

SCHEMATIC DIAGRAM MODEL:CT-2040BM

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES

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Oxon OX9 4QY

Tel:- 01844-351694 Fax:- 01844-352554

Email:- enquiries@mauritron.co.uk

2

3

4

PCB-CH-IND

PCB-CONTROL(1/2)

PCB-CONTROL(2/2)

TRANSMITTER-REMOCON

PCB-PREAMP

15688

IC991 STRA50A

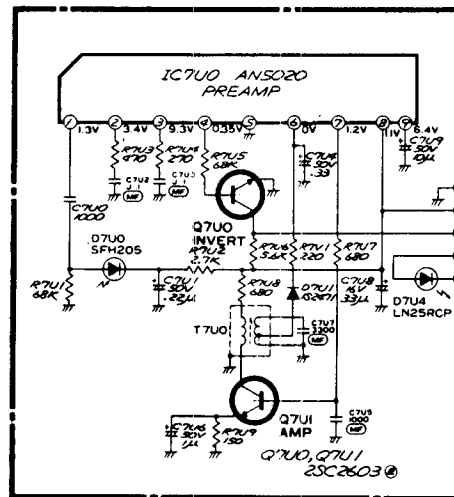
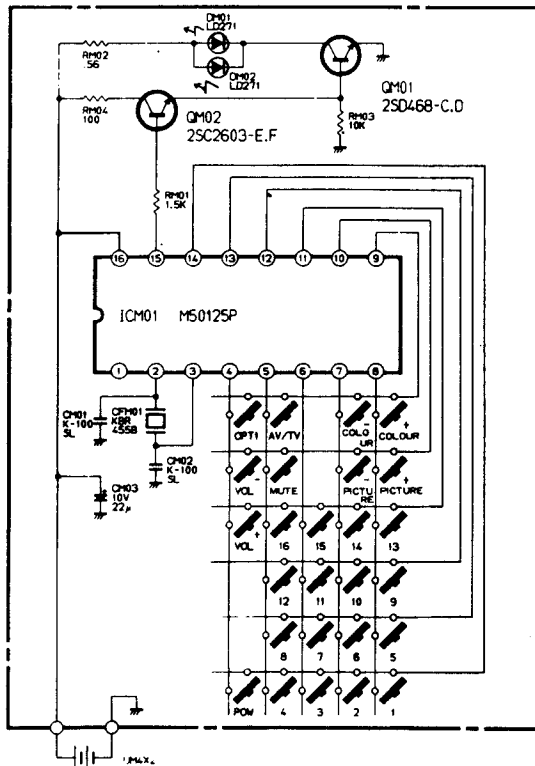
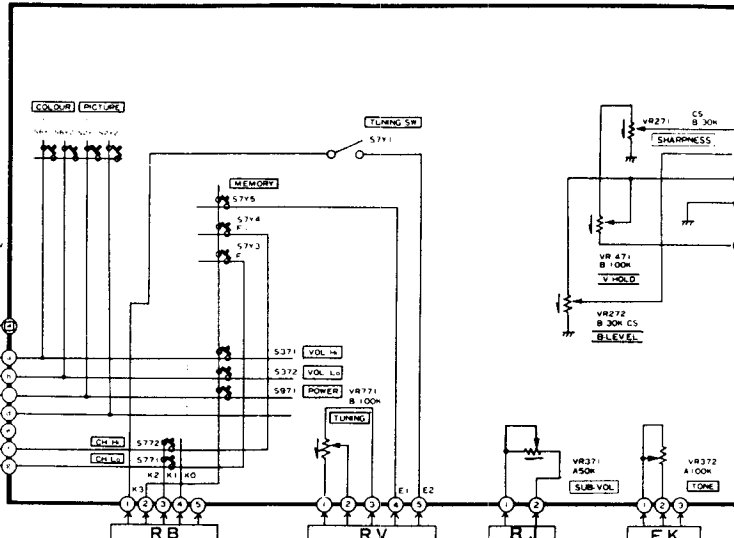
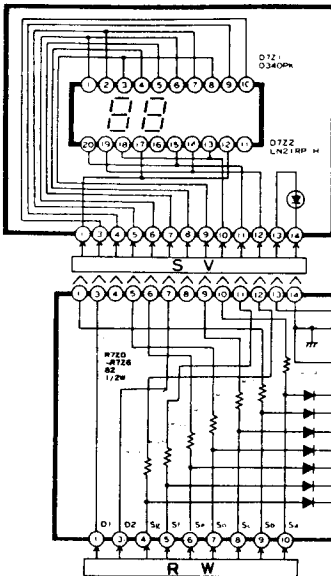
A

