



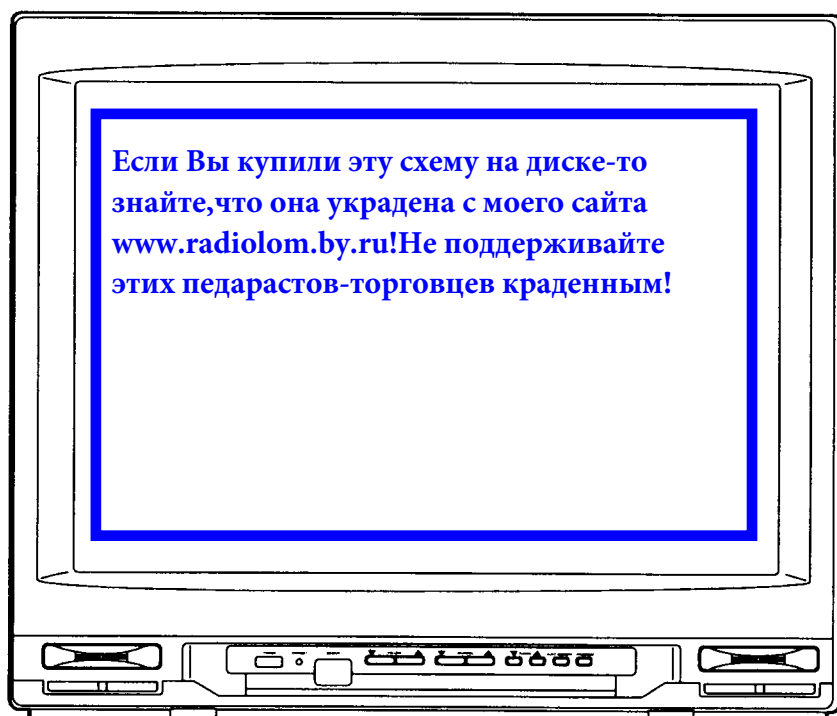
# SERVICE MANUAL

**20" COLOR TELEVISION  
with TELETEXT**

**TV-2000T MK8**

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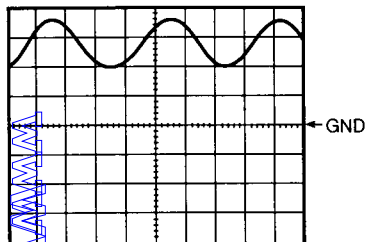
DataShee



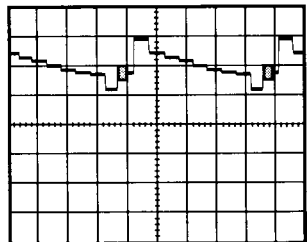
# WAVEFORMS

WFa ~ W Ft = Waveforms to be observed at Waveform check points. (Shown in Schematic Diagram.)

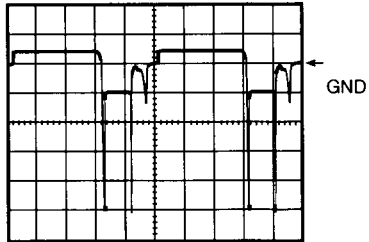
**Input:** PAL Color Bar Signal (with 1KHz Audio Signal)  
**Receiving Ch.:** E2 ch (48.25MHz)  
**Preset Mode:** Press Picture Select button on the remote control unit, then press the number "1" button. (Brightness—Center Color—Center Contrast—Approx 70%)



