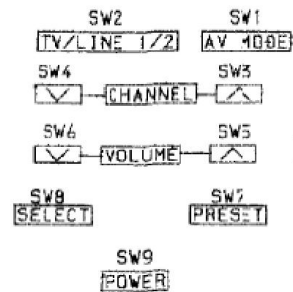
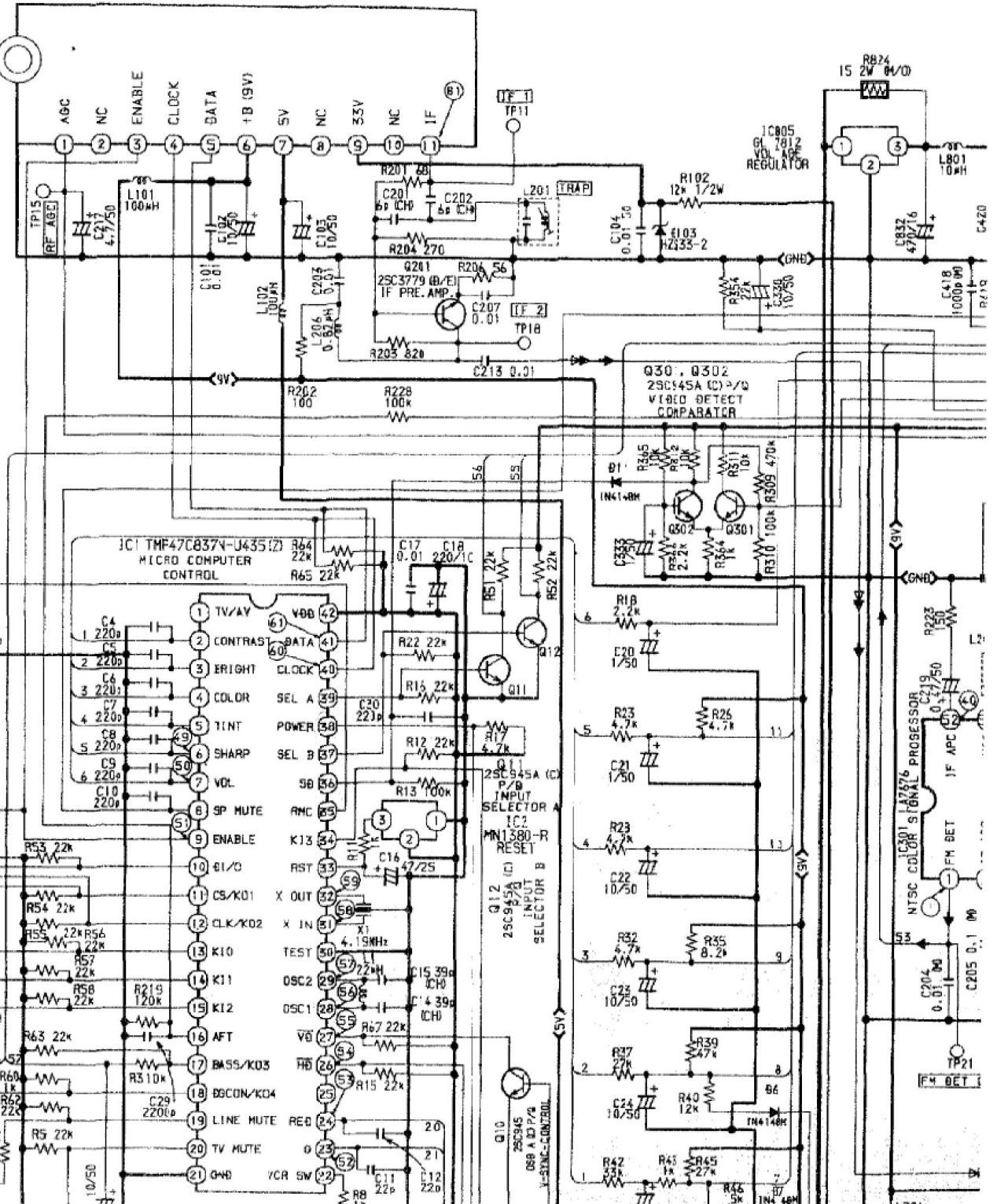
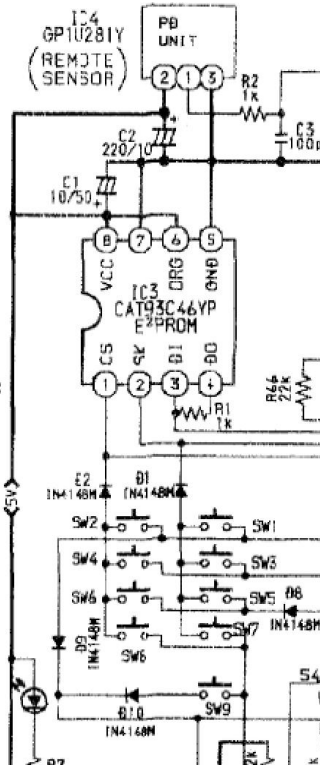


