

General Information

Also Covers:
Panasonic TC-14S2R
Chassis: Z5
Remote Control:
TNQ8E0461-1 (TX-14S2T)
TNQ8E0460 (TC-14S2R)
Main Power Button:
TBX8E018

Matrix

Item	See Model
Safety Notes	Panasonic TX-14S1T
Service Adjustments	Panasonic TX-14S1T

Specifications

Power Source: 220V - 240V AC 50 Hz
Power Consumption: 43W
Aerial Impedance: 75 W unbalanced, coaxial type
Receiving System: PAL - 1 (UHF) PAL - 60
Receiving Channels: UHF E21 - E69
Intermediate Frequency: Video: 39.5 MHz
 Sound: 33.5 MHz
 Colour: 35.07 MHz (PAL)
Video/Audio Terminals:
AV1 In: Video: (21 pin) 1 Vp-p 75 W
 Audio: (21 pin) 500mVrms 10k W
 RGB: (21 pin)
AV1 Out: Video: (21 pin) 1Vp-p 75 W
 Audio: (21 pin) 500mVrms 1k W
RCA In: Video: 1Vp-p 75 W
 Audio: 500mVrms 1k W
High Voltage: 23.0kV+0.7/-1.0kV
 (zero beam current)
Picture Tube: A34EFU33x91
 36cm V 90° measured diagonally
Audio Output: Internal Speaker: 5W
 Speaker: 8 W Impedance

Service Adjustments

Safety Precautions

X-Radiation Warning

- 1: The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
- 2: When using a picture tube test jig for service ensure that the jig is capable of handling 24kV without causing X-Radiation.

Note:

It is important to use an accurate periodically calibrated high voltage meter.

- 1: Set the brightness to minimum.
- 2: Measure the high voltage. The meter should indicate: 23.0kV +0.7kV/-1.0kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
- 3: To prevent an X-Radiation possibility, it is essential to use a specified tube.

High Voltage

Preparation

- 1: receive a crosshatch pattern.
- 2: Set Contrast, Bright and Sub-bright controls to their minimum positions (zero beam current).

