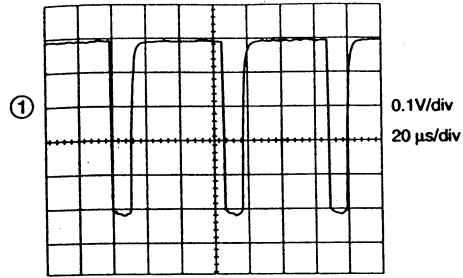
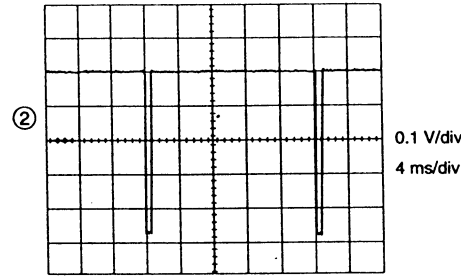


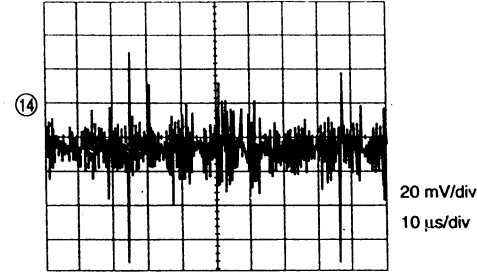
① IC1 Pin ①



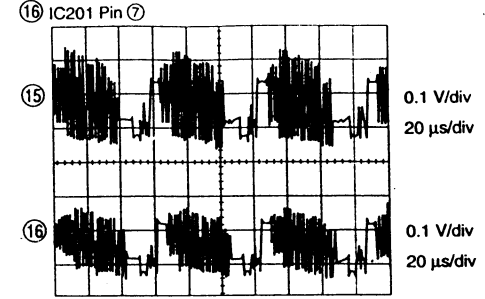
② IC1 Pin ②



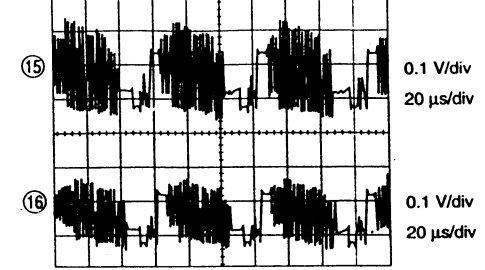
⑭ IC201 Pin ③



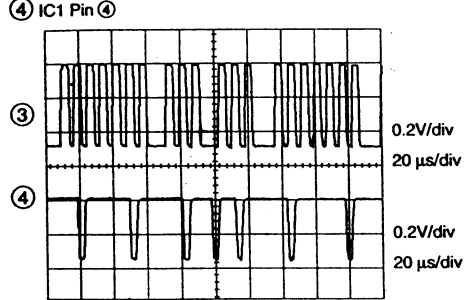
⑮ IC201 Pin ⑥



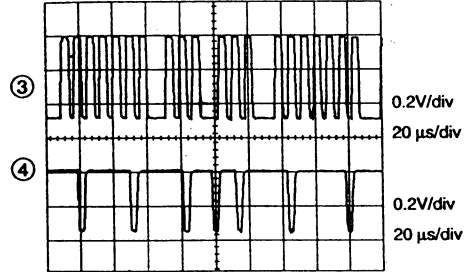
⑯ IC201 Pin ⑦



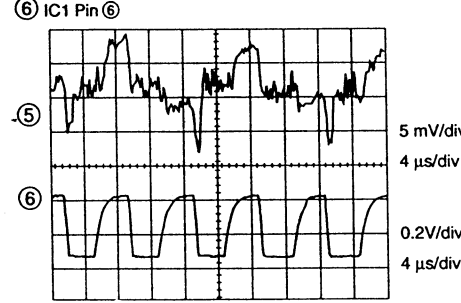
③ IC1 Pin ③



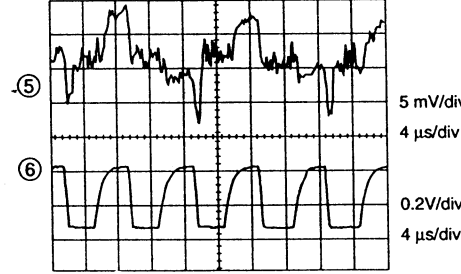
④ IC1 Pin ④



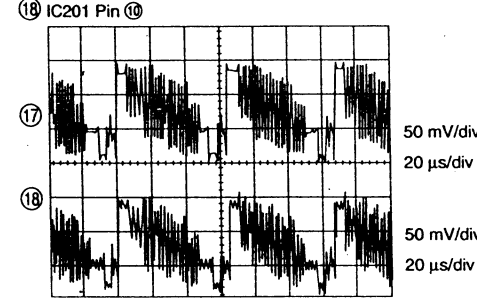
⑤ IC1 Pin ⑤



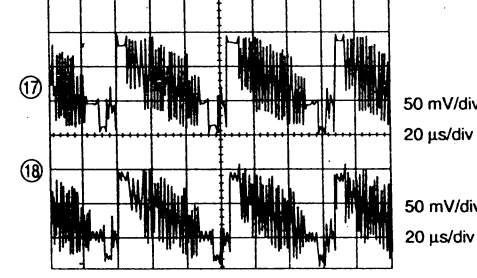
⑥ IC1 Pin ⑥



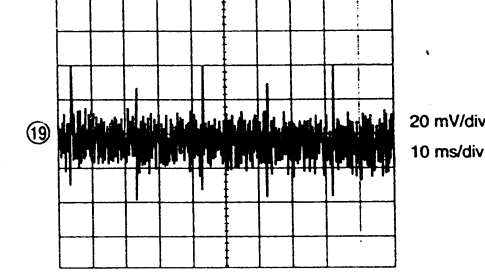
⑰ IC201 Pin ⑧



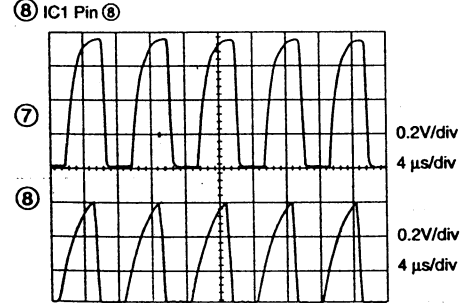
⑱ IC201 Pin ⑩



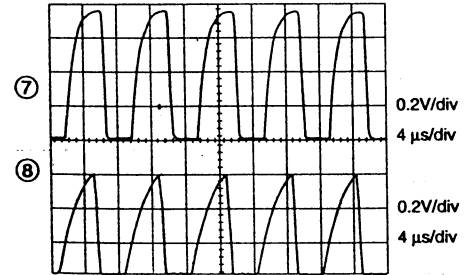
⑲ IC201 Pin ⑭



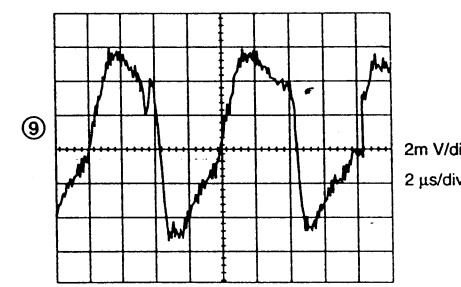
⑦ IC1 Pin ⑦



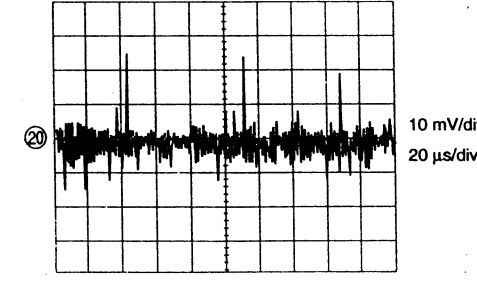
⑧ IC1 Pin ⑧



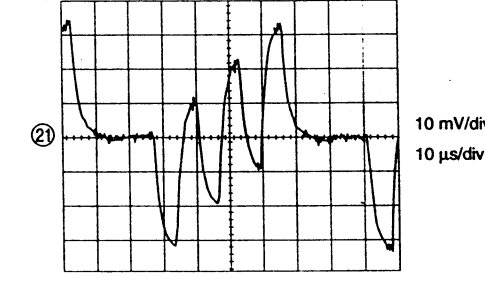
