SCHEMATIC DIAGRAM

MODEL: 50HX70 Chassis No. TAC0067

55HX70 Chassis No. TAC0066 61HX70 Chassis No. TAC0065 55H70 Chassis No. TAC0069

61H70 Chassis No. TAC0068

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON THE MANUAL FOR THIS MODEL.

CAUTION: The international hazard symbols "\(\triangle \)" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on the MANUAL for this model. Do not degrade the safety of the receiver through improper servicing.

NOTE:

1. RESISTOR Resistance is shown in ohm [K = 1.000, M = 1.000.000]. All resistors are 1/6W and 5%

tolerance carbon resistor, unless otherwise noted as the following marks.

1/2R = Metal or Metal oxide of 1/2 watt

1/2S = Carbon compsistion of 1/2 watt

1RF = Fuse resistor of 1 watt 10W = Cement of 10 watt

 $K = \pm 10\%$ $G = \pm 2\%$ $F = \pm 1\%$

2. CAPACITOR Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in

 μ F, and the values more than 1 in pF.

All capacitors are ceramic 50V, unless otherwise noted as the following marks.

- 3. The parts indicated with " \triangle " have special characteristics, and should be replaced with identical parts only.
- 4. Voltages read with DIGITAL MULTI-METER from point indicated to chassing ground, using a color bar signal with all controls at normal, line voltage 120 volts.
- 5. Waveforms are taken receiving color bar signal with enough sensitivity.
- 6. Voltage reading shown are nominal values and may vary ±20% except H.V.

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SCHEMATIC DIAGRAM MODEL: 50HX70

1/2R = Metal or Metal oxide of 1/2 watt

 μ F, and the values more than 1 in pF.

NOTE:

Chassis No. TAC0069

1/2S = Carbon compsistion of 1/2 watt

Chassis No. TAC0067 55HX70 Chassis No. TAC0066 Chassis No. TAC0068 61HX70 Chassis No. TAC0065

4. Voltages read with DIGITAL MULTI-METER from point indicated to chassing ground, using a color bar signal with all

controls at normal, line voltage 120 volts. 5. Waveforms are taken receiving color bar signal with enough sensitivity.

6. Voltage reading shown are nominal values and may vary $\pm 20\%$ except H.V.

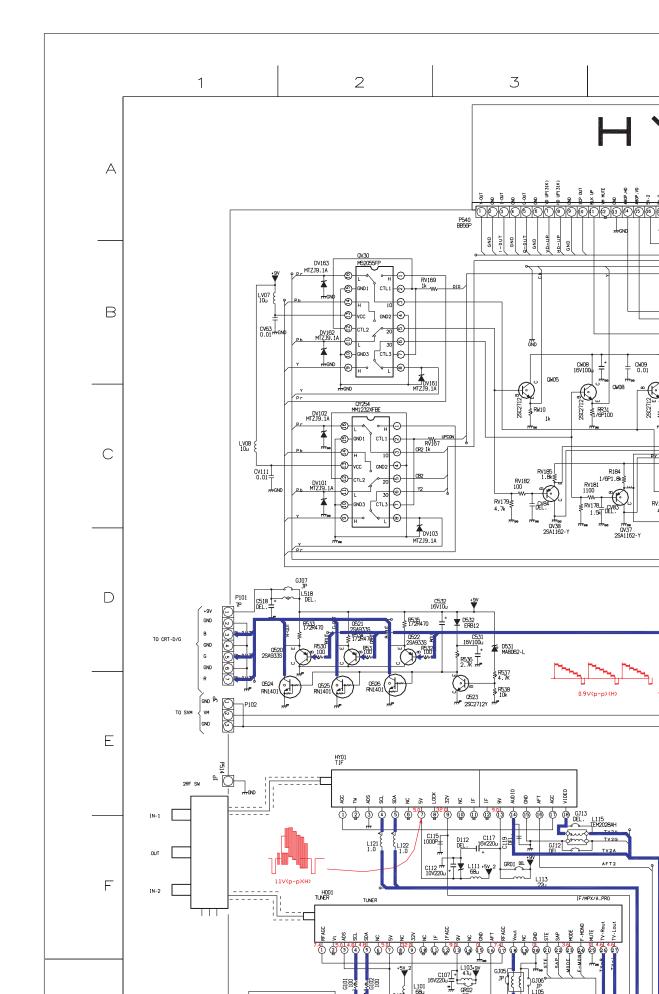
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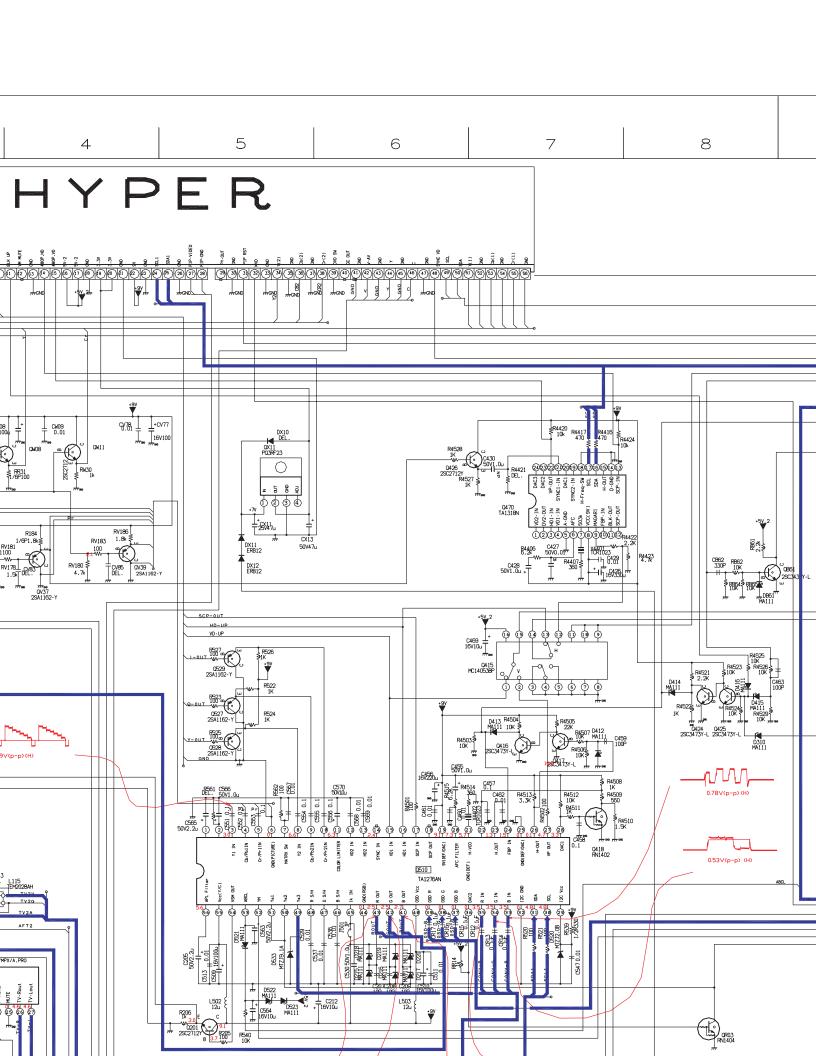
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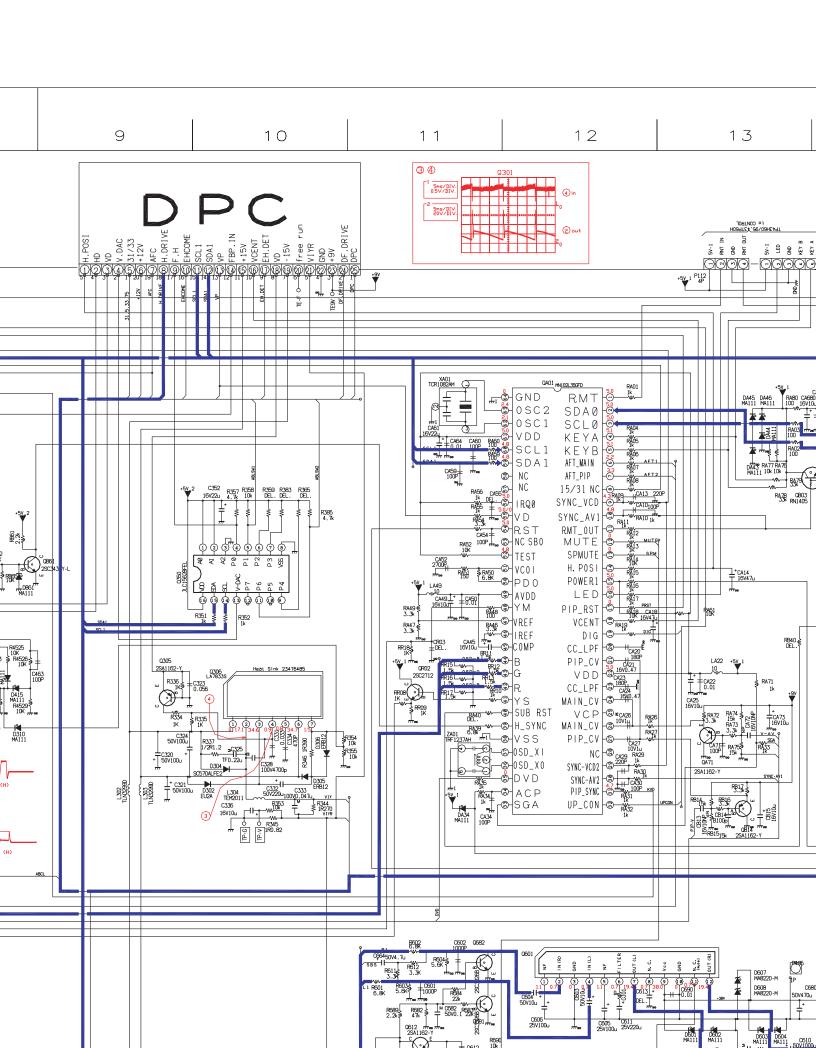
tolerance carbon resistor, unless otherwise noted as the following marks.

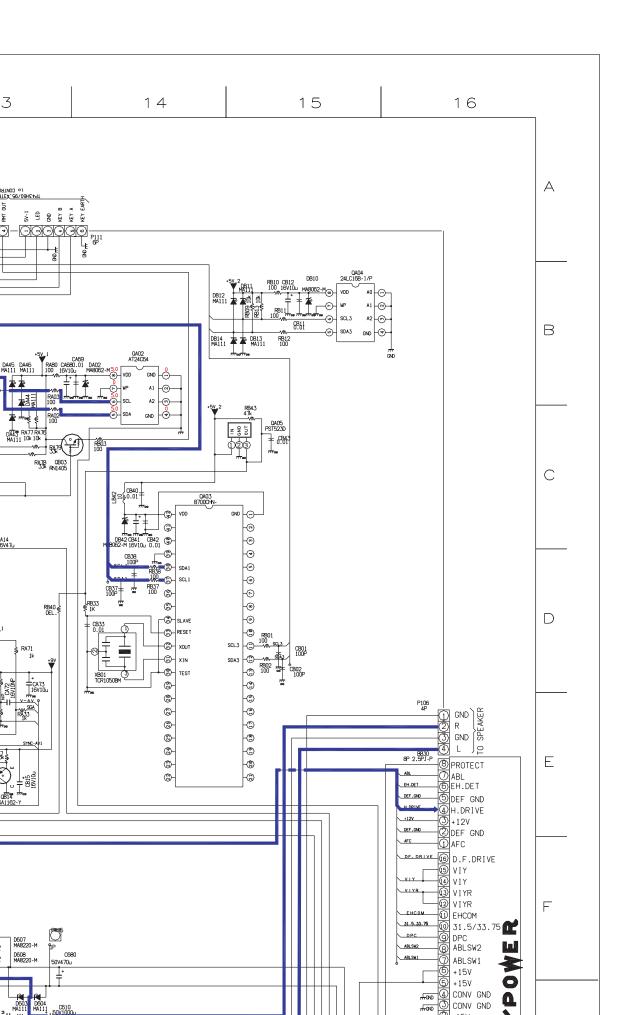
All capacitors are ceramic 50V, unless otherwise noted as the following marks. 3. The parts indicated with " \triangle " have special characteristics, and should be replaced with identical parts only.

