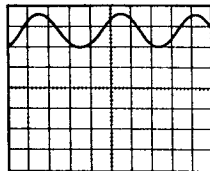
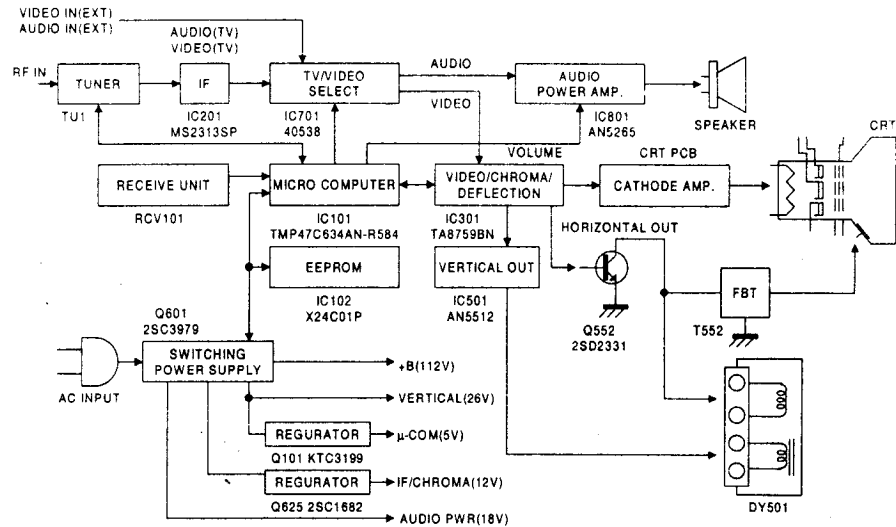
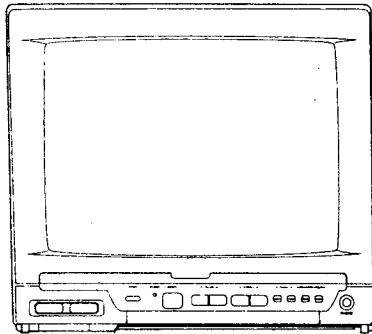


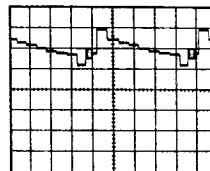


14" COLOR TELEVISION

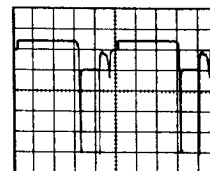
TV-1400A MK8



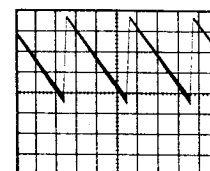
WFa 1DIV: 1V 0.2msec



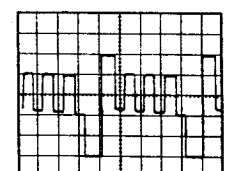
WFe 1DIV: 0.5V 10µsec



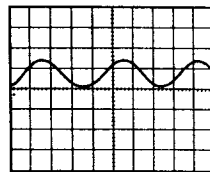
WFi 1DIV: 2V 10µsec



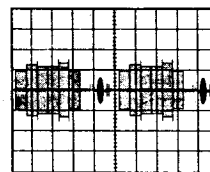
WFm 1DIV: 0.5V 5msec



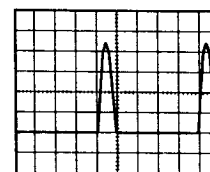
WFq 1DIV: 1V 10µsec



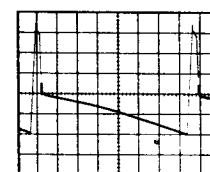
Wfb 1DIV: 1V 0.2msec



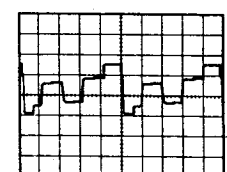
Wff 1DIV: 0.2V 10µsec



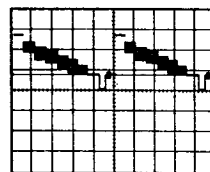
WFj 1DIV: 250V 10µsec



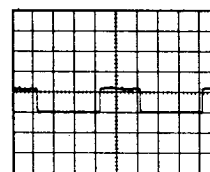
Wfn 1DIV: 10V 2msec



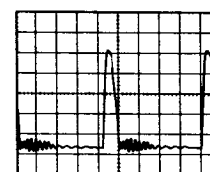
Wfr 1DIV: 50V 10µsec



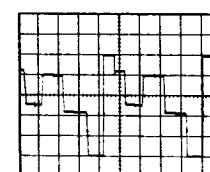
Wfc 1DIV: 1V 10µsec



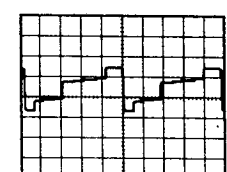
Wfg 1DIV: 0.5V 10µsec



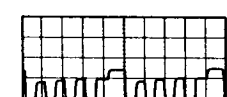
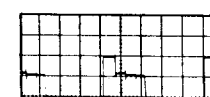
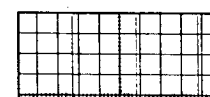
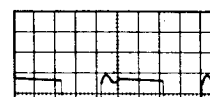
Wfk 1DIV: 5V 10µsec