⑨ IC1 Pin ⑨



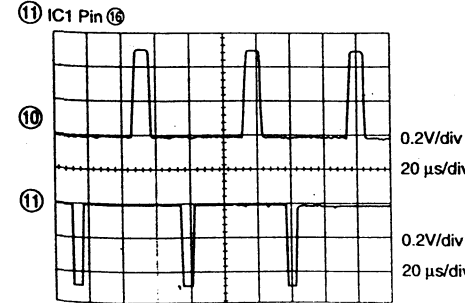
⑳ IC201 Pin ⑫



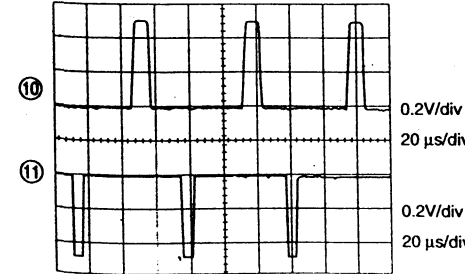
㉑ IC301 Pin ①



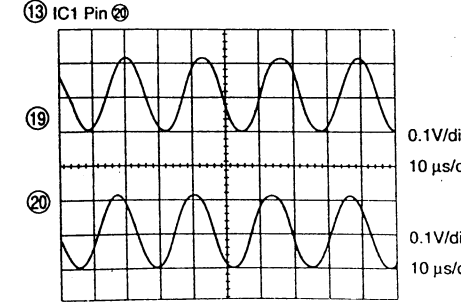
⑩ IC1 Pin ⑪



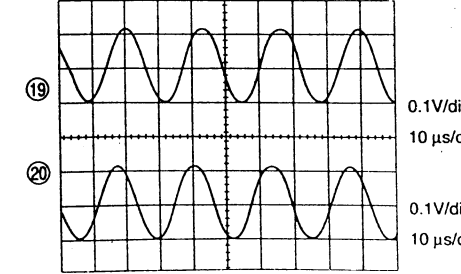
⑪ IC1 Pin ⑫



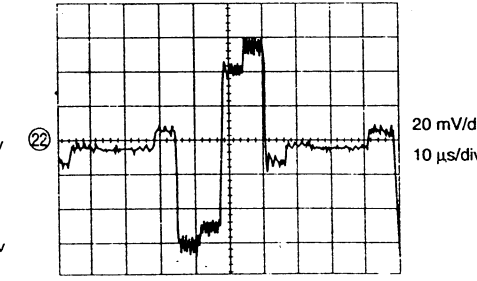
⑫ IC1 Pin ⑬



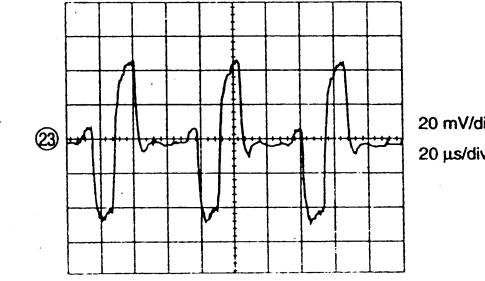
⑬ IC1 Pin ⑭



㉒ IC301 Pin ②

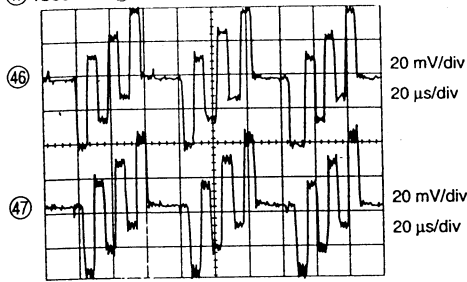


㉓ IC301 Pin ③



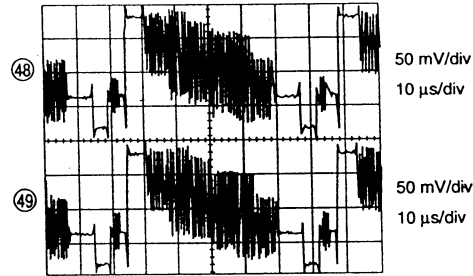
④6 IC301 Pin ⑥2

④7 IC301 Pin ⑥4



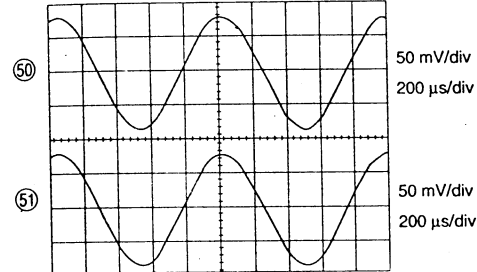
④8 IC302 Pin ①

④9 IC302 Pin ⑤

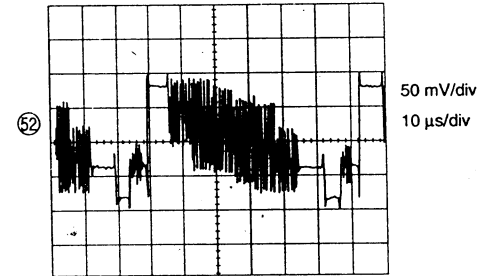


⑤0 IC302 Pin ⑬

⑤1 IC302 Pin ⑭

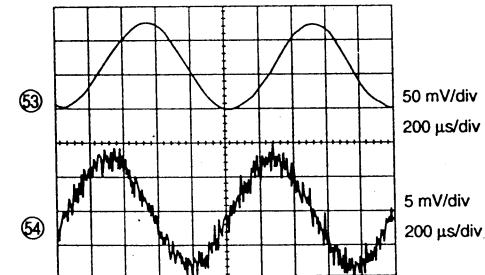


⑤2 IC302 Pin ⑮

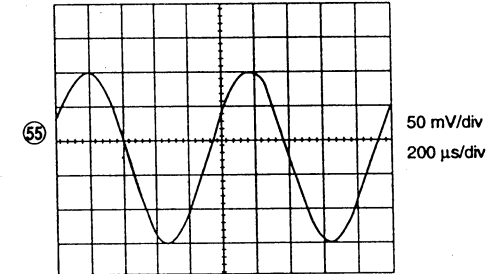


⑤3 IC401 Pin ②

⑤4 IC401 Pin ⑥

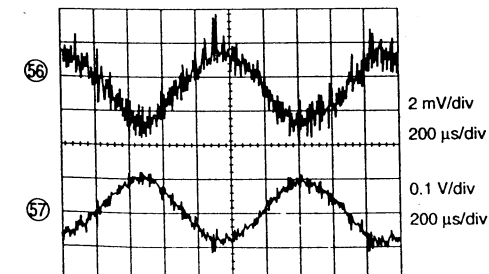


⑤5 IC401 Pin ⑧



⑤6 IC201 Pin ②3

⑤7 IC201 Pin ②4