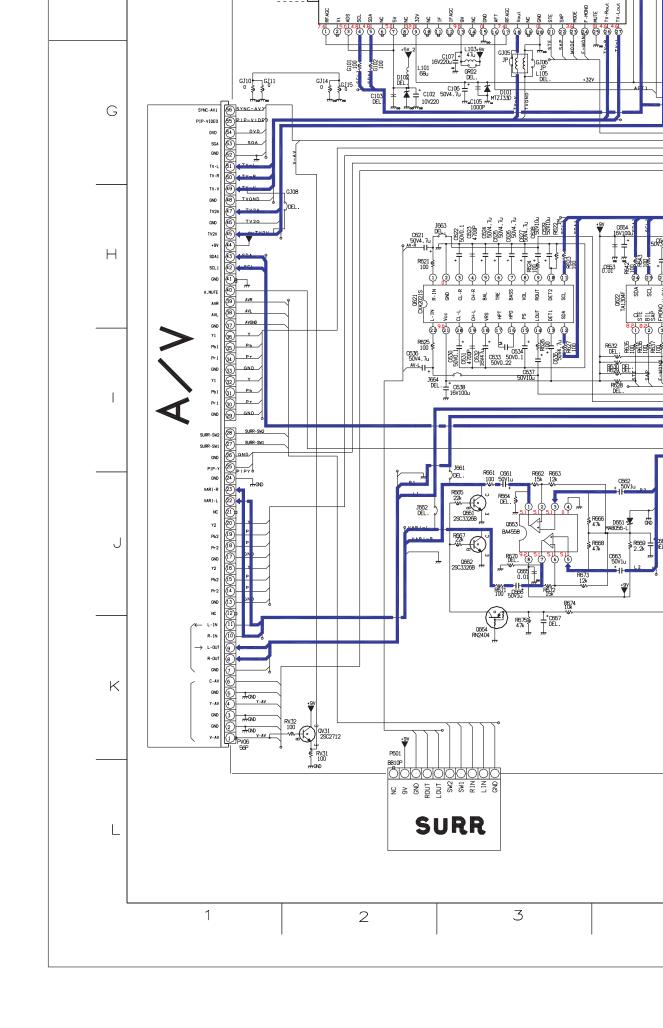
1 1 12 13 10 15 16 HYPER 5v-1 GND GND RMT OUT Sv-1 LED GND KEY B KEY B 5V_2 C352 R357 R358 R359 R383 R365 16V22u 4.7k 10k DEL DEL DEL C862 R862 330P 10K PIP_RST ST AND CALE 0529 2SA1162-Y 0424 0425 2803473Y-L 2903473Y-L SD_XI NC SO SYNC-VCD2 SZEP W __\transfer -\transfer SYNC-AVIZ OF RADE 0.78V(p-p)(H) 2RF SW DEF. GND VSS OUT VSS OU D.F.DRIVE 16 D.F.DRIVE (I) EHCOM 31.5.33.75 (II) 31.5/33. DPC (III) DPC AR.SMZ (III) ABLSW2 AR.SMI (III) ABLSW1 R680 \$ 1691bu 3.5V(p-p)(H) 0.75V(p-p) (H) 3.6V(p-p)(H) 07714 RT/18 22.30 OF51 22.40 OF51 SURR-SW2 28 SURR-SW2 SURR-SW1 27 SURR-SW1 0.880 220 10K 7 10 BH (17700 Trick) From the control of the control o SURR D-CONV SIGNAL/CONV 61HX70serise 12 13 16 10 15

