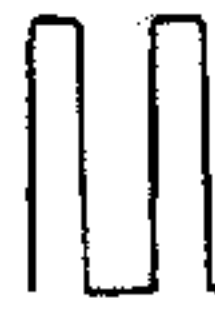
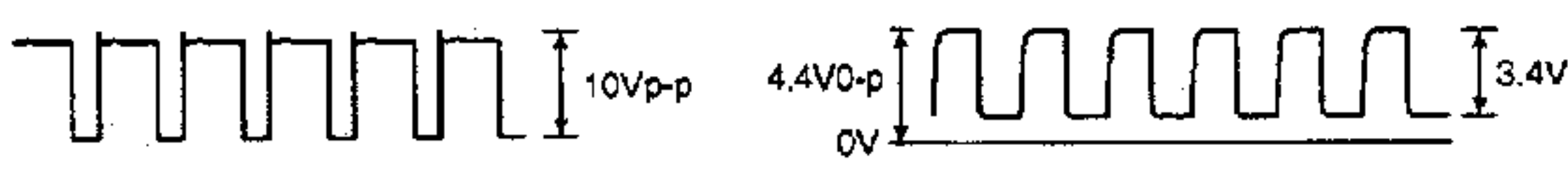
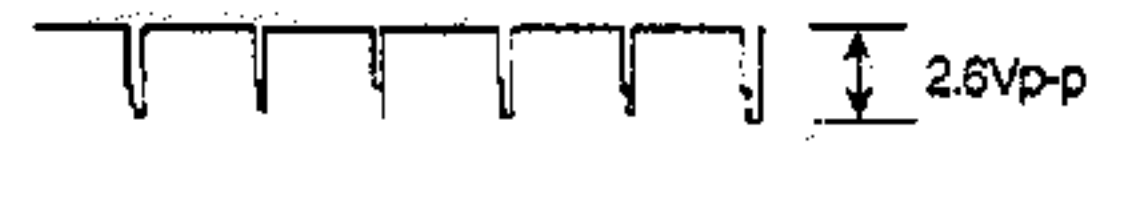
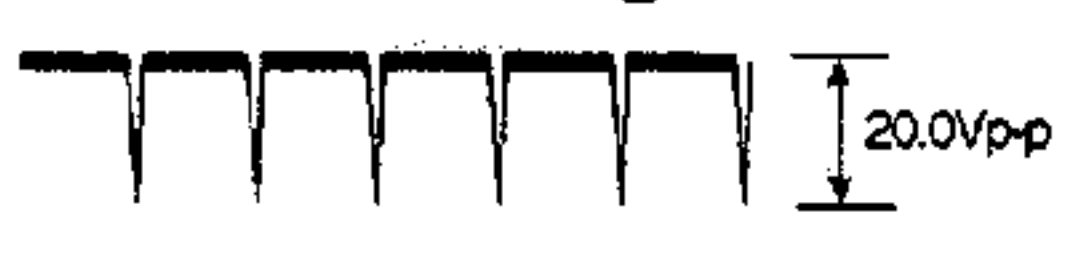