INPUT VIDEO : PAL COLOR BAR (600Ω) } LEADER LT415PS
 AUDIO : 1Vp-p 1kHz (75Ω)
 VOL = 31

IC1 M37220M3-150SP

PIN NO.	NORMAL	CINEMA	STANDBY
1	3.9	3.9	5.0
2	4.7	4.7	5.0
3	0.1	0.1	0
4	2.4	2.4	0
5	2.0	2.0	0
6	1.6	1.6	0
7	3.3	3.3	0
8	1.8	0.8	0
9	4.9	4.9	4.9
10	4.9	4.9	4.9
11	0.7	0.7	0
12	0	0	4.9
13	0	0	4.9
14	4.9	4.9	4.9
15	0	0	0
16	0.8	0.8	0.8
17	4.9	4.9	4.9
18	0	0	0
19	2.2	2.2	2.2
20	2.1	2.1	2.0
21	0	0	0
22	5.0	5.0	5.0
23	4.9	4.9	4.1
24	0	0	0
25	4.9	4.9	4.9
26	4.9	4.9	4.9
27	0	0	0
28	5.0	5.0	5.0
29	1.7	1.7	0
30	5.0	4.9	5.0
31	4.9	4.9	4.9
32	4.9	4.9	4.9
33	4.9	4.9	4.9
34	0	0	4.6
35	0	0	0
36	0	0	0
37	4.9	4.9	4.9

PIN NO.	NORMAL	CINEMA	STANDBY
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0

IC2 BMR-4201

PIN NO.	NORMAL	CINEMA	STANDBY
1	5.0	5.0	5.0
2	0	0	0
3	4.9	4.9	4.9

IC3 AT24C02-10PI

PIN NO.	NORMAL	CINEMA	STANDBY
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	4.9	4.9	4.9
6	5.0	5.0	5.0
7	0	0	0
8	5.0	5.0	5.0

