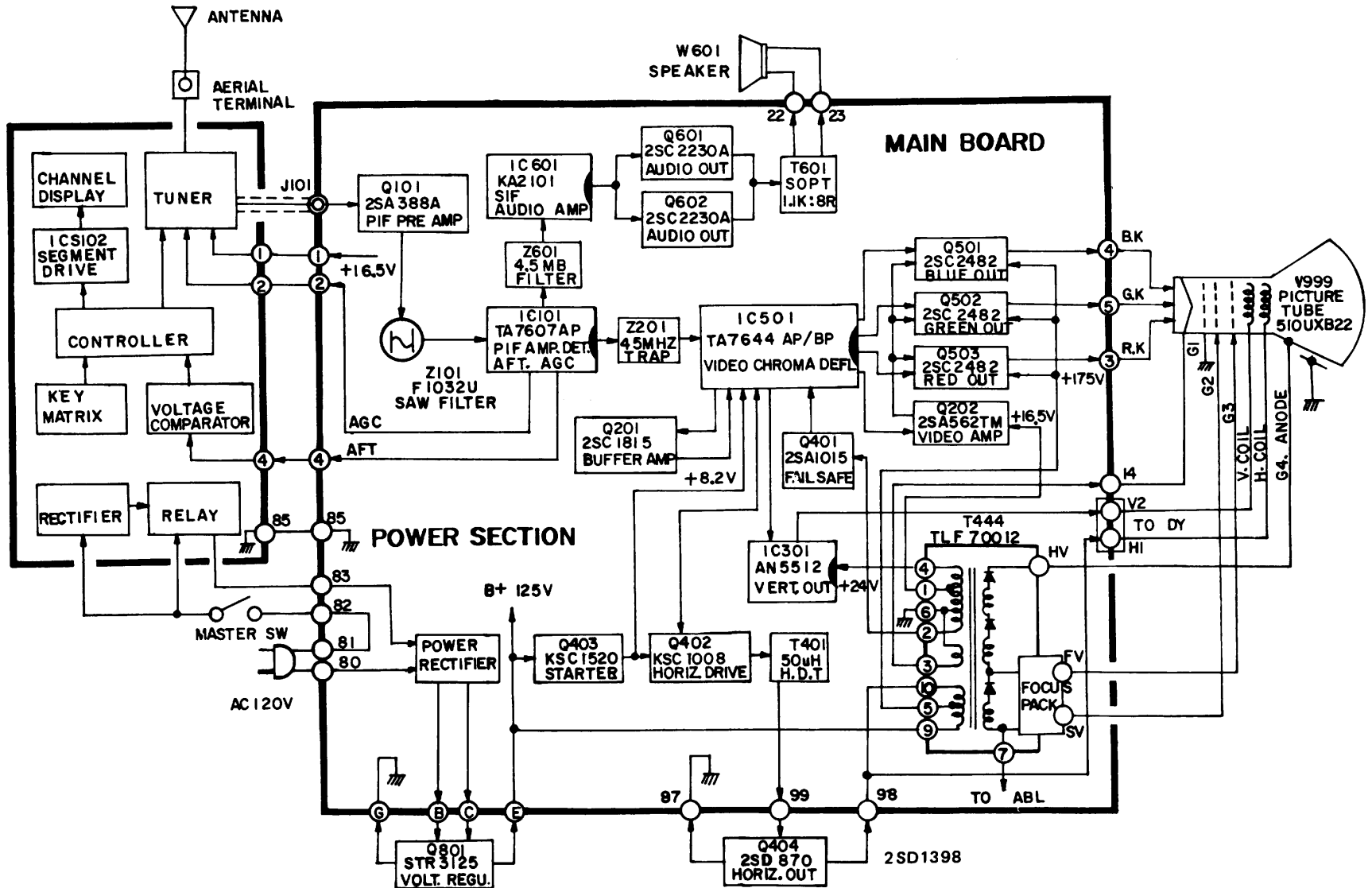
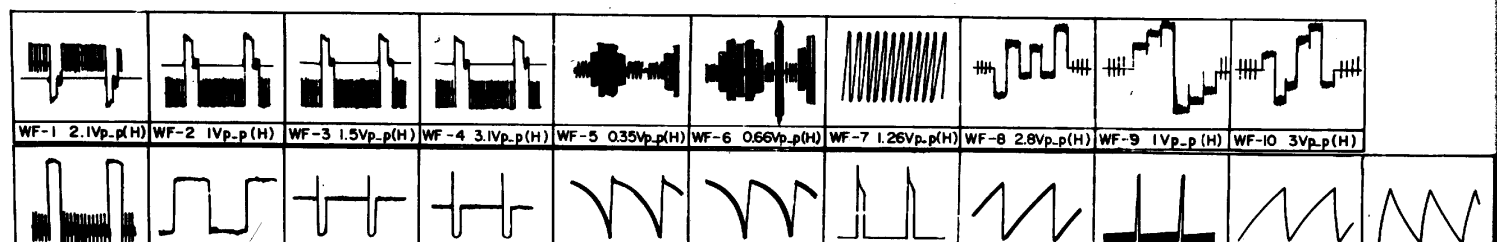