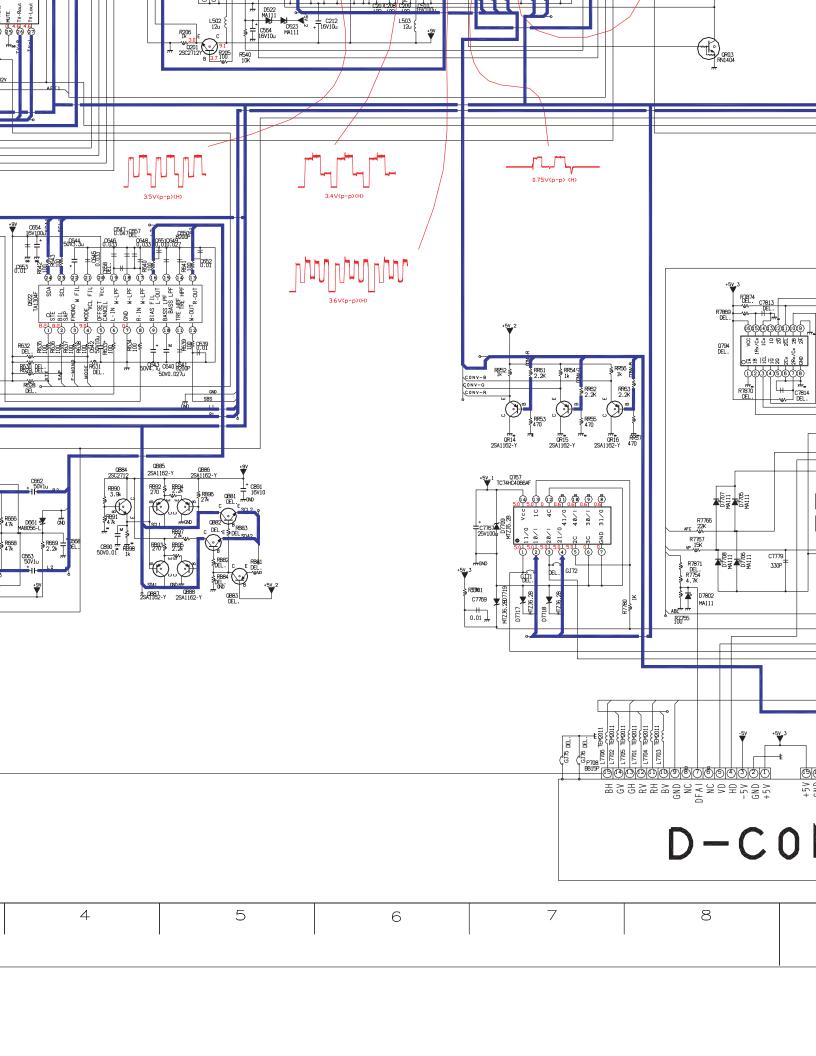


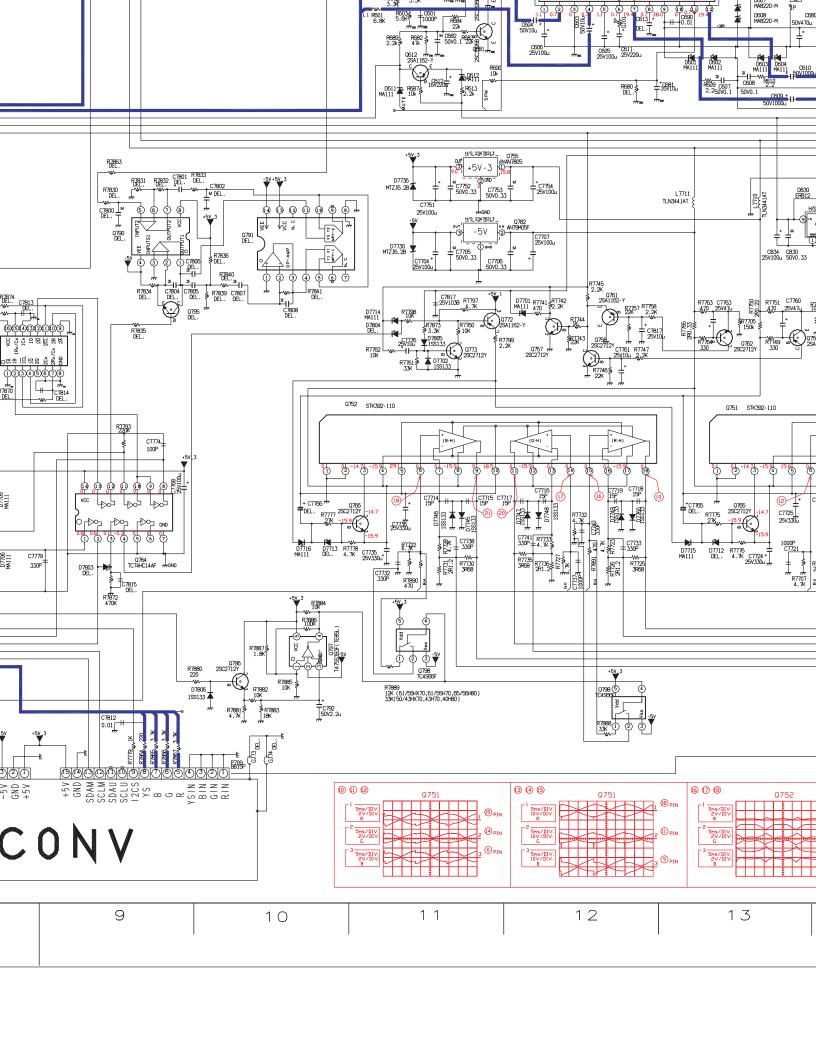


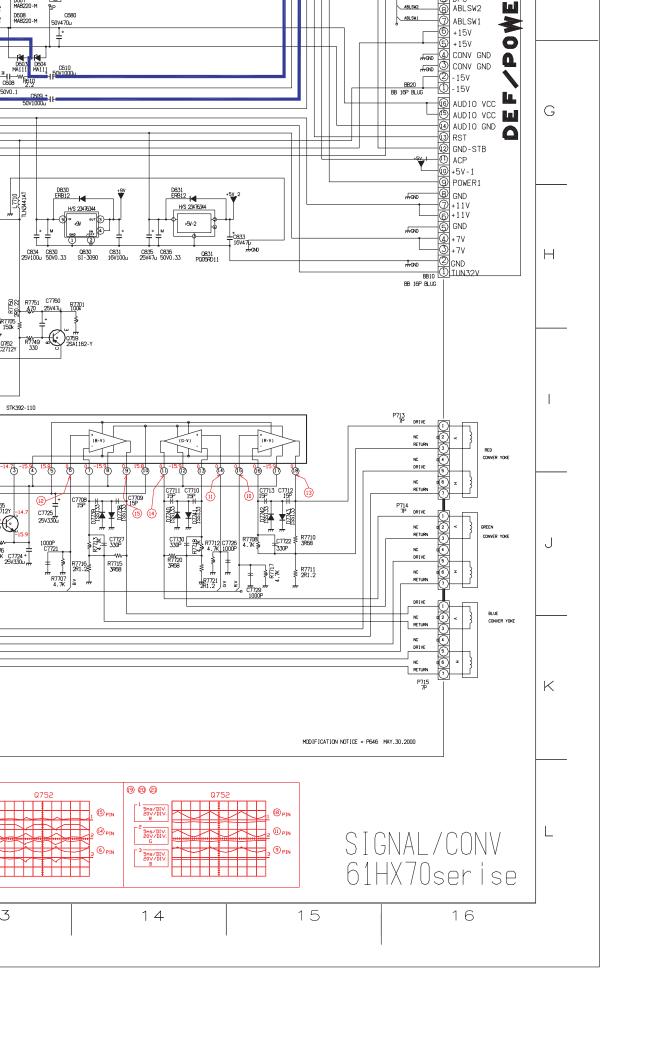


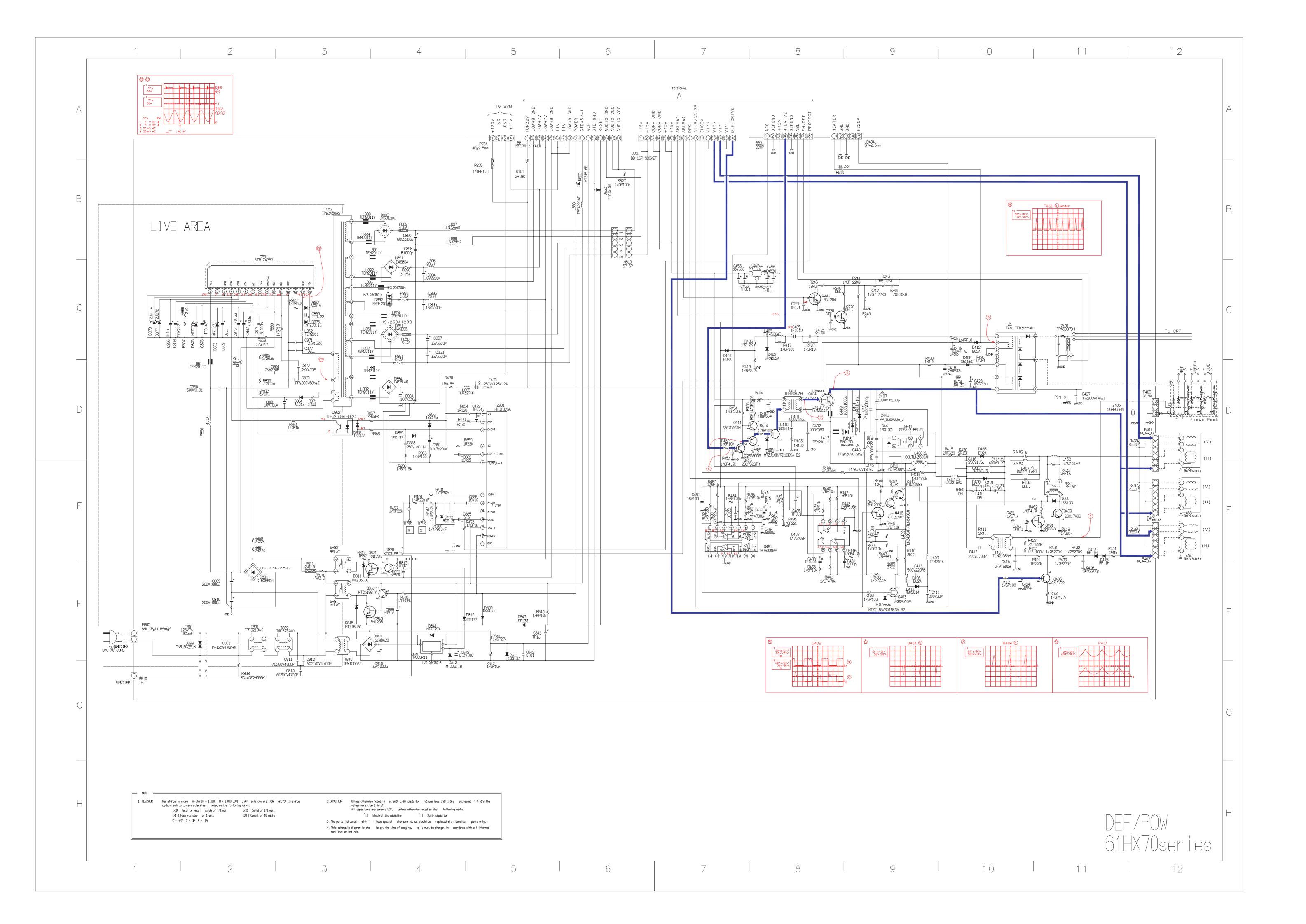


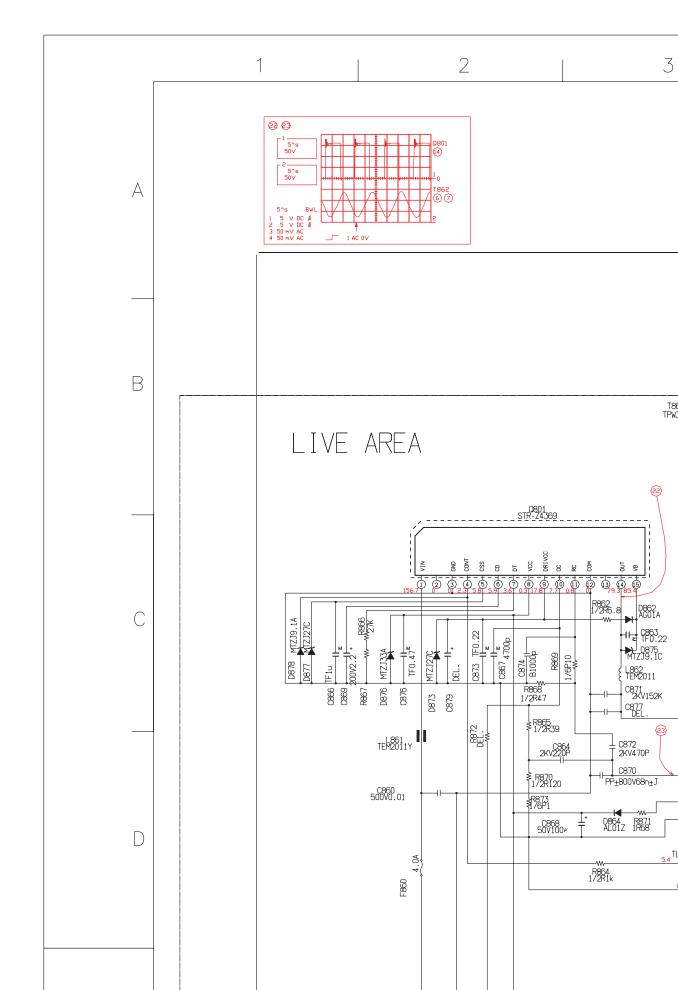


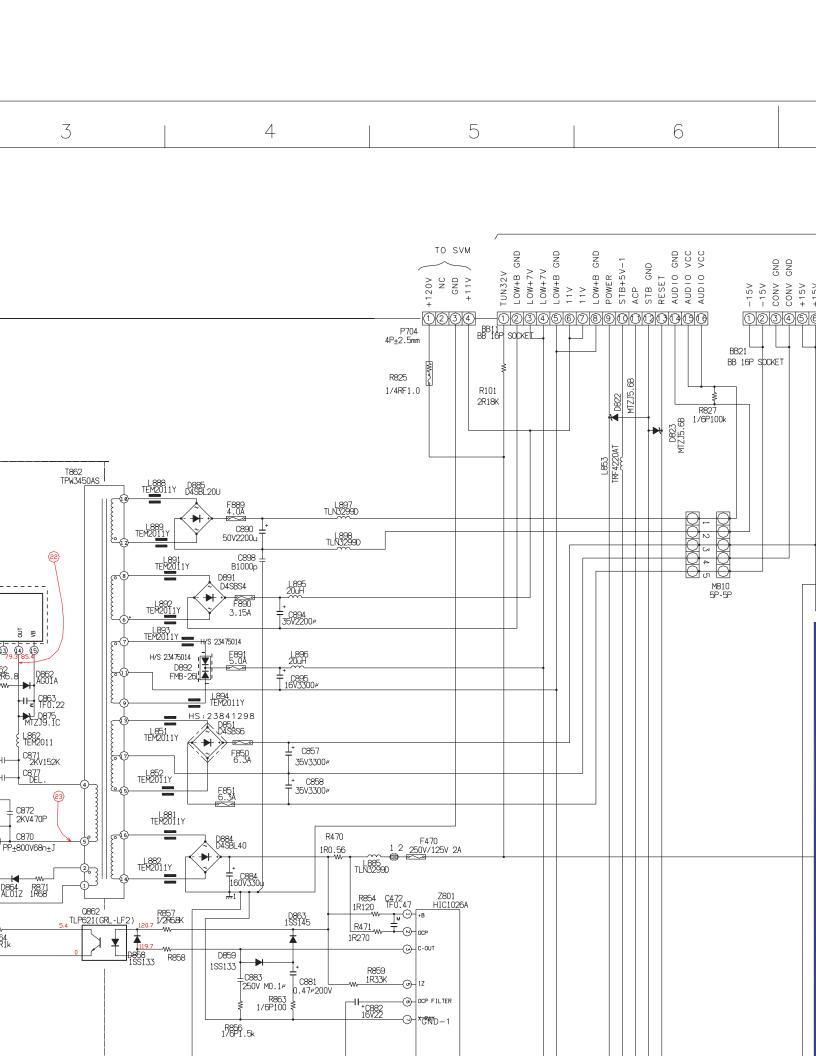


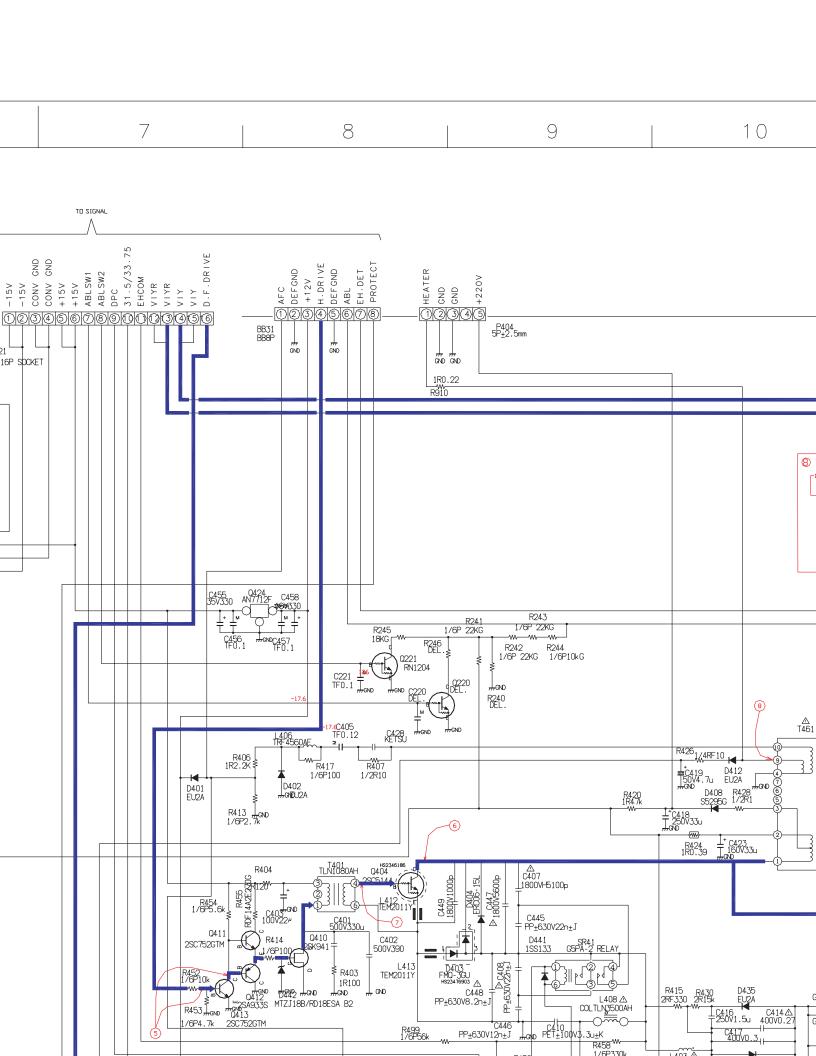


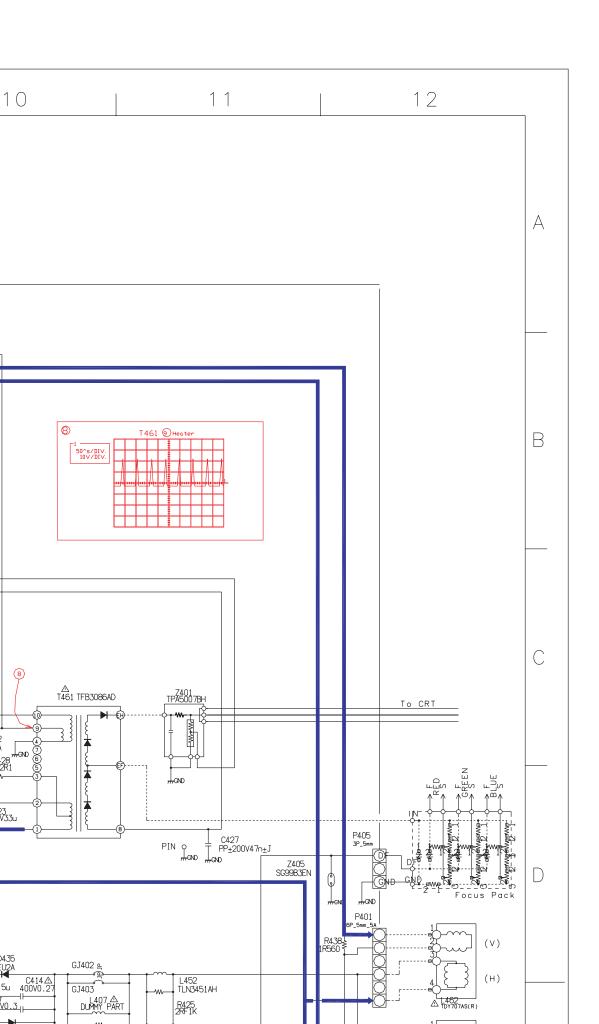


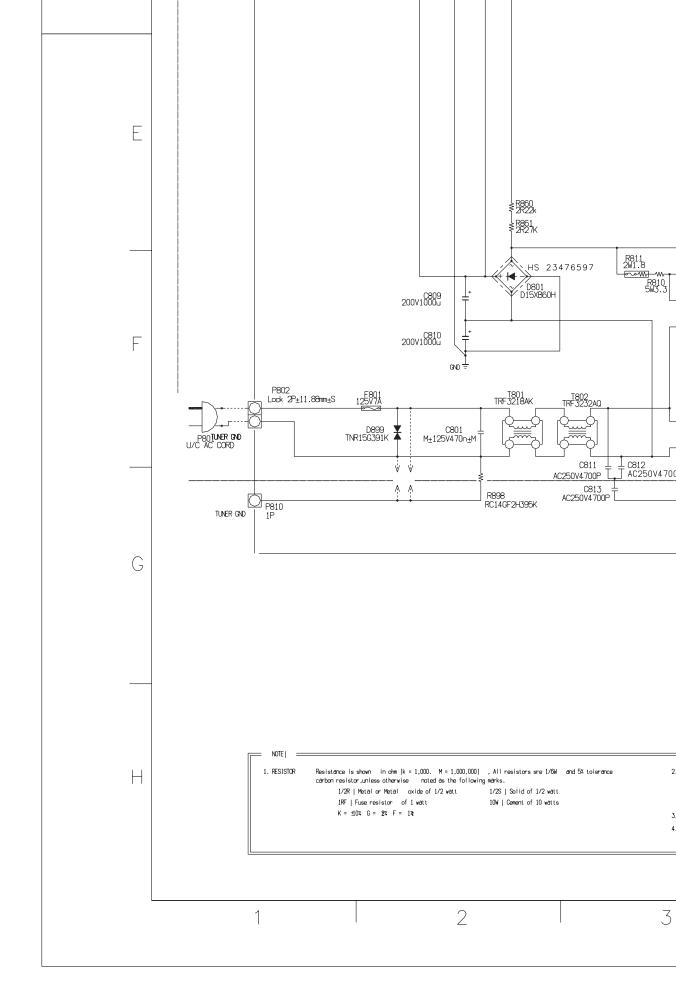


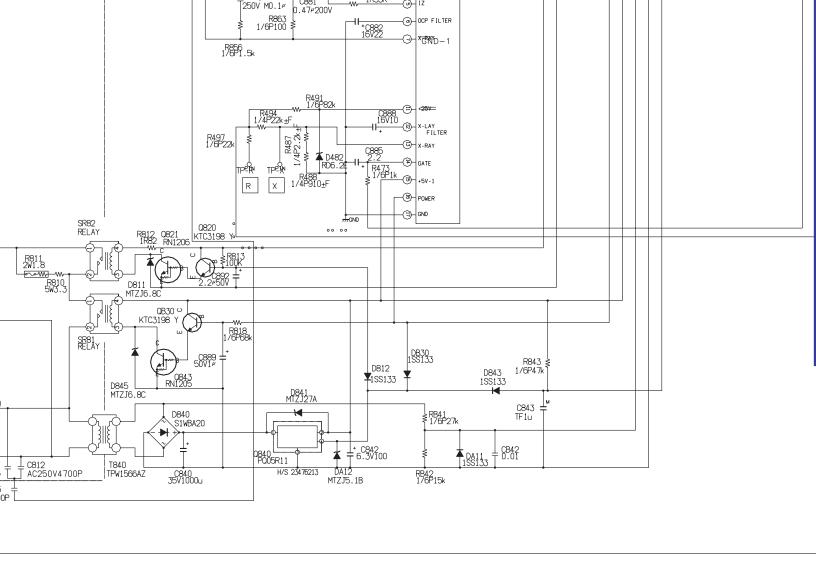












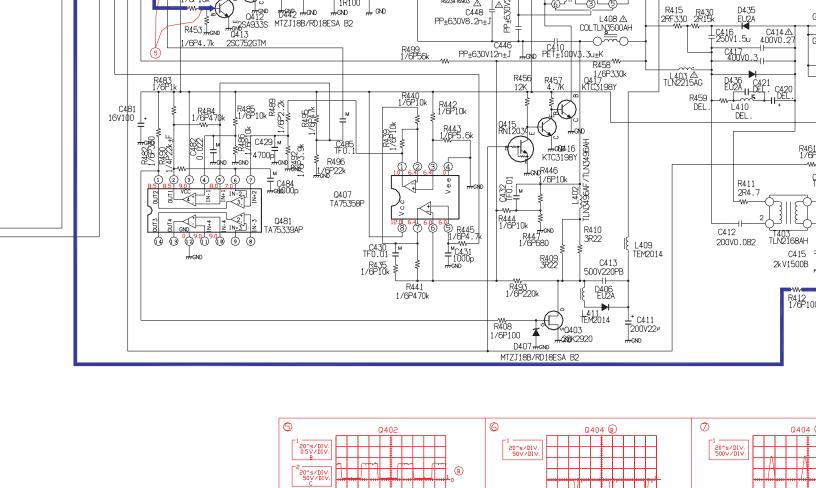
2.CAPACITOR Unless otherwise noted in schematic, air capacitor values less than 1 are expressed in AF, and the values more than 1 in pF.