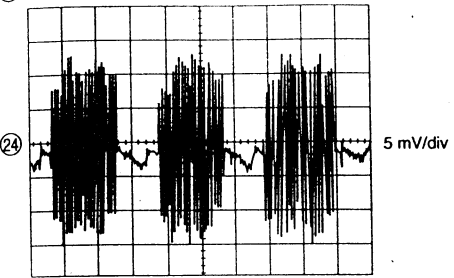
IC4 PIC-21043SP

PIN NO.	NORMAL	CINEMA	STANDBY
1	0	0	0
2	5.0	5.0	5.0
3	4.9	4.9	4.9

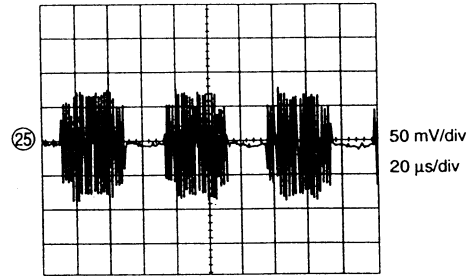
IC101 KA33V

PIN NO.	NORMAL	CINEMA	STANDBY
1	32.6	32.6	32.6
2	0	0	0

24 IC301 Pin 12

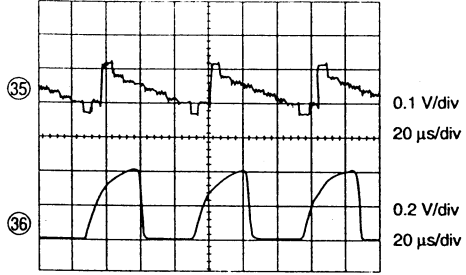


25 IC301 Pin 14

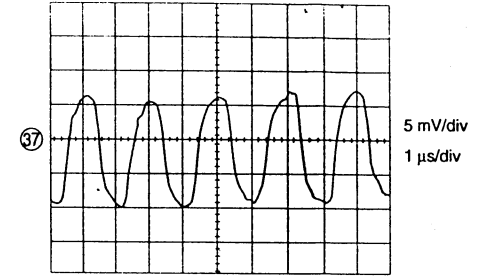


35 IC301 Pin 33

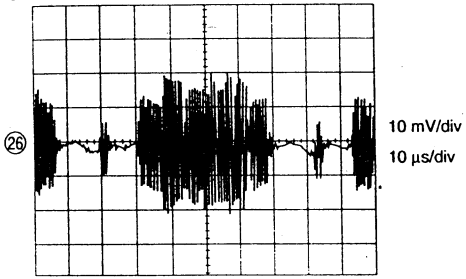
36 IC301 Pin 34



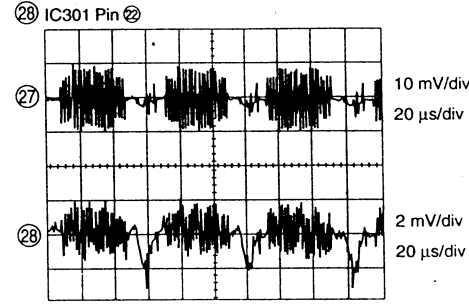
37 IC301 Pin 37



26 IC301 Pin 18

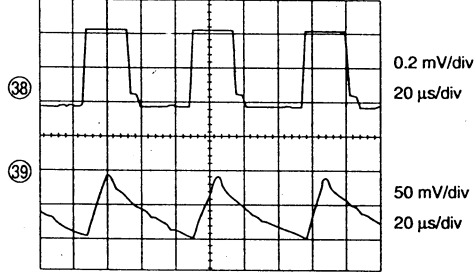


27 IC301 Pin 20

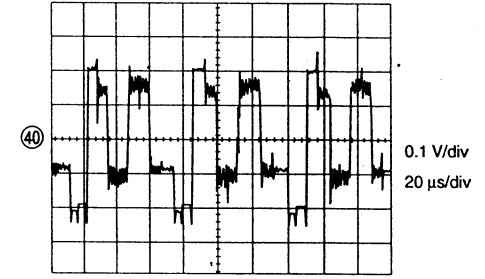


38 IC301 Pin 38

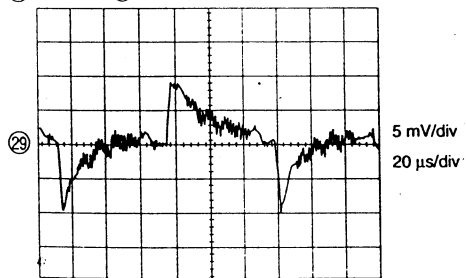
39 IC301 Pin 39



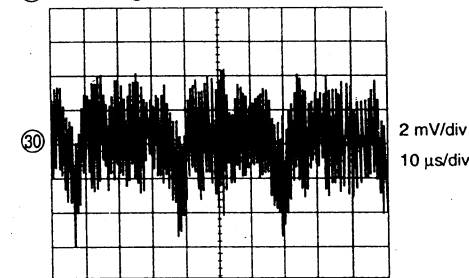
40 IC301 Pin 41



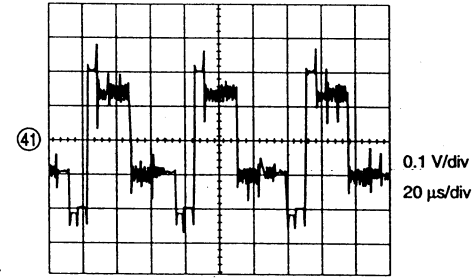
29 IC301 Pin 25



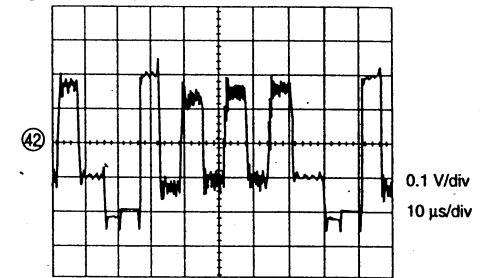
30 IC301 Pin 28



41 IC301 Pin 42

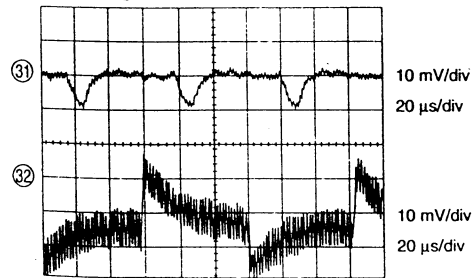


42 IC301 Pin 43



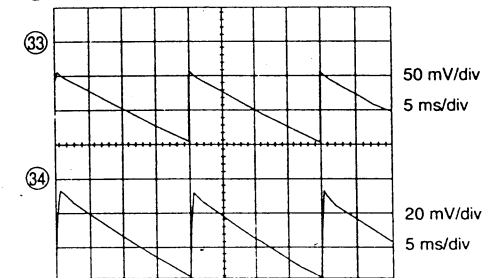
31 IC301 Pin 29

32 IC301 Pin 30

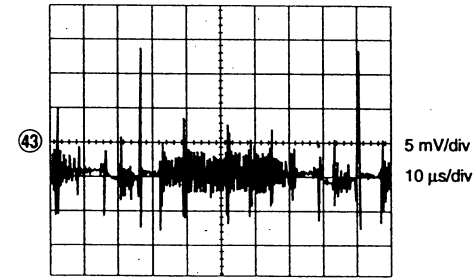


33 IC301 Pin 31

34 IC301 Pin 32