B

C

D

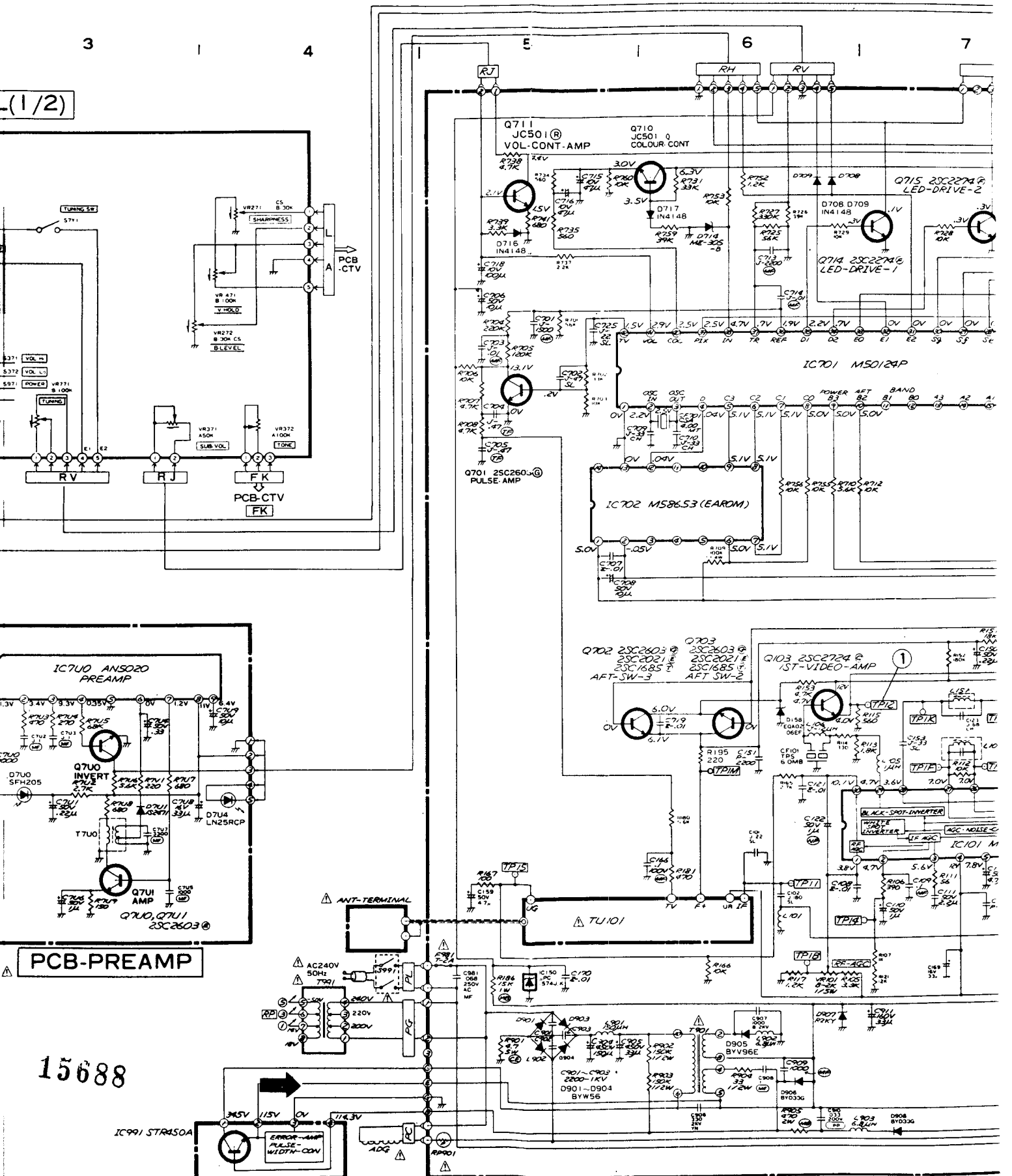
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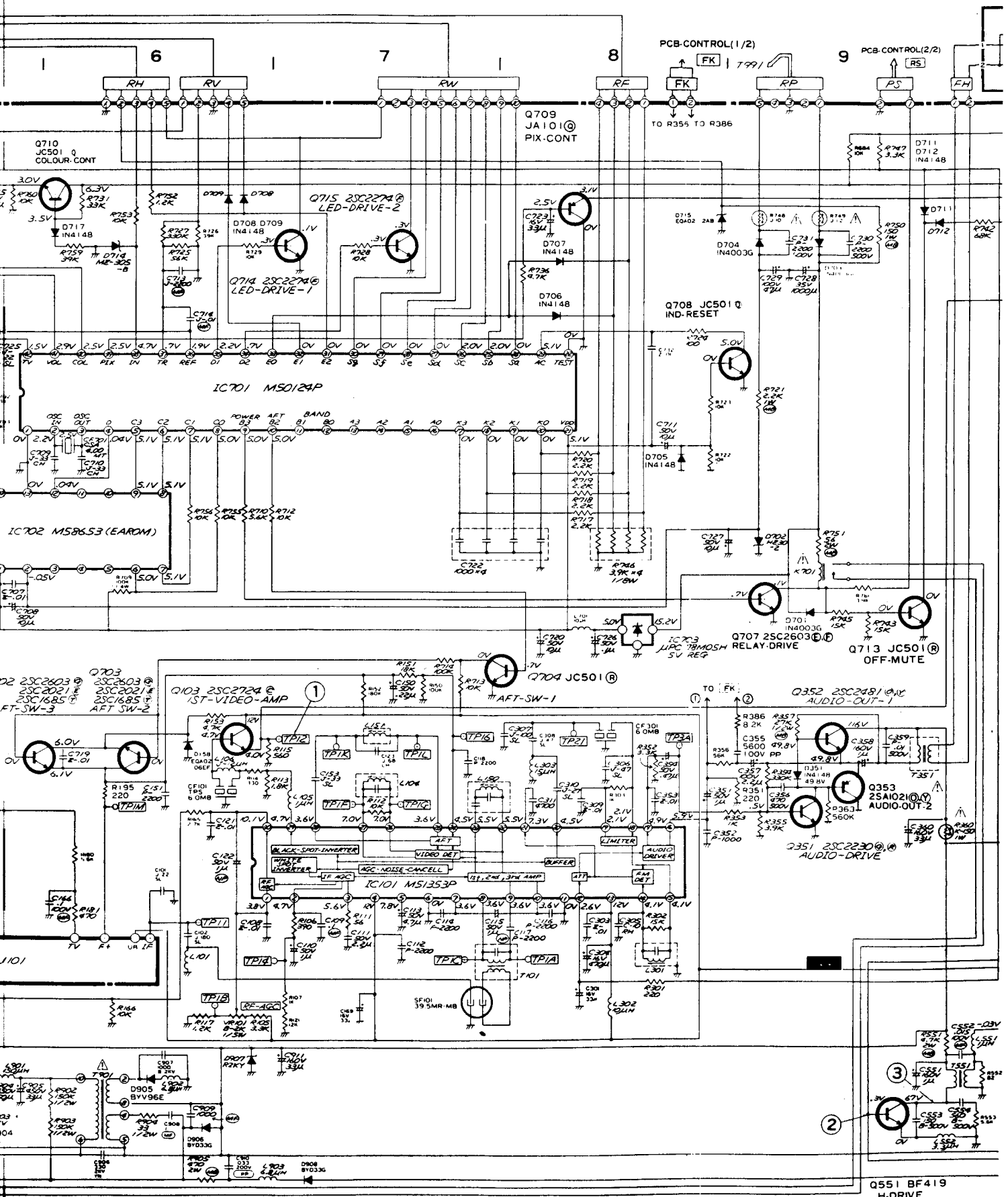
