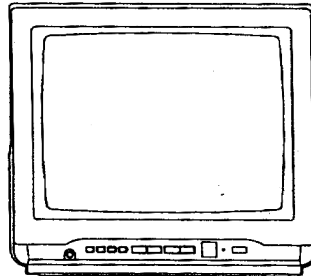
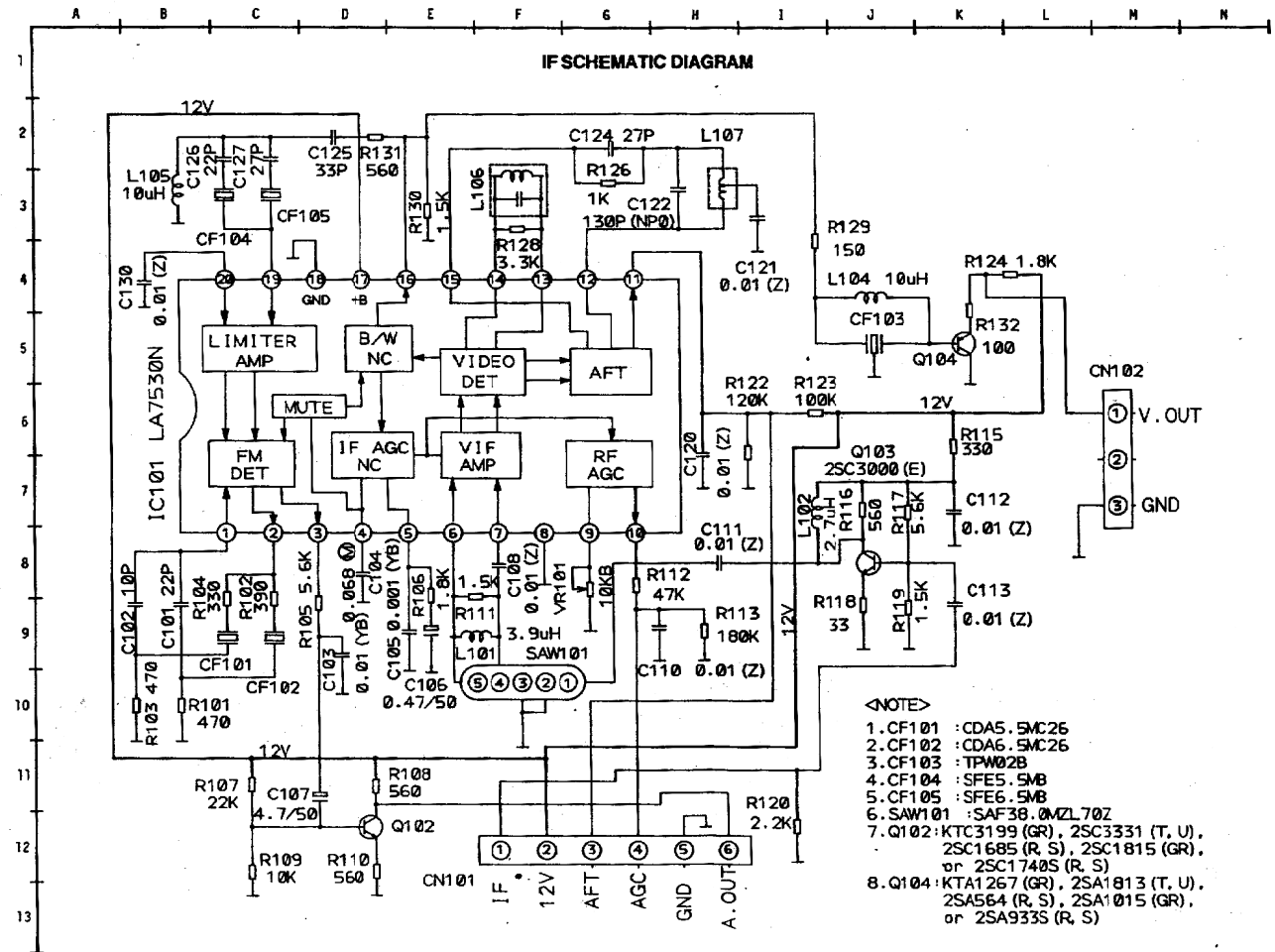
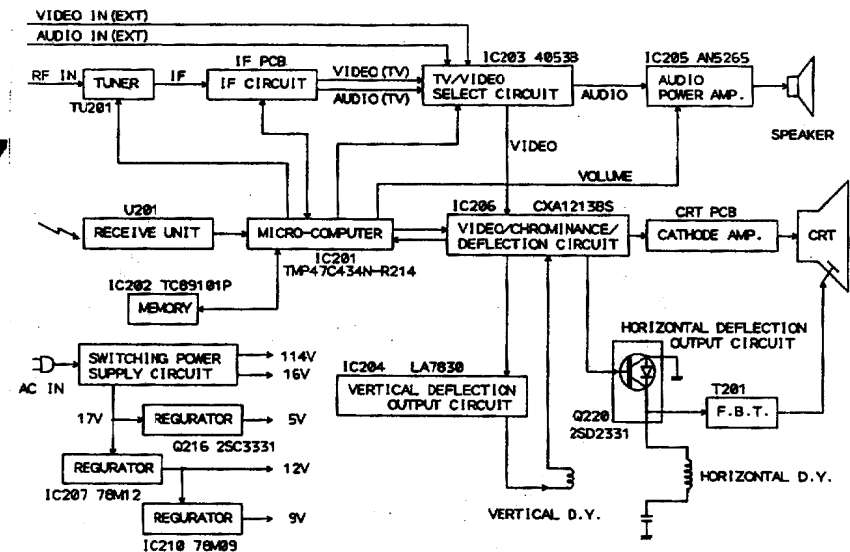