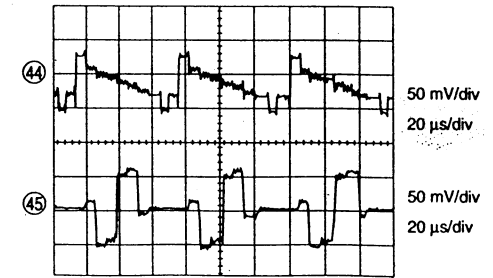


43 IC301 Pin 55



44 IC301 Pin 39

45 IC301 Pin 38



46 IC301 Pin 32

47 IC301 Pin 34

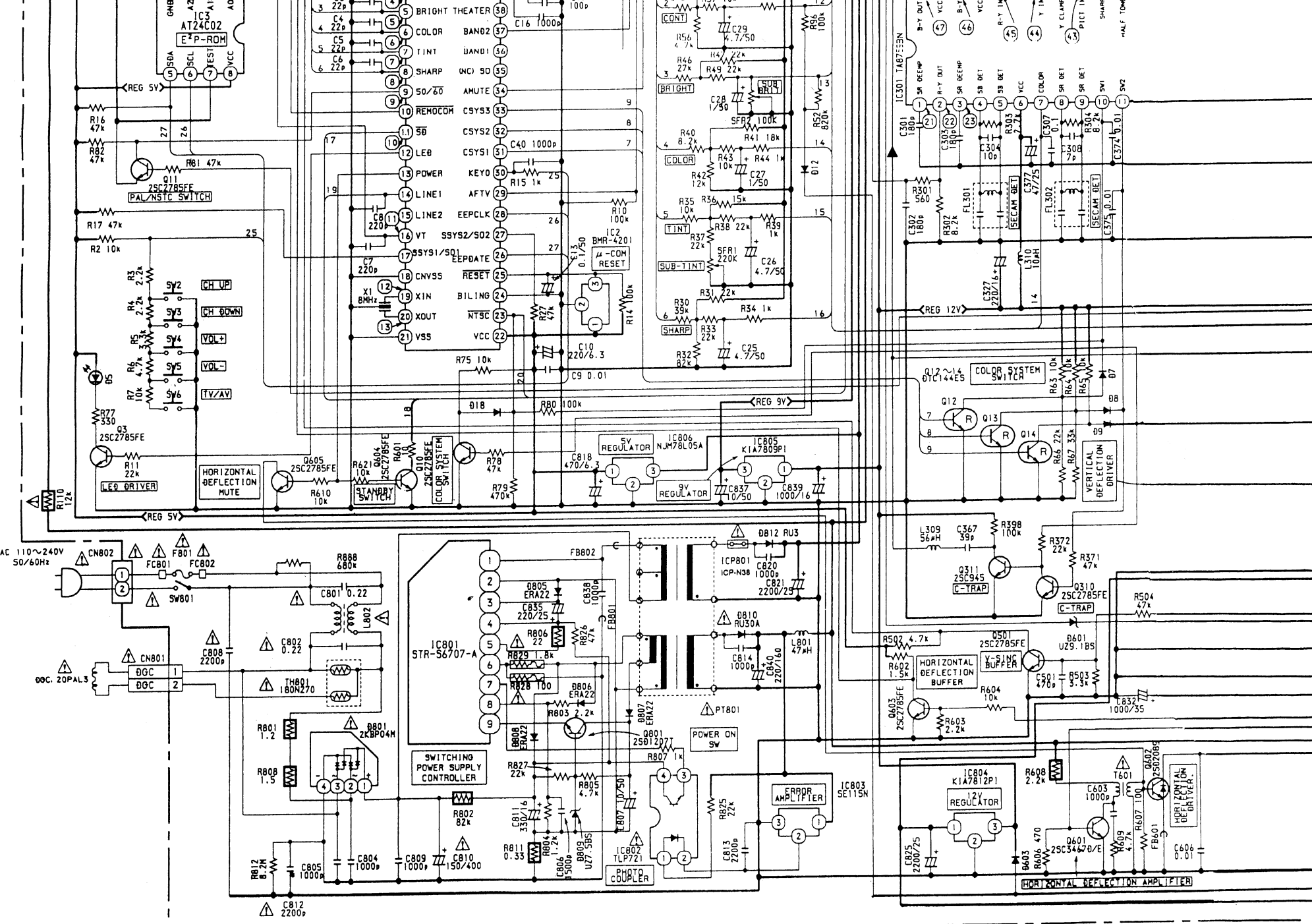


48 IC302 Pin 1

49 IC302 Pin 5

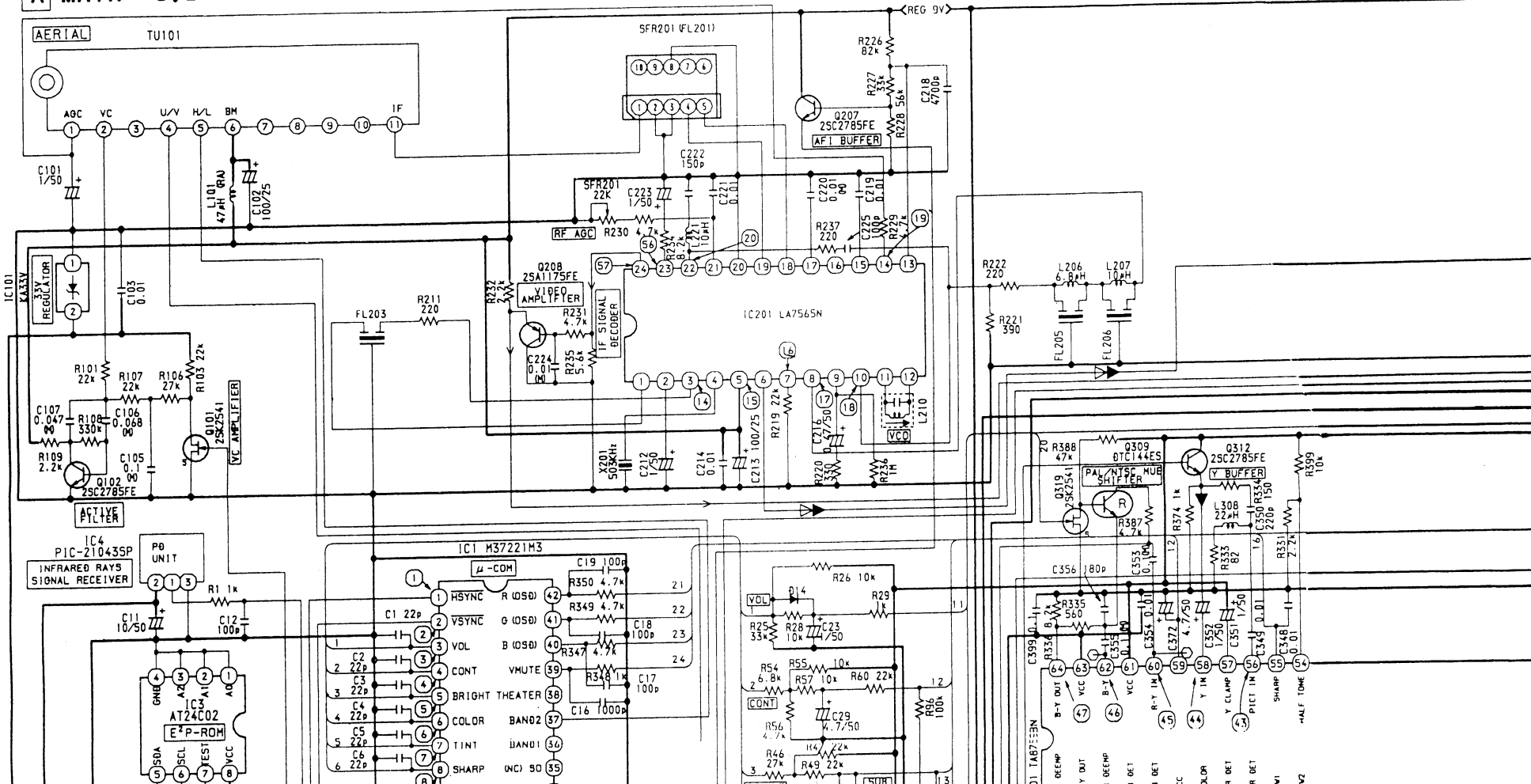


INPUT VIDEO : PAL COLOR BAR (600Ω)
AUDIO : 1V_{p-p} 1kHz (75Ω) } LEADER LT415PS
VOL = 31



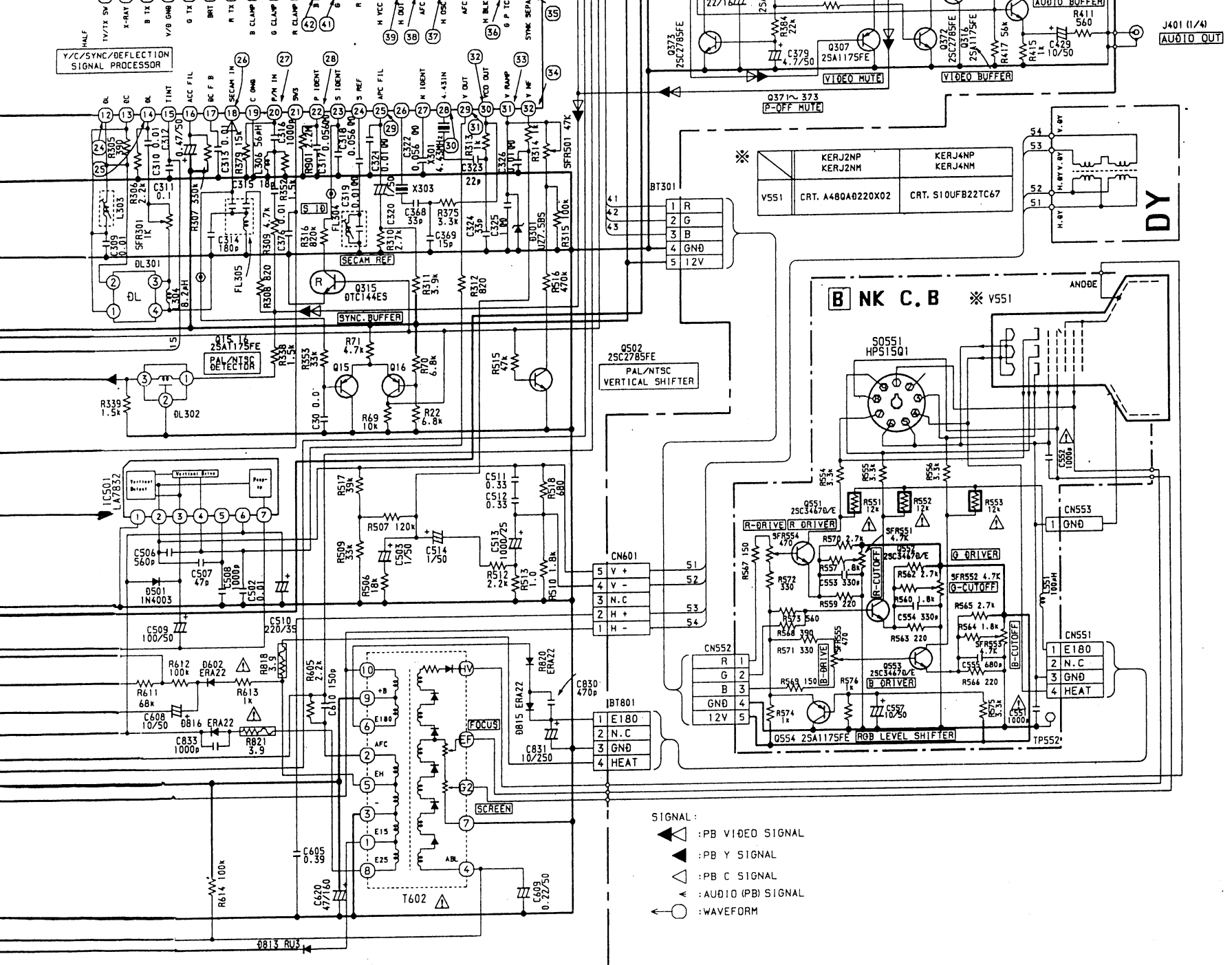
SCHEMATIC DIAGRAM

A MAIN C.B



Y/C/SYNC/DEFLECTION
SIGNAL PROCESSOR

J401 (1/4)
AUDIO OUT



- SIGNAL:
- ▲ :PB VIDEO SIGNAL
 - ▲ :PB Y SIGNAL
 - ▲ :PB C SIGNAL
 - ▲ :AUDIO (PB) SIGNAL
 - :WAVEFORM

DY

B NK C. B * V551

0502
25C2785FE
PAL/NTSC
VERTICAL SHIFTER

Q371 ~ 373
P-OFF MUTE

Q307
25A1175FE
VIDEO MUTE

Q372/85FE
25C2785FE
VIDEO BUFFER

CN601
5 V +
4 V -
3 N.C.
2 H +
1 H -

IBT801
1 E180
2 N.C.
3 GND
4 HEAT

CN552
R 1
G 2
B 3
GND 4
12V 5

CN553
1 GND

CN551
1 E180
2 N.C.
3 GND
4 HEAT

R-DRIVE (R DRIVER)

Q DRIVER

B-DRIVE (B DRIVER)

B-CUTOFF

Q551
25C34678/E

Q552
25C34678/E

Q553
25C34678/E

Q554
25A1175FE

TP552*

V551
CRT. A480A0220X02

V551
CRT. S10UF822C67

ANODE

H. BY

V. BY

CN553

CN551

CN552