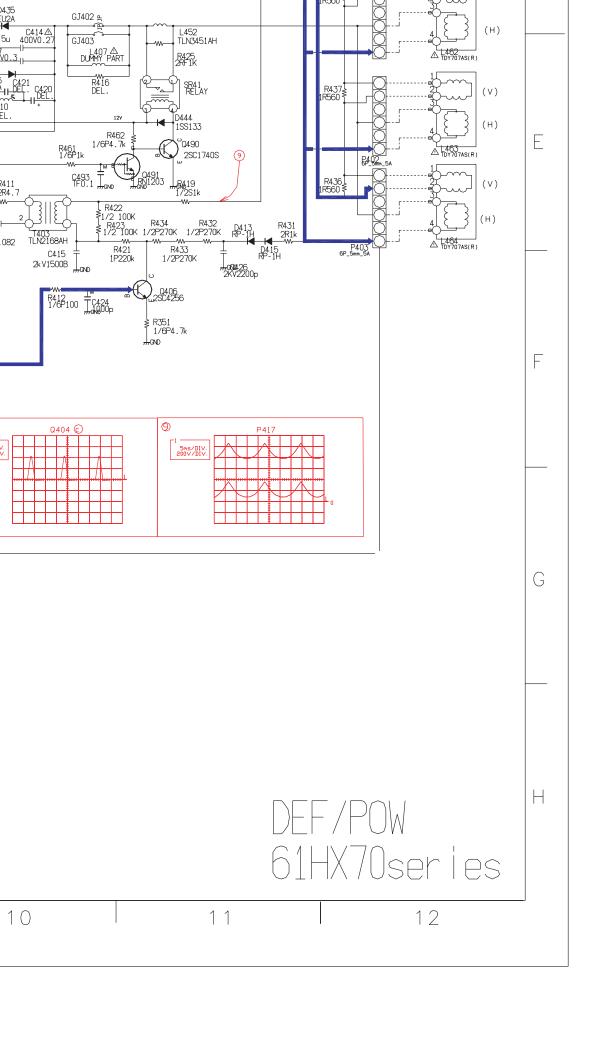
All capacitors are ceramic 50V, unless otherwise noted as the following marks.

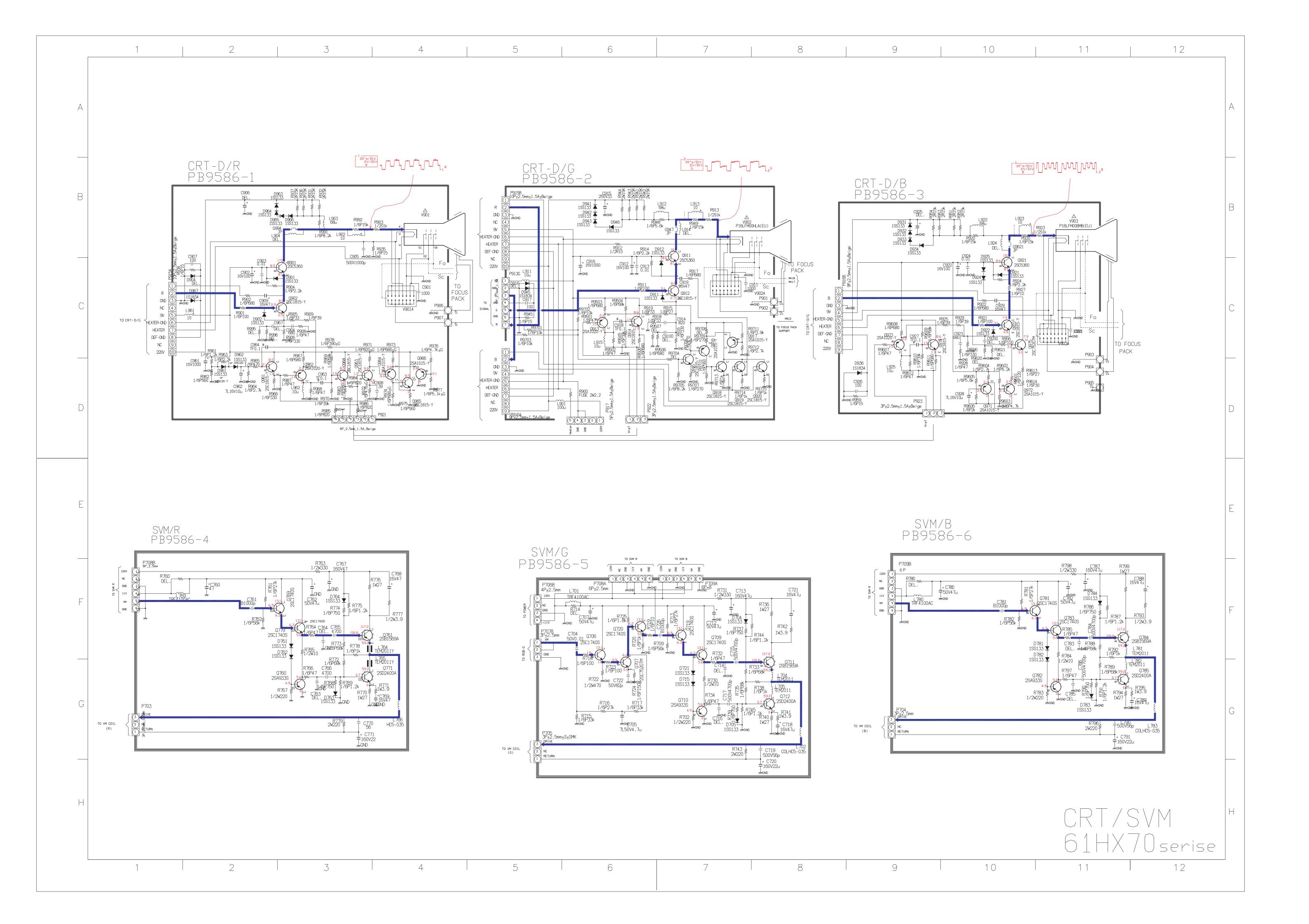
HF Electrolitic căpăcitor HF Mylär căpăcitor

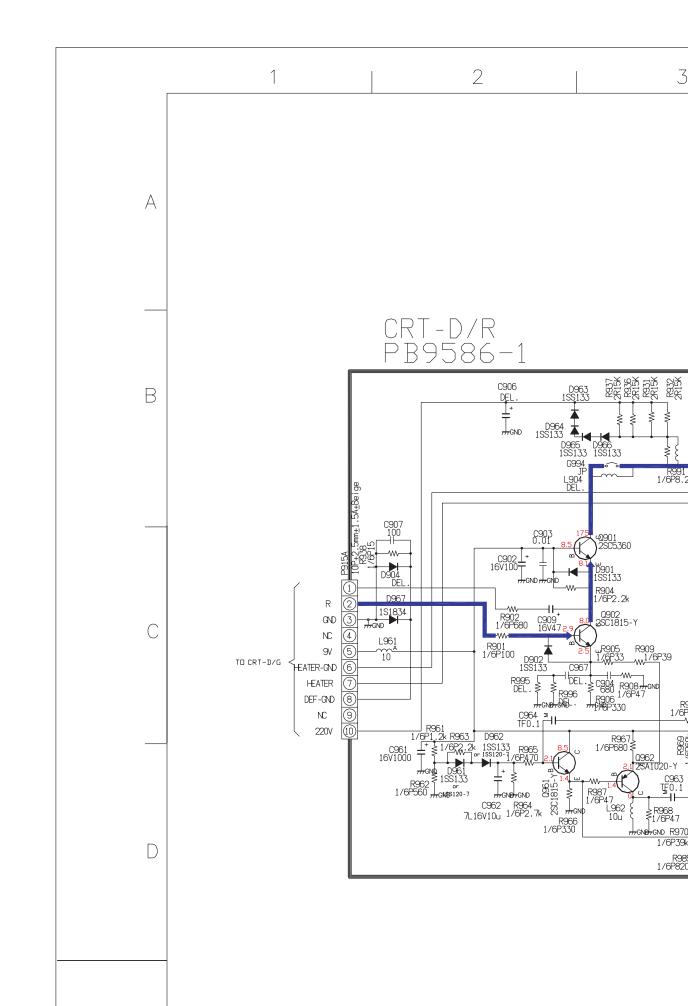
- 3. The parts indicated with " "have special characteristics should be replaced with identical parts only.
- 4. This schematic diagram is the latest the time of copying, so it must be changet in accordance with all informed modification notices.