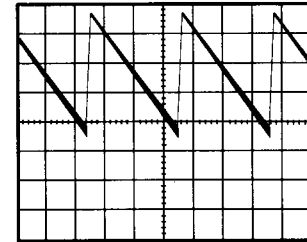
**WFa** 1DIV: 1V 0.2msec



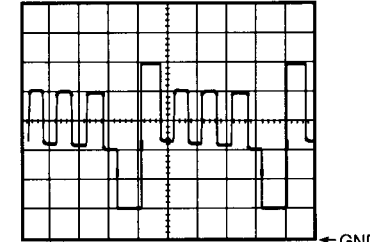
**WFe** 1DIV: 0.5V 10µsec



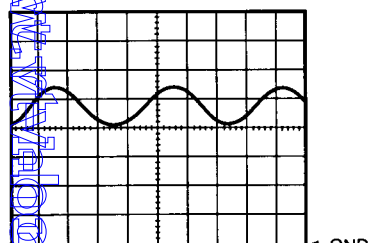
**WFi** 1DIV: 2V 10µsec



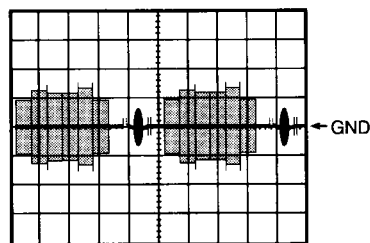
**WFn** 1DIV: 0.5V 5msec



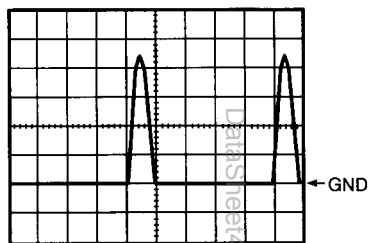
**WFq** 1DIV: 1V 10µsec



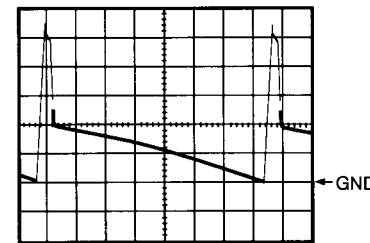
**WFb** 1DIV: 1V 0.2msec



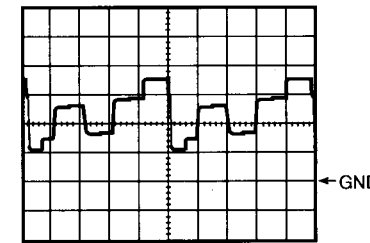
**WFf** 1DIV: 0.2V 10µsec



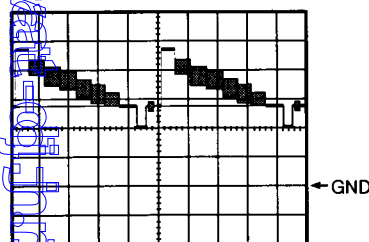
**WFj** 1DIV: 250V 10µsec



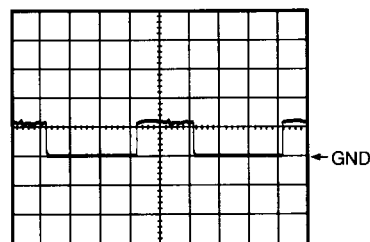
**WFn** 1DIV: 10V 2msec



**WFr** 1DIV: 50V 10µsec



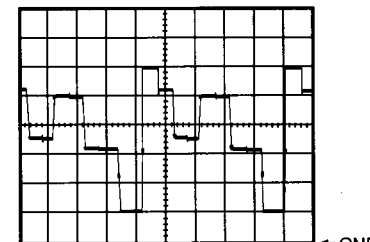