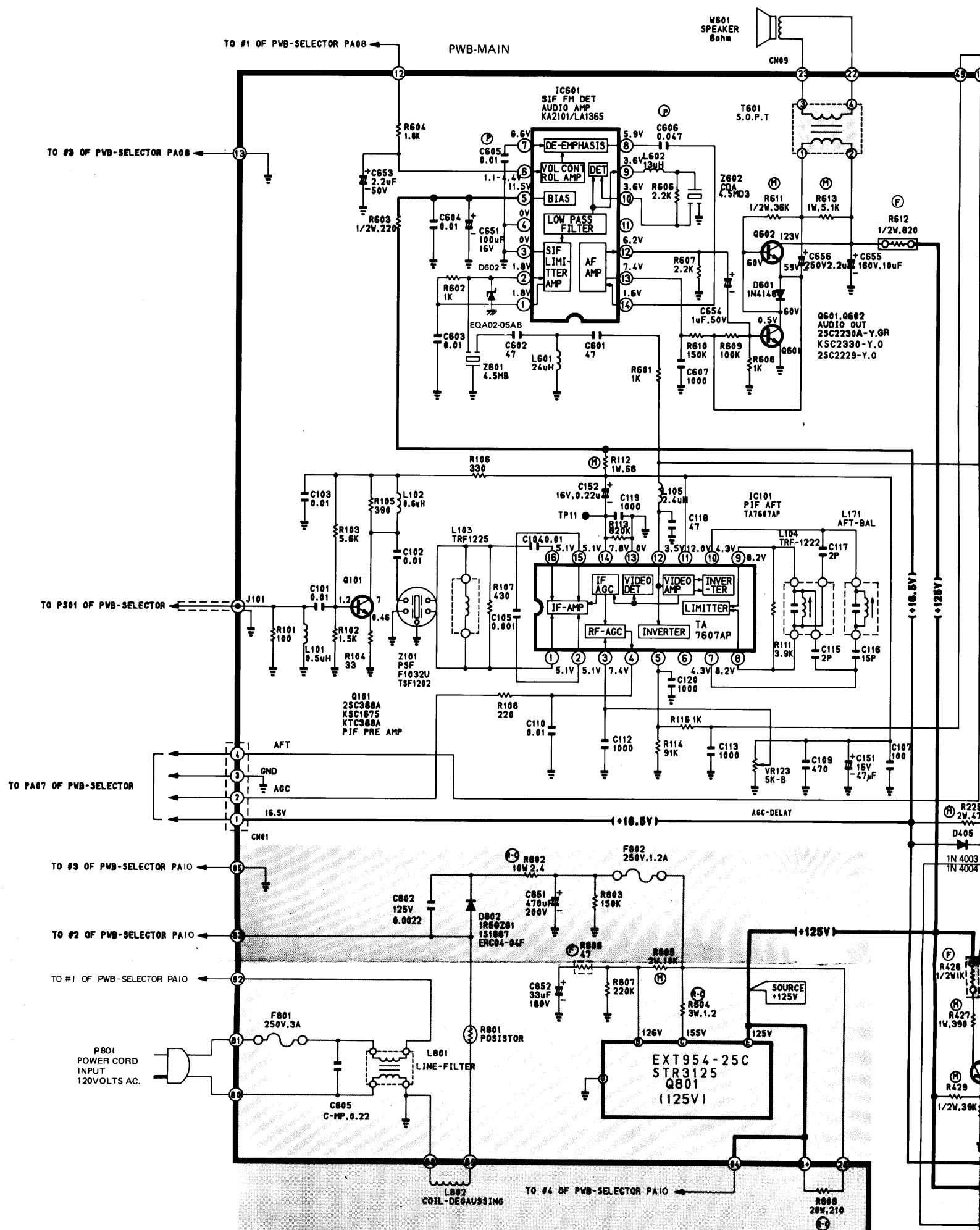


