

# Service Manual

## REPAIR & ADJUSTMENTS

### STEREO TUNER

# TX-720

ORDER NO.  
ART-649-0



MODEL TX-720 COMES IN SIX VERSIONS DISTINGUISHED AS FOLLOWS:

Type	Voltage	Remarks
KU	120V only	U.S.A. model
S	110V, 120V, 220V and 240V (Switchable)	General export model
S/G	110V, 120V, 220V and 240V (Switchable)	U.S. Military model
HE	220V and 240V (Switchable)	Europe model
YP	240V only	Australia model
H/WG	220V and 240V (Switchable)	West Germany

- This service manual is applicable to the KU type. When repairing the YP, S and S/G types, please see the additional service manual (page 29), and see the ART-650 for HE, type.
- For the circuit description, please refer to the supplement of model TX-720 service manual (ART-766-0).
- Ce manuel d'instruction se réfère au mode de réglage, en français.
- Este manual de servicio trata del método de ajuste escrito en español.

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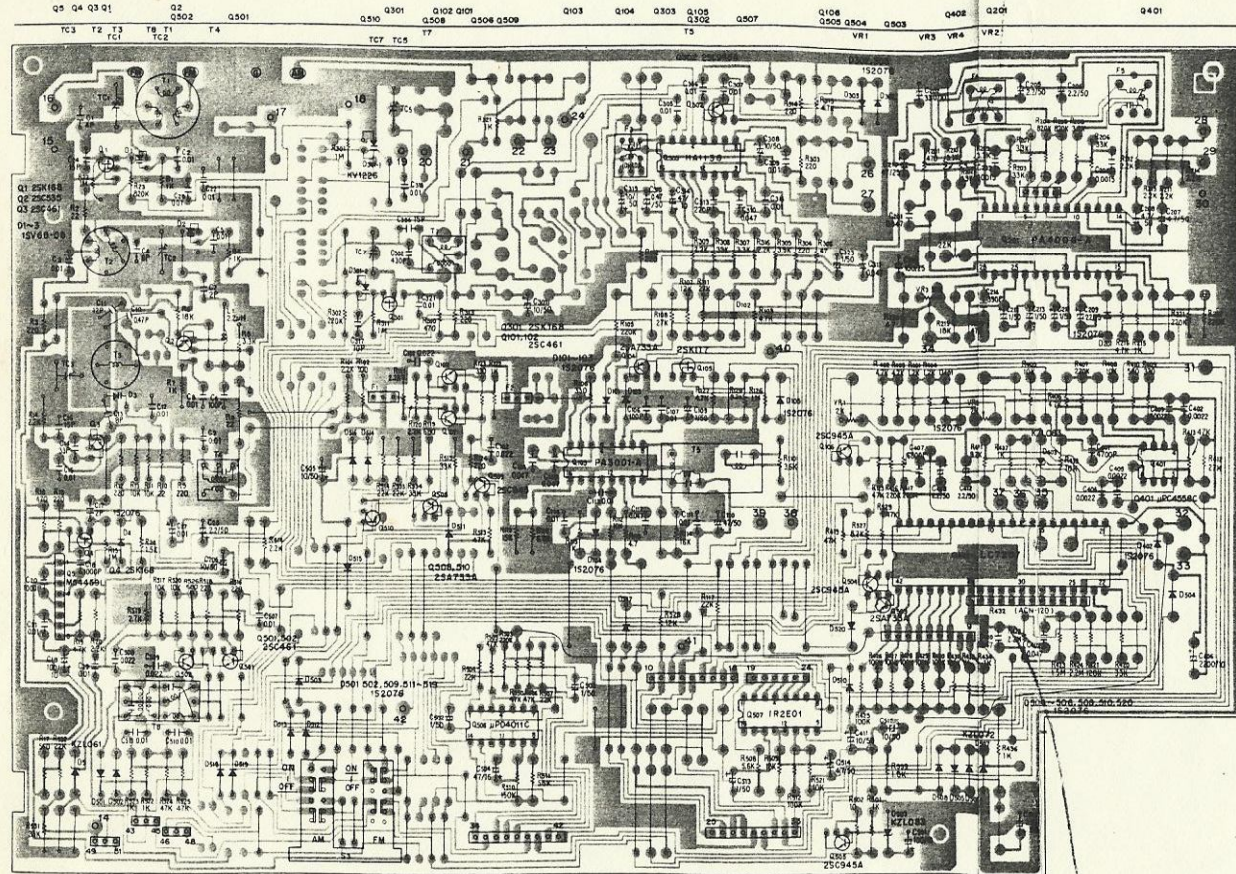
**PIONEER ELECTRONIC CORPORATION** 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153, Japan  
**U.S. PIONEER ELECTRONICS CORPORATION** 85 Oxford Drive, Moonachie, New Jersey 07074, U.S.A.  
**PIONEER ELECTRONIC (EUROPE) N.V.** Lutichaven-Haven 9, 2030 Antwerp, Belgium  
**PIONEER ELECTRONICS AUSTRALIA PTY. LTD.** 17B-184 Boundary Road, Breaaside, Victoria 3195, Australia