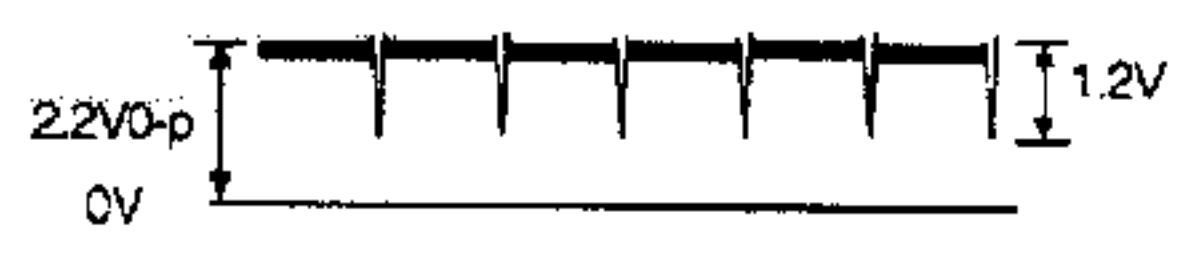
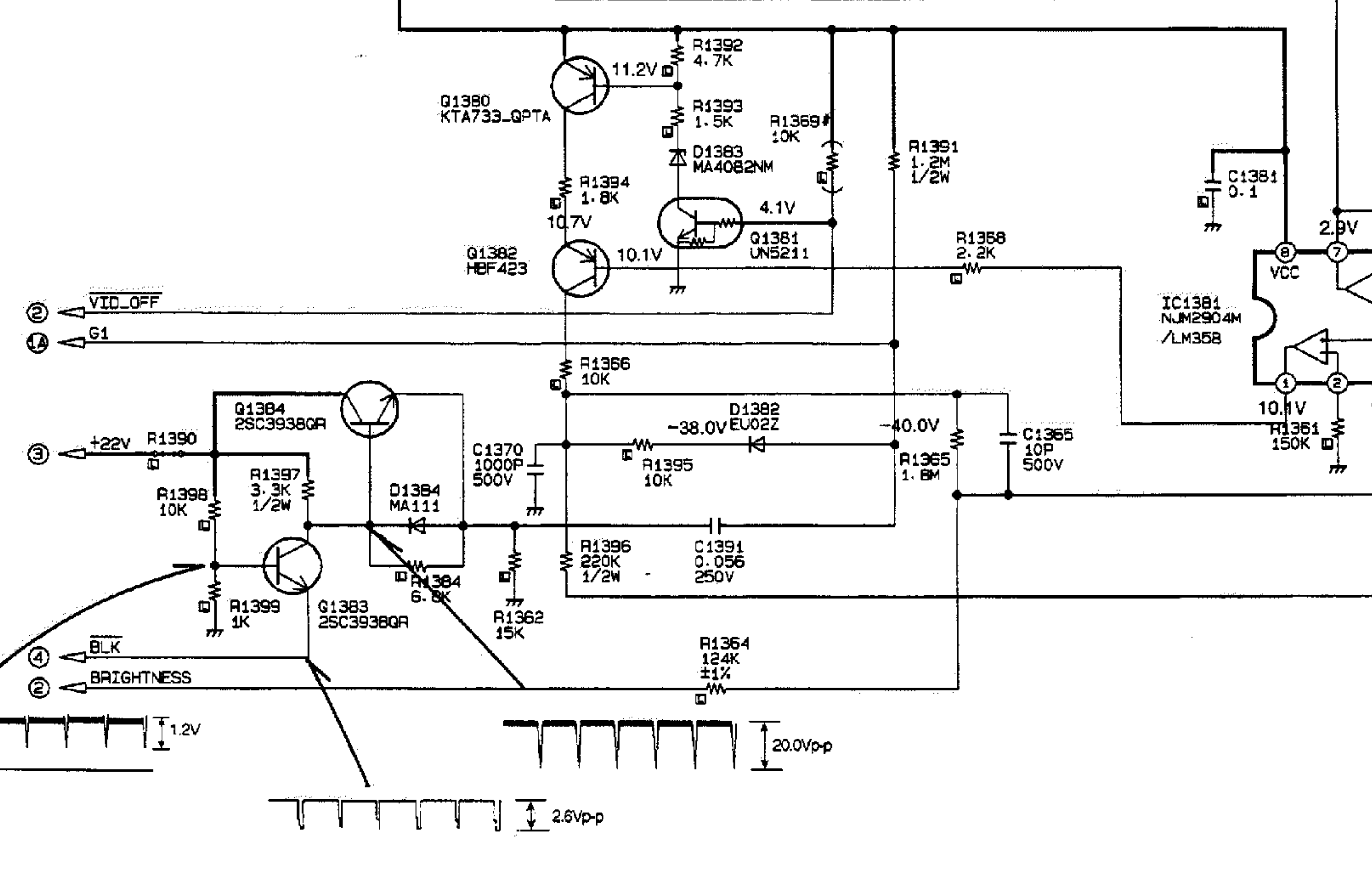
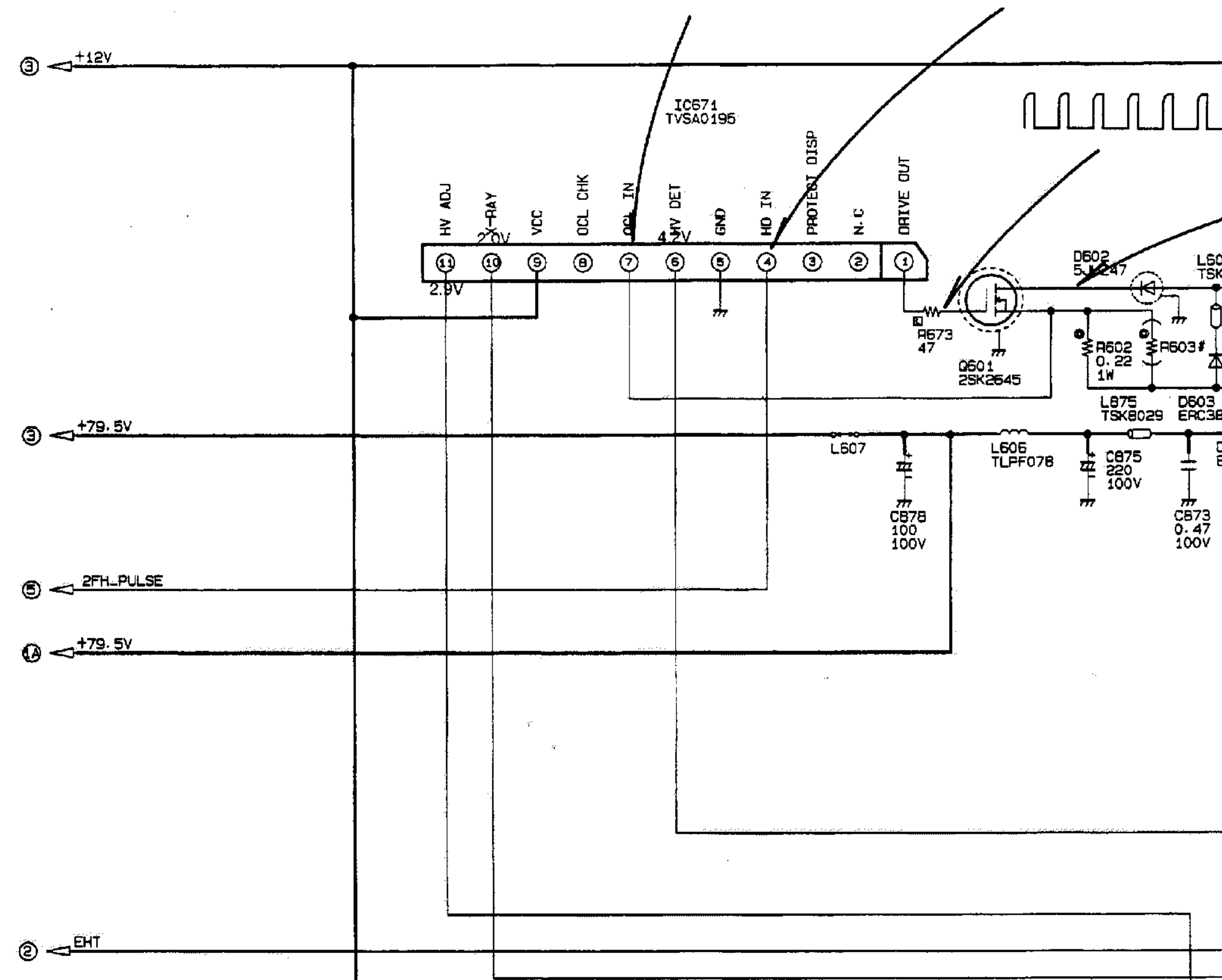
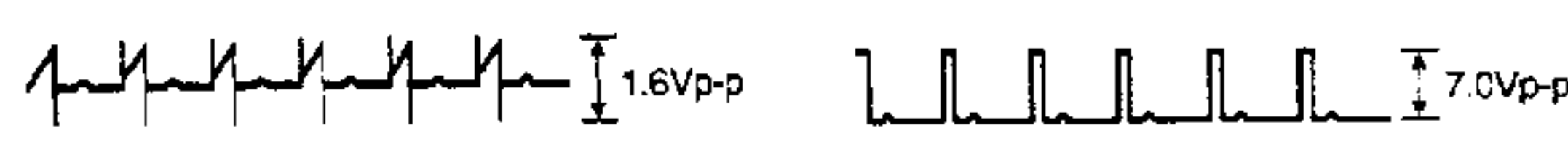


