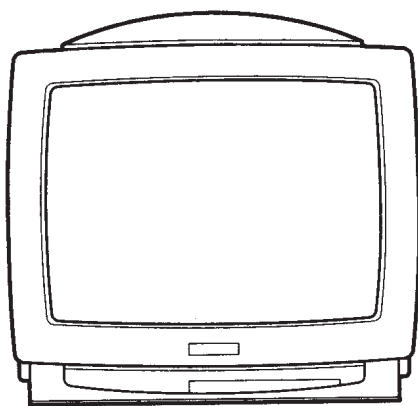


GoldStar

COLOR TV SERVICE MANUAL

CAUTION

BEFORE SERVICING THE CHASSIS, READ THE "SAFETY PRECAUTIONS"
IN THIS MANUAL.



CHASSIS: NC-4HA

MODEL: CN-14B30H/G
CN-20B30H/G

CIRCUIT DESCRIPTION

1 VIF/SIF

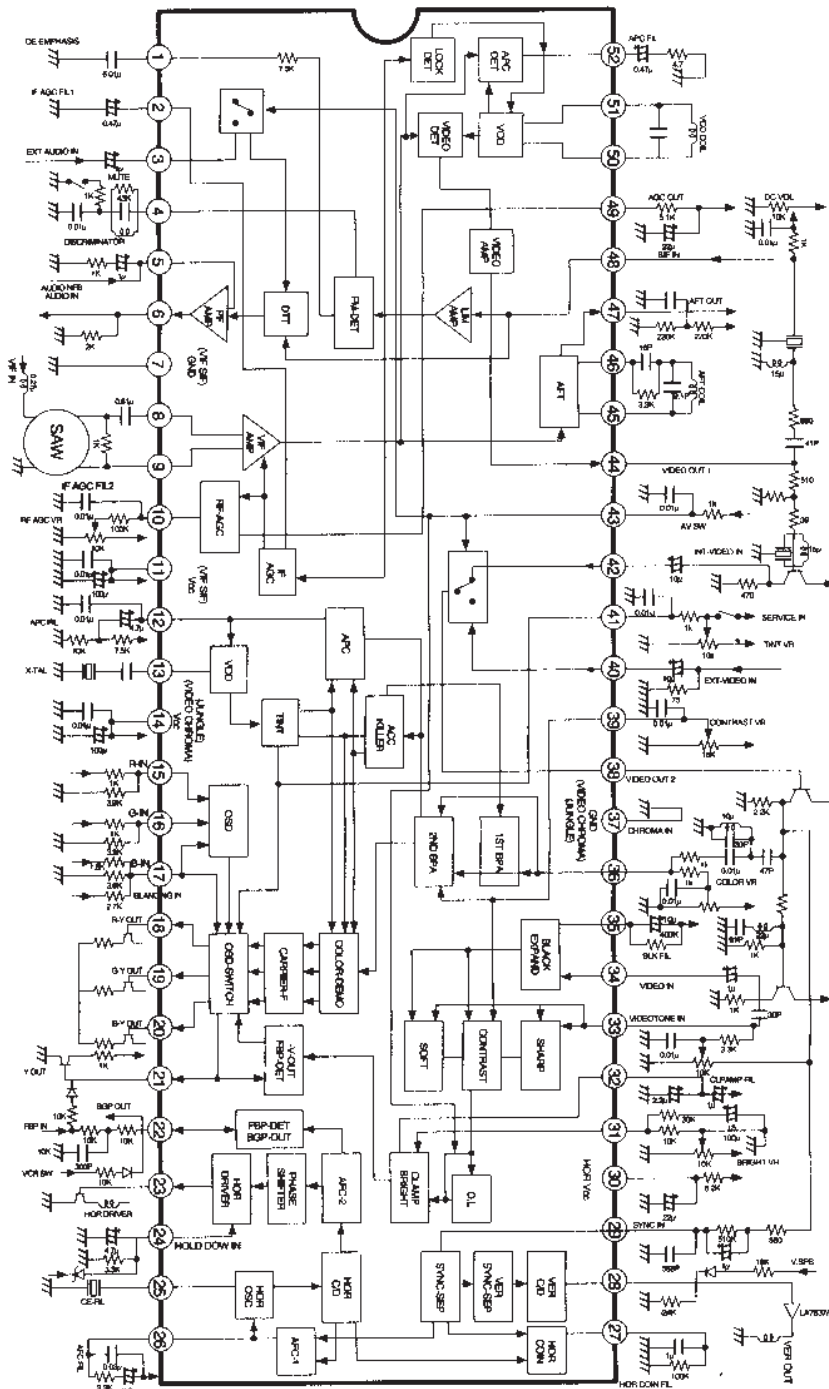
1) Description

The LA7670/7674 has PLL, Black-Expansion Circuit and On-Screen Display Function.