14" COLOR TELEVISION TV-1400A MK7



Pin No.	IC101	IC201	IC205
1	5.7	4.6	2.8
2	4.7	3.5	4.3
3	5.4	2.6	5.8
4	3.9	2.0	4.6
5	3.9	*5.0-0.1	5.8
6	4.3	0	5.8
7	4.3	5.0	6.6
8	0	0	4.4
9	1.4	2.4	NC
10	4.8	2.5	4.4
11	6.0	2.5	0
12	3.8	5.0	0
13	8.4	5.0	0
14	8.4	5.0	0
15	3.8	5.0	3.1
16	4.4	5.0	5.0
17	11.7	0	2.9
18	0	NC	0.9
19	3.0	5.0	8.9
20	3.0	3.5	0.2
21		0	4.8
22		NC	0
23		0	0
24		0	2.2
25		0	9.0
26		4.1	3.6
27		5.0	0.5
28		3.0	0
29		3.0	4.2
30		0	5.2
31			3.0
32			0.6
33		4.9	0.4
34		0	6.1
35		5.0	6.1
36		4.5	5.8
37		0	2.5
38		5.0	2.6
39		0	2.5
40		0	3.9
41		0	4.8
42		5.0	6.8
43			2.6
44			3.3
45			3.6
46			6.3
47			8.9
48			0

Pin No.	IC202	IC203	IC204	IC205
1	5.0	6.0	0	11.0
2	2.5	5.9	13.0	4.9
3	2.5	6.9	27.4	NC
4	5.0	6.9	0.8	*0.7-11.3
5	0	7.0	0.7	7.2
6	5.0	0	27.0	7.4
7	5.0	0	1.7	0
8	5.0	0		7.5
9		11.7		15.5
10		11.7		
11		11.7		
12		4.6		
13		5.0		
14		5.0		



- <NOTE>**
1. CF101 : CDA5.5MC26
 2. CF102 : CDA6.5MC26
 3. CF103 : TPW028
 4. CF104 : SFE5.5MB
 5. CF105 : SFE6.5MB
 6. SAW101 : SAF38.0MZL70Z
 7. Q102 : KTC3199 (GR), 2SC3331 (T, U), 2SC1685 (R, S), 2SC1815 (GR), or 2SC1748S (R, S)
 8. Q104 : KTA1267 (GR), 2SA1813 (T, U), 2SA564 (R, S), 2SA1015 (GR), or 2SA933S (R, S)

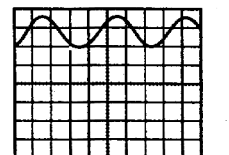
WAVEFORMS

Pin No.	IC207	IC208	IC209	IC210
1	16.3	32.0	2.5	11.8
2	0	0	2.5	0
3	11.8		4.9	8.9
4			4.9	
5			1.7	
6			1.7	
7			2.5	
8			2.6	
9			3.3	
10			2.7	
11			2.7	
12			1.7	
13			0.2	
14			0	
15			2.2	
16			3.8	
17			2.3	
18			1.7	
19			4.9	
20			4.9	
21			2.5	
22			2.5	
23			0	
24			2.5	

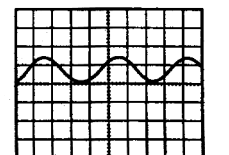
* Vol. Min-Max

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

WF1 - WF20 = Waveforms to be observed at
 Waveform check points.
 (Shown in Schematic Diagram.)