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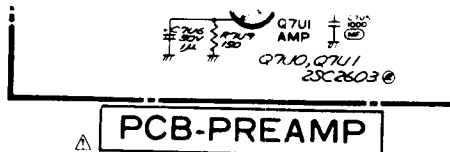
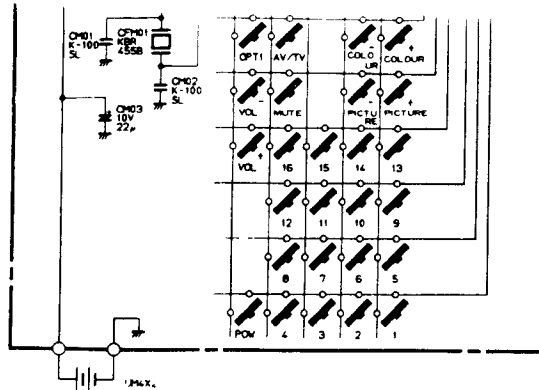
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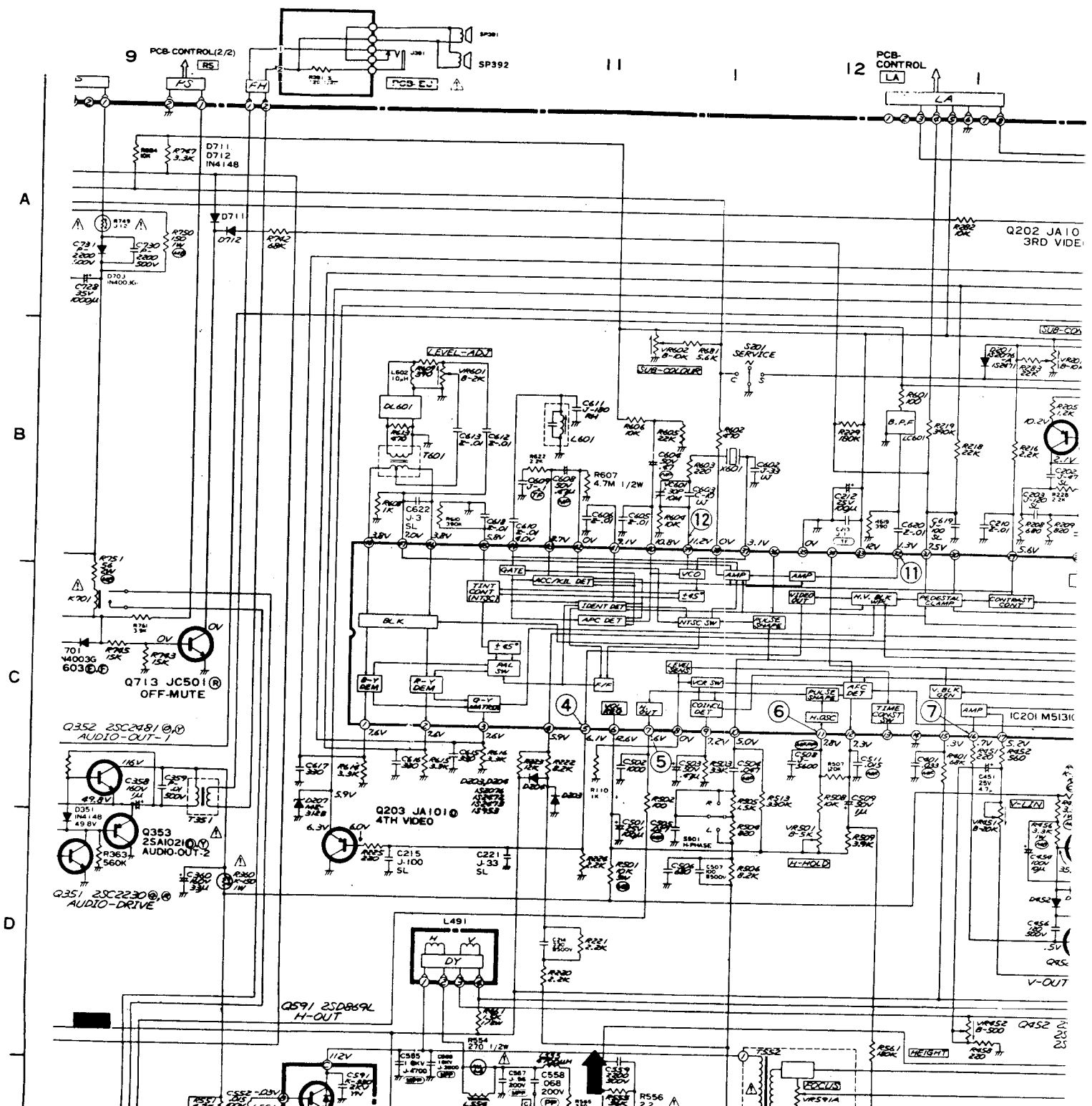
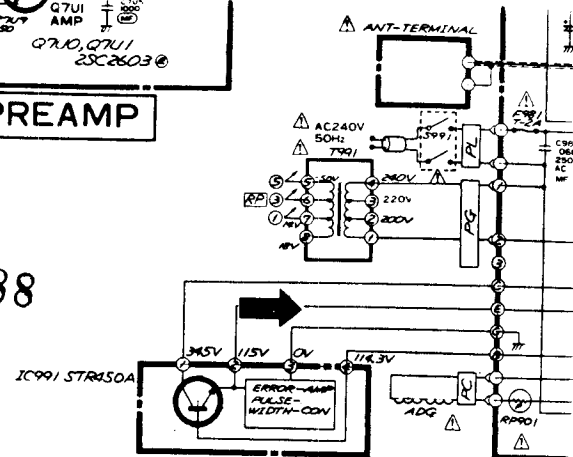