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16	12.2	0.1	0
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IC801 STR-S6707-A

PIN NO.	NORMAL	CINEMA	STANDBY
1	0	0	0.2
2	0	0	0
3	0.1	0.1	0
4	0.5	0.5	0.4
5	1.4	1.4	1.1
6	0	0	0
7	0.2	0.2	0.2
8	0.5	0.5	0
9	4.1	4.1	7.0

IC804 KIA7812PI

PIN NO.	NORMAL	CINEMA	STANDBY
1	16.4	16.4	1.9
2	0	0	0
3	12.2	12.2	0.1

IC805 KIA7809PI

PIN NO.	NORMAL	CINEMA	STANDBY
1	12.2	12.2	0.1
2	0	0	0
3	8.9	8.9	0

IC803 SE115N

PIN NO.	NORMAL	CINEMA	STANDBY
1	0	0	0
2	0	0	0
3	0	0	0

IC806 NJM78L05A

PIN NO.	NORMAL	CINEMA	STANDBY
1	5.0	5.0	4.9
2	0	0	0
3	14.1	14.0	13.4

IC301 TA8759BN

PIN NO.	INPUT PAL COLOR BAR			INPUT NTSC COLOR BAR		
	NORMAL	CINEMA	STANDBY	NORMAL	CINEMA	STANDBY
1	8.7	8.7	0	8.7	8.7	0
2	8.2	8.2	0	8.1	8.1	0
3	8.7	8.7	0	8.7	8.7	0
4	6.6	6.6	0.1	6.6	6.6	0.1
5	6.6	6.6	0.1	6.6	6.6	0.1
6	12.2	12.2	0.1	12.2	12.2	0.1
7	3.4	3.4	0	3.4	3.4	0
8	6.6	6.6	0.1	6.6	6.6	0.1
9	6.6	6.6	0.1	6.6	6.6	0.1
10	6.1	6.1	0.7	0.1	0.1	0.7
11	6.1	6.1	0	0.1	0.1	0
12	5.3	5.3	0	5.3	5.3	0
13	5.3	5.3	0	5.3	5.3	0
14	8.0	8.0	0	10.4	10.4	0
15	6.2	6.2	0	6.2	6.2	0
16	10.9	10.9	0.1	11.0	11.0	0.1
17	3.5	3.5	0	3.5	3.5	0