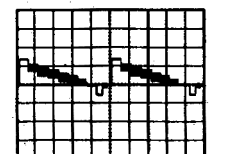
WF1 1DIV: 1V 0.2msec



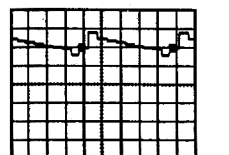
WF2 1DIV: 1V 0.2msec



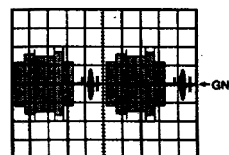
WF3 1DIV: 1V 10µsec



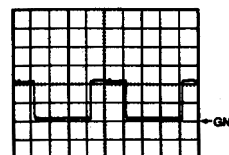
WF4 1DIV: 1V 10µsec



WF5 1DIV: 1V 10µsec



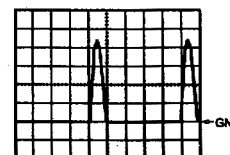
WF6 1DIV: 50mV 10µsec



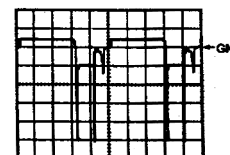
WF7 1DIV: 0.5V 10µsec



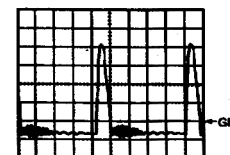
WF8 1DIV: 20V 10µsec



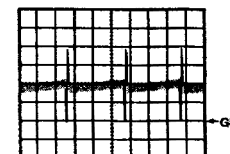
WF10 1DIV: 250V 10µsec



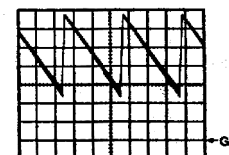
WF9 1DIV: 2V 10µsec



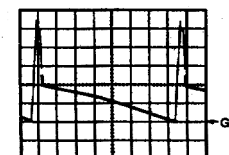
WF11 1DIV: 5V 10µsec



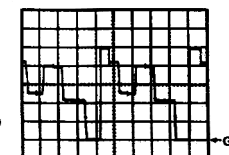
WF12 1DIV: 0.5V 5msec



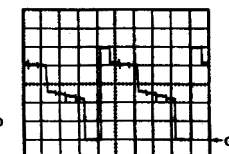
WF13 1DIV: 0.5V 5msec



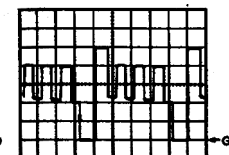
WF14 1DIV: 10V 2msec



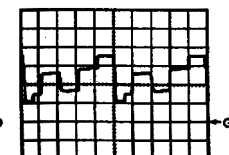
WF15 1DIV: 1V 10µsec



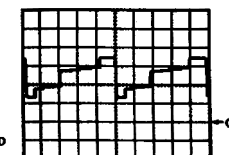
