

2 Schematic Diagrams

2-1 Main Part Schematic Diagram

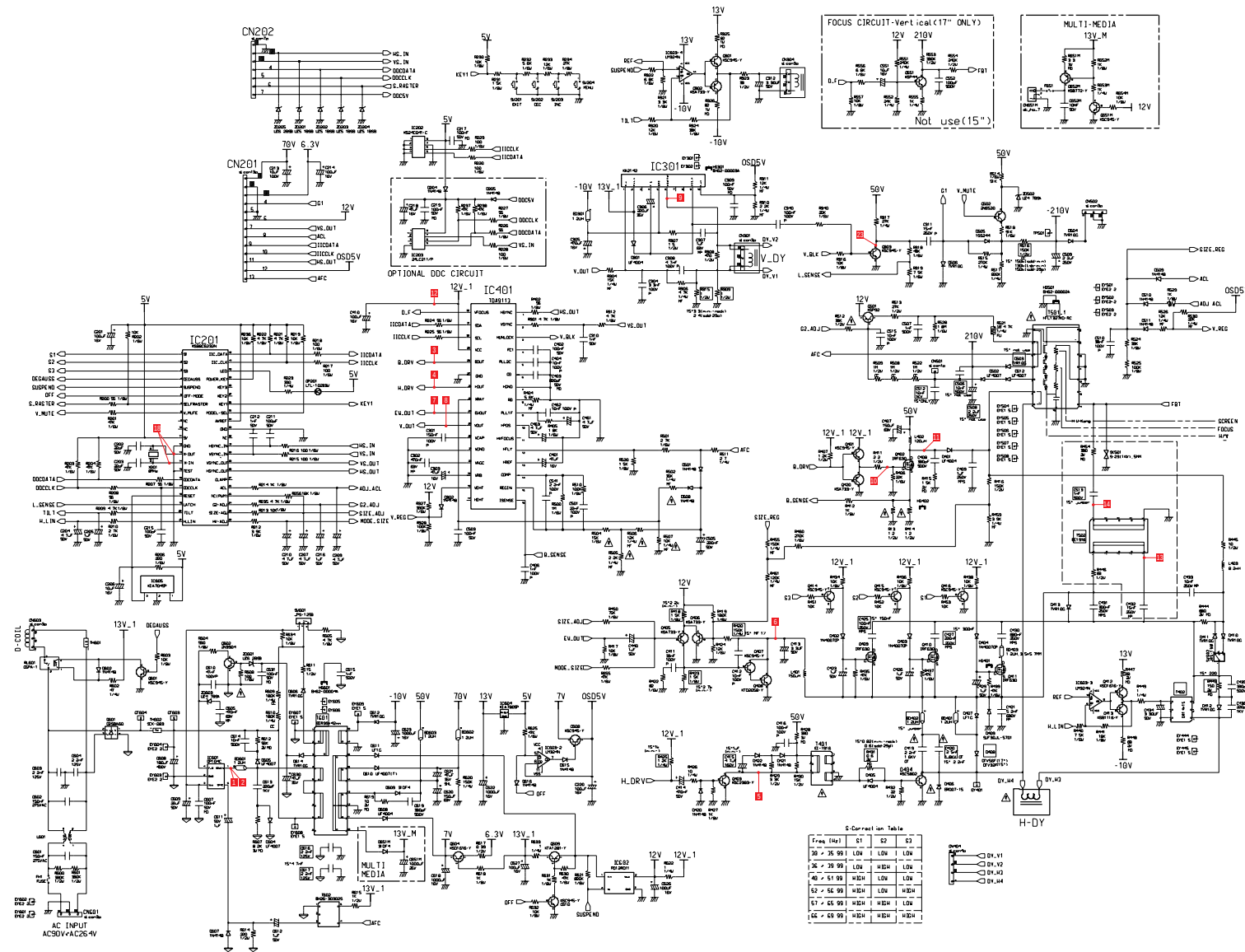


Table 10-1. IC601 (DP104C)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	286 V
4	0.8 mV
5	18.1 V
6	18.0 V
7	1.51 V
8	2.01 V
9	4.98 V

Table 10-2. IC602 (78R12)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	13.57 V
4	12.05
5	-17.0 mV
6	12.05
7	-15.5 mV
8	4.99 V
9	4.99 V