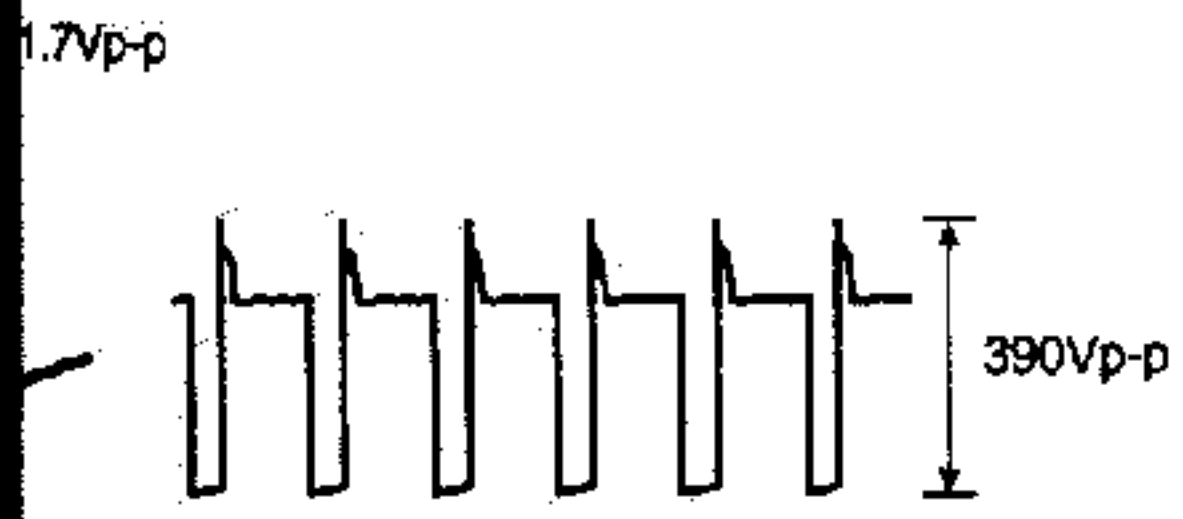
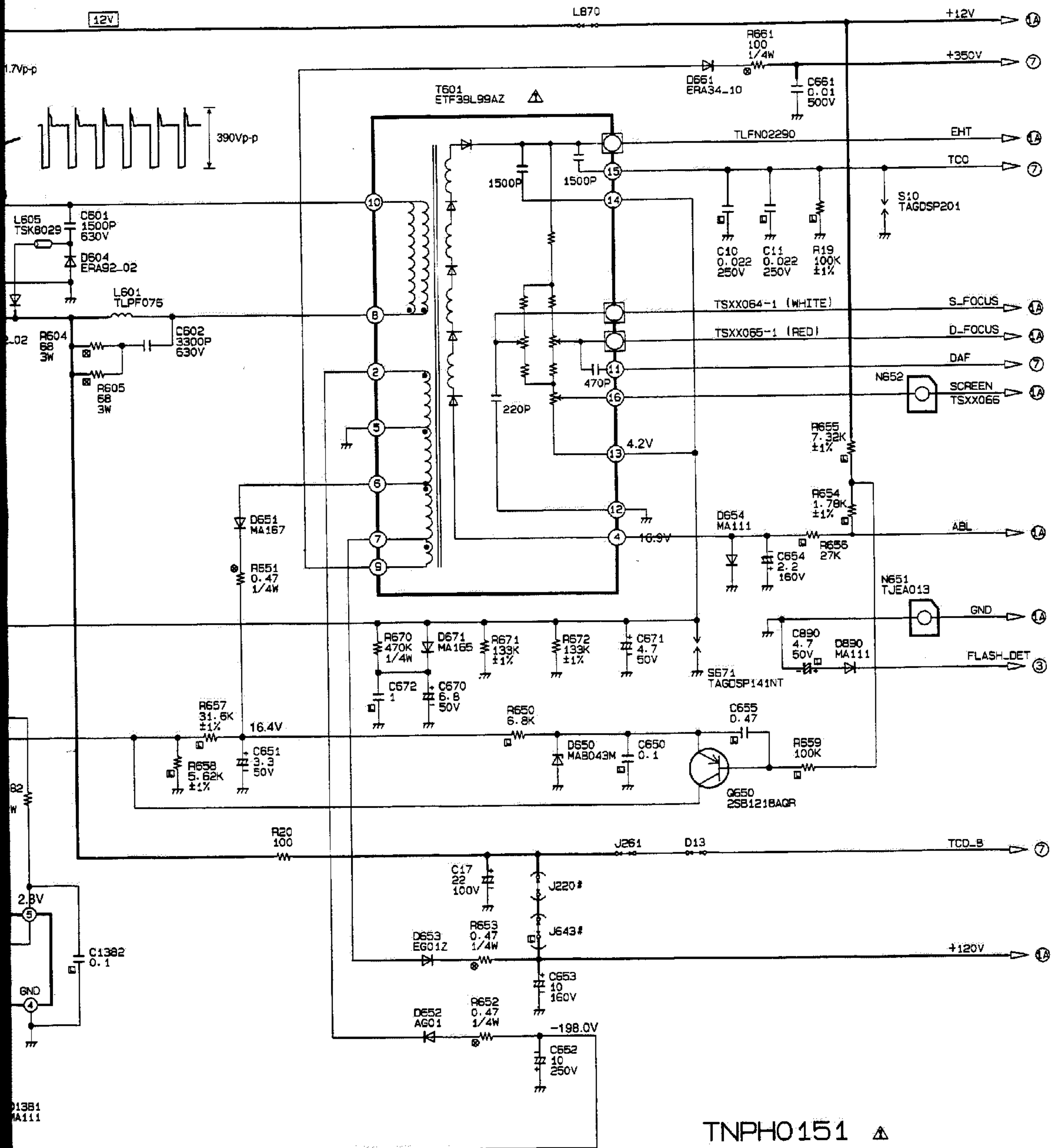
	fH
MODE-1	60.0KHz
MODE-2	31.5KHz
MODE-3	37.5KHz
MODE-4	46.9KHz
MODE-5	49.7KHz
MODE-6	56.5KHz
MODE-7	60.2KHz
MODE-8	80.0KHz