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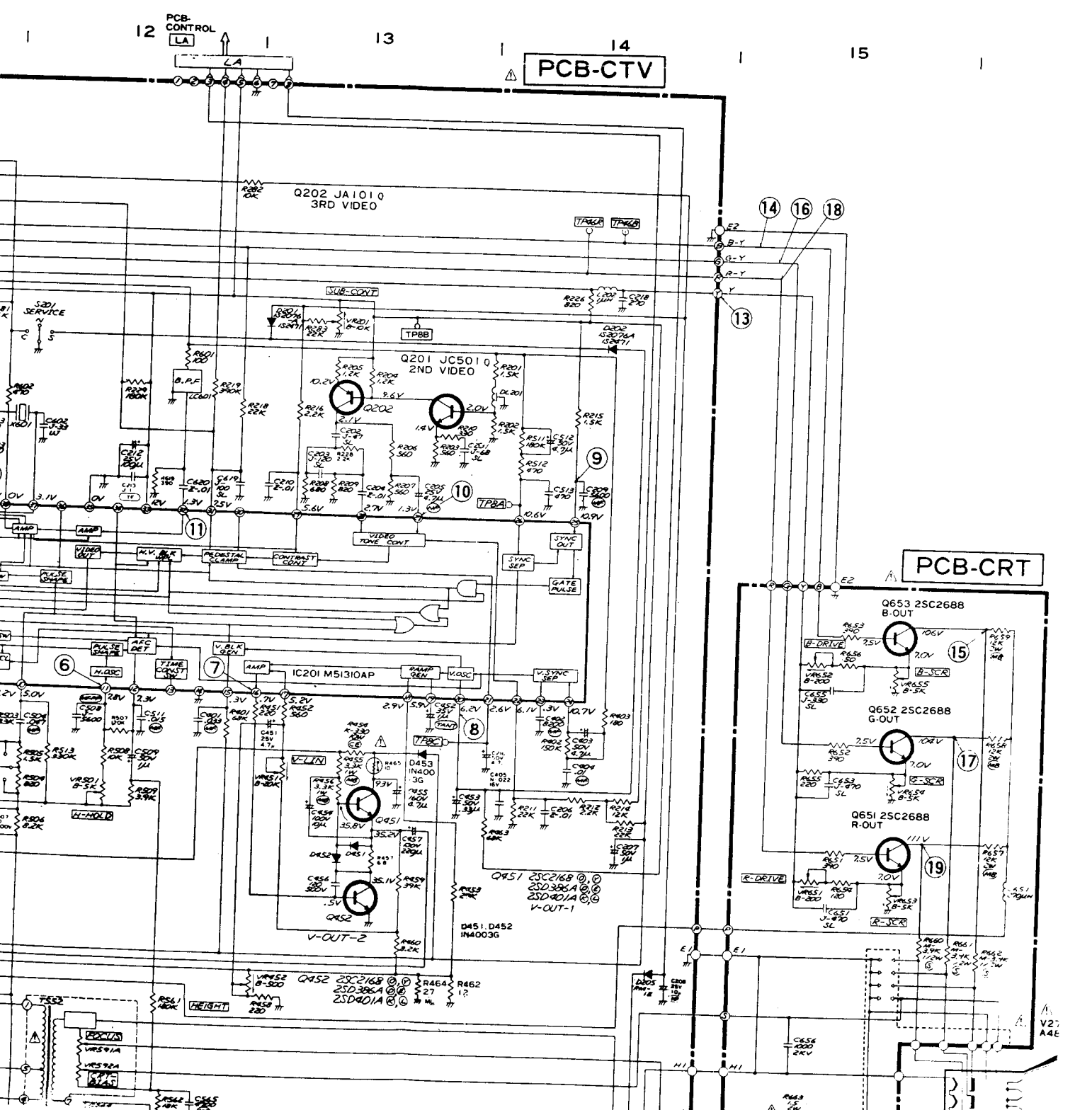
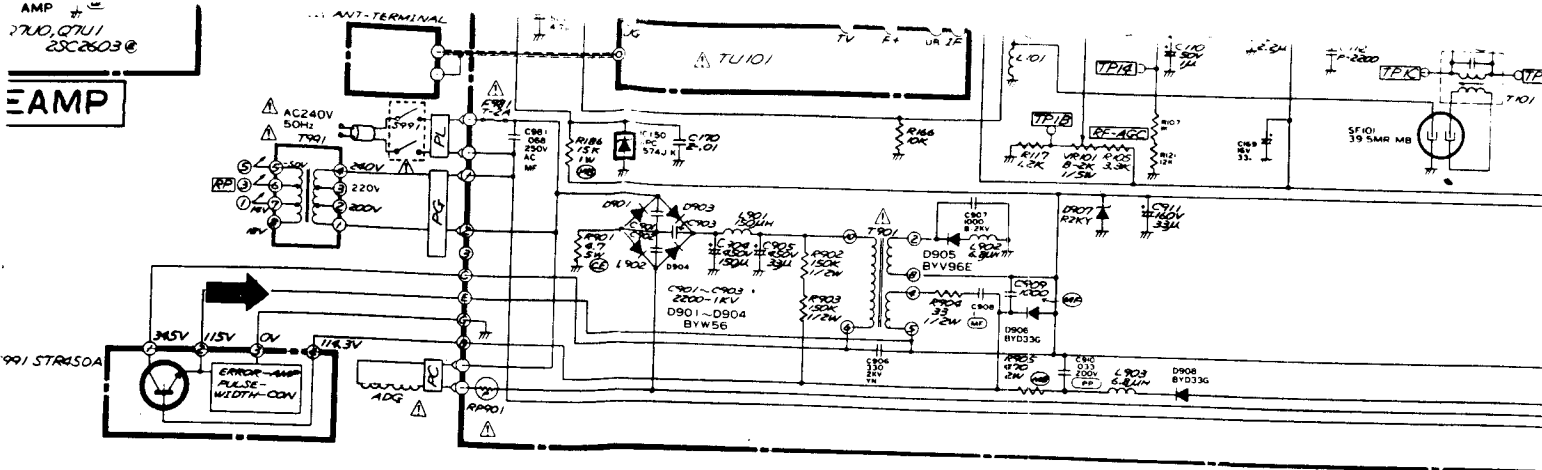