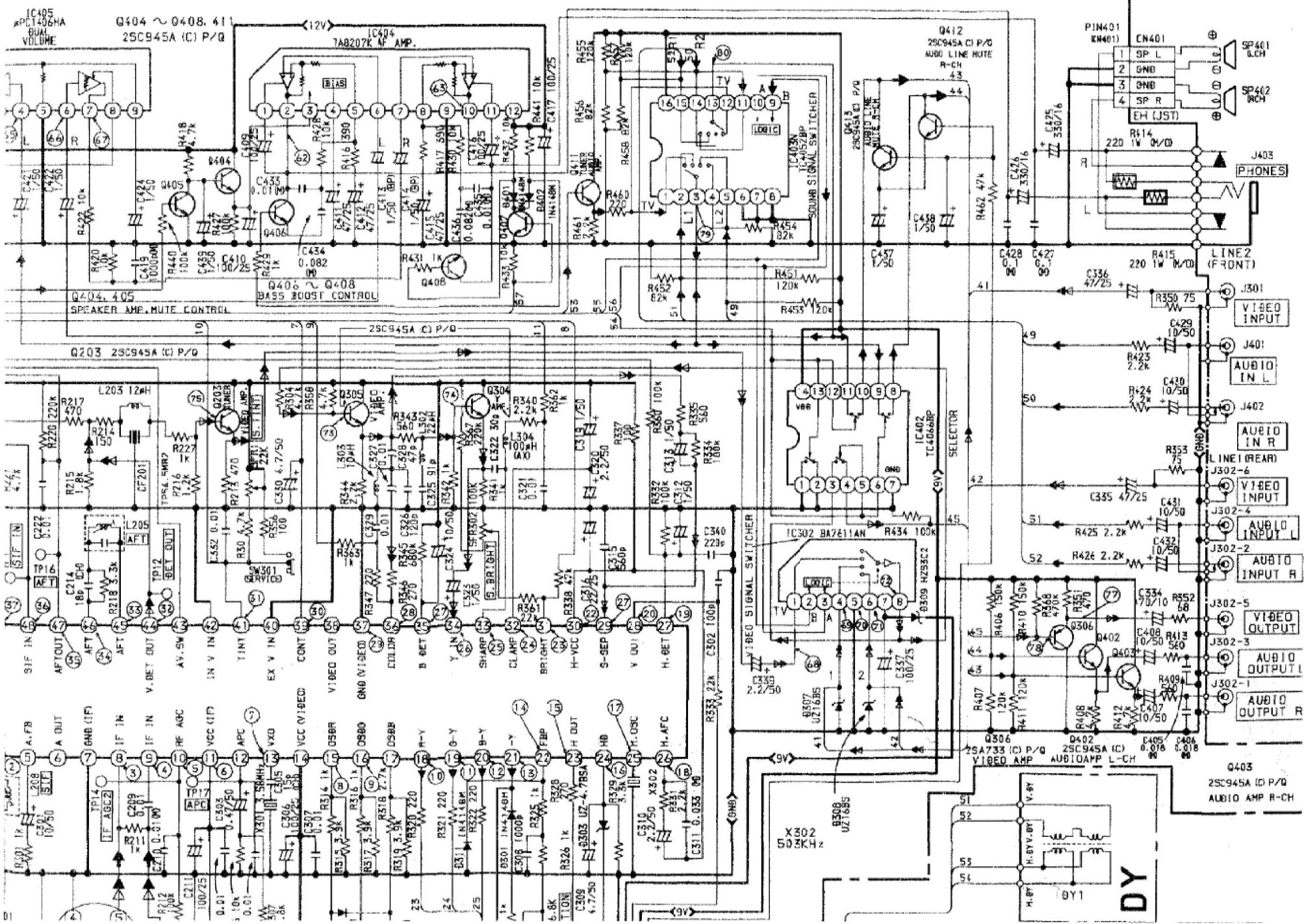
TUNER

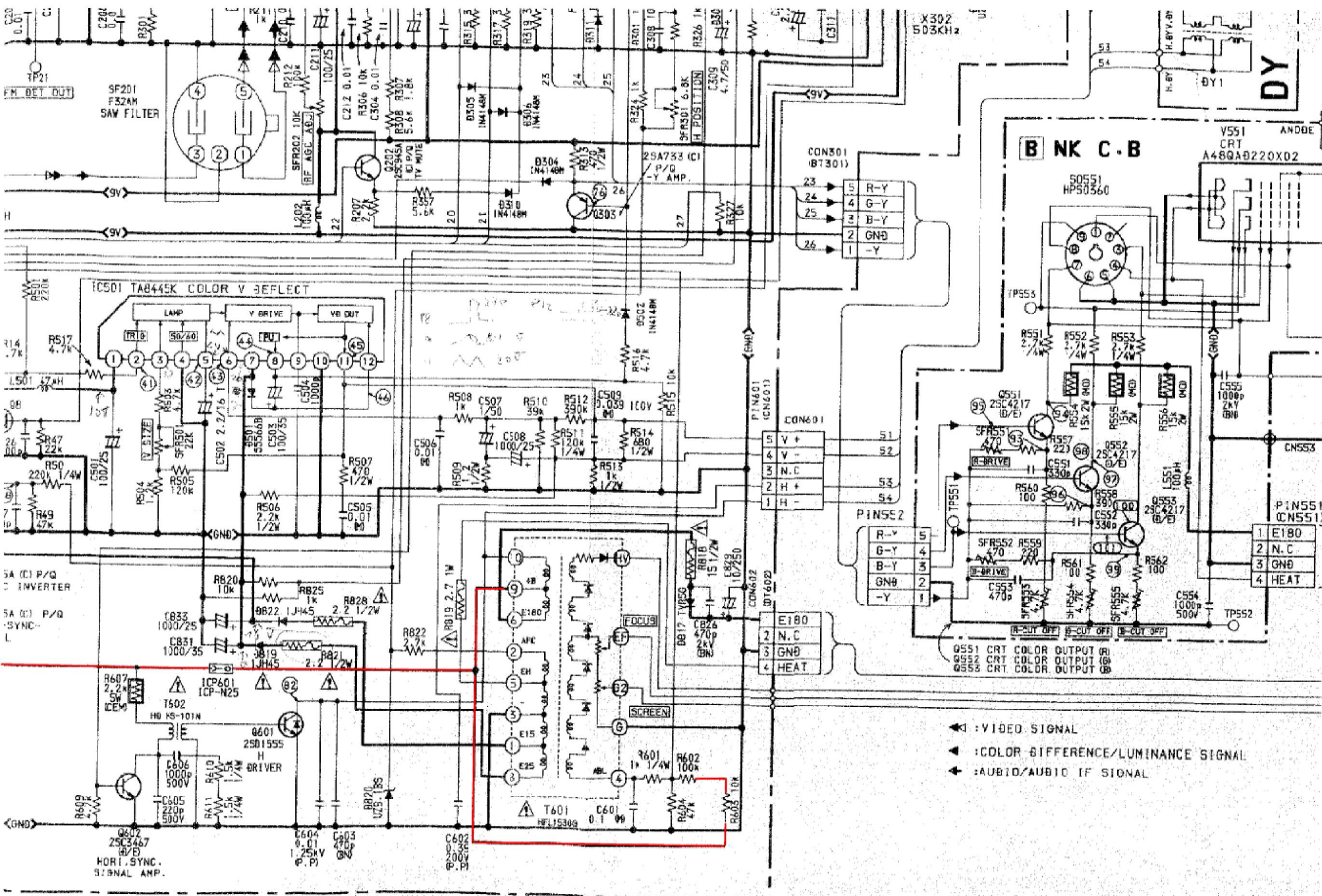
AERIAL

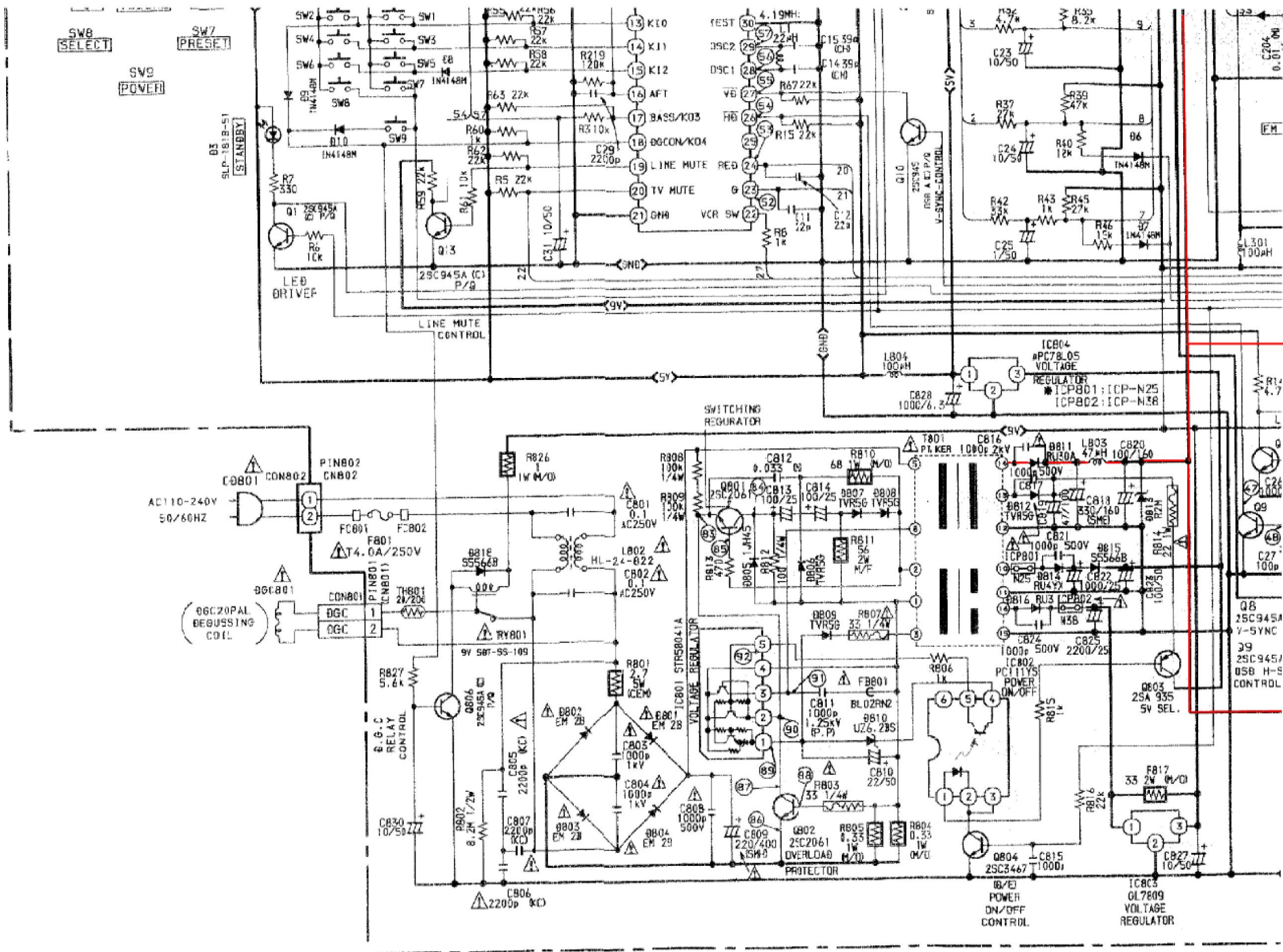


SLP-181B-51
STANBY









Value
Stand-by
0
0
0.4
1.7
1.1
0
1.7
0
0
0.3
0.7
0.7
0.7
0.1
0
0.5
0
0.6
2.3
0.1
0
1
1.6
1
0.7
2
0.7
0
2.2
0
0
2.3
0
2.1
0
0
0.7
0.5
0.5
0.8

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by
48	0	0	0
49	3.9	3.9	0
50	8.2	8.2	1.7