BLOCK DIAGRAM



SCHEMATIC DIAGRAM
CHASSIS NO.: 20 K 20

AVERTISSEMENT : CE RECEPTEUR EST EQUIPE DE COMPOSANTS CRITIQUES POUR LA SECURITE. TOUTES LES PIECES INDIQUEES DANS LES ZONES OMBREES DU SCHEMA SONT CRITIQUES POUR LA SECURITE. POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL NE REMPLACER LES COMPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT. CONSULTER LA NOMENCLATURE DES PIECES POUR TROUVER LES PIECES DE RECHANGE EXACTES"



AL COMPONENTS. ALL PARTS SHOWN IN
CRITICAL FOR CONTINUED SAFETY. REPLACE
URER'S RECOMMENDED PARTS, REFER TO

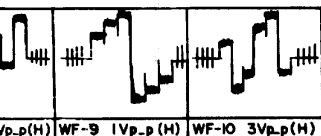
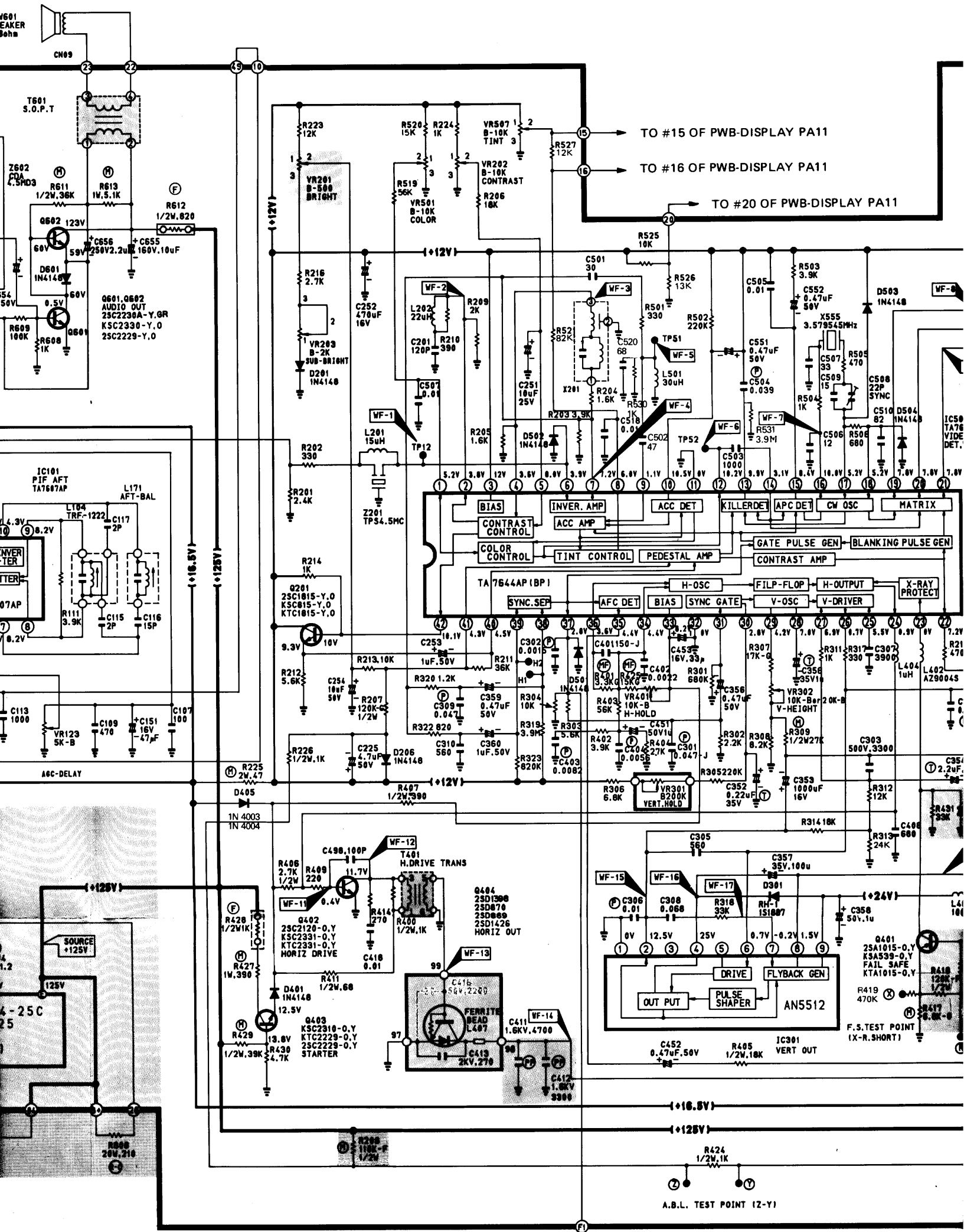
COMPOSANTS CRITIQUES POUR LA SECURITE.
ES DU SCHEMA SONT CRITIQUES POUR LA
L'APPAREIL. NE REMPLACER LES COMPOSANTS
RITE QUE PAR DES PIECES RECOMMANDEES
S PIECES POUR TROUVER LES PIECES DE