1. VIF/SIF Circuit is PLL system as Detection Circuit for a good sharpness and a good sound. By controlling Pulse interruption and getting a non-control Pulse Cancel Circuit, it gets a good sound system.

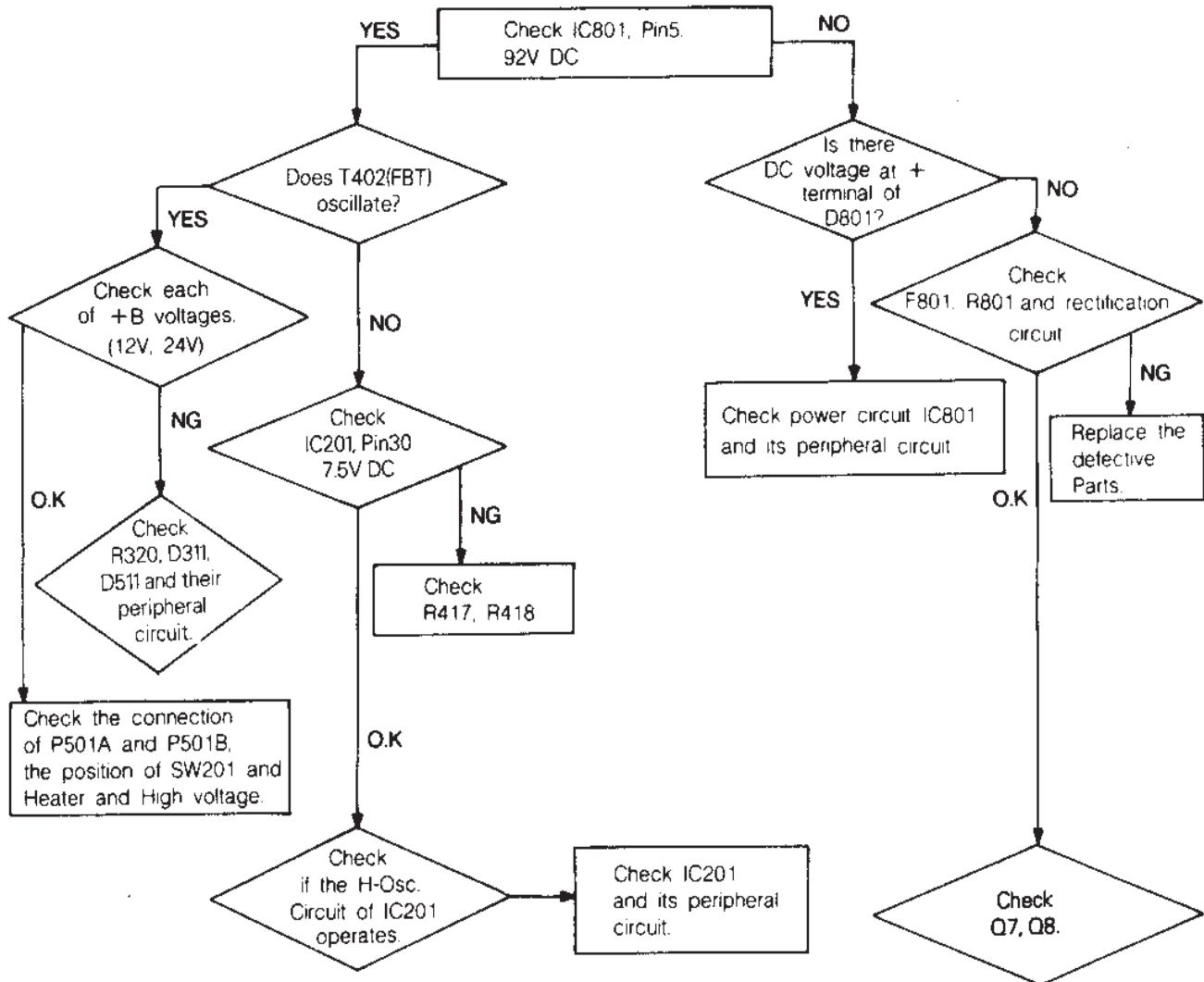
2. In Video Circuit, expands Black signal for a good sharpness. And, Bright circuit Corrects the current-transmission ratio by comparing with APL.
3. Chroma Circuit has an On-screen Display function, with R,G and B of the first blanking, to indicate all color display.