51	8.2	8.2	1.7
52	4.7	4.8	0.4
IC302			
1	2.2	2.3	0.6
2	0	0	0
3	0	0	0
4	2.5	2.6	0.5
5	0	0	0
6	2.3	2.4	0.4
7	5.4	5.5	0.5
8	1.3	1.4	1.2
IC402			
1	0	0	0
2	0	0	0
3	1.3	1.4	1.2
4	1.3	1.4	1.4
5	9.1	9.2	0
6	9.1	9.2	0
7	0	0	0
8	3.7	3.7	1.5
9	3.7	3.7	0
10	3.7	3.7	1.5
11	3.7	3.7	0
12	9.1	9.2	0
13	9.1	9.2	0
14	9.1	9.2	1.7
IC403			
1	3.7	3.7	0
2	3.7	3.8	0.7
3	3.7	3.7	0
4	3.7	3.8	0.7
5	3.7	3.8	0.7
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by
11	3.7	3.8	0.7
12	3.7	3.7	0
13	3.7	3.7	0
14	3.7	3.8	0.7
15	3.6	3.7	0.7
16	9.2	9.2	1.7
IC404			
1	11.8	12	0
2	6.3	6.5	0.4
3	12.2	12.4	0
4	6.5	6.7	0
5	0.5	0.6	0.3
6	0	0	0
7	0	0	0
8	0.5	0.6	0.3
9	0	0	0
10	6.4	6.5	0.3
11	11.8	12	0
12	13	13.2	0
IC405			
1	13	13.2	0
2	2.4	2.4	0
3	3	3	0
4	2.9	2.9	0
5	0	0	0
6	2.9	2.9	0
7	2.9	2.9	0
8	2.4	2.4	0
9	6.4	6.4	0
IC501			
1	9.3	9.3	1.6
2	0.1	0.1	0.7
3	1.3	1.3	0.1
4	0	0	0
5	4.2	4.2	0.5
6	4.1	4.1	0
7	25.1	25.4	0
8	1.6	1.6	0
9	0.8	0.8	0
10	0	0	0

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-b
11	13.9	13.9	0
12	25.7	26.1	1.2
IC801			
1	-41.9	-42	-7.1
2	0.2	0.2	0
3	391	374	285
4	0	0	0
5	-0.3	-0.3	-0.2
IC803			
1	15.2	15.1	2.2
2	0	0	0
3	9.3	9.3	1.7
IC804			
1	5.1	5.1	5.1
2	0	0	0
3	18.6	18.2	8.1
IC805			
1	15.5	15.7	0.1
2	0	0	0
3	13.1	13.2	0