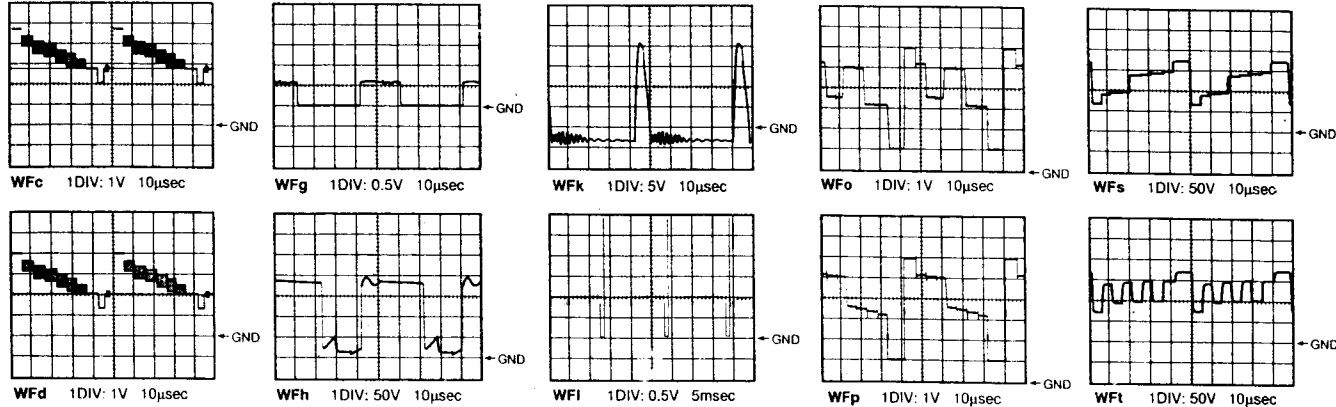


Wfo 1DIV: 1V 10µsec



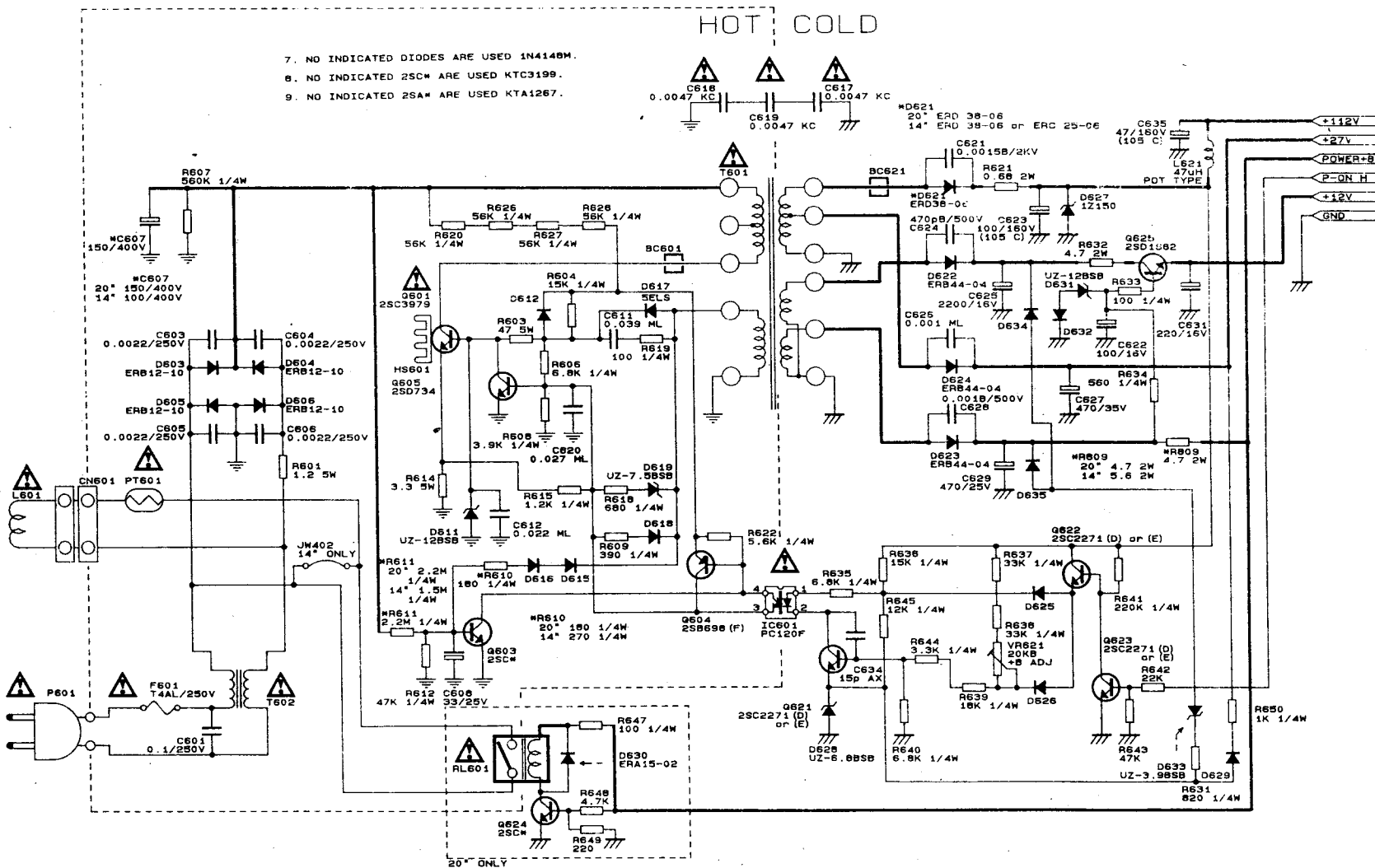