2) Block Diagram

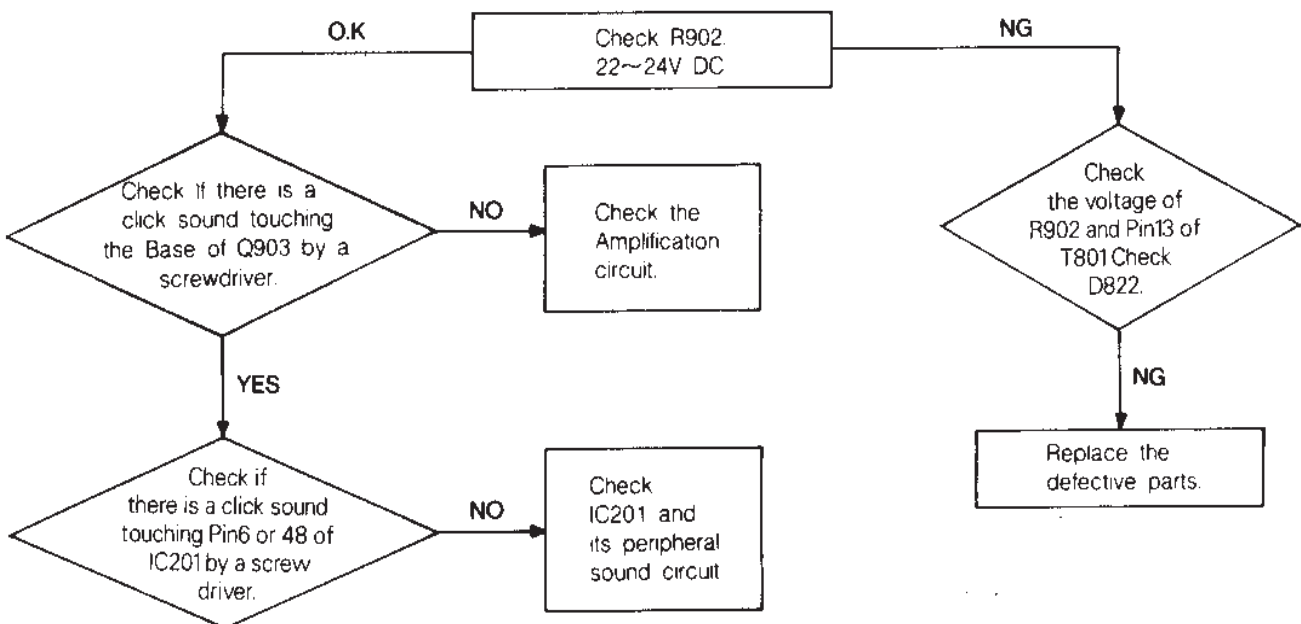


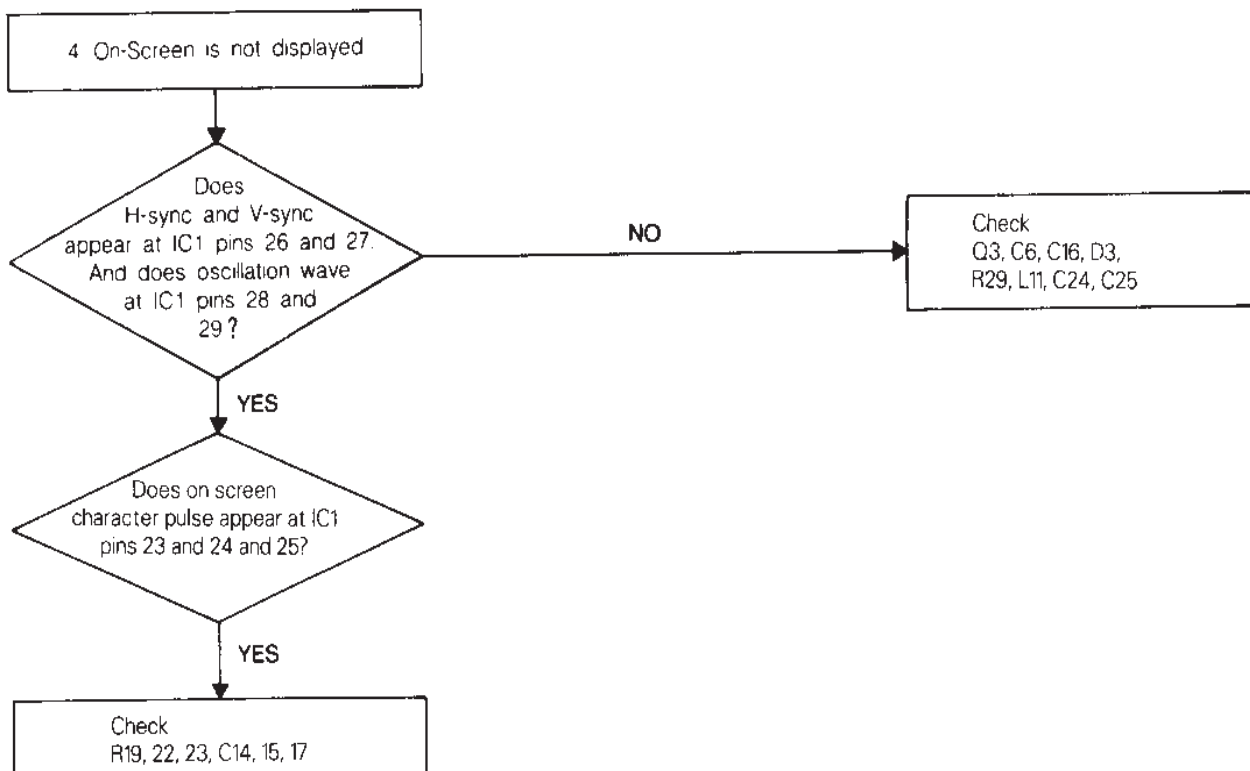