	fH	Vol
MODE-1	60.0KHz	14.6
MODE-2	31.5KHz	15.5
MODE-3	37.5KHz	15.8
MODE-4	46.9KHz	15.3
MODE-5	49.7KHz	15.6
MODE-6	56.5KHz	14.7
MODE-7	60.2KHz	14.7
MODE-8	80.0KHz	13.7

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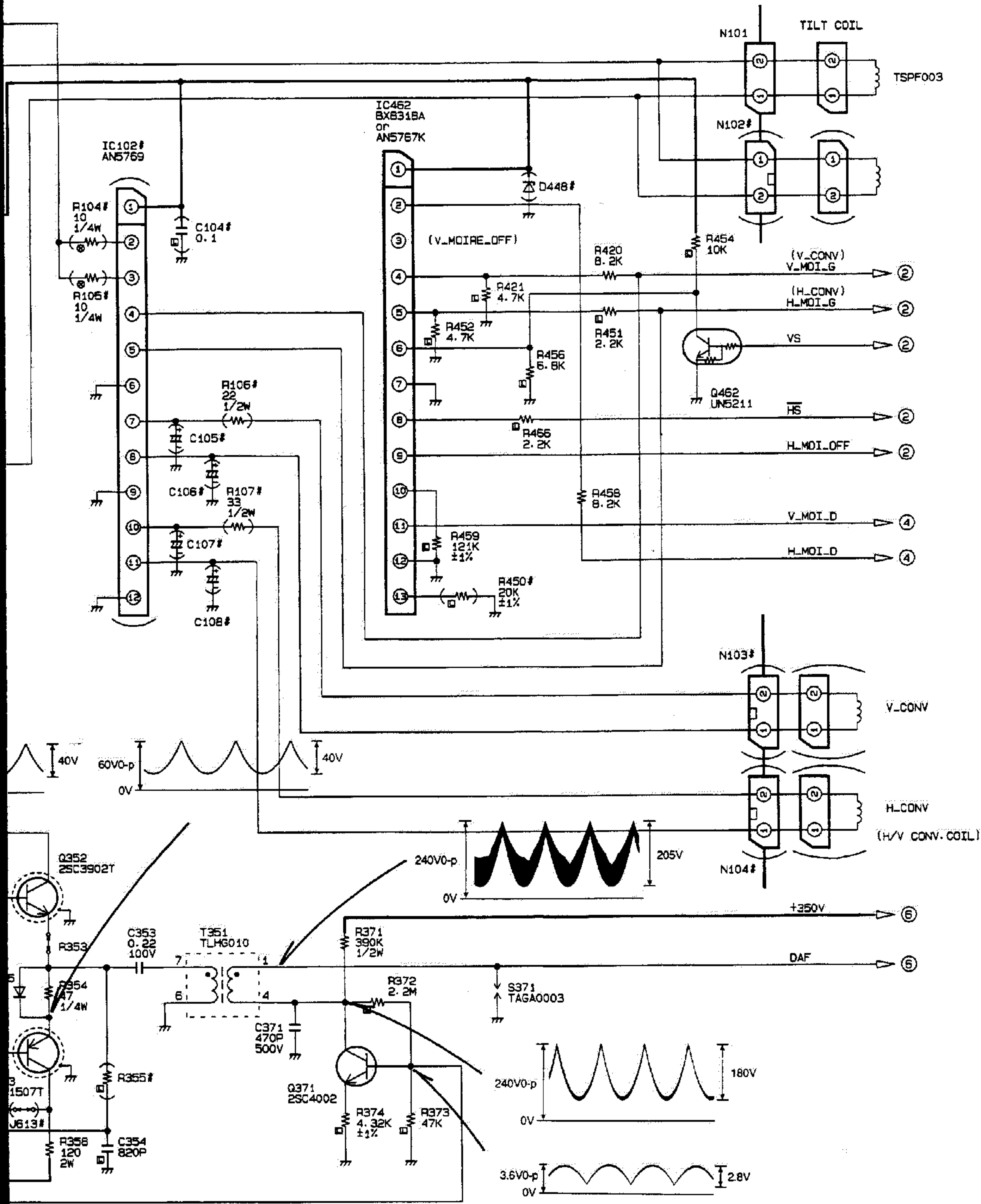