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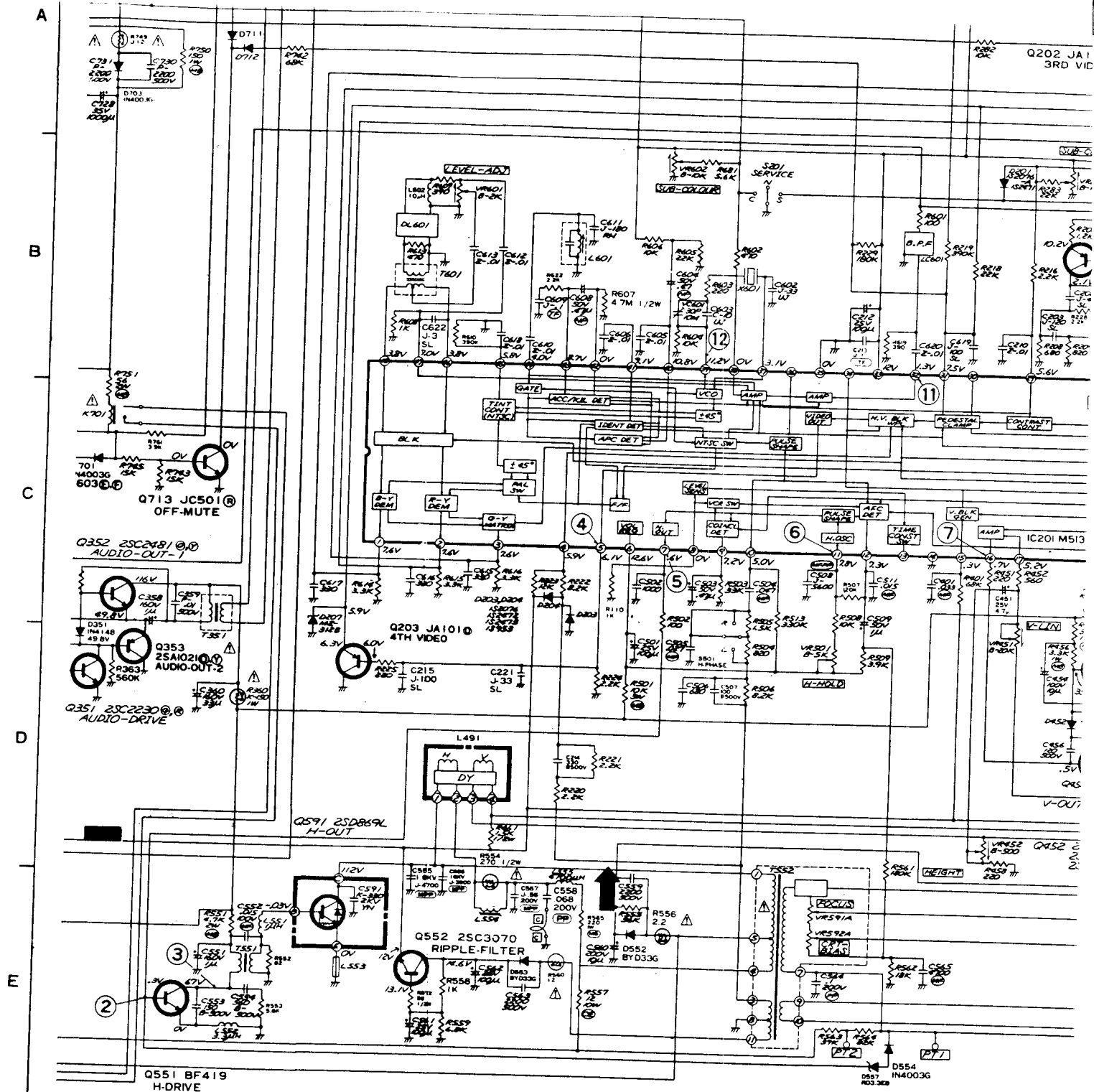
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EAMP