WF16 1DIV: 1V 10µsec



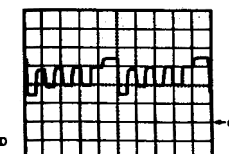
WF17 1DIV: 1V 10µsec



WF18 1DIV: 50V 10µsec



WF19 1DIV: 50V 10µsec

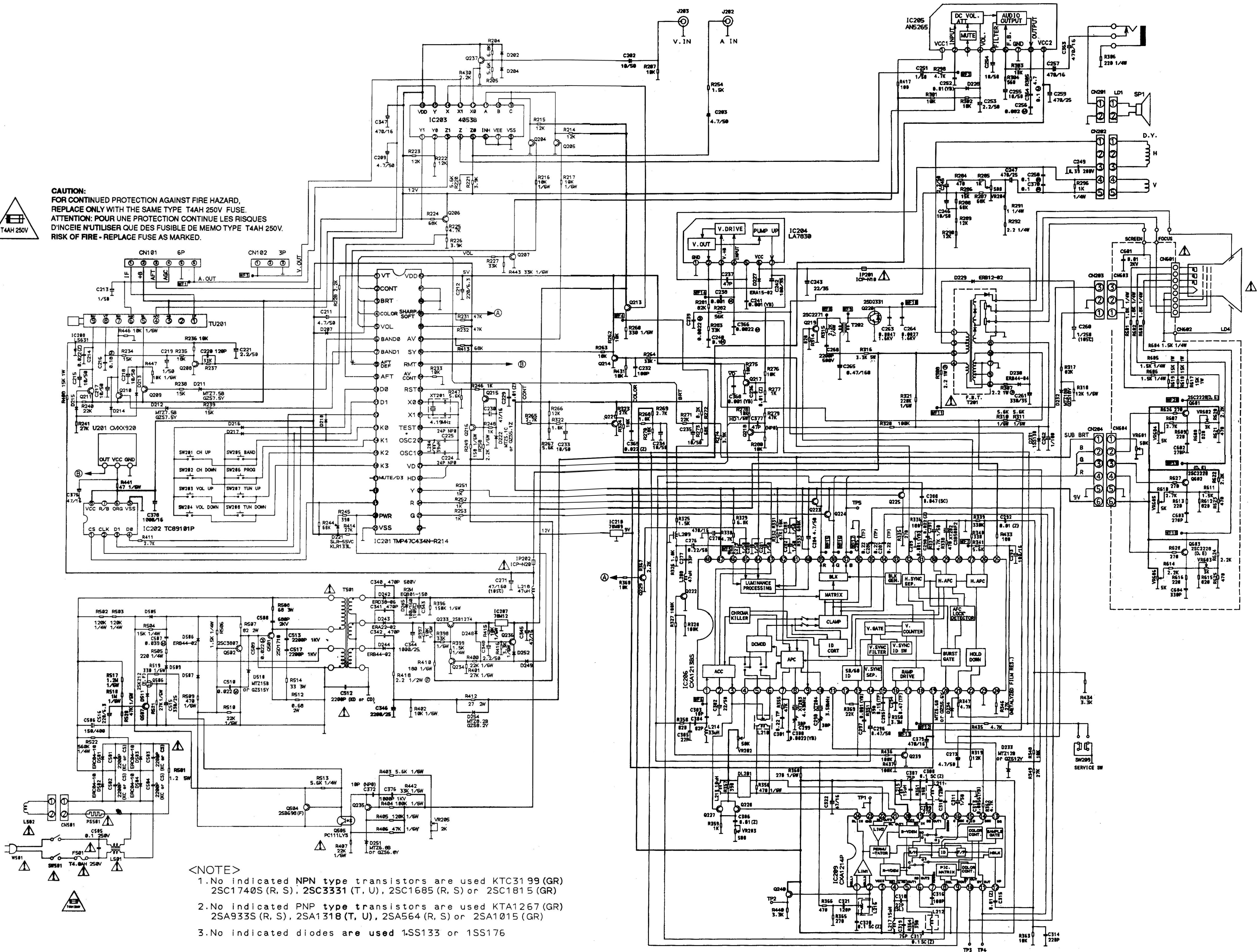


WF20 1DIV: 50V 10µsec

INPUT: PAL Color Bar Signal (with 1KHz Audio Signal)
 RECEIVING CH.: E2 ch (48.25 MHz)
 PRESET MODE: Press Picture Select button on the remote control unit,
 then press the number "1" button.
 (Brightness--- Center Color--- Center Contrast--- Approx 70%)



CAUTION:
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE T4AH 250V FUSE.
ATTENTION: POUR UNE PROTECTION CONTINUE LES RISQUES
D'INCENDIE N'UTILISER QUE DES FUSIBLES DE MEMO TYPE T4AH 250V.
RISK OF FIRE - REPLACE FUSE AS MARKED.



<NOTE>

- 1.No indicated NPN type transistors are used KTC3199 (GR) 2SC1740S (R, S), 2SC3331 (T, U), 2SC1685 (R, S) or 2SC1815 (GR)
- 2.No indicated PNP type transistors are used KTA1267 (GR) 2SA933S (R, S), 2SA1318 (T, U), 2SA564 (R, S) or 2SA1015 (GR)
- 3.No indicated diodes are used 1SS133 or 1SS176