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by
Q602			
E	0	0	0
C	96.4	98.1	22.6
B	0.3	0.3	0.5
Q801			
E	0.2	0.3	0.1
C	0.2	0.4	0.1
B	-3.3	-3.1	-0.2
Q802			
E	0	0	0
C	0.2	0.3	0.1
B	0	0	0
Q804			
E	0	0	0
C	56.2	56.2	0.2
B	0	0.1	0.7
Q806			
E	0	0	0
C	9.1	9.2	1.7
B	0.3	0.4	0.4
IC1			
1	5	5	5
2	5	1.3	5
3	2.5	1.3	2.5
4	2.5	2.6	0
5	2.5	2.6	2.6
6	2.5	2.6	2.5
7	2.3	2.4	0
8	0	0	5
9	0	0	0
10	5	5	0
11	3.2	3.3	3.3
12	3.3	3.3	3.4
13	0.8	0.9	0.9
14	5	5	5
15	5	5	5
16	2.5	2.3	0.5
17	0.1	0.2	0.1
18	0.3	0.4	0.4
19	0	0	2

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by
20	0	0	2.3
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	4.1	4.4	5
27	4.8	4.4	0
28	4.6	4.4	5
29	4.7	4.4	5
30	0	0	0
31	2	2.1	2.1
32	2.2	2.3	2.3
33	5	5	5
34	5	5	5
35	4.9	4.9	5
36	5.6	5.7	1.1
37	0.6	0.6	0.6
38	0	0	3.2
39	0.6	0.6	0
40	0	0	0
41	0	0	0
42	5	5	5
IC3			
1	3.3	3.4	3.4
2	3.3	3.3	3.3
3	5	5	0
4	5	5	0
5	0	0	0
6	5	5	5
7	0	0	0
8	5	5	5
IC301			
1	4.3	4.3	0
2	6.8	6.8	0
3	0	0	0
4	5.6	5.7	0.5
5	4.3	4.3	0.4
6	4.1	4.1	0.9
7	0	0	0

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by
8	4.5	4.5	0
9	4.5	4.5	0
10	5.2	5.3	0.4
11	9.1	9.1	1.7
12	5.6	5.7	1.1
13	5.5	5.5	0
14	8.9	9	1.7
15	0	0	0
16	0	0	0
17	0	0	0.3
18	5.2	5.2	0.7
19	5.2	5.2	0.7
20	5.2	5.2	0.7
21	3.9	4.6	0.1
22	0.5	0.6	0
23	0.4	0.5	0.5
24	0	0	0
25	5.1	5.1	0.6
26	5.7	5.7	2.3
27	5	5.1	0.1
28	4.4	4.5	0
29	6.5	6.5	1
30	7.6	7.7	1.6
31	3.8	3.7	1
32	2.4	2.5	0.7
33	5.4	5.5	2
34	4.3	4.4	0.7
35	4.3	4.2	0
36	4.9	5	2.2
37	0	0	0
38	0	0	0
39	6.7	5.7	2.3
40	0	0	0
41	4.4	4.4	2.1
42	0	0	0
43	0.1	0.2	0
44	3.1	3.2	0.7
45	3.1	3.1	0.5
46	3.1	3.1	0.5
47	4.5	4.1	0.8