3 4 5 6

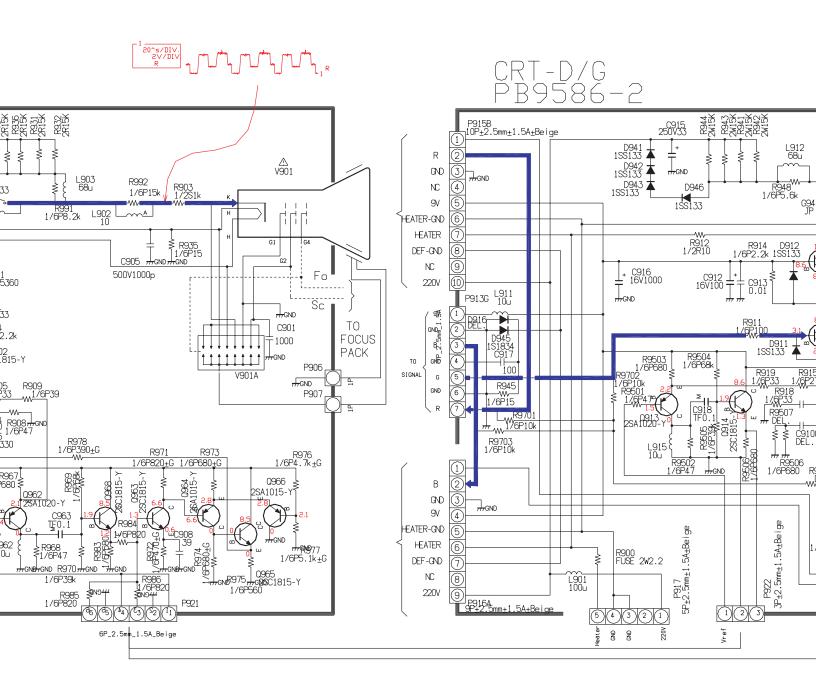




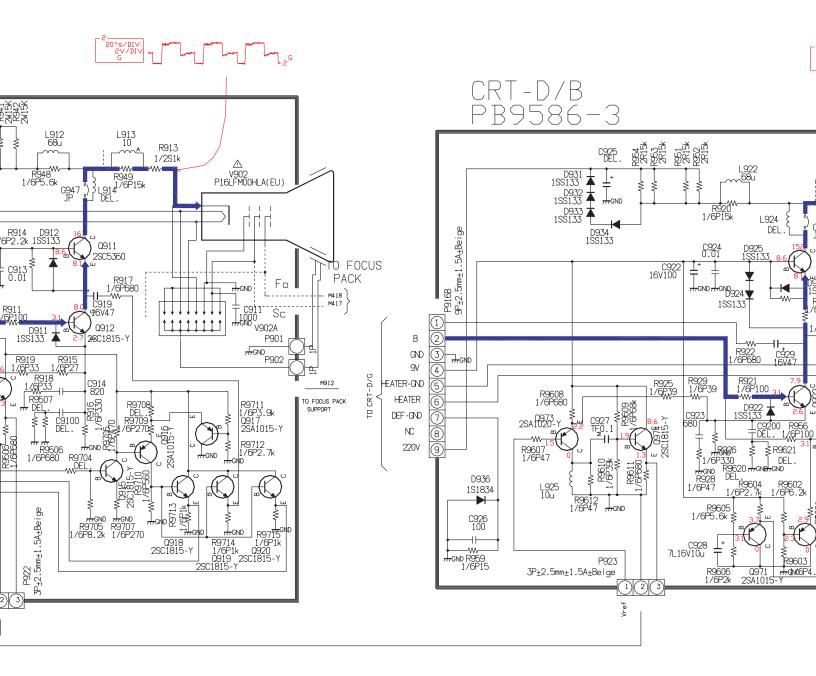


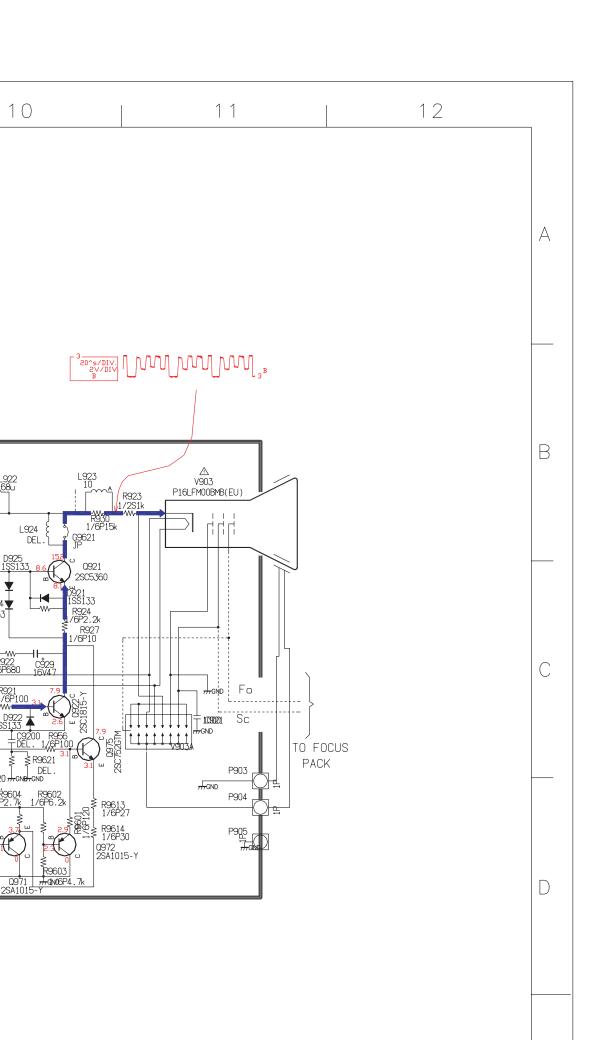


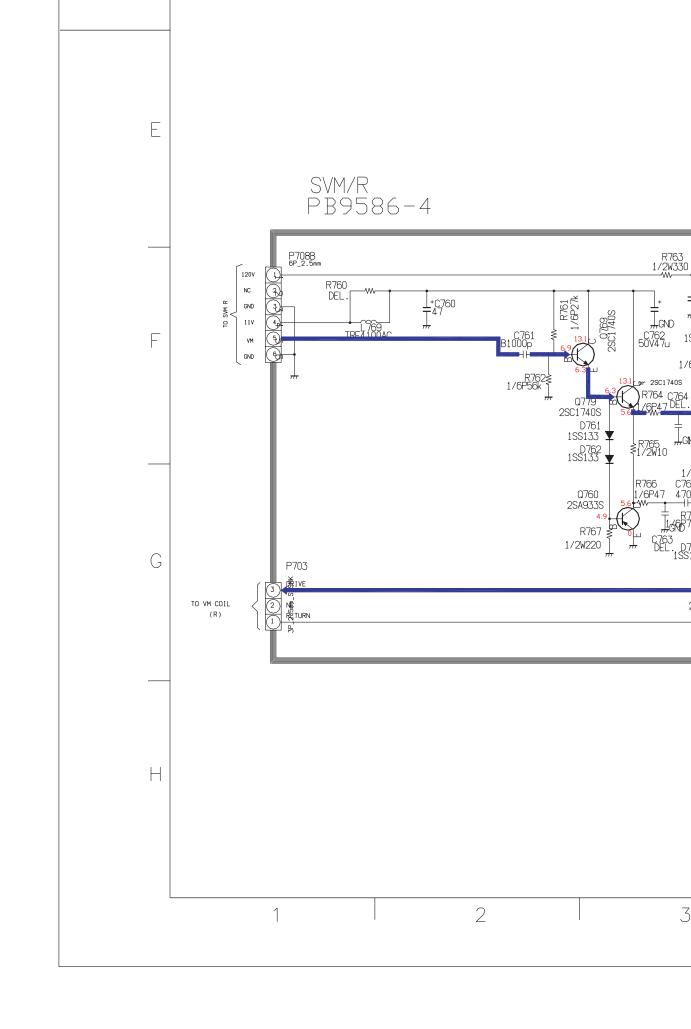
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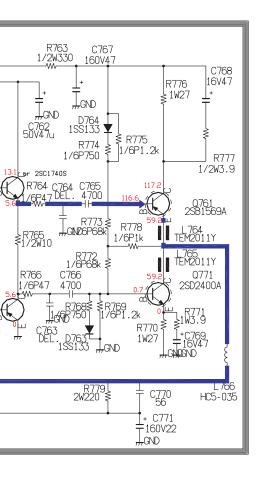