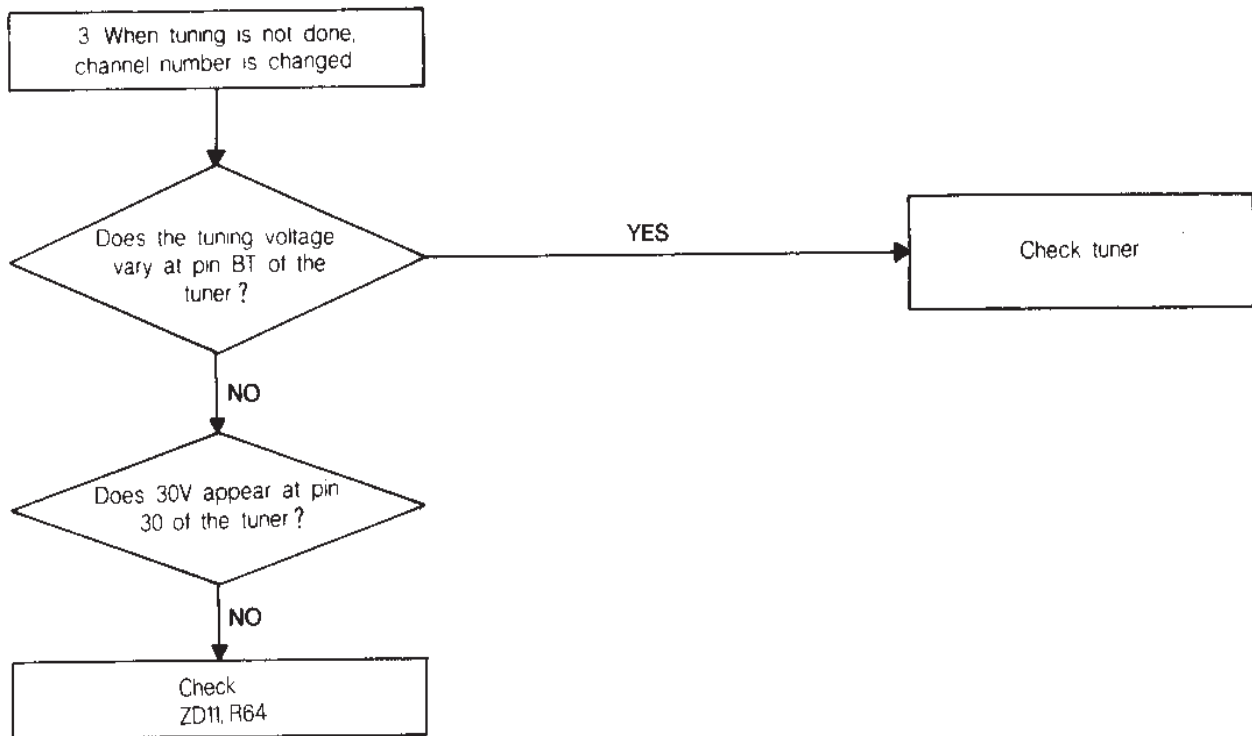
TROUBLESHOOTING HINTS