VOLTAGE CHART

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by

Q1			
E	0	0	0
C	5.5	5.5	0.1
B	0.1	0.1	0.7

Q8			
E	0	0	0
C	0	0.1	2.9
B	0.5	0.6	0

Q9			
E	0	0	0
C	4.1	4.1	5
B	0	0.1	0

Q10			
E	0	0	0
C	4.8	4.9	0
B	0	0	0.6

Q11			
E	0	0	0
C	0	0	0
B	0.6	0.6	0.6

Q12			
E	0	0	0
C	0	0	0
B	0.6	0.6	0.6

Q13			
E	0	0	0
C	9.1	9.2	0
B	0	0	0.6

Q201			
E	1.6	1.7	0.4
C	0.8	0.9	0
B	8.8	7	1.5

Q202			
E	0	0	1.7
C	9.1	9.1	1.7
B	0	0	2.3

Q203			
E	0.9	1	0
C	8.9	9	1.7

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by

Q301			
E	1	1.1	0
C	1	1.1	1.7
B	1.6	1.7	0.2

Q302			
E	1	1	0
C	6	6.2	1.5
B	1.5	1.6	0.3

Q303			
E	4.3	5.1	0.7
C	0	0	0
B	3.9	4.6	0.1

Q304			
E	2.2	2.3	0
C	8.9	9	1.7
B	2.9	2.9	0.5

Q305			
E	4.5	4.5	0.8
C	8.9	9	1.7
B	5.1	5.2	1.4

Q306			
E	2	2.1	1.7
C	0	0	0
B	1.3	1.4	1.4

Q402			
E	3.1	3.1	0.9
C	9.1	9.2	1.7
B	3.7	3.7	1.5

Q403			
E	3.1	3.1	0.9
C	9.1	9.2	1.7
B	3.7	3.7	1.5

Q404			
E	12.2	12.4	0.2
C	13	13.2	0.1
B	12.8	13	0

Q405			
E	0	0	0
C	12.8	13	0

Adjustment Point Ref. No.	Mode Adjustment Value		
	Normal	Dimmer	Stand-by

Q406			
E	6.3	6.5	0
C	6.3	6.5	0
B	7	7.1	0

Q407			
E	0	0	0
C	7.4	7.8	0.7
B	0	0.1	0.1

Q408			
E	6.4	6.5	0
C	6.4	6.5	0.4
B	7	7.2	0

Q411			
E	3.7	3.7	0
C	9.1	9.2	1.7
B	4.3	4.3	0

Q412			
E	1.2	0	1.5
C	3.7	3.7	1.5
B	0	0.1	2.1

Q413			
E	0	0	1.5
C	3.7	3.7	1.5
B	0	0.1	2.1

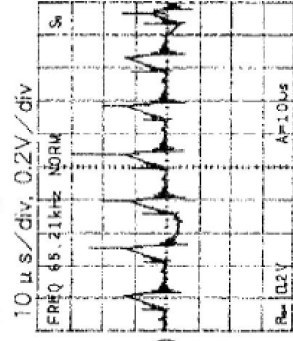
Q551			
E	4.9	5	0.6
C	157	183	100
B	5.1	5.2	0.7

Q552			
E	4.7	4.8	0.6
C	156	182	100
B	5.2	5.2	0.6

Q553			
E	4.7	4.7	0.5
C	151	171	100
B	5.2	5.2	0.6

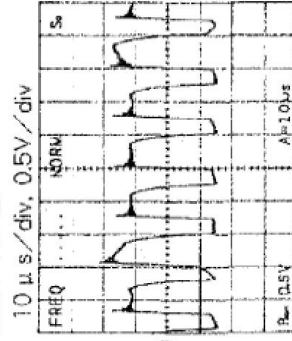
Q601			
E	0	0	0
C	-31.2	-22.8	22.6
B	-0.1	-0.1	0

89 IC801 Pin ①



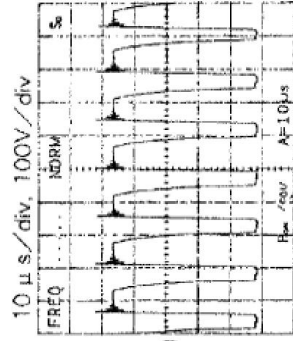
89

90 IC801 Pin ②



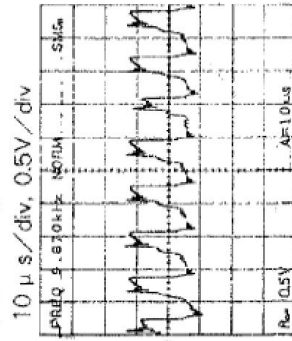
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91 IC801 Pin ③