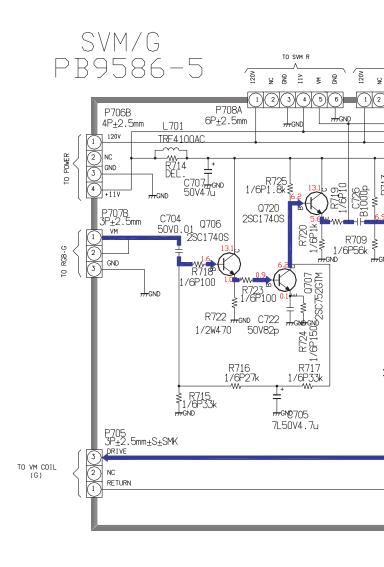
7 | 8 | 9 | 10





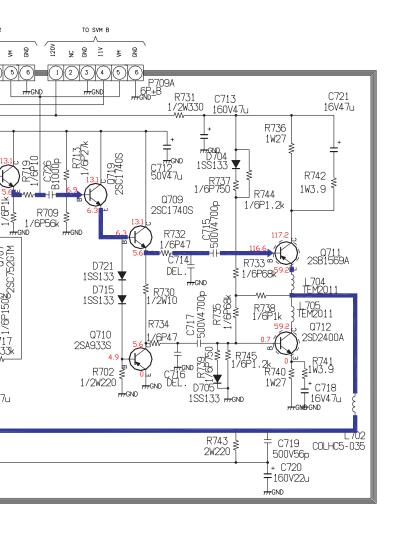


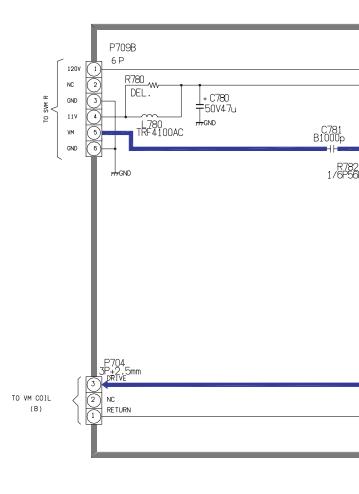


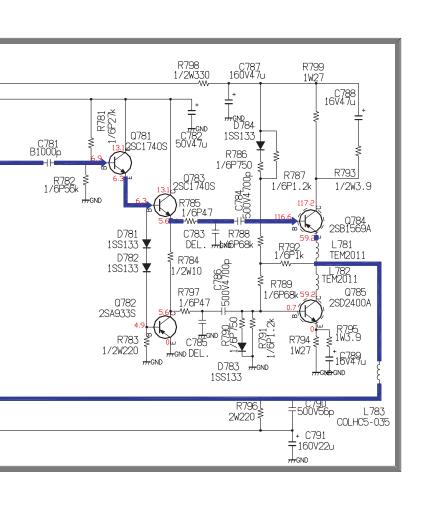


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SVM/B PB9586-6





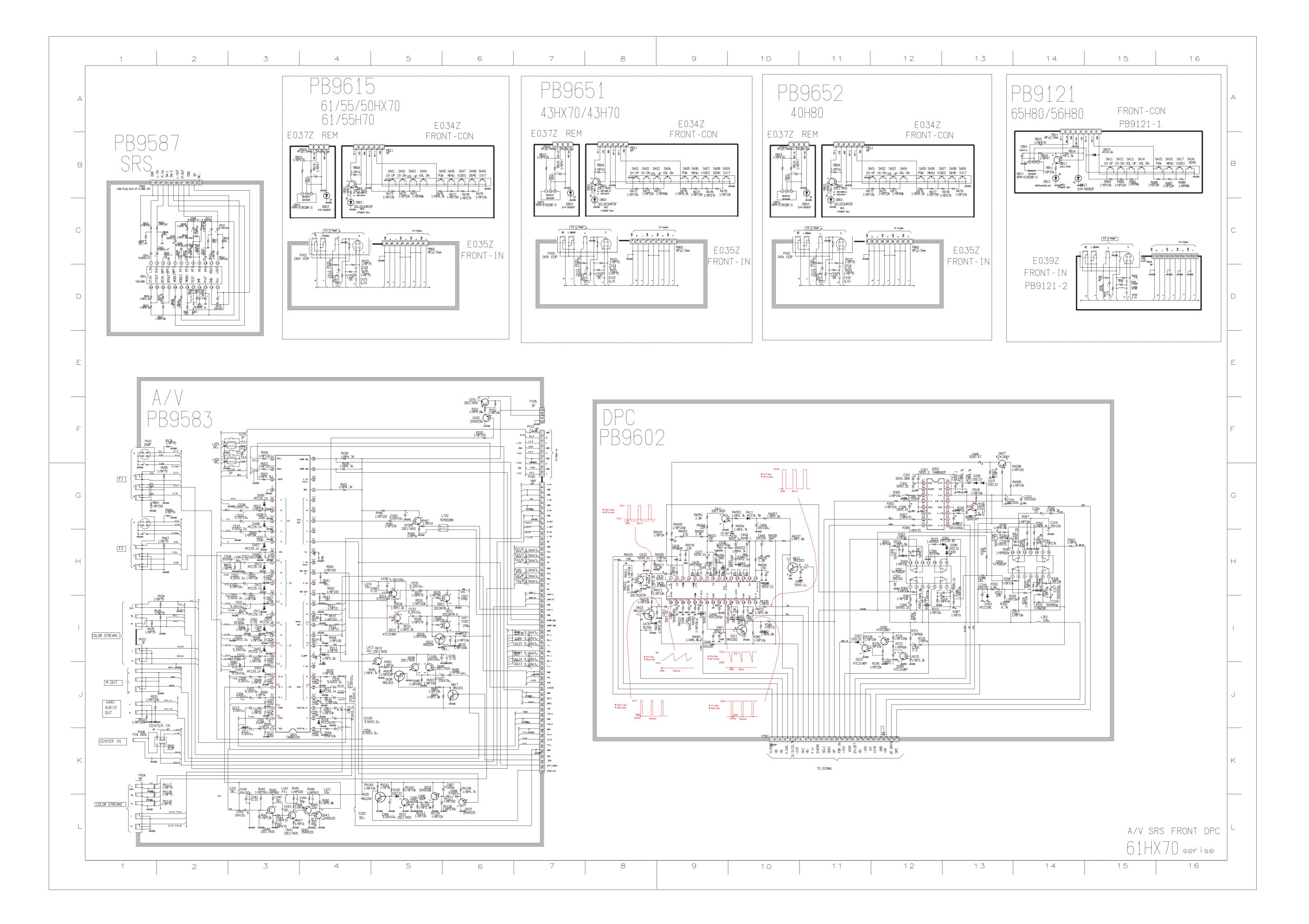


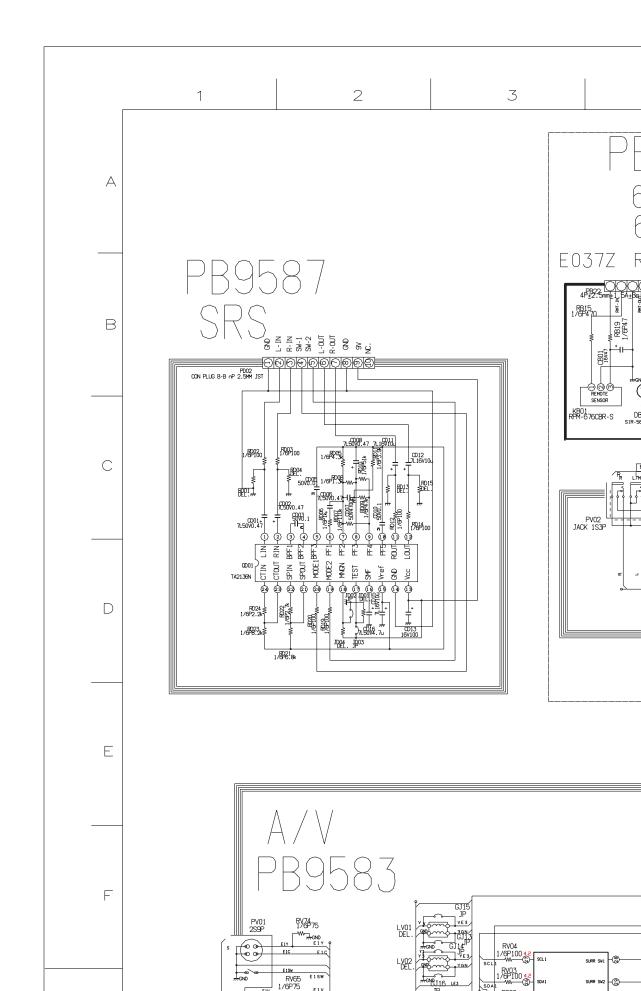
CRT/SVM 61HX70serise Ε

F

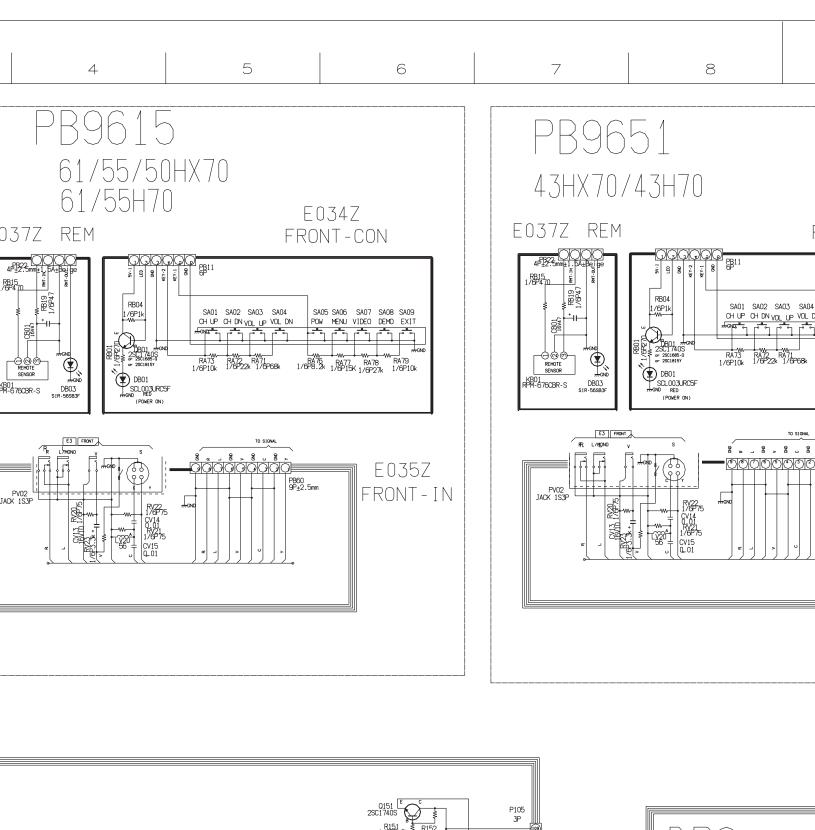
G

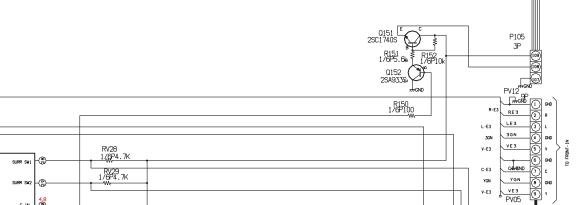