**WFc** 1DIV: 1V 10µsec



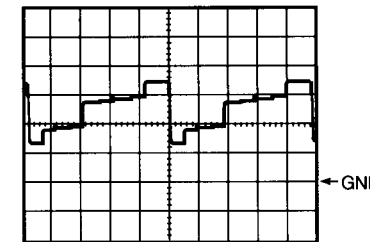
**WFg** 1DIV: 0.5V 10µsec



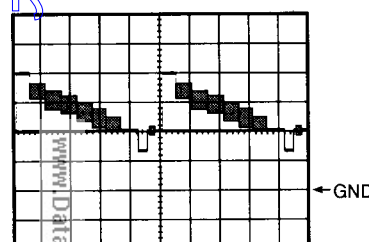
**WFk** 1DIV: 5V 10µsec



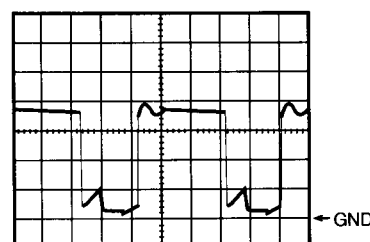
**WFo** 1DIV: 1V 10µsec



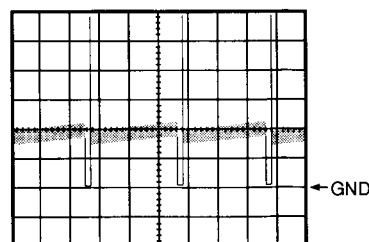
**WFs** 1DIV: 50V 10µsec



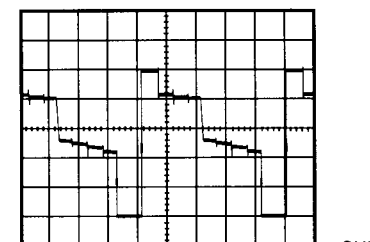
**WFi** 1DIV: 1V 10µsec



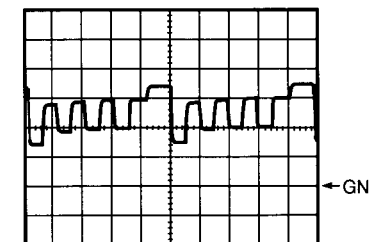
**WFh** 1DIV: 50V 10µsec



**WFi** 1DIV: 0.5V 5msec



**WFp** 1DIV: 1V 10µsec

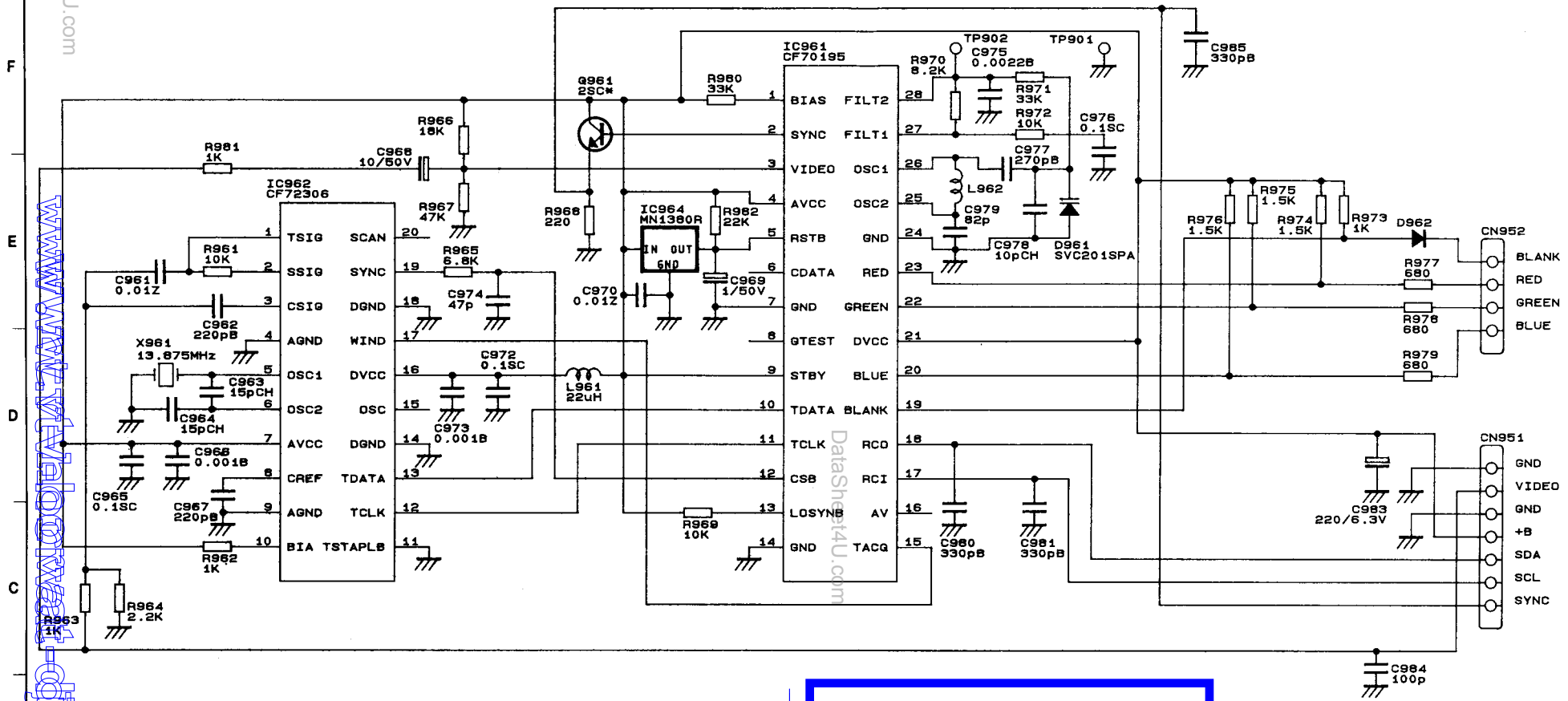


**W Ft** 1DIV: 50V 10µsec

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# Teletext Schematic Diagram