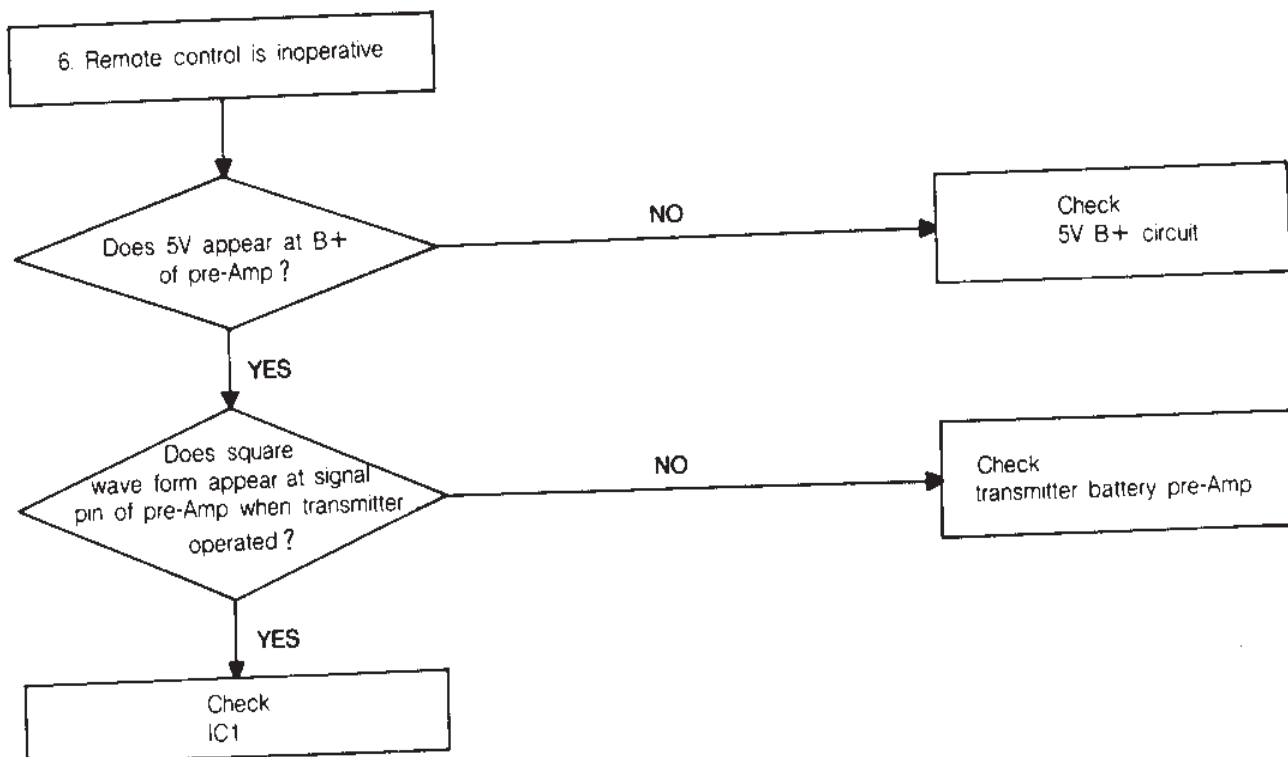