Wfs 1DIV: 50V 10µsec

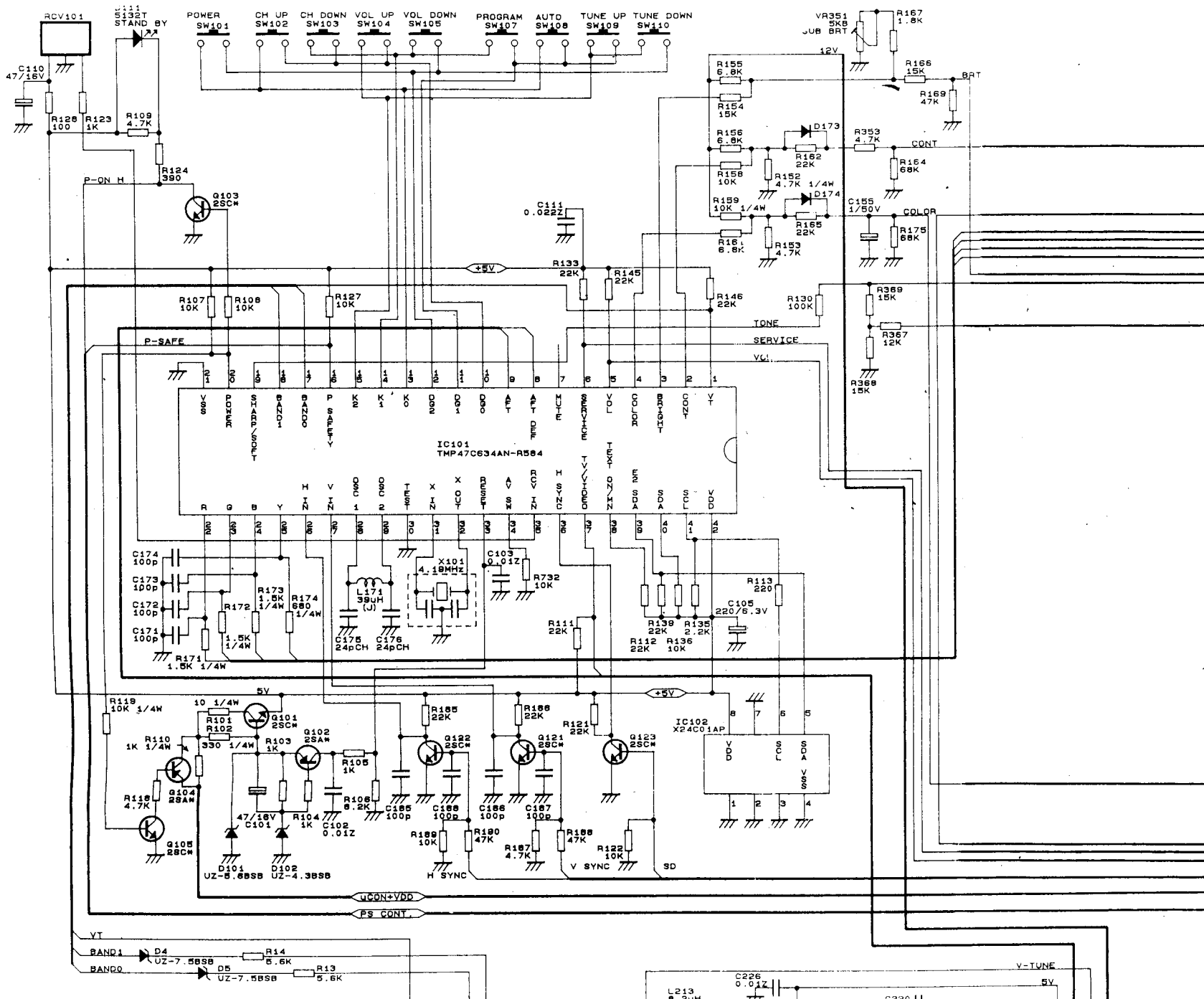


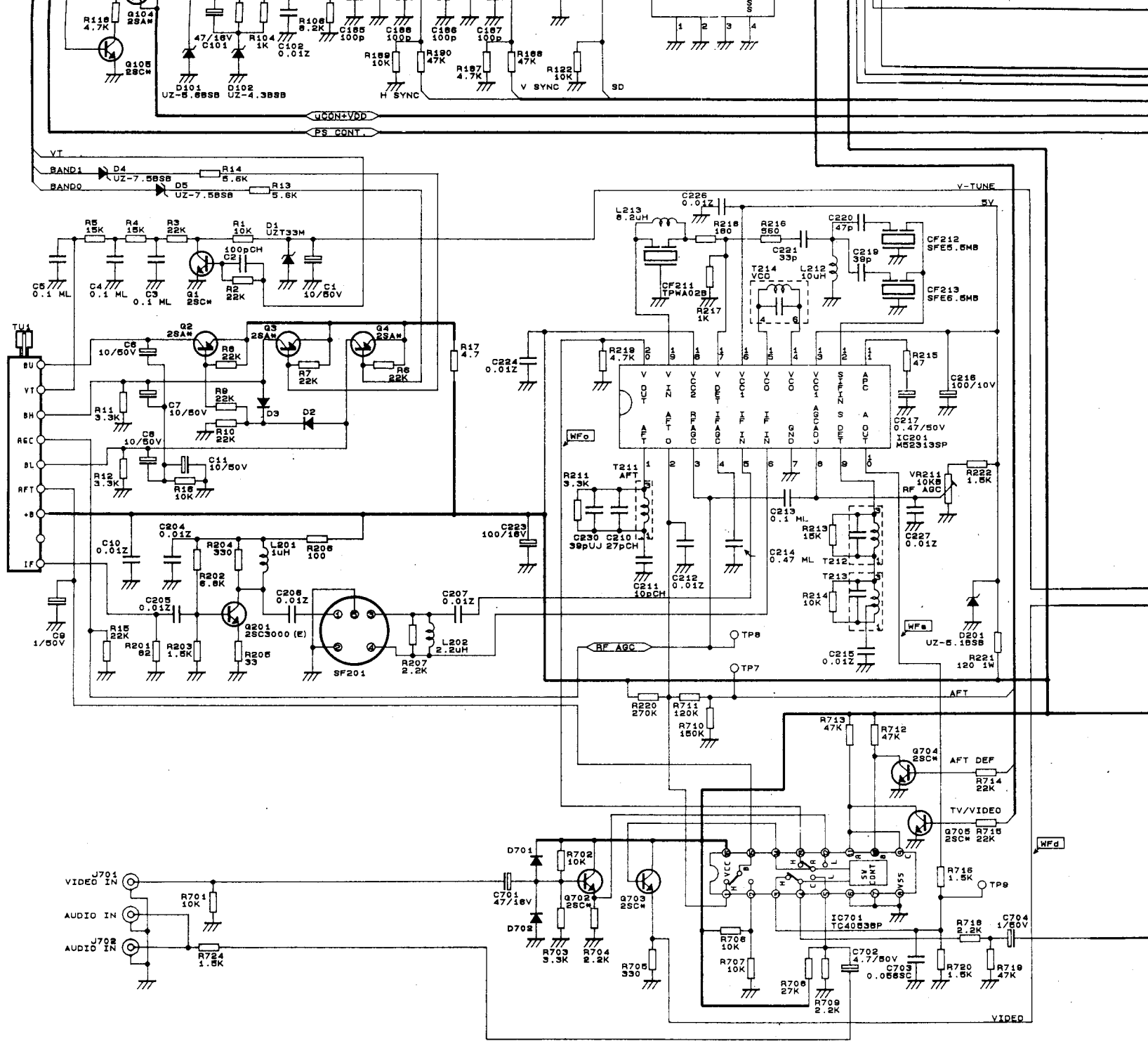