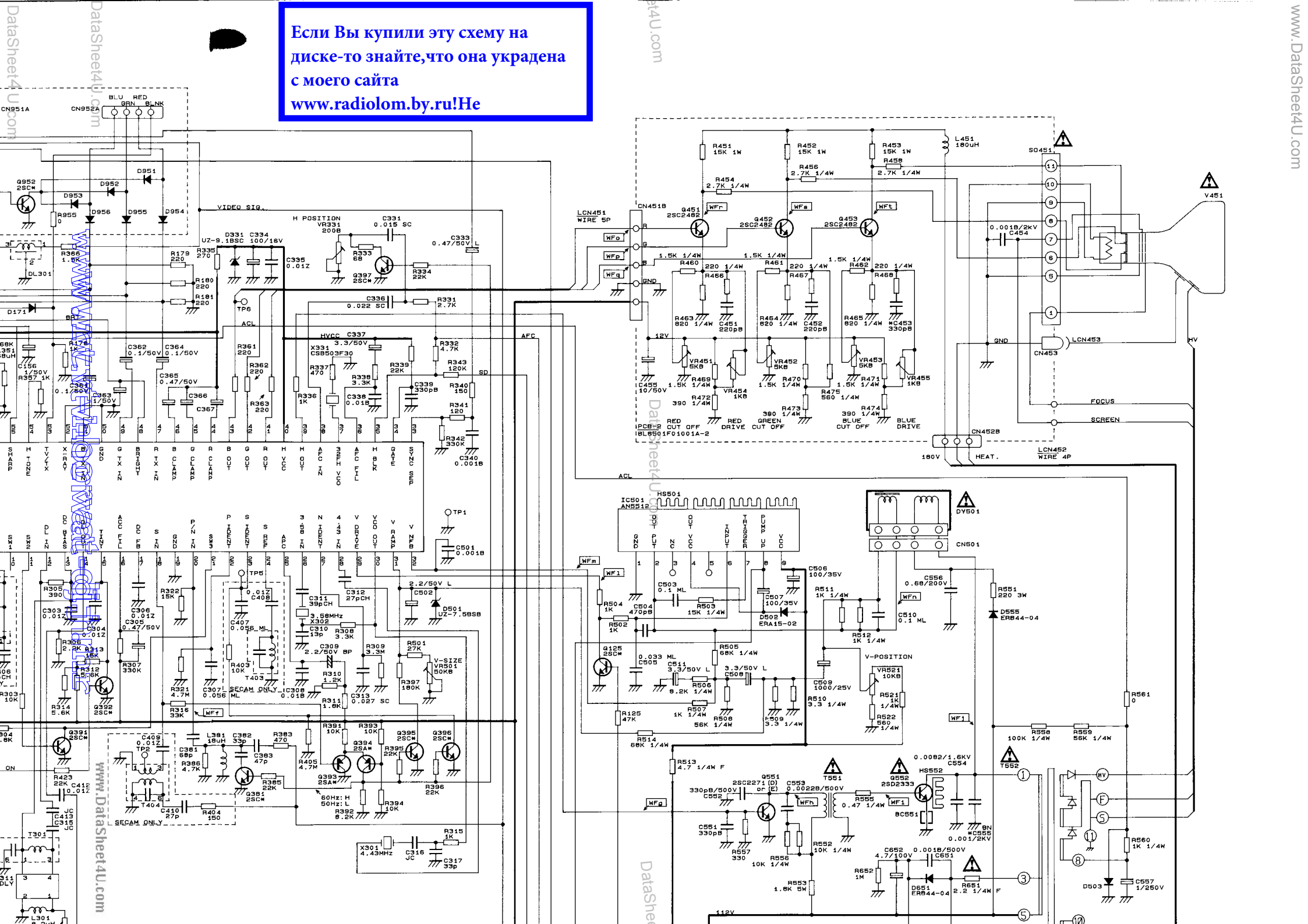


## NOTES:

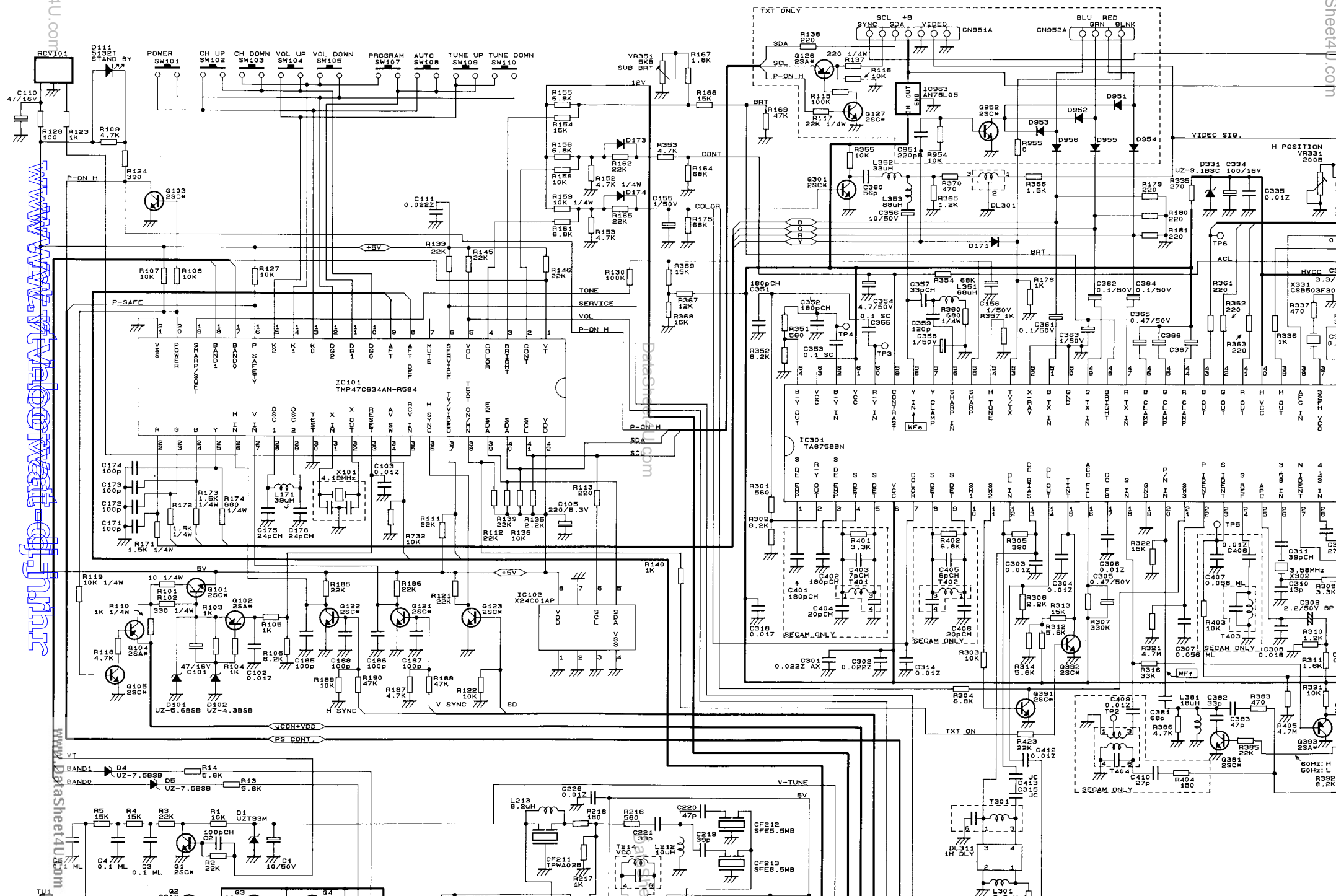
- CHASSIS SCHEMATIC DIAGRAM NOTES.
1. ALL RESISTOR VALUES ARE IN OHMS. K=1000, M=1000K.
  2. ALL CAPACITANCE VALUES ARE IN UF UNLESS OTHERWISE NOTED. pF=uuF.
  3. SAFETY REQUIREMENTS COMPONENT IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.
  4. IS COLD GROUND.
  5. IS HOT 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.