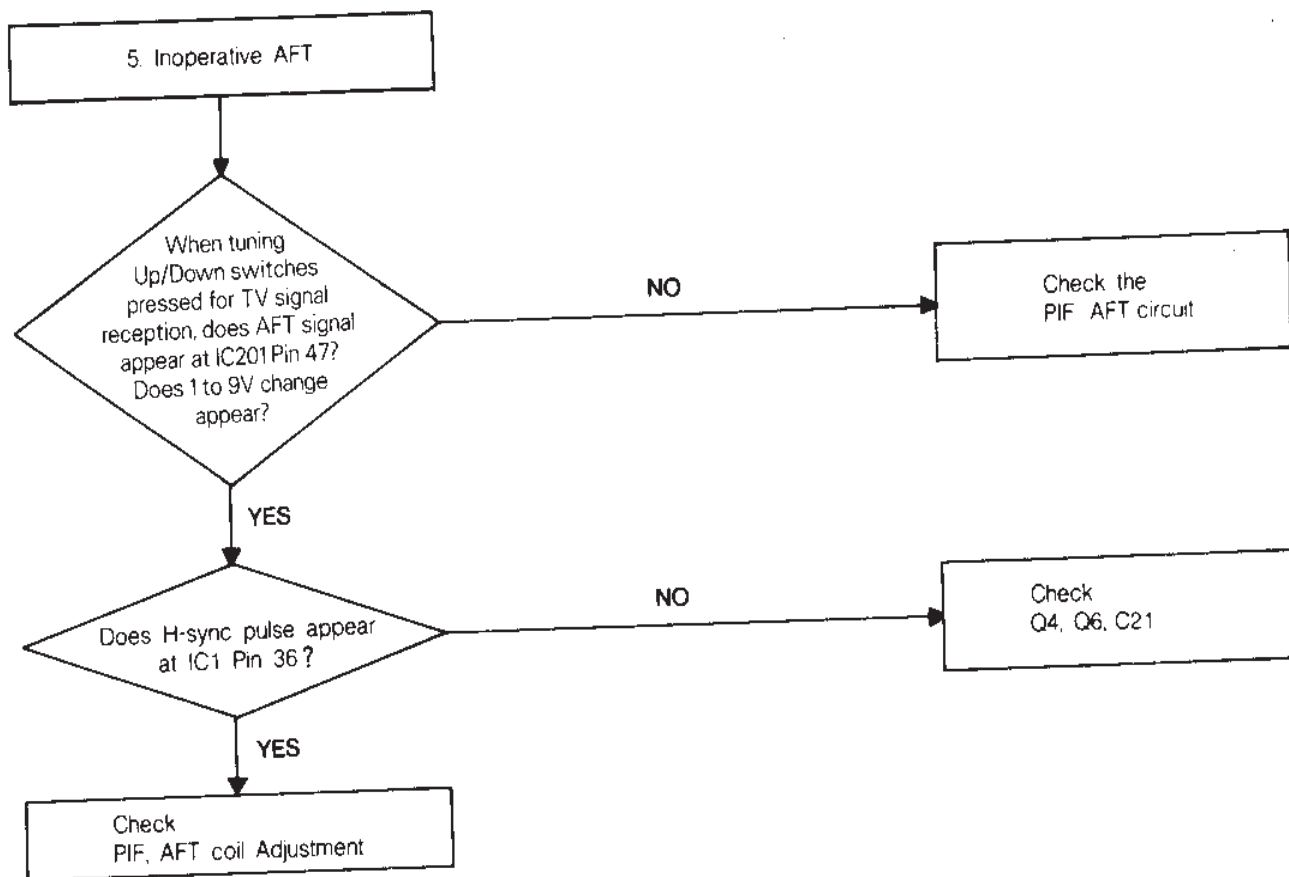
1. No Raster