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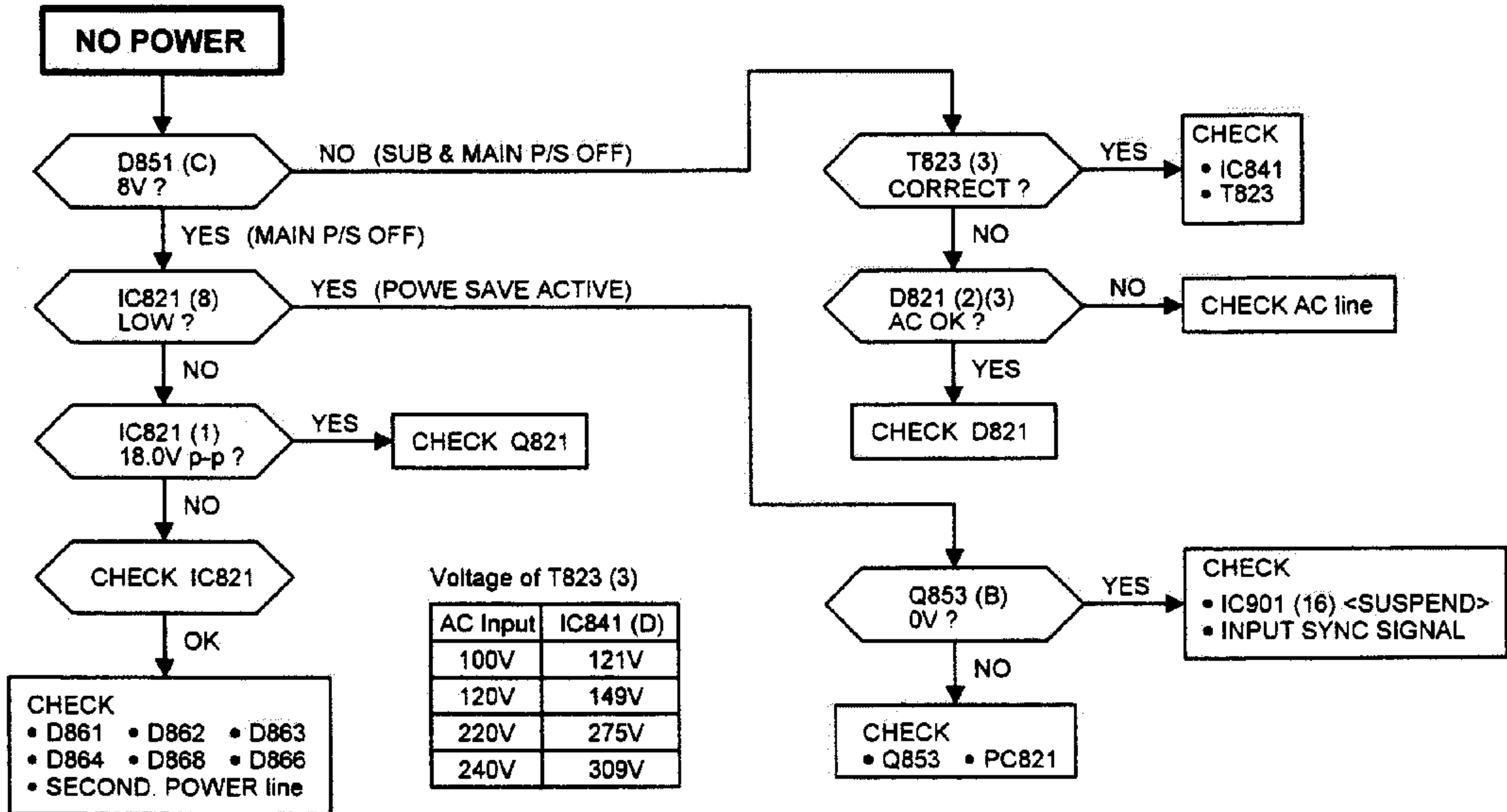