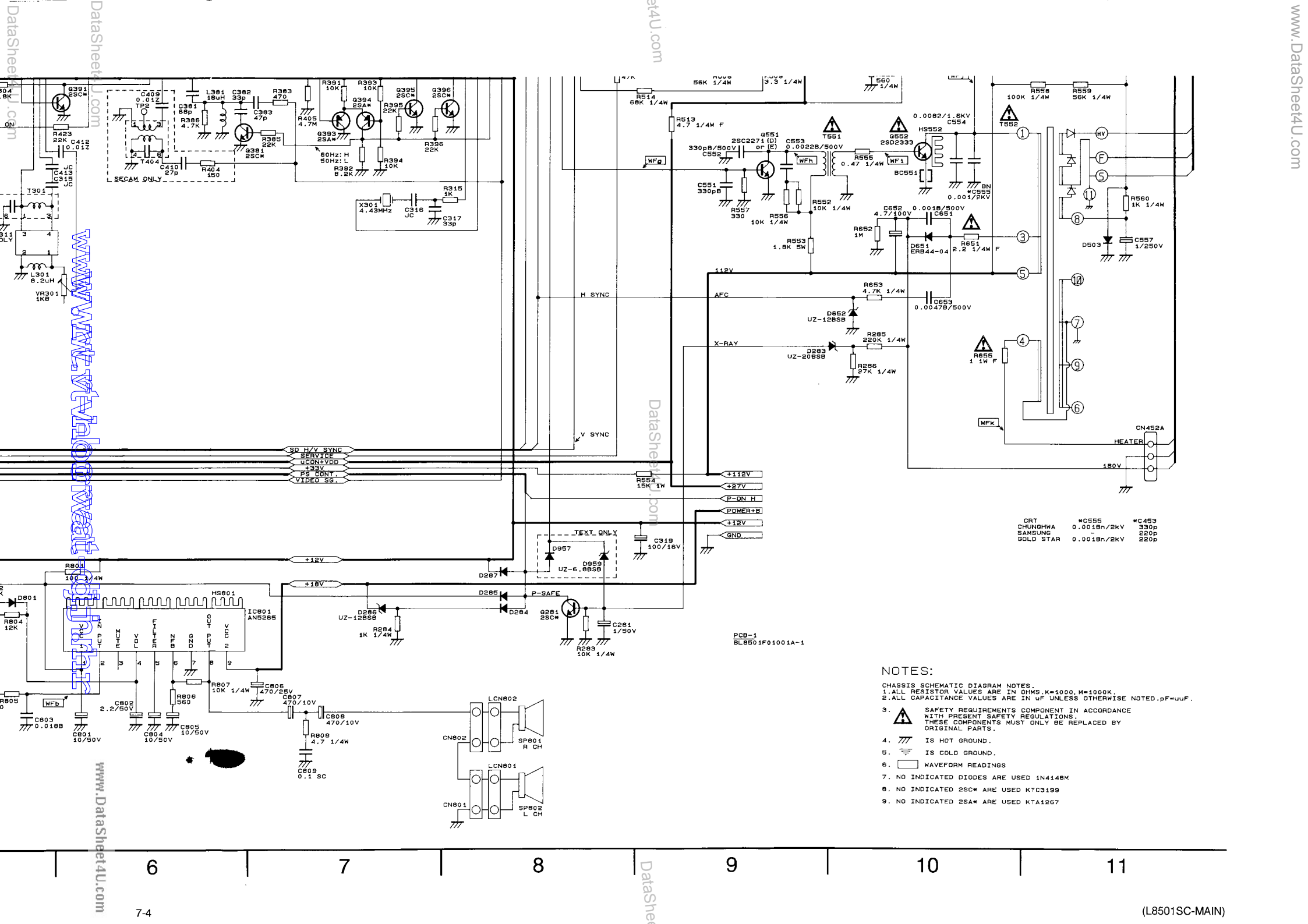
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[www.radiolom.by.ru](http://www.radiolom.by.ru)! Не