18	4.5	4.5	0	7.4	7.4	0
19	0	0	0	0	0	0
20	5.1	5.1	0	5.1	5.1	0
21	2.1	2.1	0	2.1	2.1	0
22	11.5	11.5	0	5.4	5.4	0
23	5.5	5.5	0	5.4	5.4	0

REF. NO.	B			C			E		
	NORMAL	CINEMA	STANDBY	NORMAL	CINEMA	STANDBY	NORMAL	CINEMA	STANDBY
Q3	0	0	0.7	6.8	7.0	0.1	0	0	0
Q4	4.9	4.9	4.9	0	0	0	0	0	0
Q6	0	0	4.6	0.7	0.7	0	0	0	0
Q7	0	0	4.6	4.6	4.6	0	0	0	0
Q10	0.6	0.6	0	0	0	4.5	0	0	0
Q11	0	0	0	4.9	4.9	4.9	0	0	0
Q12	4.9	4.9	4.9	0	0	0	0	0	0
Q13	4.9	4.9	4.9	0	0	0	0	0	0
Q14	4.9	4.9	4.9	0	0	0	0	0	0
Q15	4.6	4.6	0.1	0	0	0	5.2	5.2	0.2
Q16	6.1	6.1	0.1	0	0	0	5.2	5.2	0.2
Q205	3.6	3.6	0	0	0	0	1.4	1.3	0
Q207	2.3	2.3	0	8.9	8.9	0	1.7	1.7	0
Q306	3.6	3.6	0.1	0	0	0.1	0	0	0
Q308	3.0	3.0	0.1	0	0	0	0	0	0
Q318	3.6	3.6	0.1	0	0	0	0	0	0
Q321	0	0	0	5.3	5.3	0	0	0	0
Q322	0	0	0	3.5	3.5	0	0	0	0
Q371	16.1	15.3	0.5	0.7	0.6	0.3	16.1	16.1	0.9
Q372	0	0	0.1	12.2	12.2	0.2	4.6	4.6	0
Q373	0	0	0.4	12.2	12.2	0	4.6	4.6	0
Q501	0.1	0.1	0	4.7	4.7	5.0	0	0	0
Q502	0	0	0	4.5	4.5	0.1	0	0	0
Q551	2.2	2.2	0	0	0	0	2.7	2.7	0.2
Q552	2.2	2.2	0	0	0	0	2.7	2.7	0.1
Q553	2.2	2.2	0	0	0	0	2.7	2.7	0.1
Q554	1.5	1.5	0	0	0	0	2.2	2.2	0
Q601	0.4	0.4	0	0	0	0	0	0	0
Q604	0	0	0.7	8.8	8.8	0.2	0	0	0