WARNING: BEFORE SERVING THIS CHASSIS READ THE "X-RAY RADIATION
PRECAUTION SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" IN MANUAL.

CAUTION: The shaded area in the schematic diagram and 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.
Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE
in this manual. Do not degrade the safety of the receiver through important servicing.

NOTE

- 1 Resistance is shown in ohm K=1,000 M=1,000,000
- 2 Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in pF and the values more than 1 in pF.
- 3 Unless otherwise noted in schematic, all inductor values more than 1 are expressed in mH.
- 4 Voltages read with "V.T.V.M" (input impedance: 21 Meg ohm/all range) from point to chassis ground using color bar signal with all controls at normal line voltage.
- 5 Wave forms in chrominance circuit are taken receiving a color bar signal with enough gain.
- 6 Wave forms in other circuits are taken using an air signal under normal receiving.
- 7 Voltage reading shown are normal values and may vary $\pm 20\%$ except H.V.

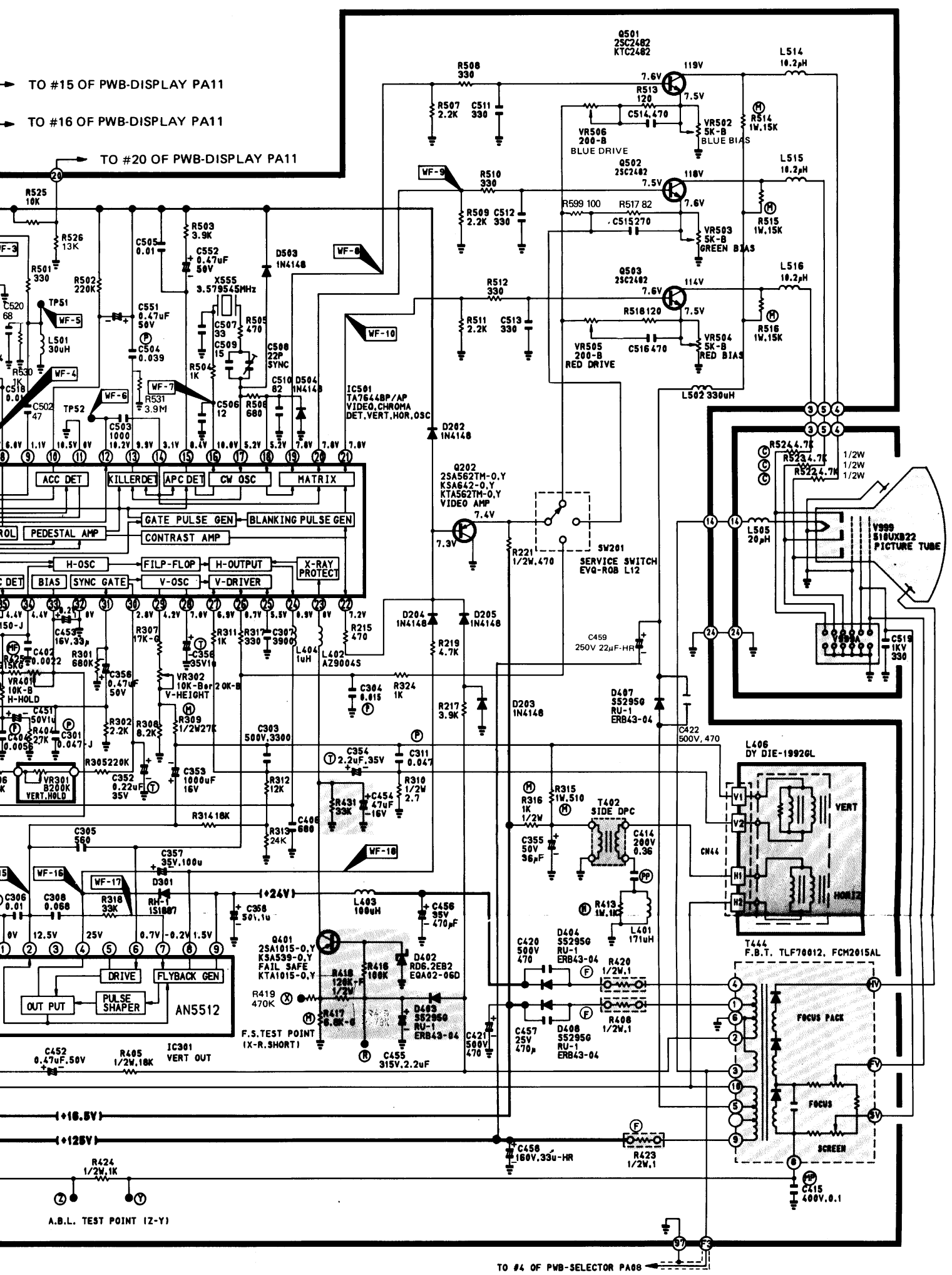


TO #2 OF PWB-SELECTOR PA08

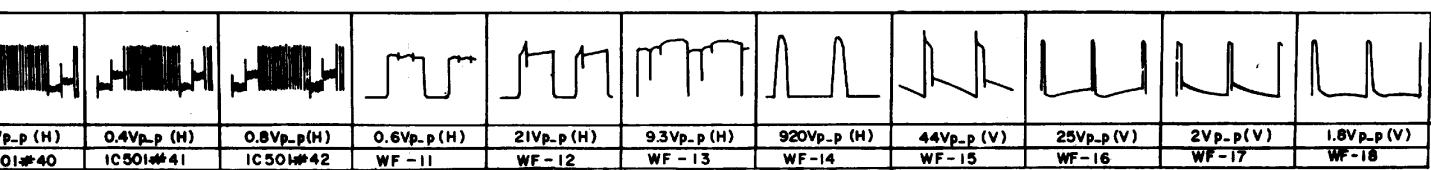
3 Unless otherwise noted in schematic, all inductances are more than five times the value expressed in μH .
 4 Voltages read with "V.T.V.M." (input impedance: 21 Meg ohm/all range) from point indicated to chassis ground using color bar signal with all controls at normal line voltage 120 volts.
 5 Waveforms in chrominance circuit are taken receiving a color bar signal with enough sensitivity.
 6 Waveforms in other circuits are taken using an air signal under normal receiving conditions.
 7 Voltage reading shown are normal values and may vary $\pm 20\%$ except H.V.