# Main / CRT Schematic Diagram





CRT	*C555	*C453
CHUNGHA	0.0018r/2kV	330p
SAMSUNG		220p
GOLD STAR	0.0018r/2kV	220p

- 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=uuF.
  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 IN4148M
  8. NO INDICATED 2SCM ARE USED KTC3199
  9. NO INDICATED 2SA\* ARE USED KTA1267



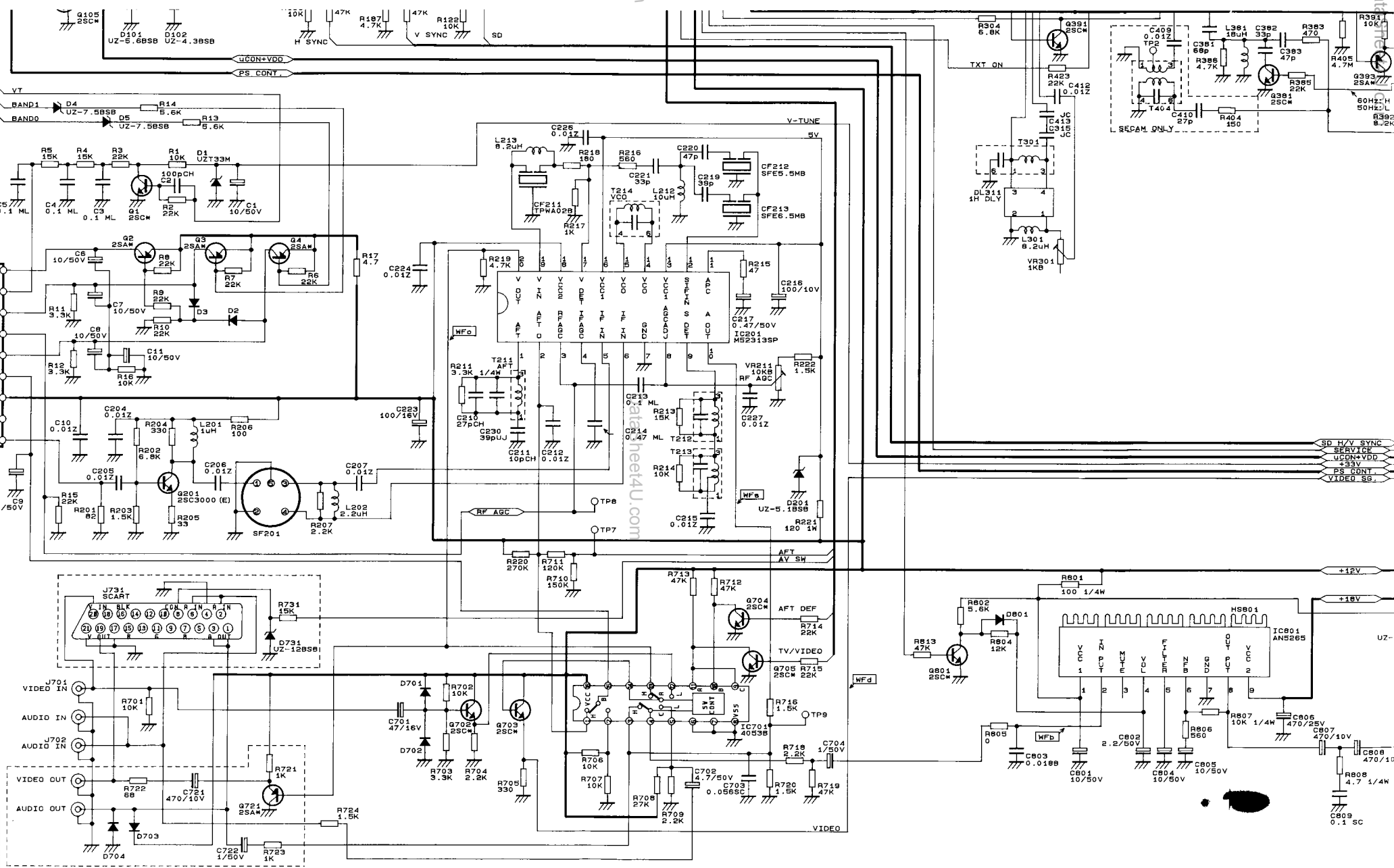
D

C

B

A

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1