SYMBOLS INDICATE COMPONENTS HAVING SPECIAL



CHASSIS WAVEFORMS



1 2.0Vp-p(H)



2 1.5Vp-p(H)



3 150Vp-p(H)



4 5.2Vp-p(H)



5 1.4Vp-p(H)



6 4.4Vp-p(H)



7 1.5Vp-p(V)



8 4.0Vp



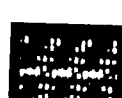
11 0.1Vp-p(H)



12 0.6Vp-p(H)



13 3.0Vp-p(H)



14 1.4Vp-p(H)



15 100Vp-p(H)



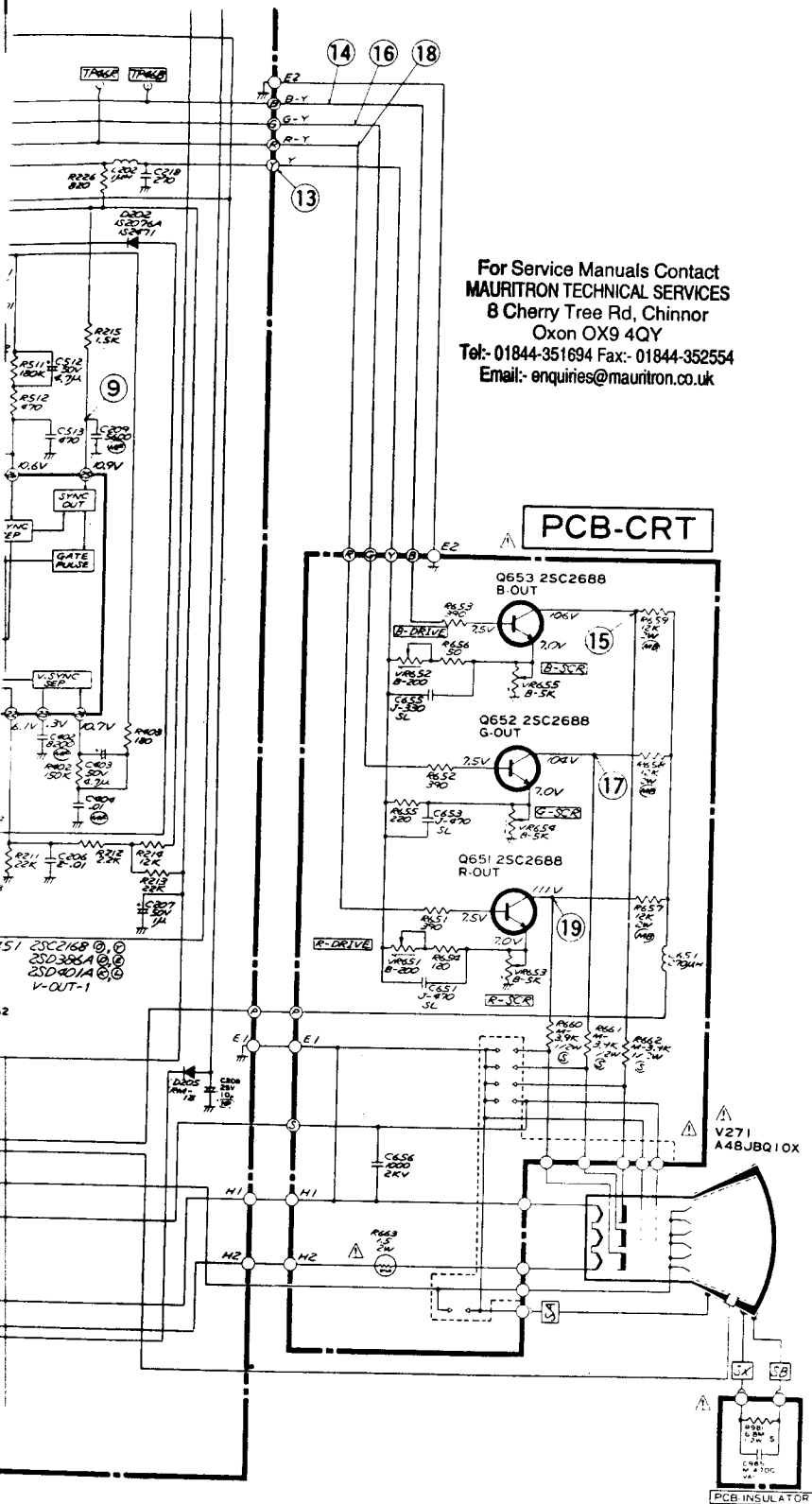
16 0.8Vp-p(H)