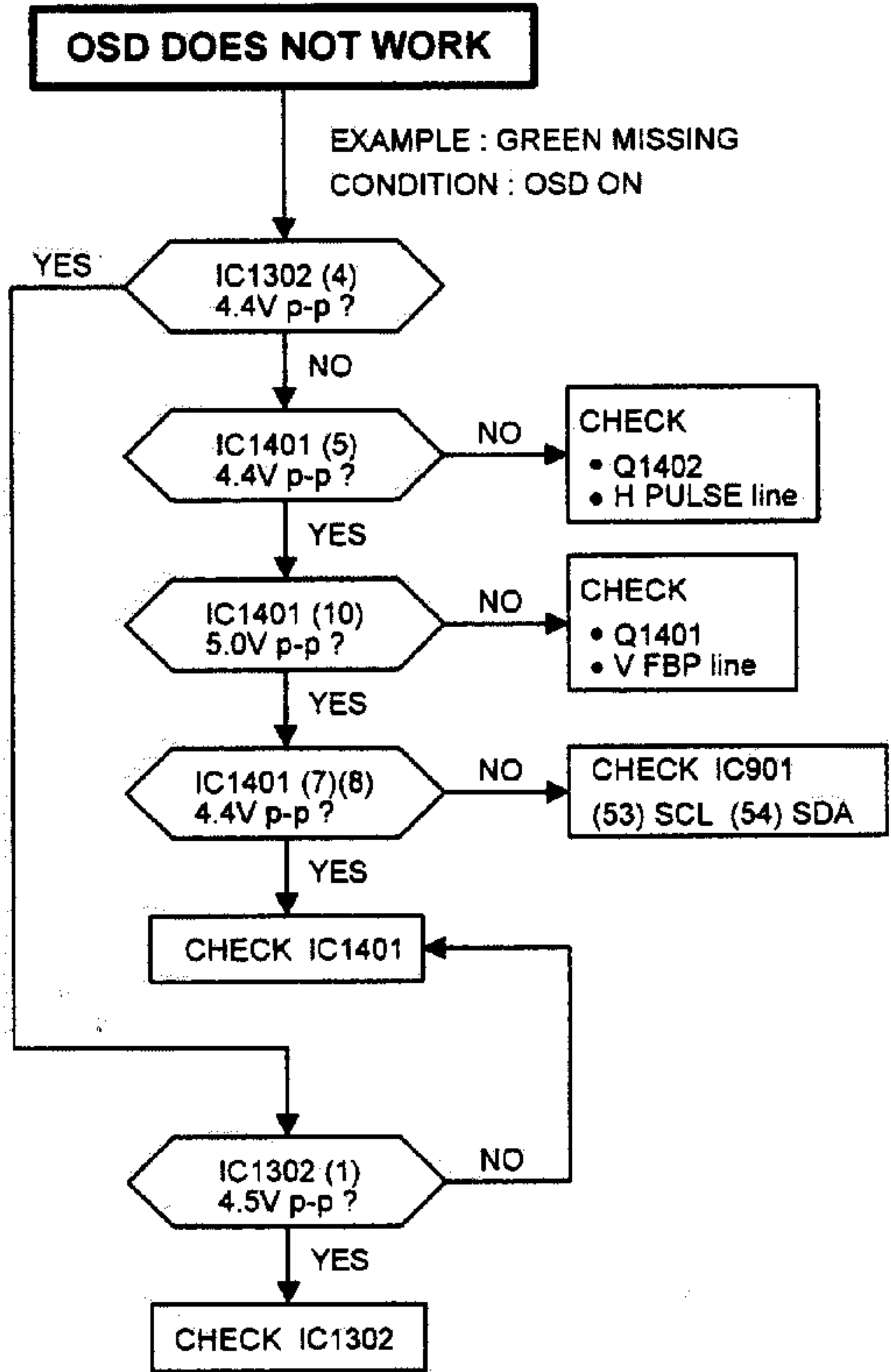
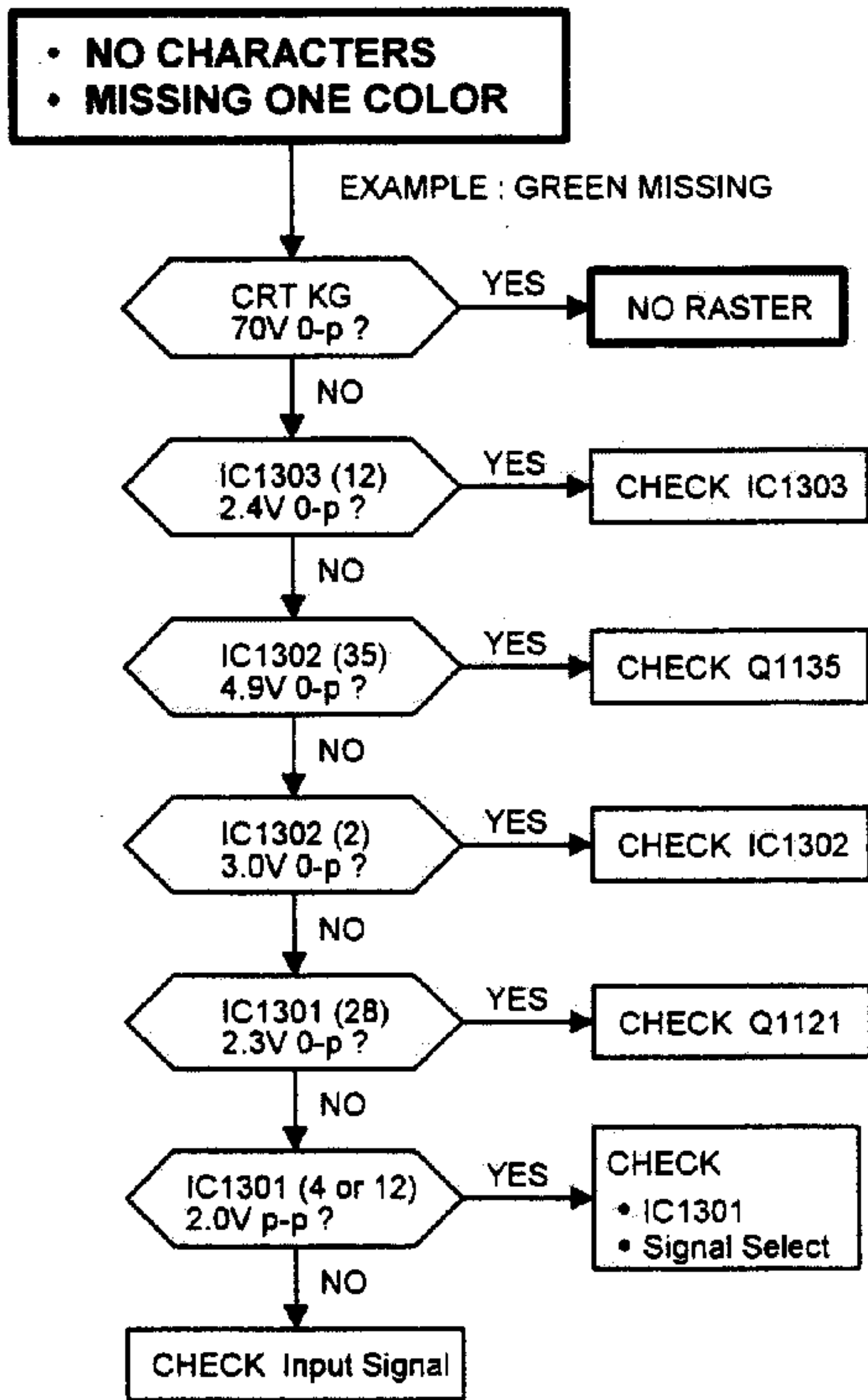
D1381 MA111