- (C) COMPOSITION RESISTORS
- (T) TANTALUM CAPACITORS
- (M) METAL OXIDE RESISTORS
- (MP) C-METAL POLYESTER

POSISTOR



8104-178-980

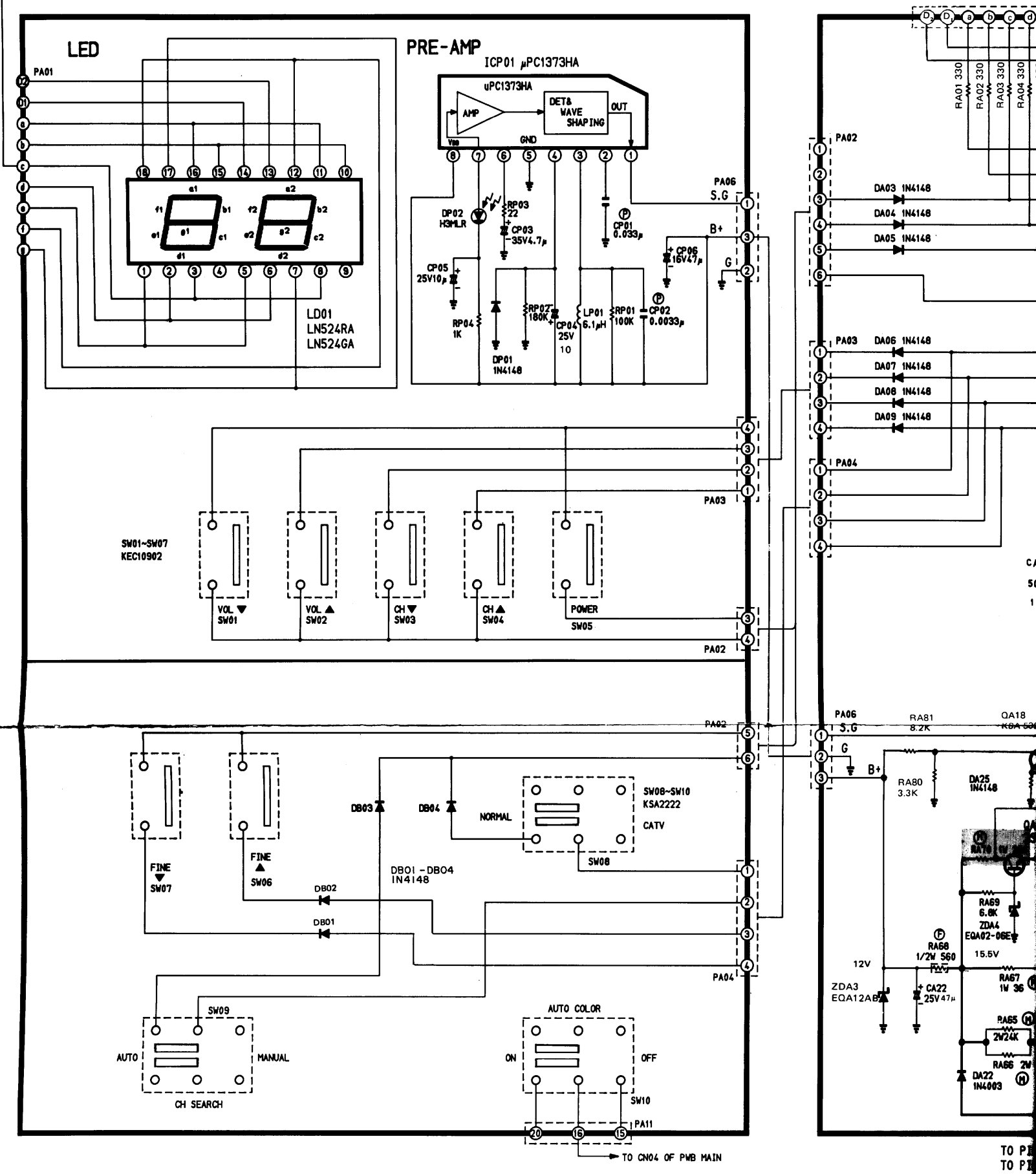