10 11 12





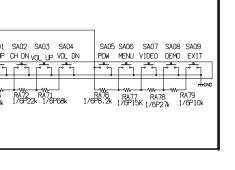
. 1/6P4.7k

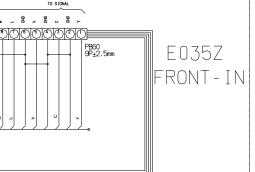


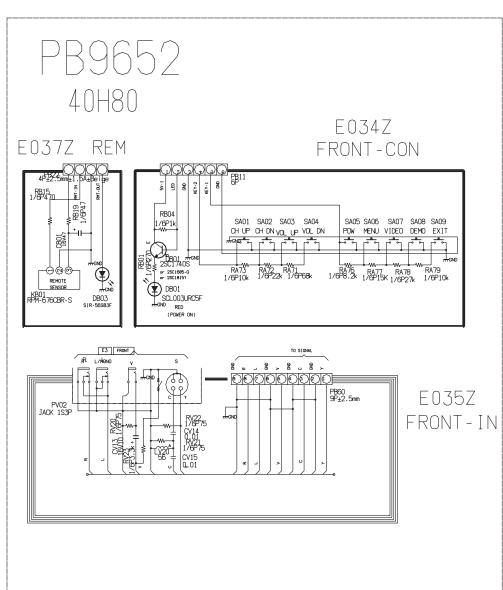


DPC PB9602 9 10 11 12 13 PB9652

E034Z FRONT-CON



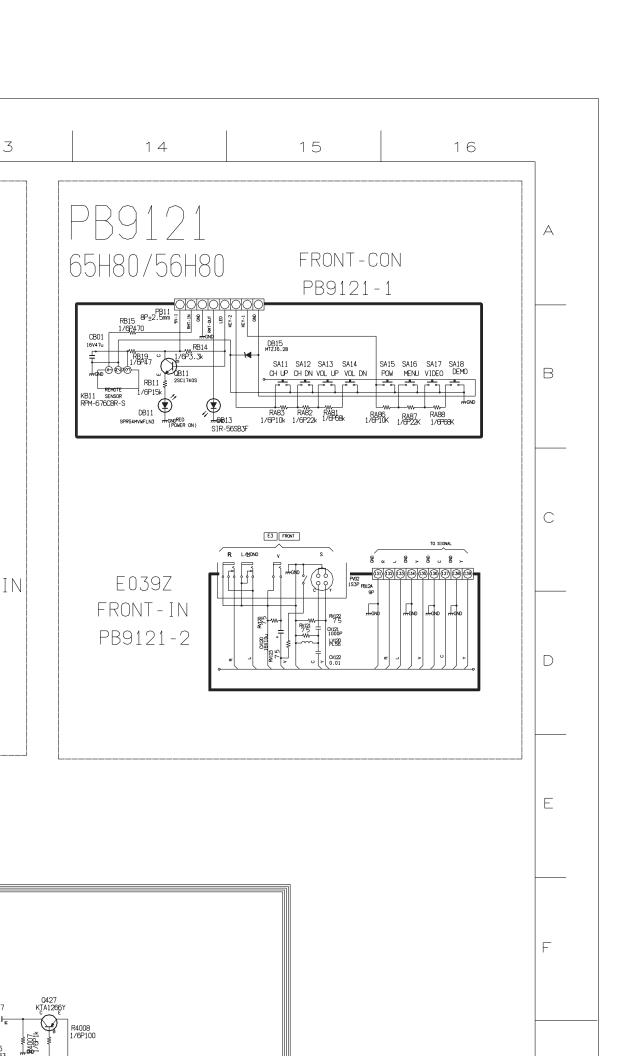


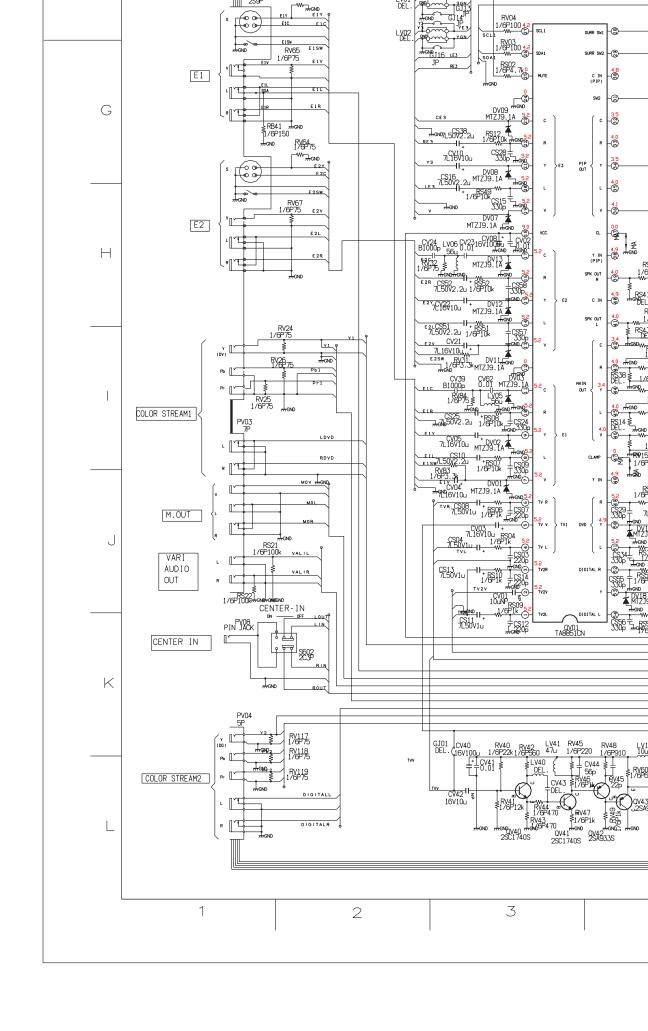


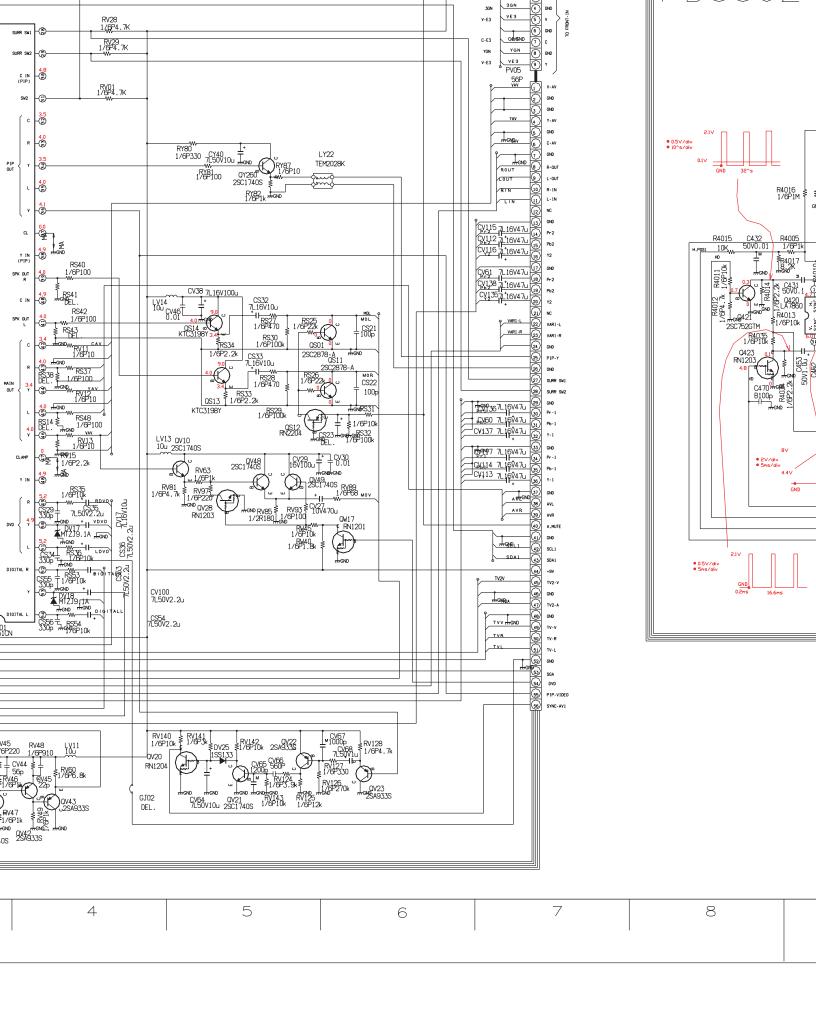
C468 50V0.47

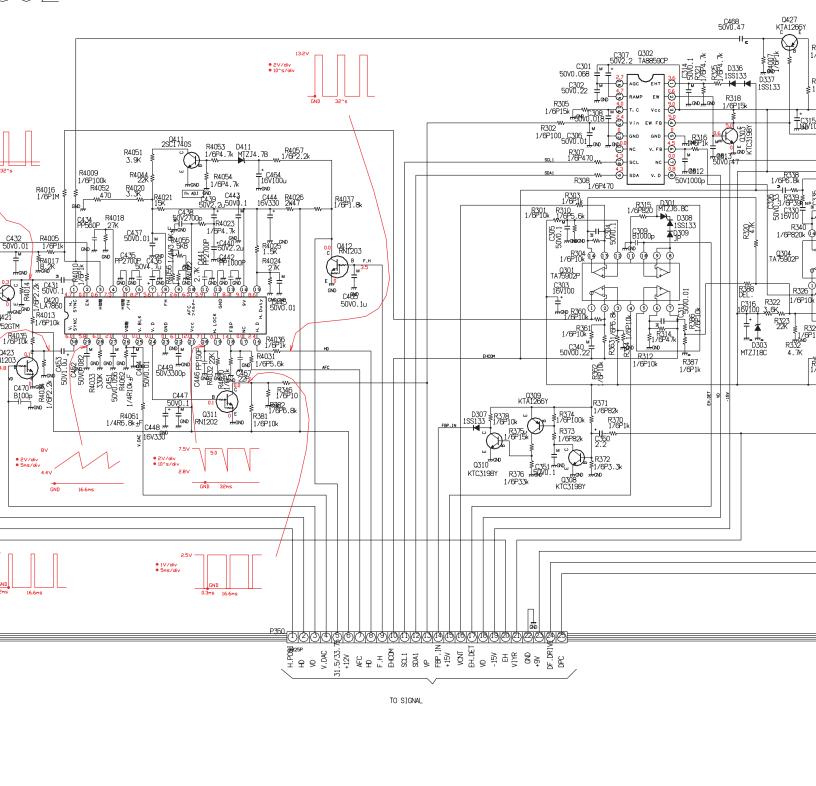
C307 Q302 50V2.2 TA8859CP