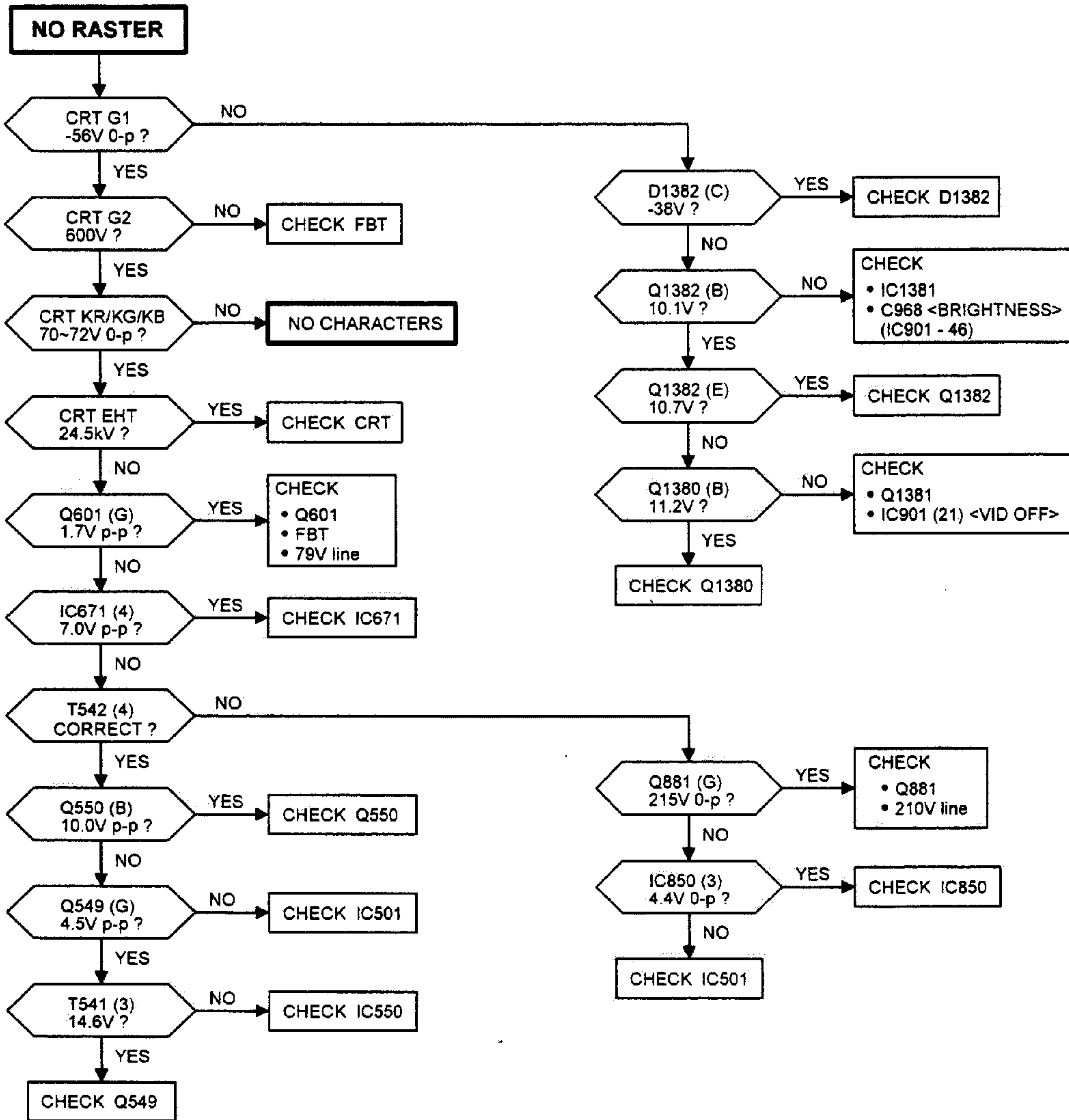


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TROUBLE SHOOTING HINTS

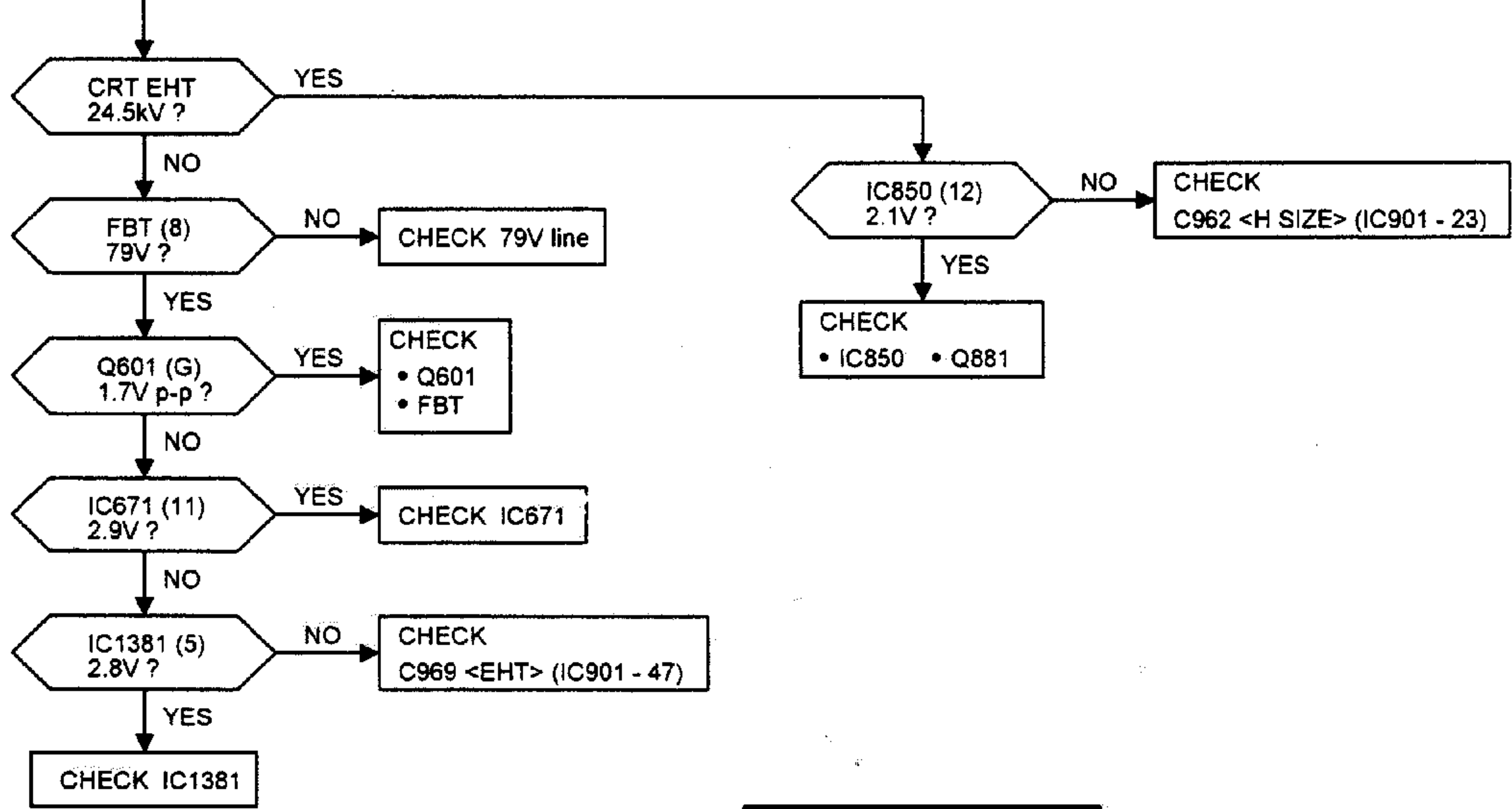




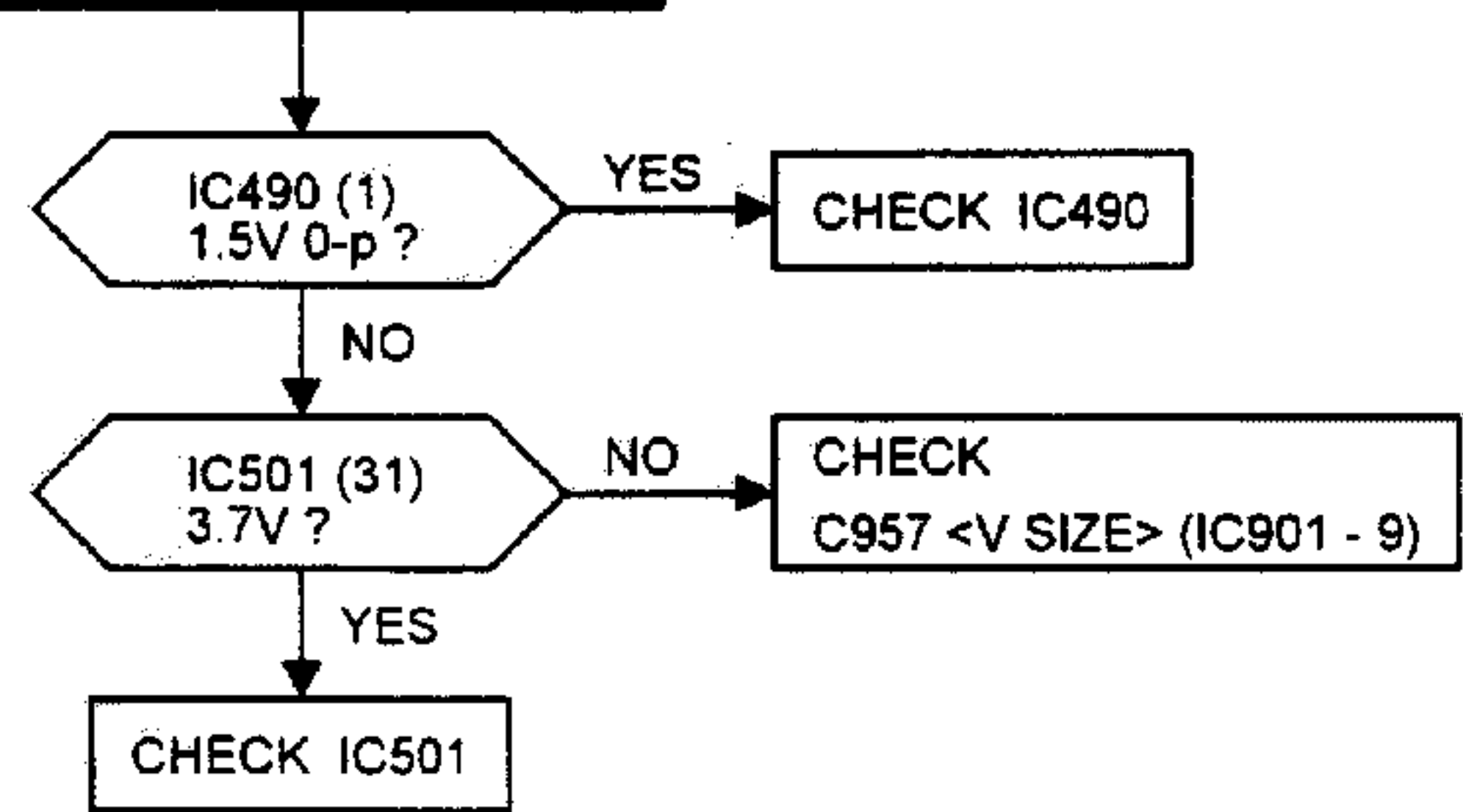
Voltage of T542 (4)

	f H	Value
MODE - 1	60.0 kHz	84.3V
MODE - 2	31.5 kHz	44.2V
MODE - 3	37.5 kHz	54.3V
MODE - 4	46.9 kHz	67.1V
MODE - 5	49.7 kHz	73.5V
MODE - 6	56.5 kHz	79.5V
MODE - 7	60.2 kHz	85.2V
MODE - 8	80.0 kHz	109.9V

INCORRECT H SIZE SIGNAL : MODE -1



INCORRECT V SIZE SIGNAL : MODE -1



Important Technical Notice

The microcontroller (IC901) will be changed beginning with August 1997 production.

Spare parts to be supplied will be those for the new microcontroller. It may be noted that some of the peripheral parts have been changed incidental to the renewal of the microcontroller.