EBC
KSA 642
KSC 815
KSA 538
KSC 1875
KSC 1874

EB
2SD 877
2SD 117
2SD 881

EG
STR

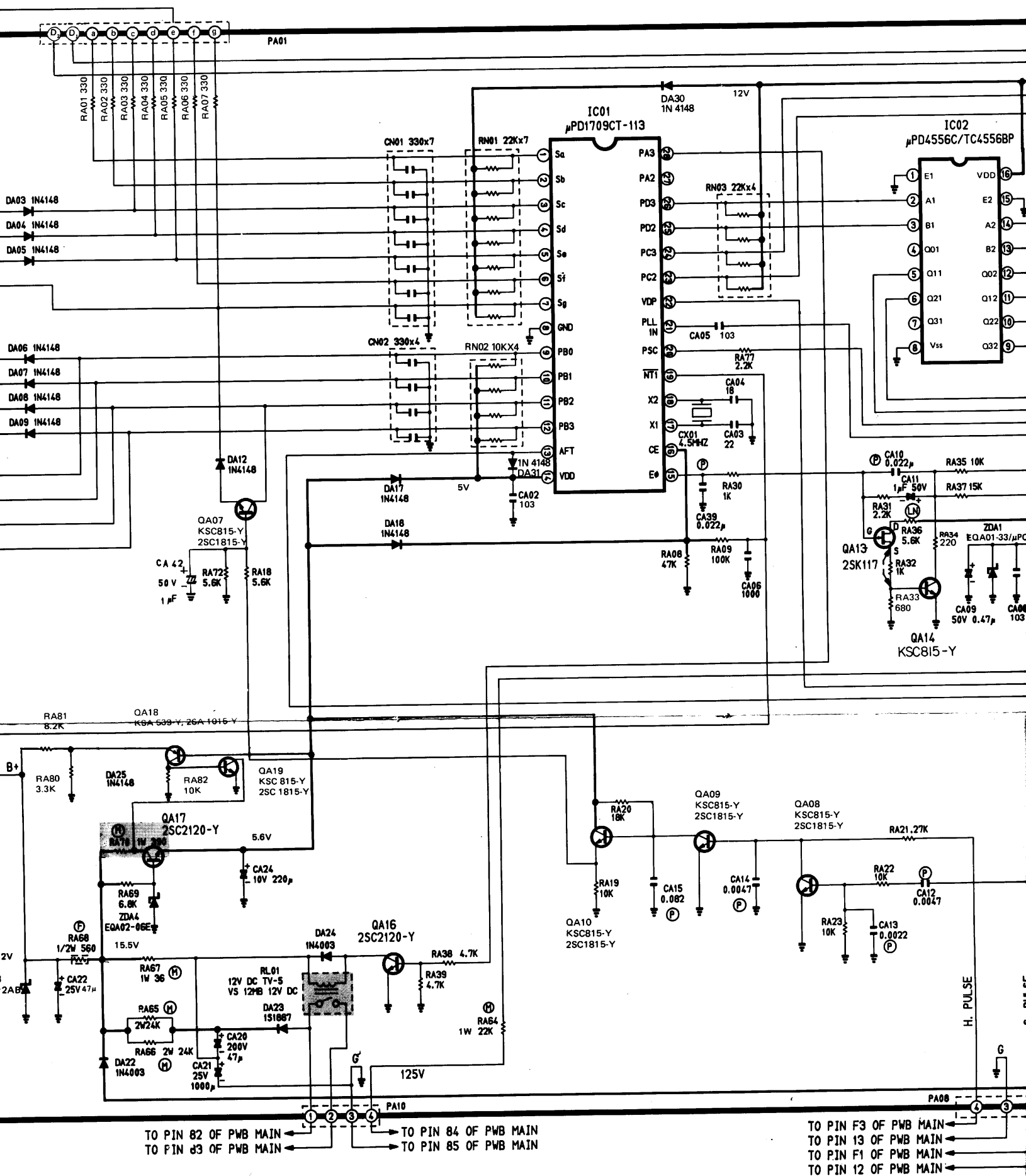
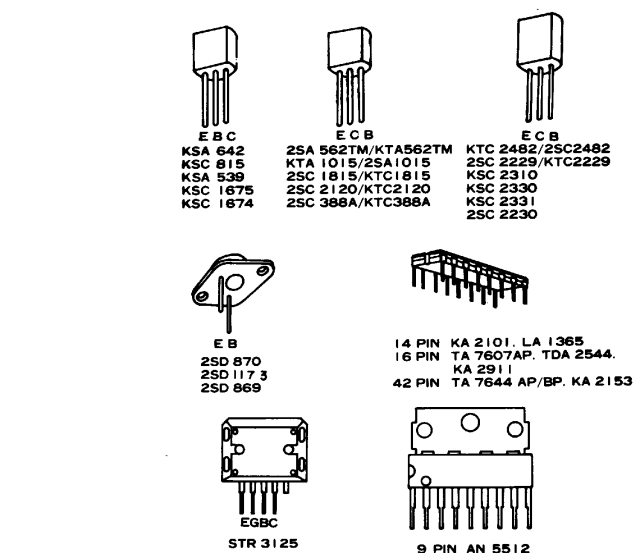
PWB-DISPLAY