IC201 LA7565N

PIN NO.	NORMAL	CINEMA	STANDBY
1	2.2	2.2	0
2	2.2	2.2	0
3	7.5	7.5	0
4	8.1	8.1	0
5	8.9	8.9	0
6	3.7	3.7	0
7	3.2	3.2	0
8	2.7	2.7	0
9	2.9	2.9	0
10	2.7	2.7	0
11	8.5	8.5	0
12	8.6	8.6	0
13	3.9	3.9	0
14	8.0	8.0	0
15	1.7	1.7	0
16	1.6	1.6	0
17	0.1	0.1	0
18	3.6	3.6	0
19	3.6	3.6	0
20	0	0	0
21	1.7	1.7	0
22	2.6	2.6	0
23	3.0	3.0	0.1
24	3.5	3.5	0

IC302 TC4053BP

PIN NO.	NORMAL	CINEMA	STANDBY
1	0.2	0.2	0
2	3.3	3.3	0
3	3.3	3.3	0
4	0	0	0
5	0.2	0.2	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	4.6	4.6	0
13	4.1	4.1	0
14	4.6	4.6	0
15	3.3	3.3	0
16	12.2	0.1	0

IC801 STR-S6707-A

PIN NO.	NORMAL	CINEMA	STANDBY

IC401 AN5265

PIN NO.	NORMAL	CINEMA	STANDBY
1	12.1	12.1	0.1
2	5.4	5.4	0
3	0	0	0
4	0.6	0.6	0
5	6.8	6.8	6.0
6	6.9	6.9	6.0
7	0	0	0
8	6.6	6.6	6.1
9	13.9	13.9	13.3

IC501 LA7832

PIN NO.	NORMAL	CINEMA	STANDBY
1	0	0	0
2	14.3	14.3	0
3	24.6	24.6	1.1
4	0.8	0.8	0
5	0.7	0.7	0
6	24.3	24.3	0
7	1.5	1.5	0

IC802 TLP721

PIN NO.	NORMAL	CINEMA	STANDBY
1	0	0	0
2	0	0	0
3	0.3	0.3	0.5
4	4.1	4.1	3.9

IC804 KIA7812PI

PIN NO.	NORMAL	CINEMA	STANDBY

PIN NO.	INPUT PAL COLOR BAR			INPUT NTSC COLOR BAR		
	NORMAL	CINEMA	STANDBY	NORMAL	CINEMA	STANDBY
24	5.9	5.9	0.1	5.9	5.9	0
25	4.9	4.9	0	4.9	4.9	0
26	11.2	11.2	0	3.4	3.4	0
27	11.2	11.2	0	11.2	11.2	0
28	3.4	3.4	0	3.4	3.4	0
29	0.7	0.7	0	0.7	0.7	0
30	8.6	8.6	0.1	7.9	7.9	0.1
31	6.7	6.7	0	6.7	6.7	0
32	6.6	6.6	0	6.6	6.6	0
33	6.9	6.9	0	6.8	6.8	0
34	3.4	3.4	0.4	3.4	3.4	0.4
35	1.0	1.0	0	1.0	1.0	0
36	7.4	7.4	0.4	7.3	7.3	0.4
37	5.5	5.5	0.3	5.5	5.5	0.2
38	6.6	6.6	0	6.7	6.7	0
39	2.0	2.0	0	2.1	2.1	0
40	8.7	8.8	0.4	8.8	8.8	0.4
41	3.2	3.1	0.1	3.1	3.1	0.1
42	3.2	3.2	0.1	3.2	3.2	0.1
43	3.2	3.1	0.1	3.2	3.2	0.1
44	5.2	5.2	0.1	5.2	5.2	0
45	5.1	5.1	0	5.1	5.1	0
46	5.2	5.2	0	5.2	5.2	0
47	7.1	7.1	0	7.1	7.1	0
48	2.9	2.9	0	2.9	2.9	0
49	7.1	7.1	0	7.1	7.1	0
50	0	0	0	0	0	0
51	7.2	7.2	0	7.2	7.2	0
52	0	0	0	0	0	0
53	0	0	0	0	0	0
54	2.2	2.2	0	2.2	2.2	0
55	6.2	6.0	0.1	6.2	6.0	0.1
56	3.2	3.2	0	3.2	3.2	0
57	5.9	5.9	0	5.9	5.9	0
58	4.9	4.9	0.1	4.9	4.9	0.3
59	3.2	3.2	0	3.2	3.2	0.2
60	6.1	6.1	0	6.1	6.1	0
61	12.2	12.2	0.1	12.2	12.2	0.1
62	6.1	6.1	0	6.1	6.1	0
63	12.2	12.2	0.1	12.2	12.2	0.1
64	8.1	8.1	0	8.2	8.2	0

REF. NO.	B			C			E		
	NORMAL	CINEMA	STANDBY	NORMAL	CINEMA	STANDBY	NORMAL	CINEMA	STANDBY
03	0	0	0.7	6.8	7.0	0.1	0	0	0