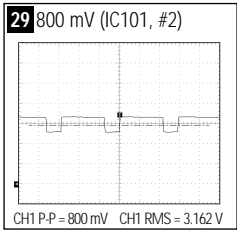


Table 13-11. IC102 (LSC4350)

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	36 mV	20 mV	13	3.862	3.680
2	3.176	2.0	14	4.840	3.704
3	3.180	2.0	15	3.836	3.668
4	5.060	5.064	16	3.764	3.536
5	3.580	3.692	17	5.10	5.084
6	NC	NC	18	5.072	5.076
7	5.088	5.076	19	NC	NC
8	5.092	5.082	20	12 mV	8 mV
9	3.552	3.272	21	8 mV	8 mV
10	4.220	4.164	22	16 mV	12 mV
11	4.928	4.924	23	8 mV	8 mV
12	4.448	4.468	24	GND	GND

Unit: Vrms

Table 13-12. IC103 (LM324N)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	9.12	9.16
2	2.74	2.76
3	2.74	2.76
4	12.14	12.08
5	2.78	2.72
6	2.76	2.76
7	8.74	8.70
8	8.88	8.90
9	2.76	2.68
10	2.78	2.72
11	GND	GND
12	NC	NC
13	NC	NC
14	NC	NC

Unit: Vrms

Table 13-13. IC105 (LM2405T)

pin #	MODES	
	800 x 600 / 85 Hz	640 x 480 / 60 Hz
1	51.20	50.08
2	50.72	49.44
3	50.04	48.72
4	GND	GND
5	2.44	2.48
6	2.36	2.50
7	12.08	12.10
8	2.48	2.56
9	71.32	71.12
10	GND	GND
11	GND	GND

Unit: Vrms

Memo