2

3

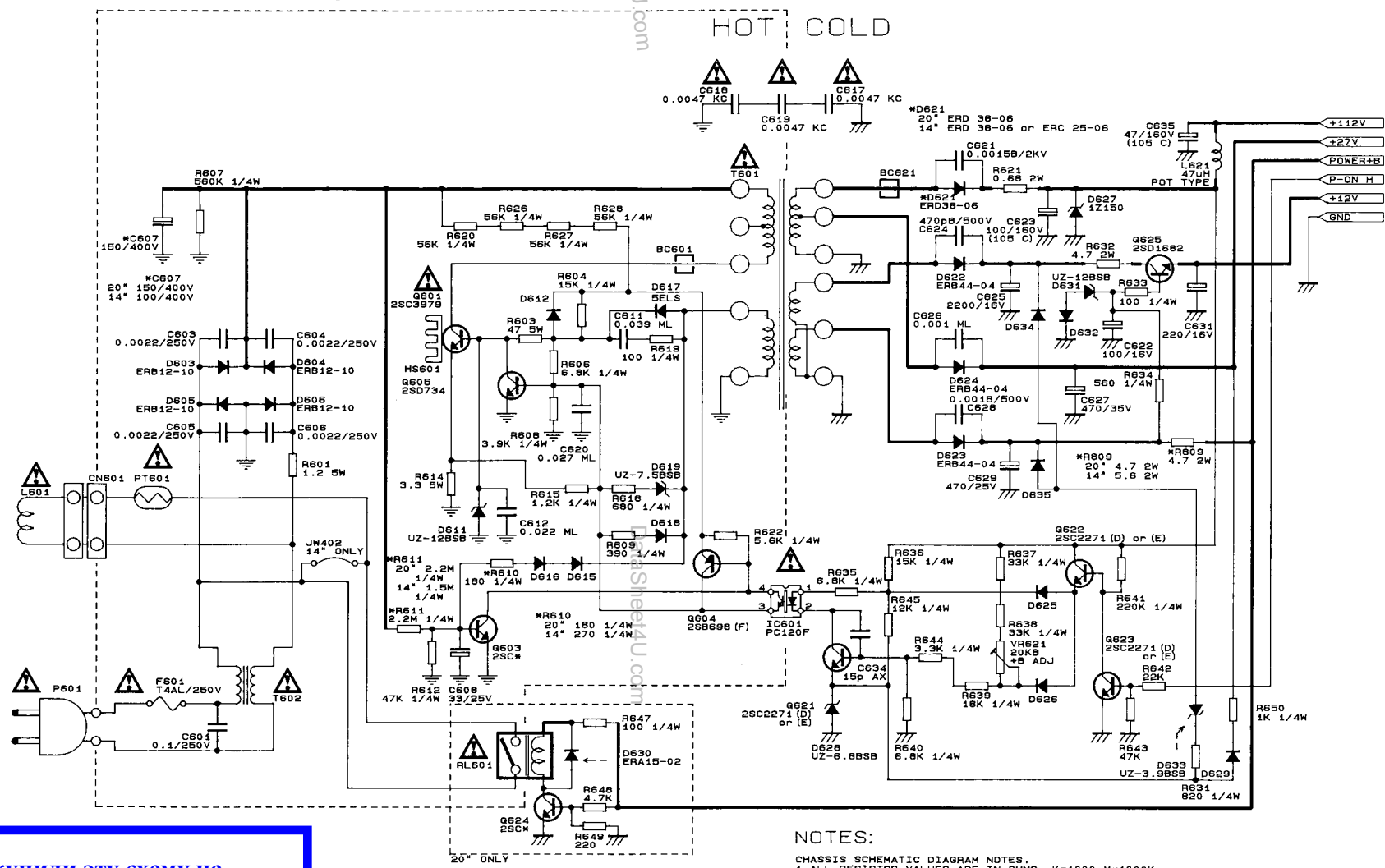
4

5

6

7

# Power Supply Schematic Diagram



## 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=µUF.
  3. SAFETY REQUIREMENTS COMPONENT IN ACCORDANCE WITH PRESENT SAFETY REGULATIONS. THESE COMPONENTS MUST ONLY BE REPLACED BY ORIGINAL PARTS.
  4. IS COLD GROUND.
  5. IS HOT 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.

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