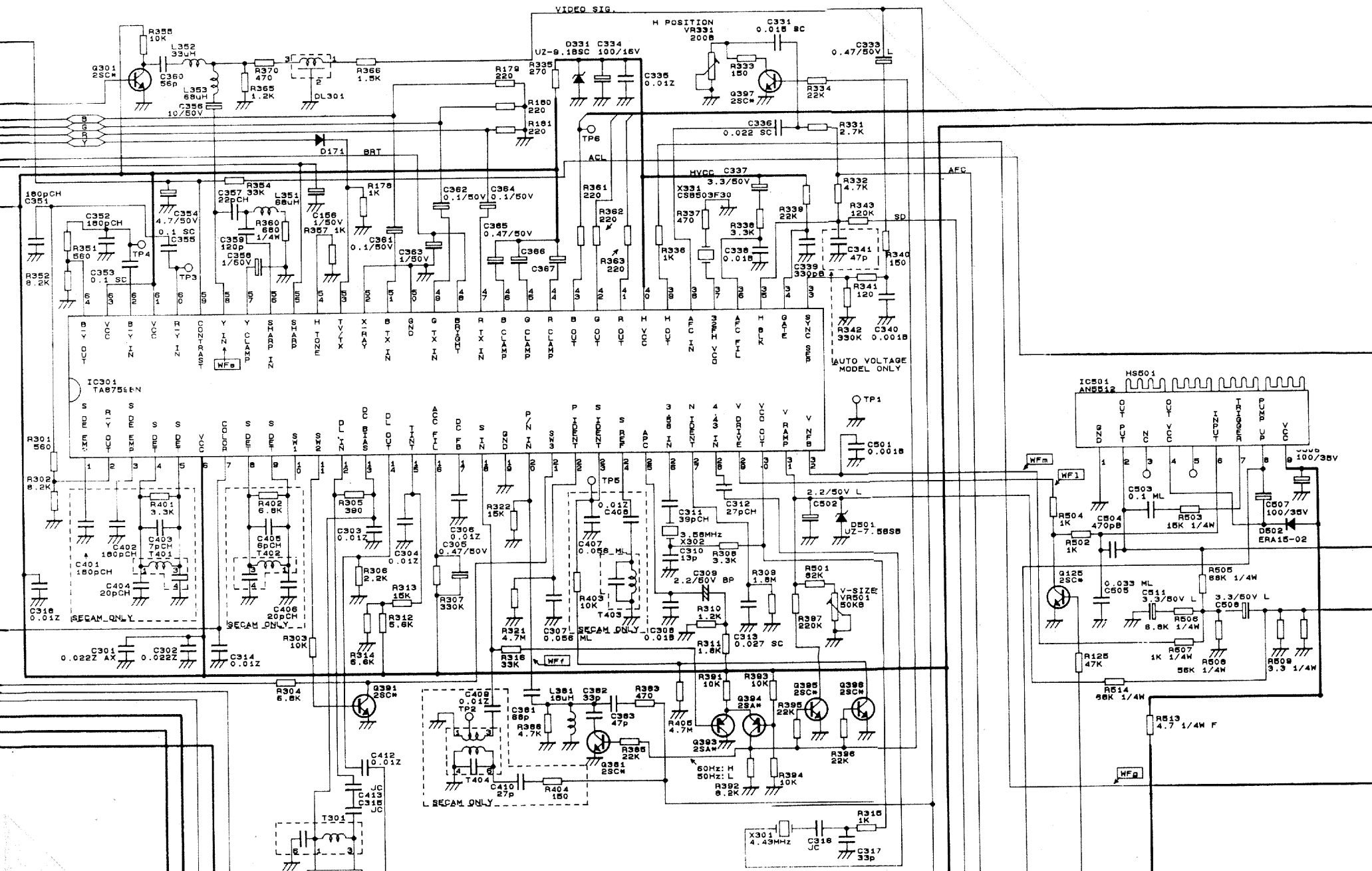
Power Supply Schematic Diagram

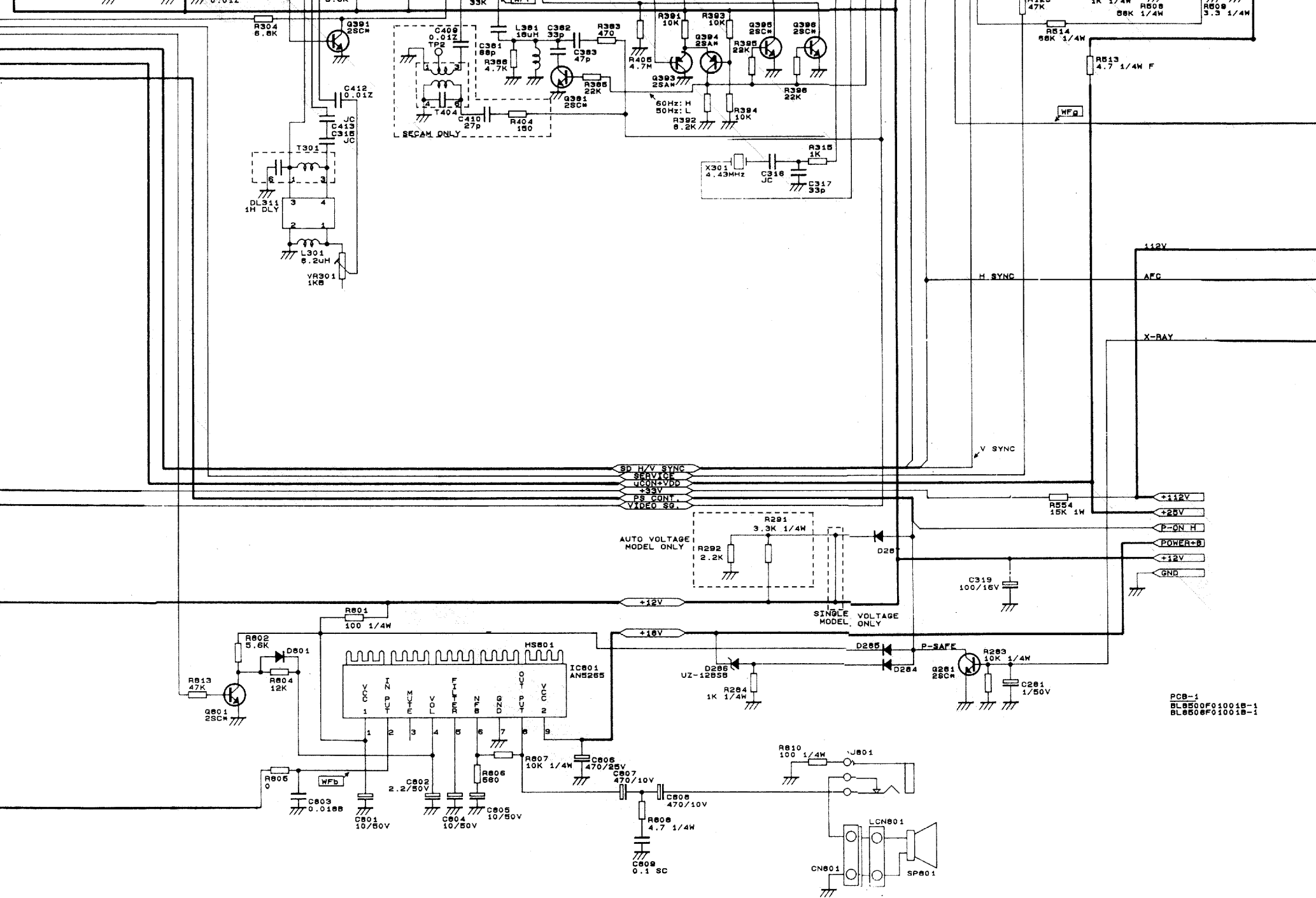
7. NO INDICATED DIODES ARE USED 1N4148M.
8. NO INDICATED 2SC* ARE USED KTC3199.
9. NO INDICATED 2SA* ARE USED KTA1267.