Unit: Vrms

Unit: Vrms

Table 10-3. IC201 (KS88C623IN)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	102 V
4	2.91 V
5	0.31 V
6	1.04 V
7	1.04 V
8	-8.7 mV
9	3.99 V
10	5.0 V
11	4.93 V
12	4.73 V
13	11.3 mV
14	4.5 mV
15	4.49 V
16	3.98 V
17	0.314 V
18	15.3 mV
19	-14.6 mV
20	5.12 V
21	5.12 V
22	5.12 V
23	5.12 V
24	5.12 V
25	5.12 V
26	5.12 V
27	5.12 V
28	5.12 V
29	5.12 V
30	5.12 V
31	5.12 V
32	5.12 V
33	5.12 V
34	5.12 V
35	5.12 V
36	5.12 V
37	5.12 V
38	5.12 V
39	5.12 V
40	5.12 V
41	5.12 V
42	5.12 V

Unit: Vrms

Table 10-5. IC301 (KA2142)

MODES	
#	MODES
1	800 x 600 / 85 Hz
2	640 x 480 / 60 Hz
3	0.64
4	0.64
5	13.2
6	13.0
7	0.1 mV
8	-10.6
9	-10.9
10	-3.9 mV
11	-1.6 mV
12	0.1 mV
13	0.1 mV
14	12.6 V
15	0.64 V

Unit: Vrms

Table 10-6. IC603 (LM324N)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	12.01
4	11.8
5	3.60
6	5.12
7	5.12
8	13.3
9	5.11
10	5.12
11	5.12
12	5.12
13	5.12
14	5.12

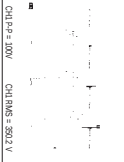
Unit: Vrms

Table 10-7. IC401 (TDA9113)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	3.77 V
4	2.73 V
5	1.88 V
6	1.88 V
7	1.88 V
8	1.88 V
9	1.88 V
10	1.88 V
11	1.88 V
12	1.88 V
13	1.88 V
14	1.88 V
15	1.88 V
16	1.88 V
17	1.88 V
18	1.88 V
19	1.88 V
20	1.88 V
21	1.88 V
22	1.88 V
23	1.88 V
24	1.88 V
25	1.88 V
26	1.88 V
27	1.88 V
28	1.88 V
29	1.88 V
30	1.88 V
31	1.88 V
32	1.88 V

Unit: Vrms

1 100V (IC601, #1)



2 100V (IC601, #1)



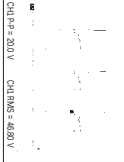
3 2.00 V (IC401, #28)



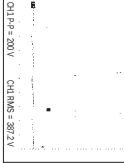
4 1.00 V (IC401, #25)



5 20.0 V (Q403, Collector)



6 200 V (Q408, Collector)



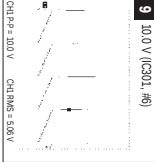
7 1.00 V (IC401, #24)



8 500 V (IC401, #23)



9 10.0 V (IC201, #6)



10 2.00 V (Q402, Gate)



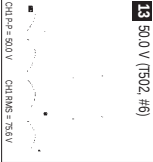
11 50.0 V (Q402, Drain)



12 2.00 V (IC401, #32)



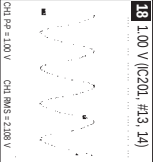
13 50.0 V (TS02, #6)



14 100 V (TS02, #1)



18 1.00 V (IC201, #13, 14)



23 5.00 V (Q303, Collector)