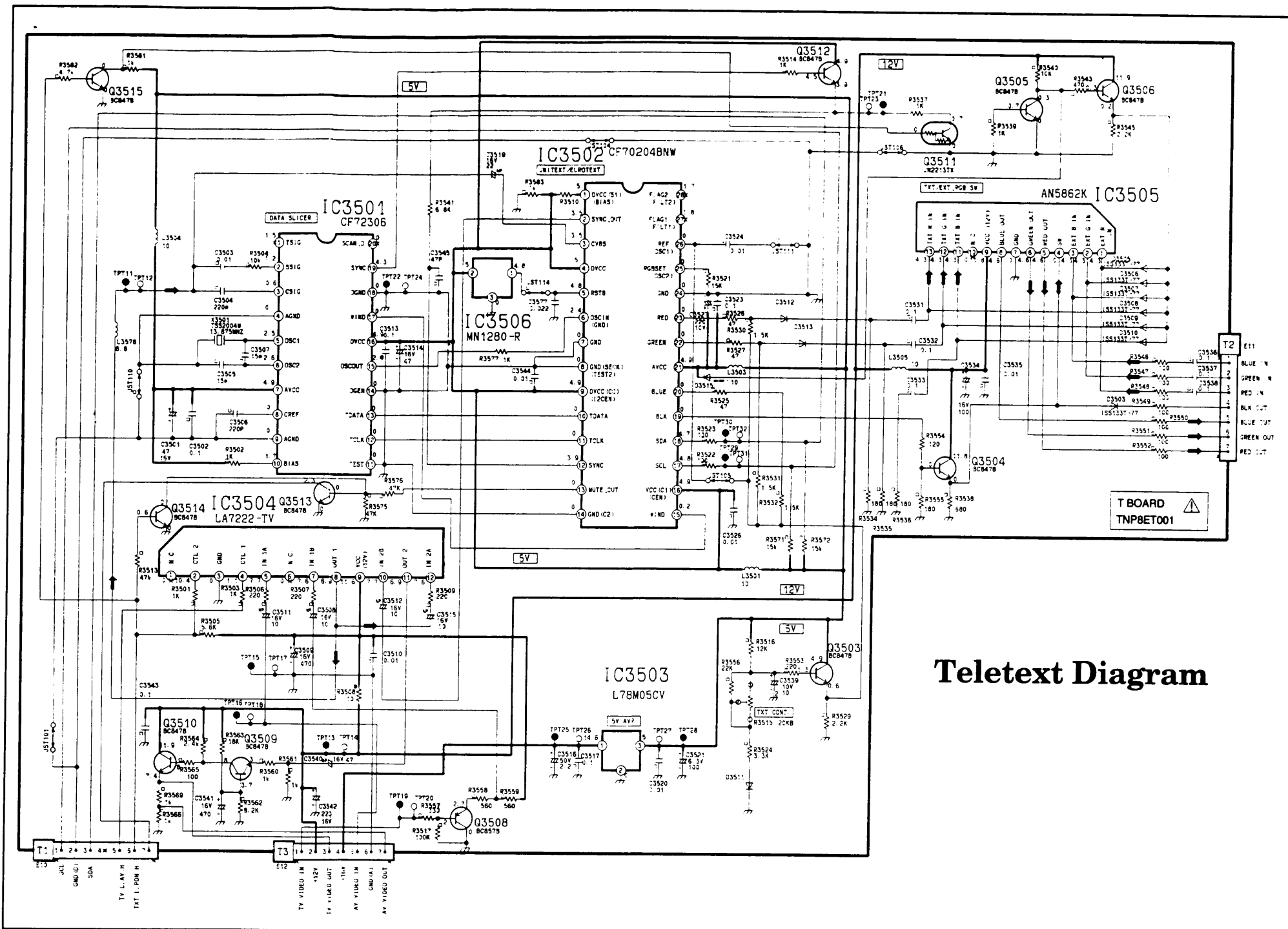
Adjustment Procedure

- 1: Connect a high voltage meter (Electrostatic type) to an anode of the picture tube.
- 2: Confirm that the high voltage is within a range of 23.0kV +0.7kV/-1.0kV.

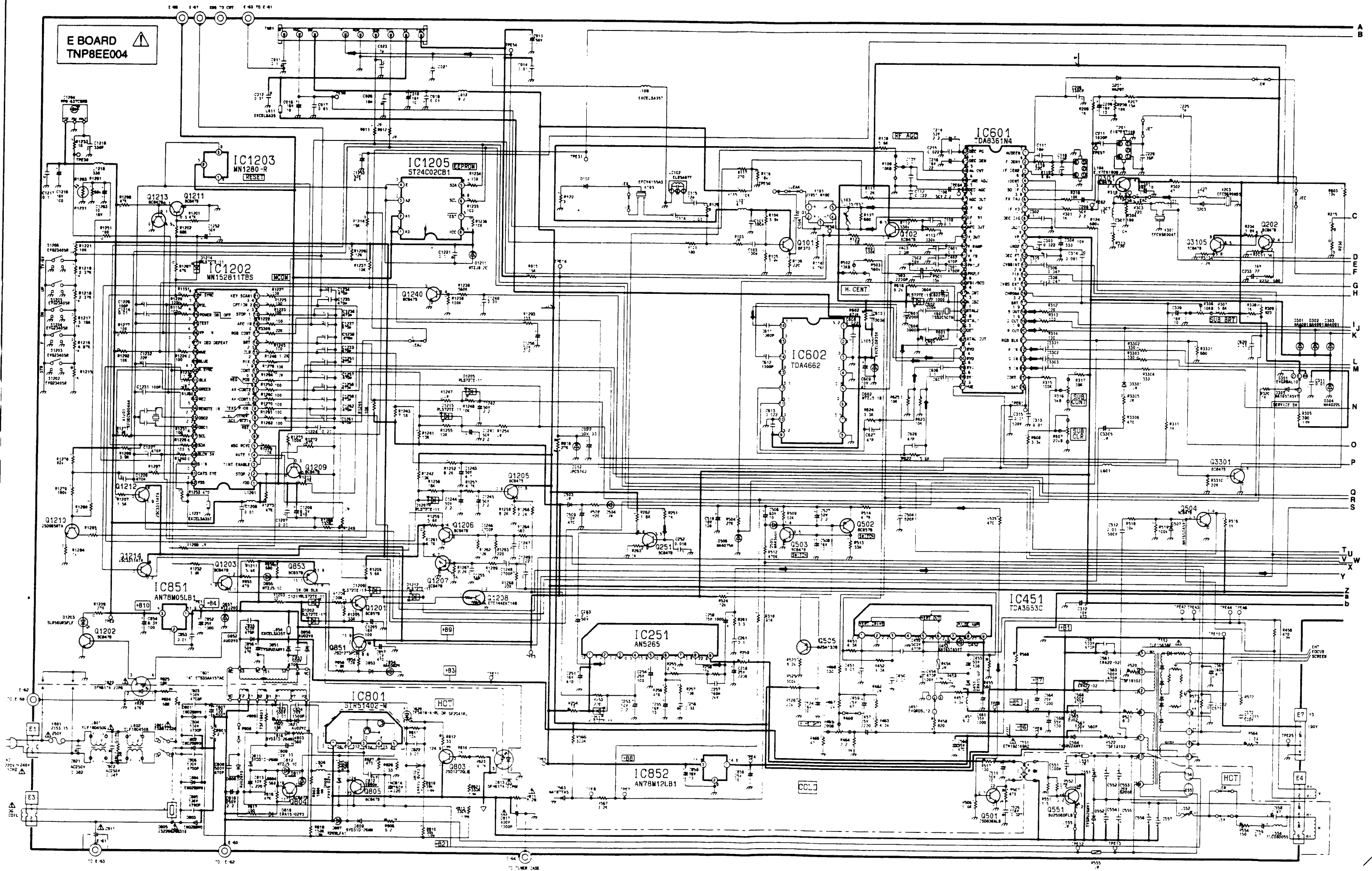
Shut Down Circuit Test

This test must be made as a final check before the set is returned to the customer.