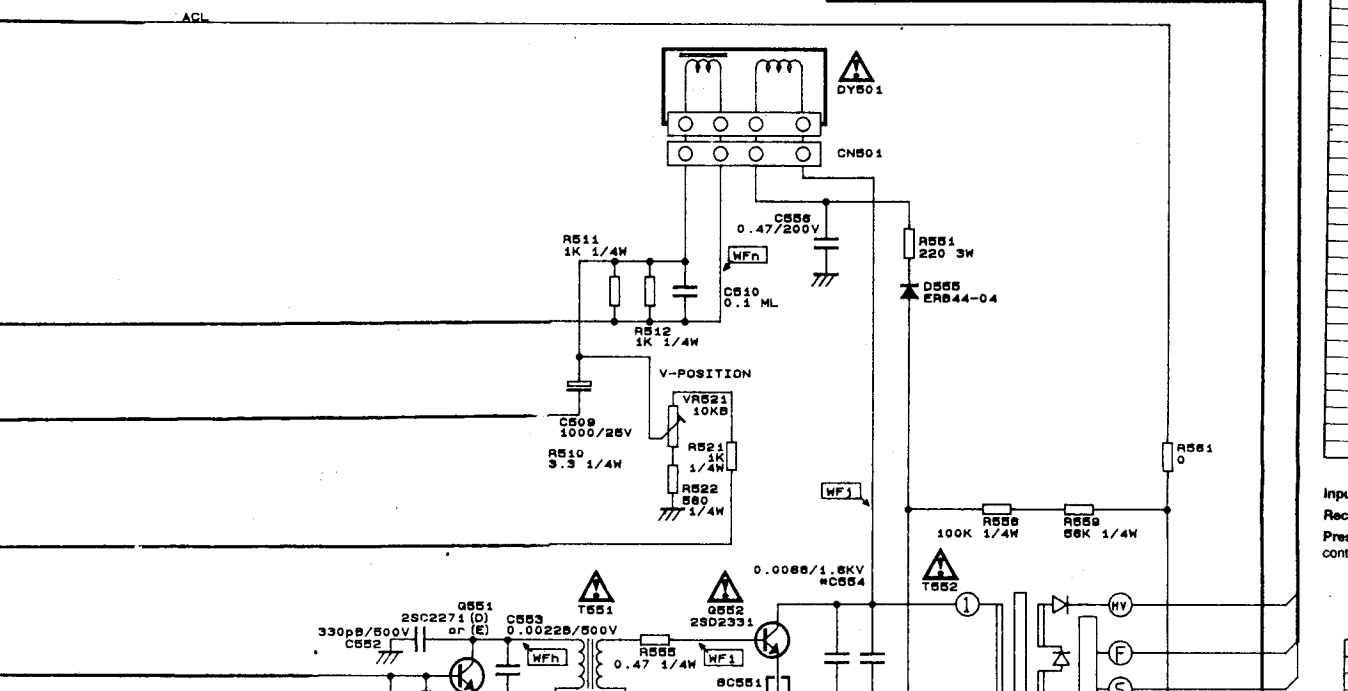
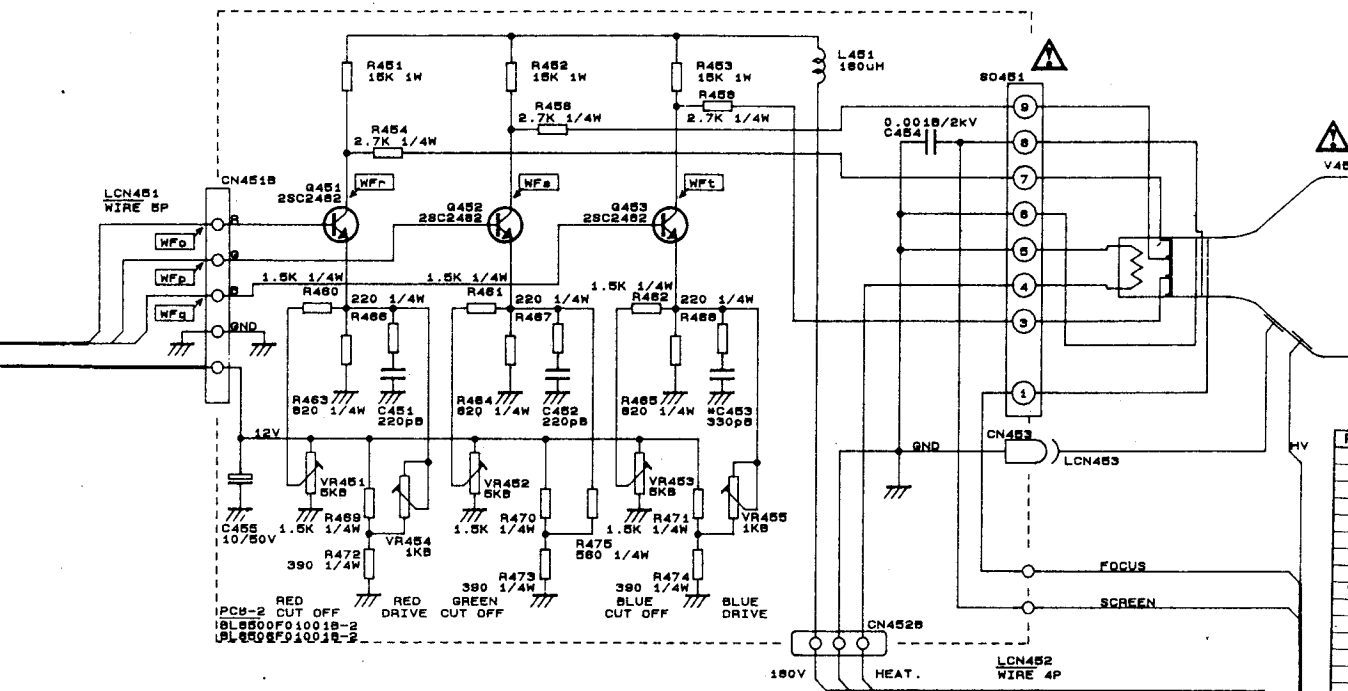