The changes are as follows.

Ref.NO.	original	New	Description
IC901	TVRB031	TVSA0207	Micro Controller
C910	ECUV1H472KBN	-	Capacitor 4700PF → Delete
R909	ERJ6GEYJ153V	ERJ6GEYJ222V	Resistor 15kΩ → 2.2kΩ 1/10W
R914	ERJ6GEYJ153V	ERJ6GEYJ222V	Resistor 15kΩ → 2.2kΩ 1/10W

Take the following steps only when replacing the original microcontroller with the new one.

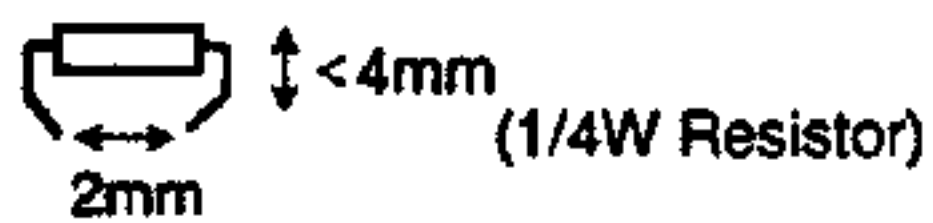
1. C910: Remove
2. R909: Replace it with a resistor of 2.2 kΩ.
3. R914: Replace it with a resistor of 2.2 kΩ.

Note:

Only spare parts for the microcontroller will be supplied. The resistors mentioned above will not be supplied.

Use general-purpose resistors of 2.2 kΩ.

If chips are not available, process discrete parts as shown below.



The Parts Location for C910, R909 and R914