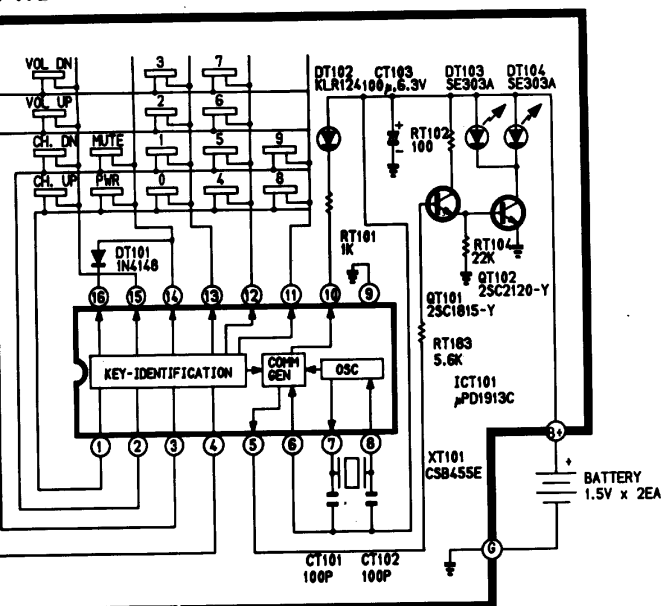


TO P1
TO P2

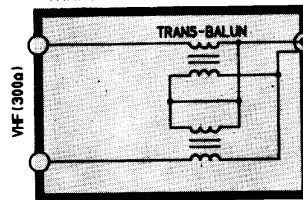
The schematic diagram illustrates the internal circuitry of a portable electronic device. Key components and their connections include:

- Power Supply:** A 1.5V x 2EA battery is connected to a 3V terminal, which feeds into a 3V regulator (XT101 CSB455E). The circuit also includes a 6.3V regulator (CT103 KLR124100) and several resistors (RT101 1K, RT102 100, RT103 SE303A, RT104 22K, RT105 25C2120-Y, RT106 25C1815-Y, RT107 5.6K).
- Control Section:** The top left features a control section with transistors (DT101 IN4148, DT102, DT103, DT104 SE303A) and capacitors (CT101 100P, CT102 100P). It includes a MUTE switch and a PWR switch.
- Central Processing:** The central section contains a KEY-IDENTIFICATION block, a COMP GEN block, and an OSC block. These are interconnected with a series of transistors (DT101, DT102, DT103, DT104) and capacitors (CT101, CT102).
- Output Section:** The bottom right section includes an oscillator (OSC) and a power amplifier (PWR) stage, featuring a 3V regulator (XT101 CSB455E) and a 3V terminal.

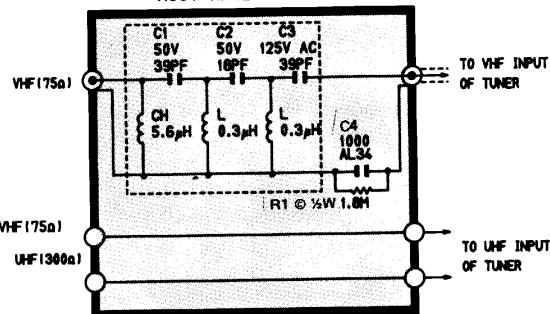




TRANS MATCHING



ASSY ANTENNA BOARD



TO ASSY ANTENNA BOARD