PCB-1
 BL8500F01001B-1
 BL8506F01001B-1



VOLTAGE CHART

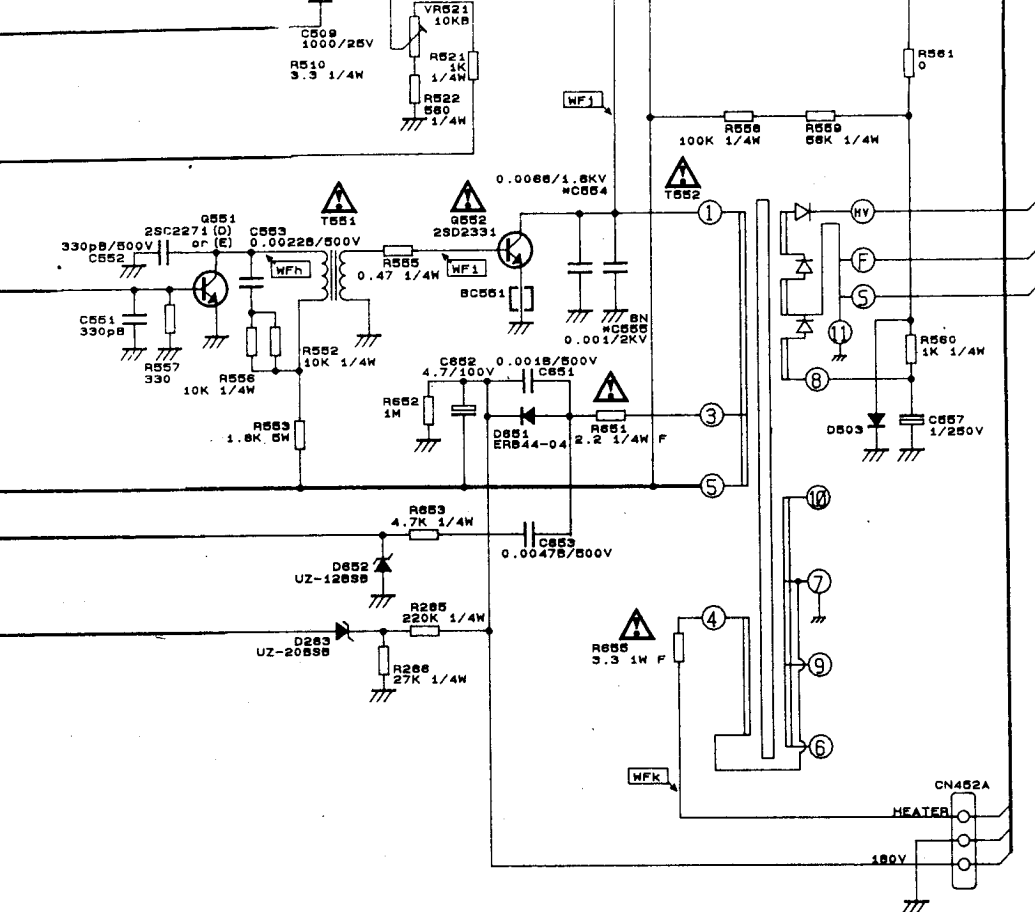
(U: it Volt)

Pin No.	IC101	IC102	IC201	IC501	IC601	IC701	IC801
1	2.6	0.0	2.2	0.0	49.3	0.3	11.0
2	3.2	0.0	0.2	14.4	48.4	6.0	4.9
3	2.8	0.0	5.0	0.0	-2.3	0.0	0.0
4	1.7	0.0	2.7	26.6	-	0.9	4.2
5	2.2	4.9	1.5	15.1	-	0.9	8.5
6	0.0	4.0	1.5	0.7	-	0.0	8.6
7	0.0	0.0	0.0	0.6	-	0.0	0.0
8	0.0	4.9	2.0	1.1	-	0.0	8.7
9	2.7	-	3.2	26.2	-	12.0	18.0
10	1.6	-	2.0	-	-	0.0	-
11	1.6	-	3.3	-	-	12.0	-
12	1.6	-	2.8	-	-	2.3	-
13	0.0	-	5.3	-	-	2.3	-
14	0.0	-	4.4	-	-	2.4	-
15	0.0	-	4.4	-	-	6.0	-
16	4.3	-	5.2	-	-	12.0	-
17	0.0	-	2.6	-	-	-	-
18	5.0	-	12.0	-	-	-	-
19	5.9	-	2.6	-	-	-	-
20	0.0	-	2.4	-	-	-	-
21	0.0	-	-	-	-	-	-
22	0.0	-	-	-	-	-	-
23	0.0	-	-	-	-	-	-
24	0.0	-	-	-	-	-	-
25	0.0	-	-	-	-	-	-
26	3.7	-	-	-	-	-	-
27	4.7	-	-	-	-	-	-
28	2.7	-	-	-	-	-	-
29	2.8	-	-	-	-	-	-
30	0.0	-	-	-	-	-	-
31	2.0	-	-	-	-	-	-
32	2.2	-	-	-	-	-	-
33	4.9	-	-	-	-	-	-
34	0.0	-	-	-	-	-	-
35	4.5	-	-	-	-	-	-
36	4.4	-	-	-	-	-	-
37	0.0	-	-	-	-	-	-
38	0.0	-	-	-	-	-	-
39	4.9	-	-	-	-	-	-
40	4.9	-	-	-	-	-	-
41	4.0	-	-	-	-	-	-
42	4.9	-	-	-	-	-	-