2-2 Video Part Schematic Diagram

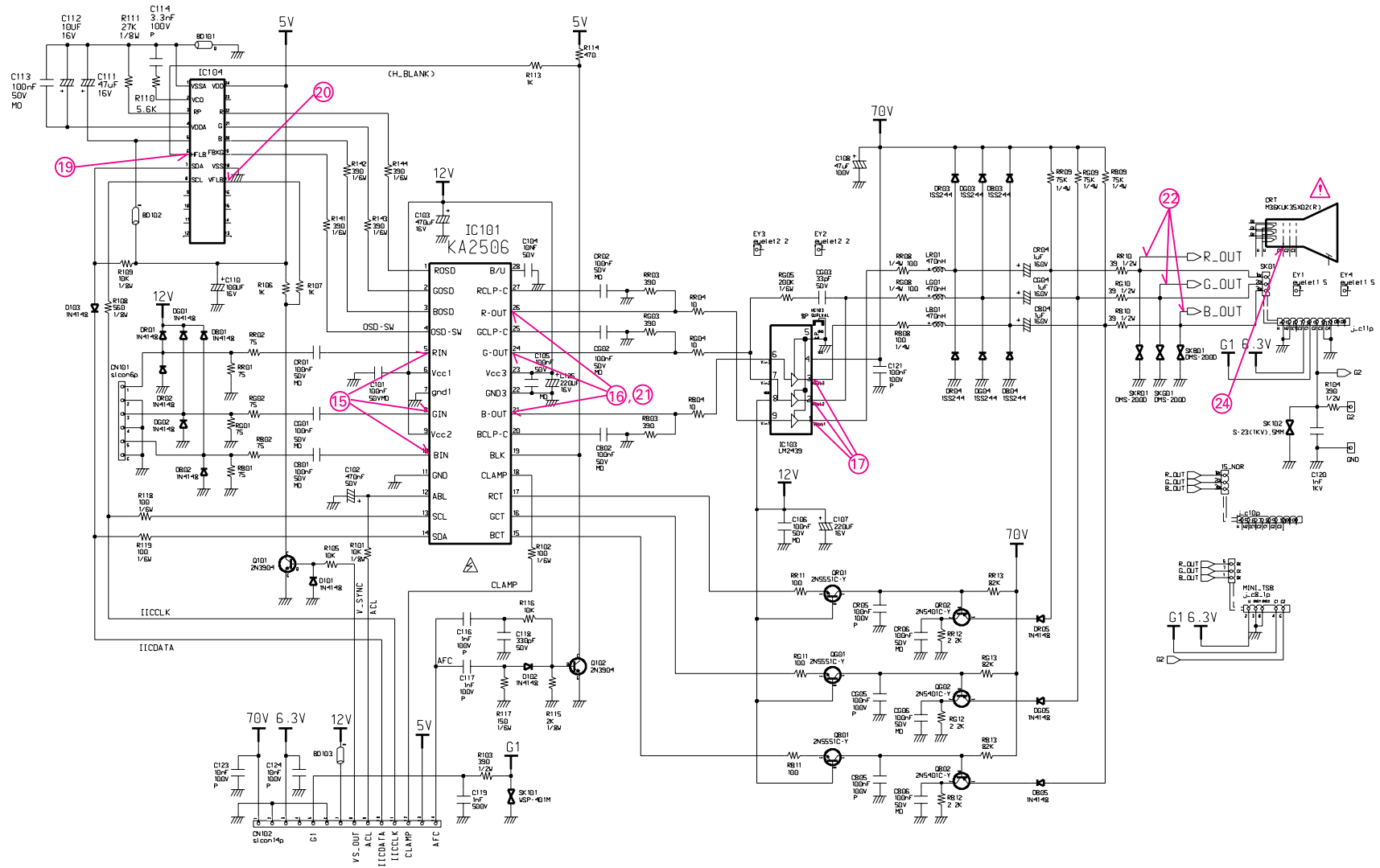


Table 10-8. IC101 (KA2906)

MODES		
#	in	MODES
1024 x 768 / 65 Hz 640 x 480 / 60 Hz		
1	4.6 mV	3.2 mV
2	4.5 mV	3.2 mV
3	4.4 mV	3.0 mV
4	4.0 mV	2.8 mV
5	2.42 V	2.45 V
6	11.8 mV	11.8 mV
7	1.06 mV	1.0 mV
8	2.42 V	2.44 V
9	11.85 V	11.8 V
10	2.41 V	2.43 V
11	1.44 mV	1.39 mV
12	4.22 V	4.15 V
13	5.11 V	5.11 V
14	5.11 V	5.11 V

Unit: Vrms

Table 10-9. IC103 (LM2437)

MODES		
#	in	MODES
800 x 600 / 65 Hz 640 x 480 / 60 Hz		
1	38.5	36.9
2	39.9	38.1
3	GND	GND
4	2.4 V	2.53
5	2.55	2.68
6	11.8	11.8
7	2.4 V	2.4 V
8	72.8	73.2
9	42.5	40.2

Unit: Vrms

Table 13-10. IC104 (KS2501 ~ 09)

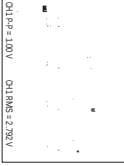
MODES		
#	in	MODES
1024 x 768 / 65 Hz 640 x 480 / 60 Hz		
1	1.3 mV	NC
2	2.24 V	NC
3	1.26 V	NC
4	1.27 V	NC
5	4.93	4.91
6	3.99	1.9 mV
7	5.11	4.9
8	5.11	5.3 V
9	NC	5.5 V
10	NC	5.6 V
11	NC	NC
12	NC	4.93

Unit: Vrms

15 1.00 V (IC101, #5, 8, 10)



16 1.00 V (IC101, #21, 24, 26)



17 20.0 V (IC103, #1, 2, 3)



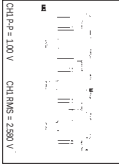
19 1.00 V (IC104, #6)



20 1.00 V (IC104, #17)



21 1.00 V (IC01, #21, 24, 26)



22 10.0 V (R, G, B Video)



24 20.00 V (CRT, G1)