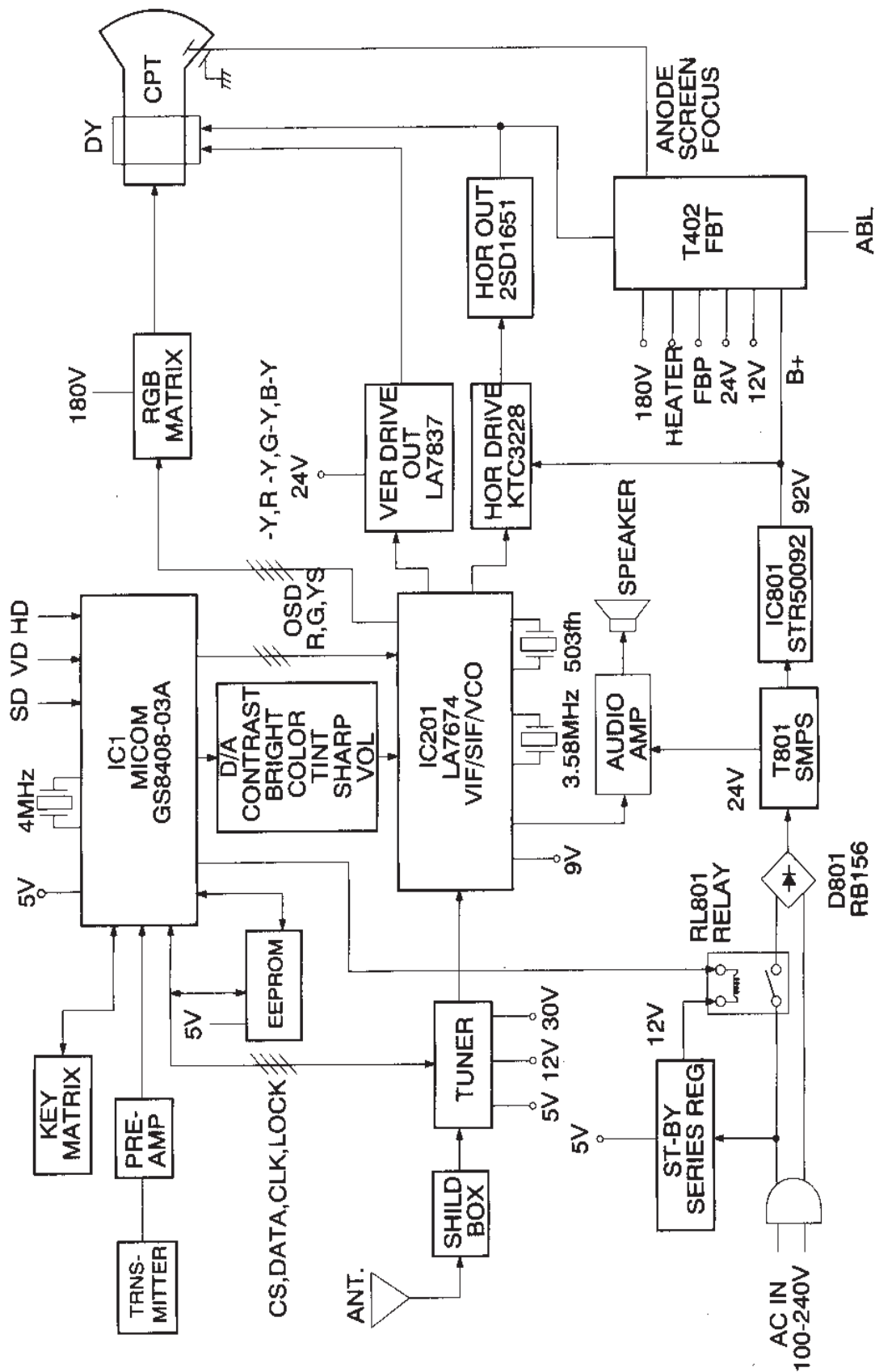
2. No Sound

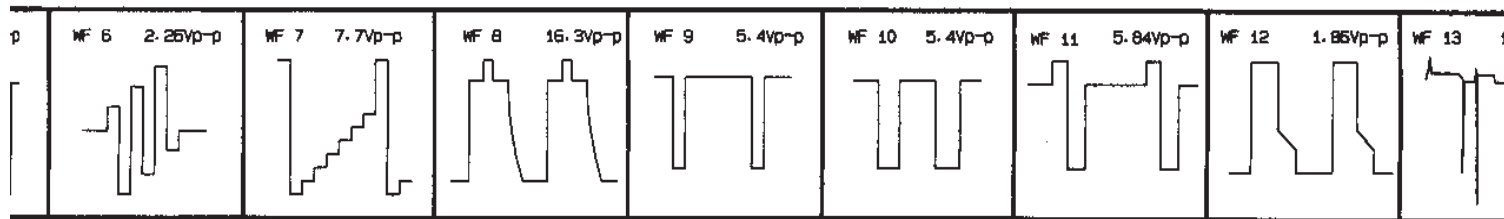




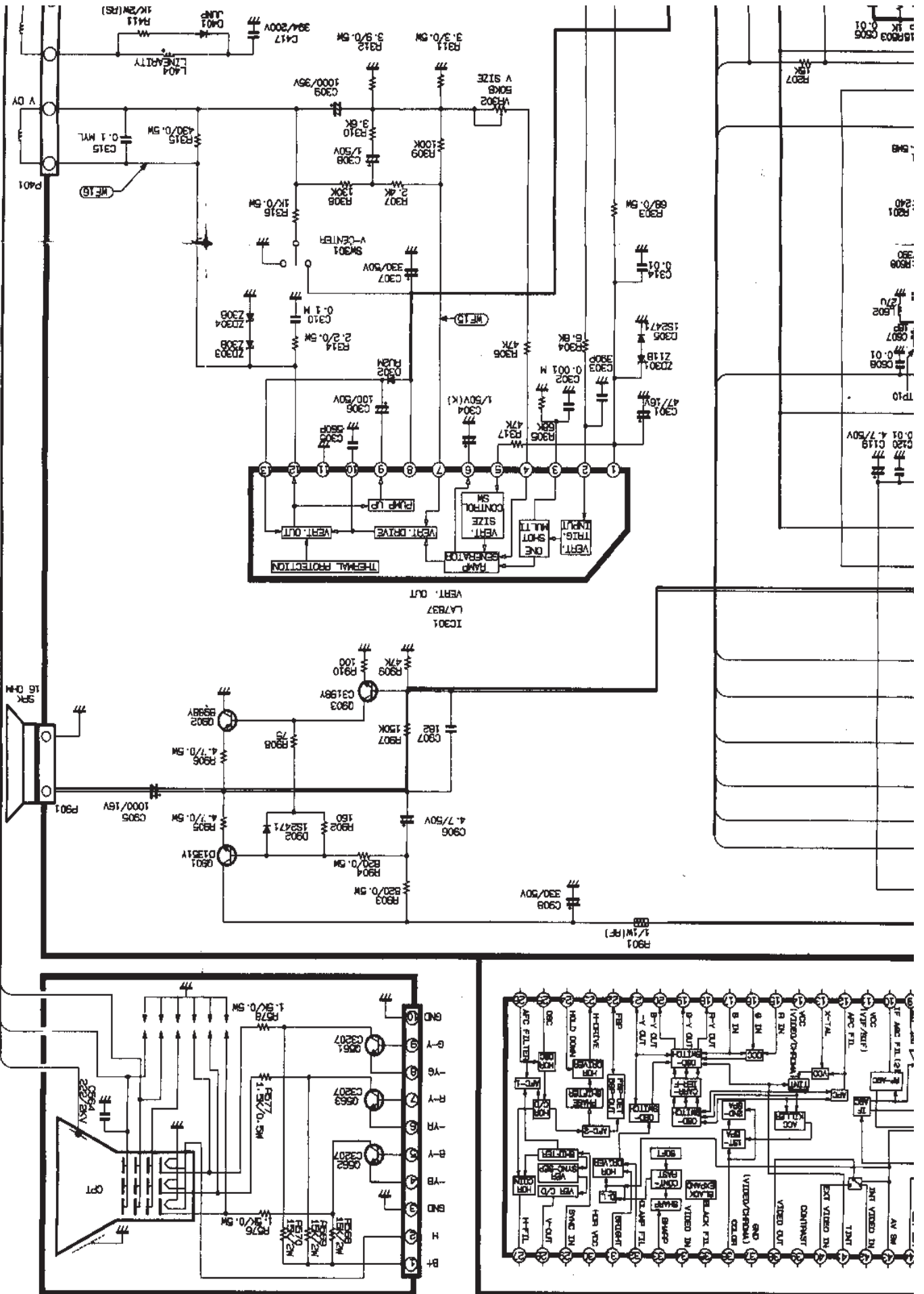


BLOCK DIAGRAM





AGRA M (1961)



CAUTION
COMPONENTS
BE REPAIRED
SPECIFICALLY
CAPABLE OF
OF THE

WARNING
RADIATION
SAFETY

NOTE

1. Post
2. Card
3. Unit
4. Expd
5. NAV
6. May to

HA SCHEMATIC DIA