Pin No.	IC301	Pin No.	IC301
1	8.5	33	6.8
2	7.9	34	3.1
3	8.5	35	6.8
4	6.5	36	7.8
5	6.5	37	6.1
6	11.9	38	7.1
7	3.0	39	2.1
8	6.5	40	8.6
9	6.5	41	9.1
10	0.0	42	3.4
11	0.0	43	3.4
12	5.2	44	3.4
13	5.2	45	5.0
14	7.7	46	5.0
15	6.0	47	7.0
16	10.5	48	3.2
17	3.4	49	6.8
18	4.4	50	0.0
19	0.0	51	7.1
20	5.9	52	0.0
21	0.0	53	0.0
22	11.3	54	0.0
23	5.2	55	6.0
24	5.8	56	3.1
25	4.8	57	5.9
26	3.2	58	4.8
27	11.0	59	3.2
28	3.9	60	6.0
29	0.7	61	12.0
30	8.6	62	6.0
31	6.6	63	12.3
32	6.5	64	4.0

Input: PAL Color Bar Signal (with 1KHz Audio Signal)
 Receiving Ch.: E2 ch (48.25MHz)
 Preset Mode: Press Picture Select button on the remote control unit, then press the number "1" button.
 Brightness— Center
 Color— Center
 Contrast— Approx 70%

Pin No.	E	C	B
Q1	0.0	1.3	0.6
Q2	11.9	0.0	11.6



39	4.9		
40	4.9		
41	4.0		
42	4.9		

20	5.9	52	0.0
21	0.0	53	0.0
22	11.3	54	0.0
23	5.2	55	6.0
24	5.8	56	3.1
25	4.8	57	5.9
26	3.2	58	4.8
27	11.0	59	3.2
28	3.9	60	6.0
29	0.7	61	12.0
30	8.6	62	6.0
31	6.6	63	12.3
32	6.5	64	4.0

Input: PAL Color Bar Signal (with 1KHz Audio Signal)
 Receiving Ch.: E2 ch (48.25MHz)
 Preset Mode: Press Picture Select button on the remote control unit, then press the number "1" button.
 Brightness— Center
 Color— Center
 Contrast— Approx 70%

Pin No.	E	C	B
Q1	0.0	1.3	0.6
Q2	11.9	0.0	11.6
Q3	11.9	0.0	11.9
Q4	11.9	11.8	11.9
Q101	4.9	8.8	5.6
Q102	5.6	5.6	4.9
Q103	0.0	3.6	0.0
Q104	25.2	8.9	27.7
Q105	0.0	26.2	0.0
Q121	0.0	4.7	0.0
Q122	0.0	3.9	0.0
Q123	0.0	4.6	0.0
Q125	0.0	0.0	0.0
Q201	0.8	9.4	1.5
Q281	0.0	4.3	0.0
Q301	0.0	12.0	0.1
Q381	0.0	0.5	0.0
Q391	0.0	0.1	0.7
Q392	0.0	6.0	0.0
Q393	5.1	0.0	4.5
Q394	5.1	0.0	6.0
Q395	0.0	6.5	0.0
Q396	0.0	5.3	0.0
Q397	0.0	0.0	0.0
Q451	3.0	117	3.5
Q452	3.0	116	3.4
Q453	3.0	114	3.4
Q551	0.0	27.3	0.5
Q552	-	-	-
Q601	-	-	-
Q603	-	-	-
Q604	-	-	-
Q605	-	-	-
Q621	6.8	48.4	0.0
Q622	2.5	112	0.0
Q623	0.0	0.4	0.6
Q625	12.0	13.1	12.6
Q702	2.4	11.9	2.8
Q703	-	-	-
Q704	0.0	0.0	0.6
Q705	0.0	12.0	0.0
Q801	0.0	1.2	0.6

CRT *C555 *C453
 CHUNGHWA SAMSUNG SAMSUNG
 SAMSUNG GOLD STAR GOLD STAR

NOTES:

- CHASSIS SCHEMATIC DIAGRAM NOTES.
 1. ALL RESISTOR VALUES ARE IN OHMS, K=1000, M=1000K.
 2. ALL CAPACITANCE VALUES ARE IN UF UNLESS OTHERWISE NOTED. pF=100P.
 3. SAFETY REQUIREMENTS COMPONENT IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.
 4. IS HOT GROUND.
 5. IS COLD GROUND.
 6. WAVEFORM READINGS
 7. NO INDICATED DIODES ARE USED 1N4148M
 8. NO INDICATED 2SC* ARE USED KTC3199
 9. NO INDICATED 2SA* ARE USED KTA1267