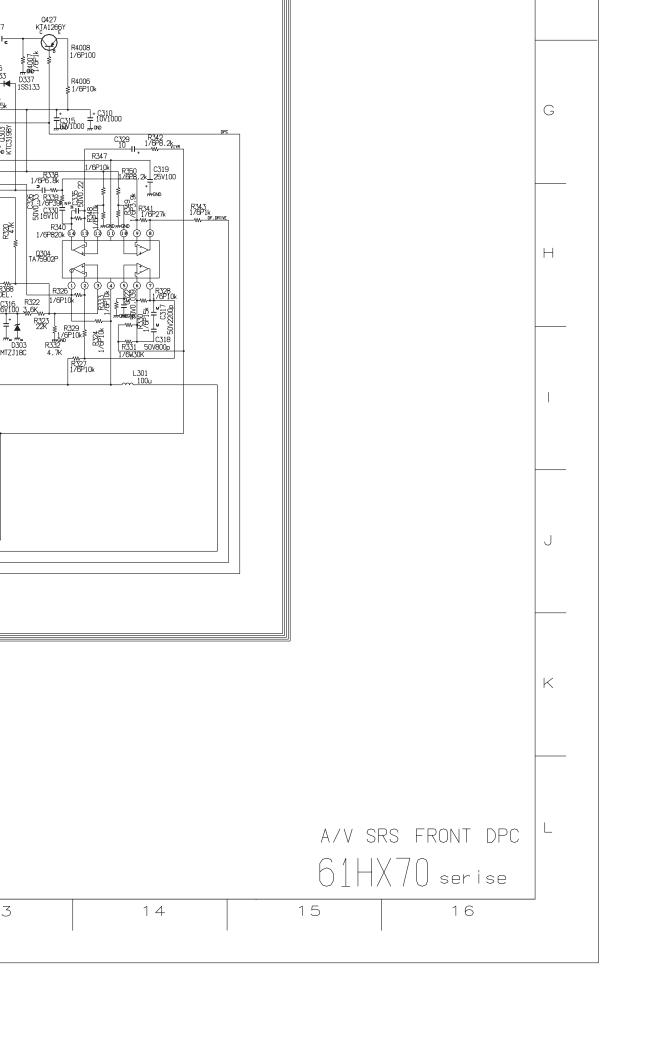


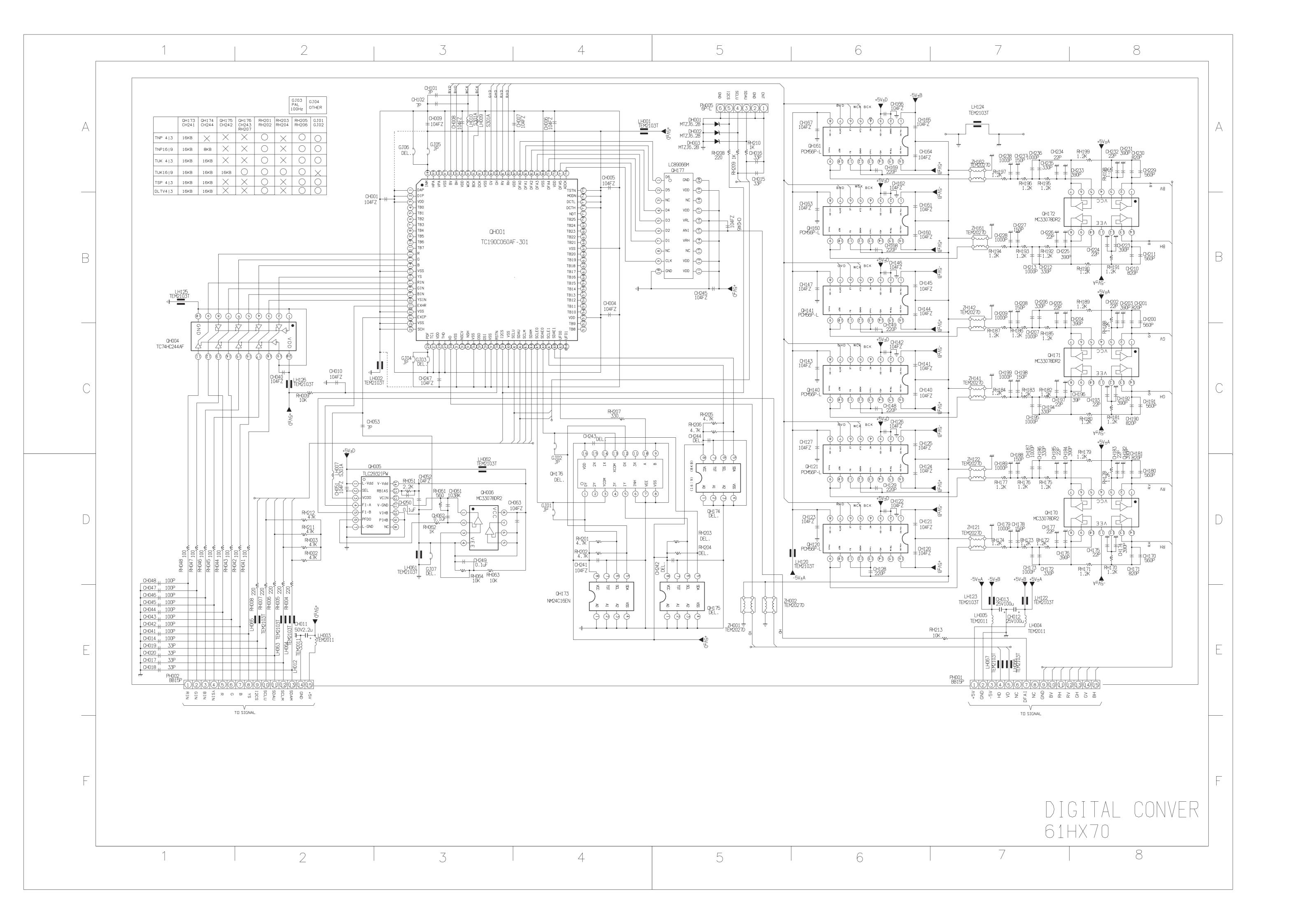


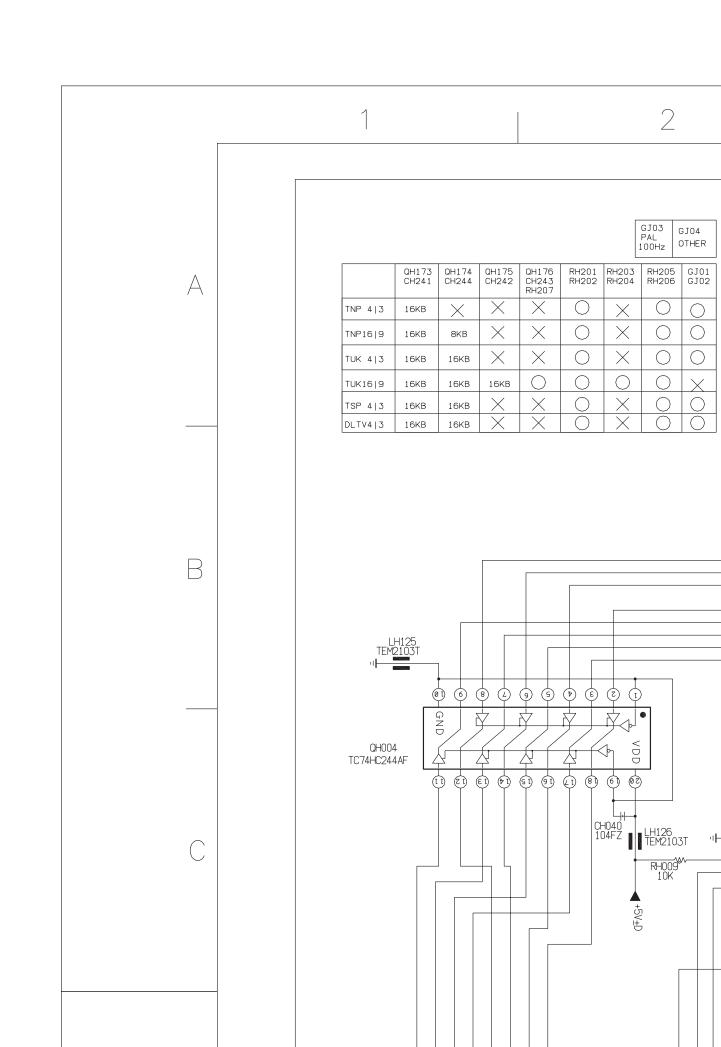


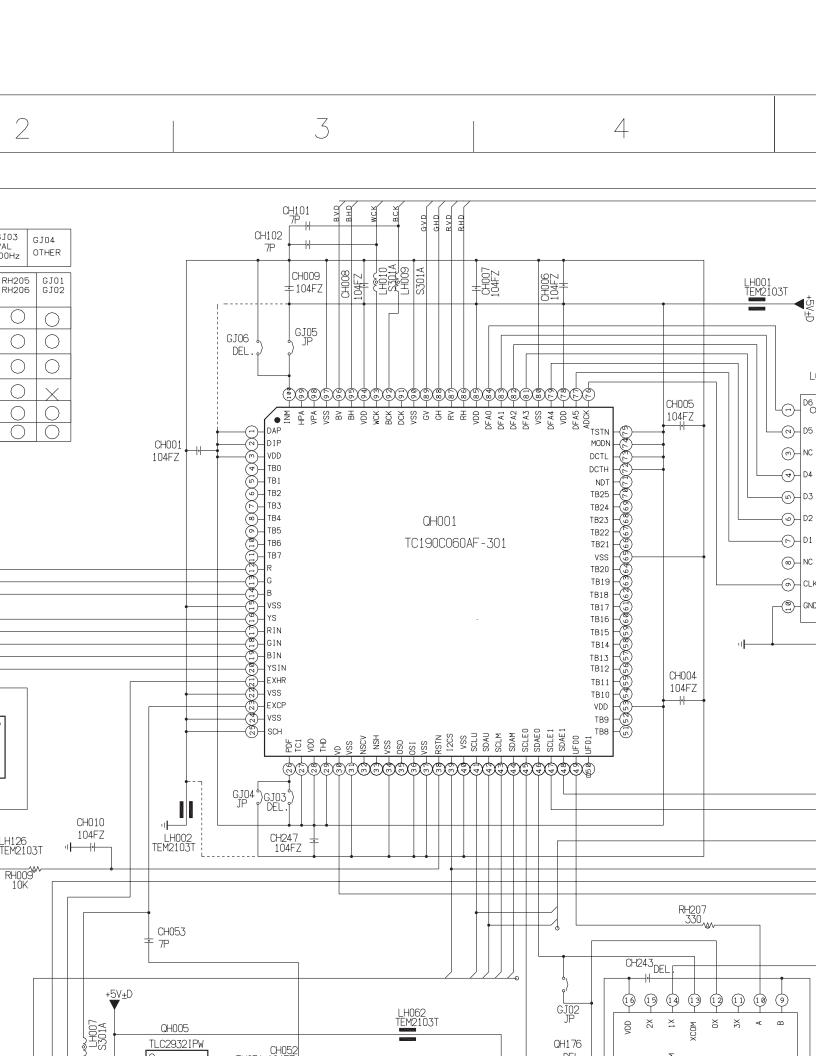


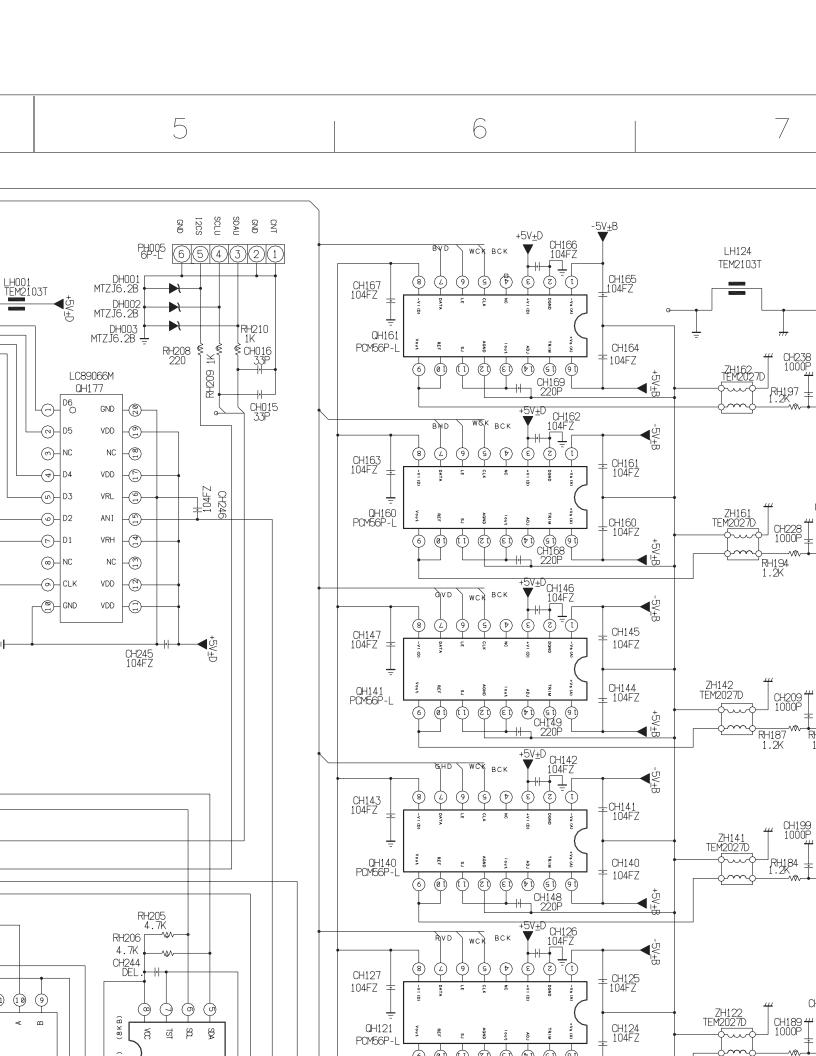
9 10 11 12 13

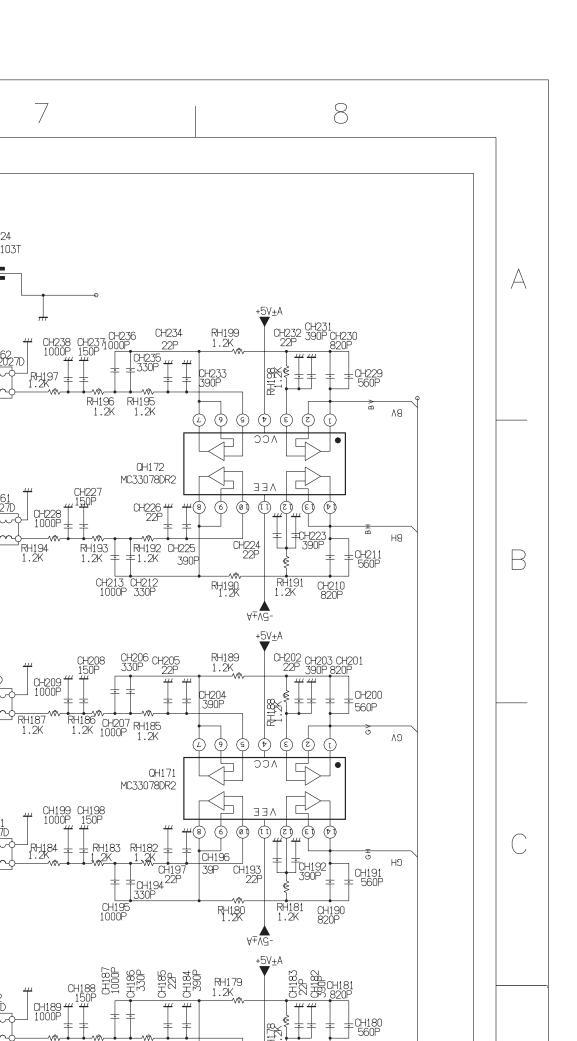


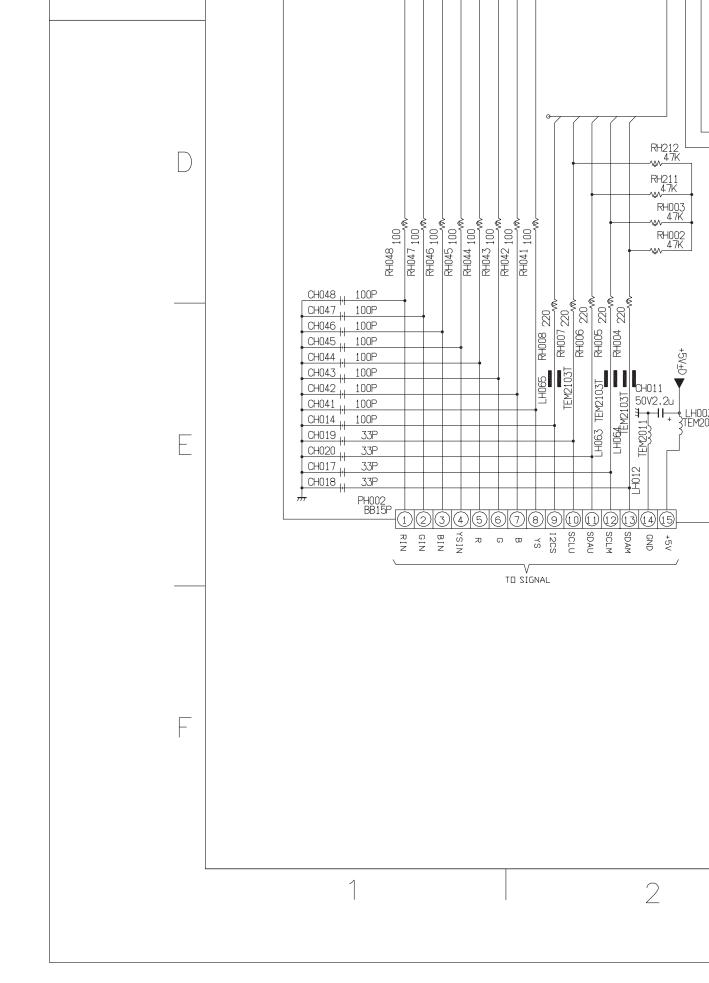


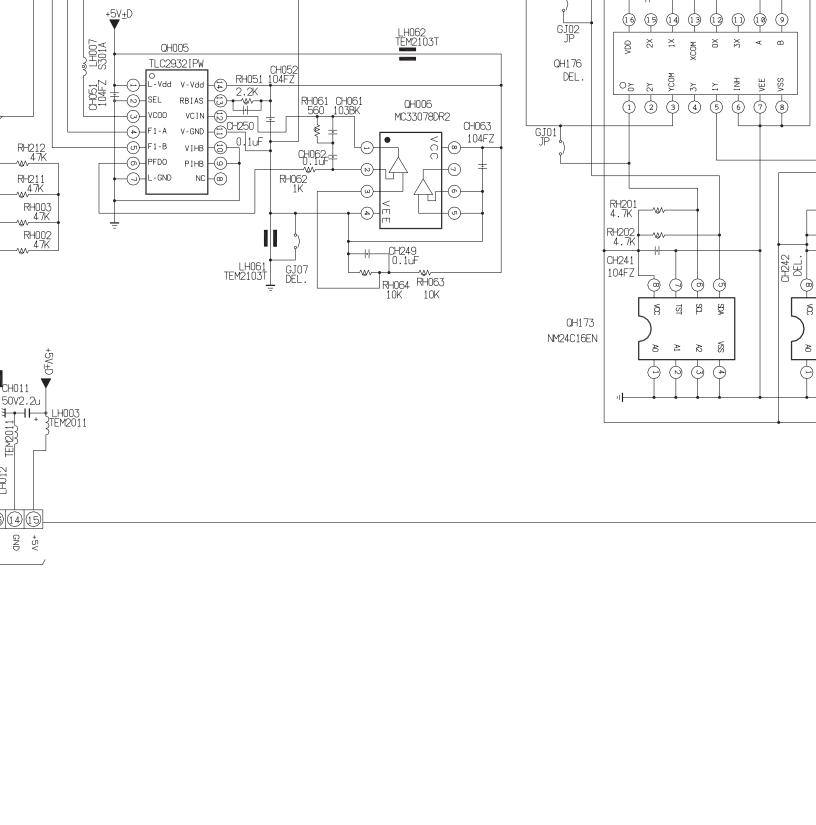


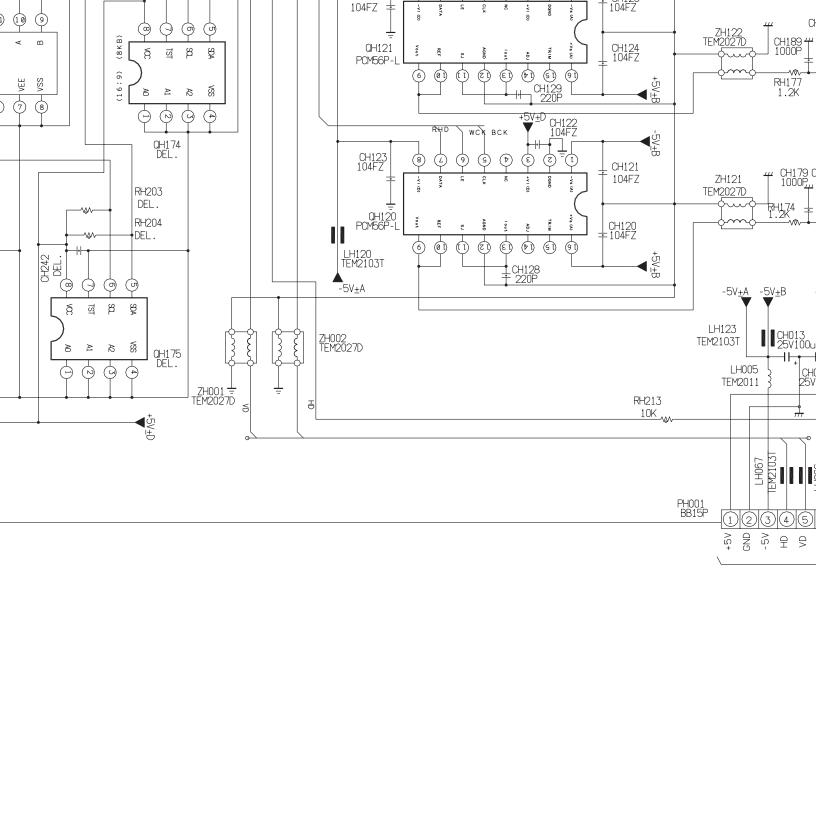












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