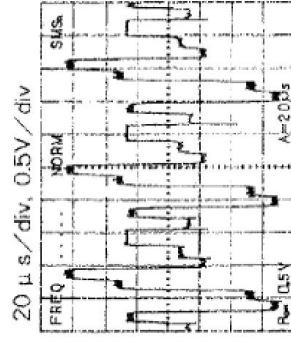
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92 IC801 Pin ⑤



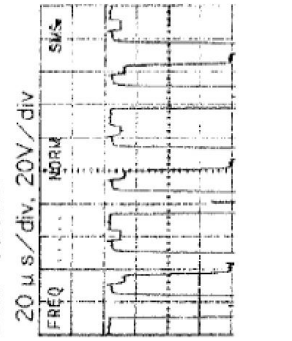
92

93 Q551 Emitter



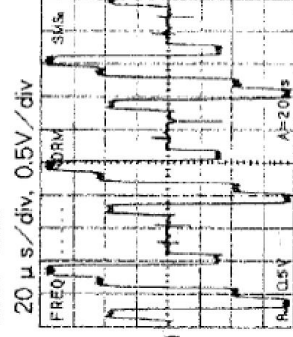
93

94 Q551 Collector



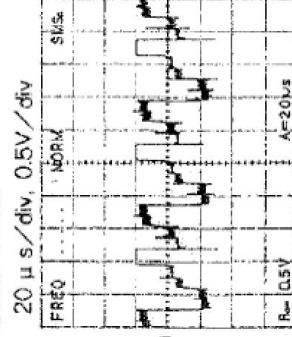
94

95 Q551 Base



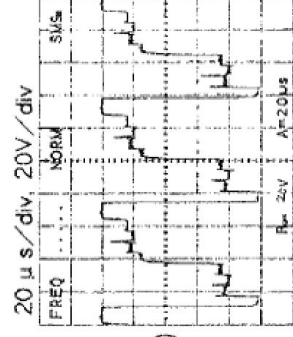
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96 Q552 Emitter



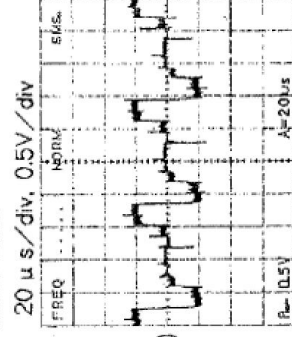
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97 Q552 Collector



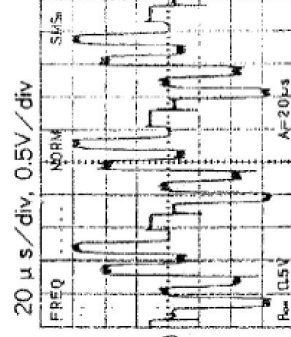
97

98 Q552 Base



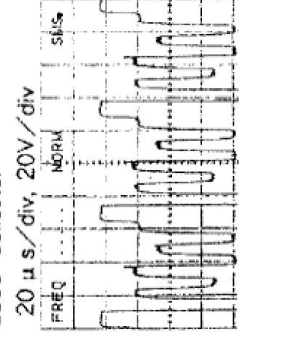
98

99 Q553 Emitter



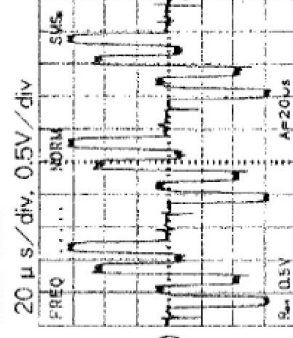
99

100 Q553 Collector



100

101 Q553 Base



101