17 120Vp-p(H)



18 1.2Vp



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- CE Cemented resistor
- MB Metal oxide film resistor (type B)
- MPC Metal plate cement resistor
- ML Metal linear resistor
- S Fixed composition resistor
- W Wire wound resistor
- M Metal film resistor

5. The tolerance of resistor value is, if not specifically designated, is $\pm 5\%$, K = $\pm 10\%$ M = $\pm 20\%$
6. The unit of capacitance, if not specifically designated, is
 - a) μF , for numbers less than 1
 - b) PF, for numbers more than 1
7. Capacitors, if not specifically designated are Ceramic capacitors except electrolytic capacitors.
8. The marks of capacitors are as follows:
 - ALM Aluminum electrolytic capacitor
 - MF Polyester capacitor
 - PP Polypropylene film capacitor
 - TANT Tantalum capacitor
 - TF Twin film capacitor
 - MF PP Polyester polypropylene film capacitor
 - MPP Metallized plastic film capacitor
 - NP Non polarized electrolytic capacitor
 - Electrolytic capacitor
9. The DC working voltage of capacitor, if not specifically designated is: 50V
10. The tolerance of capacitor value, if not specifically designated is:
 - $\pm 10\%$ for polyester capacitor
 - $\pm 5\%$ for ceramic capacitor
 and J = $\pm 5\%$ K = $\pm 10\%$ M = $\pm 20\%$ P = $+100\%$ - 0%
 C = $\pm 0.25PF$ D = $\pm 0.5PF$ F = $\pm 1PF$ Z = $+80\%$ - 20% N = $\pm 30\%$

SPECIFIC SYMBOL

	Zener Diode		Varistor
	Varicap		Crystal unit
	Posistor		Air Gap
	Thermistor		Part (resistor) attached on the copper-foil side of PCB
	Fusible Resistor		Ceramic filter

NOTE 2:

1. DC voltages were measured from points indicated to the circuit ground with a high - Z voltmeter.
2. Waveforms were taken with PAL colour bar signal.
3. This is a basic schematic diagram. Some sets may be subject to modification according to engineering improvement.



SERVING PRECAUTION

SYMBOLS INDICATE COMPONENTS HAVING SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY AND PERFORMANCE. THEREFORE REPLACEMENT OF ANY SAFETY PARTS SHOULD BE IDENTICAL IN VALUE AND CHARACTERISTICS. FOR ACCURACY OF THE REPLACEMENT REFER TO THE PARTS LIST OF SERVICE MANUAL.

DON'T DEGRADE THE SAFETY OF THE RECEIVERS THROUGH IMPROPER SERVICING.



10 0.9Vp-p(H)