- 1: Receive the Phillips pattern.
- 2: Check that the shut down circuit functions when -60V is applied to TPE7 but does not function when -40V is applied.

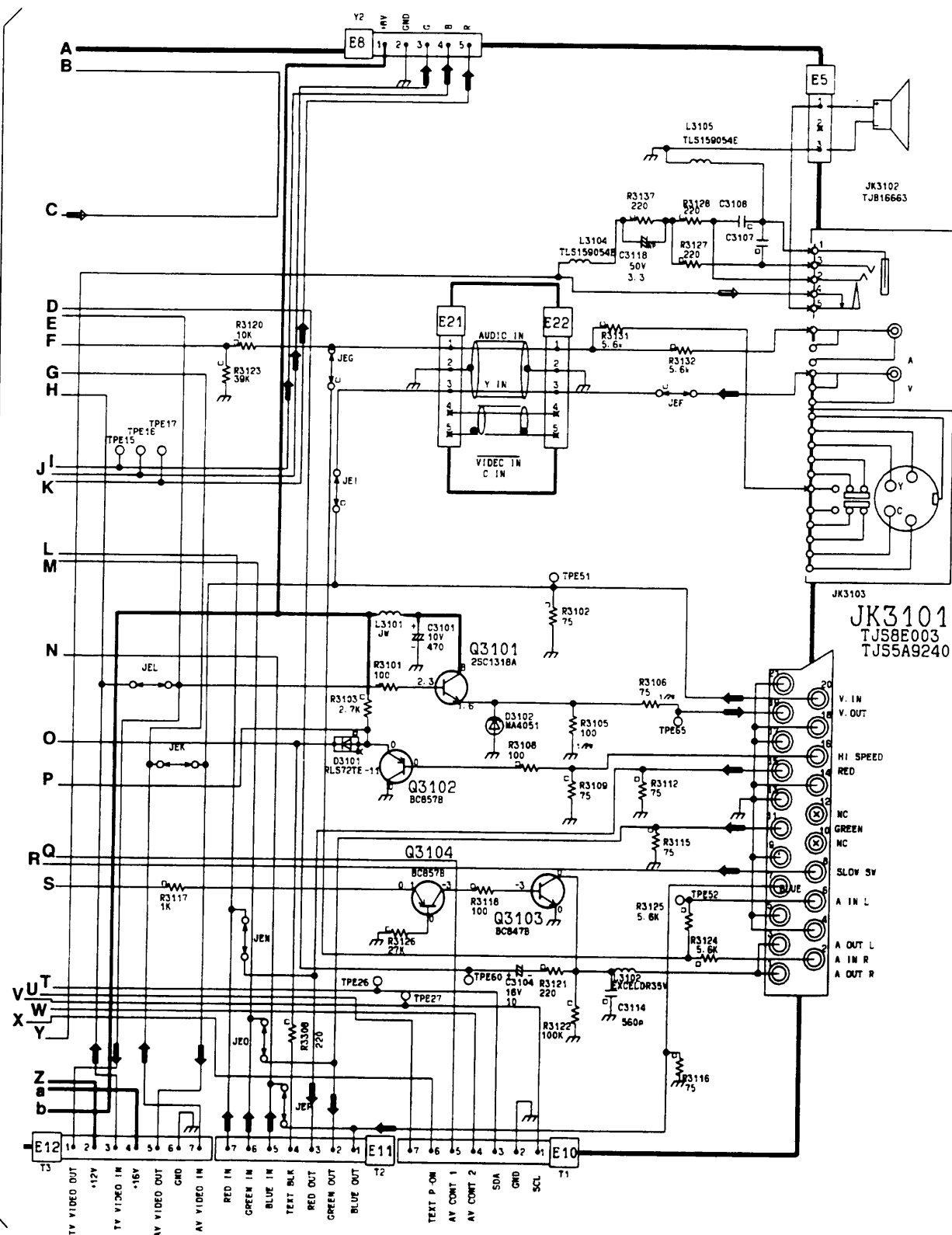


Main Diagram



Continued at 1

Main Diagram Cont'd.



CRT Diagram