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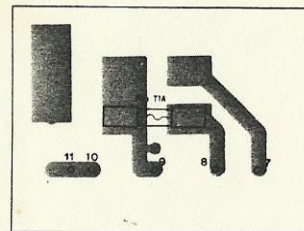
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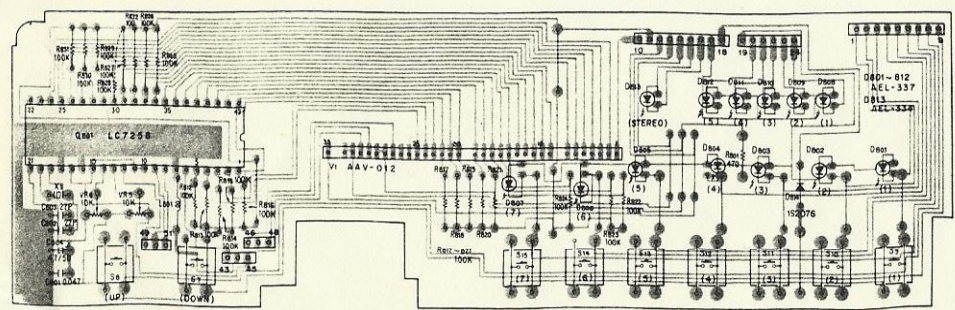
3.4 P.C. BOARDS (YP type)  
Tuner assembly (GWE-158)



Power supply assembly

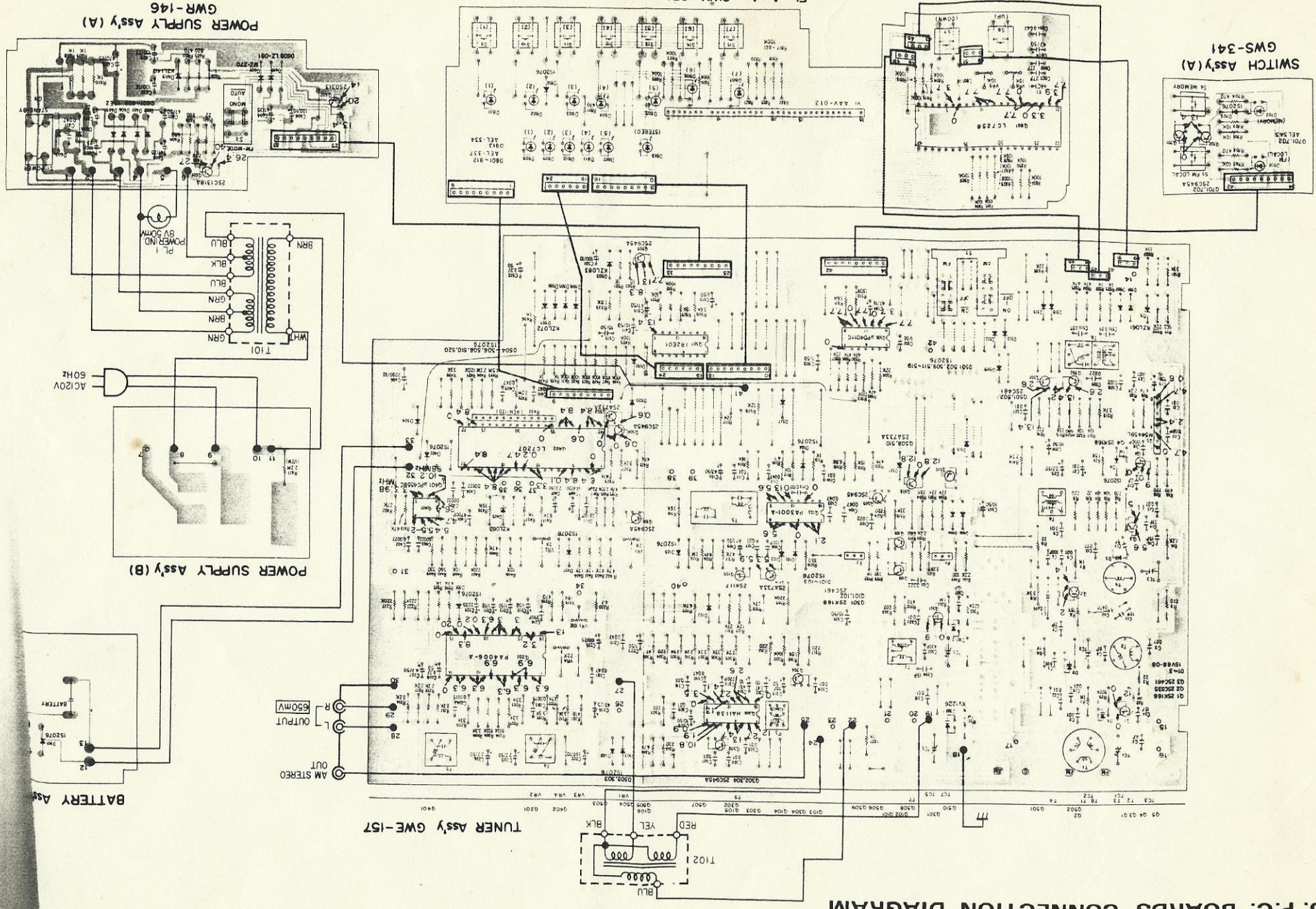


FL assembly (GWX-652)





6. P.C. BOARDS CONNECTION DIAGRAM



1 2 3 4 5 6

1 2 3 4 5 6

POWER SUPPLY Assy (A)  
GWR-146

FL Assy GWX-651

SWITCH Assy (A)  
GWS-341

POWER SUPPLY Assy (B)

TUNER Assy GWE-157

BATTERY Assy

AC20V  
60MHz

650V  
OUTPUT

AM STEREO  
OUT

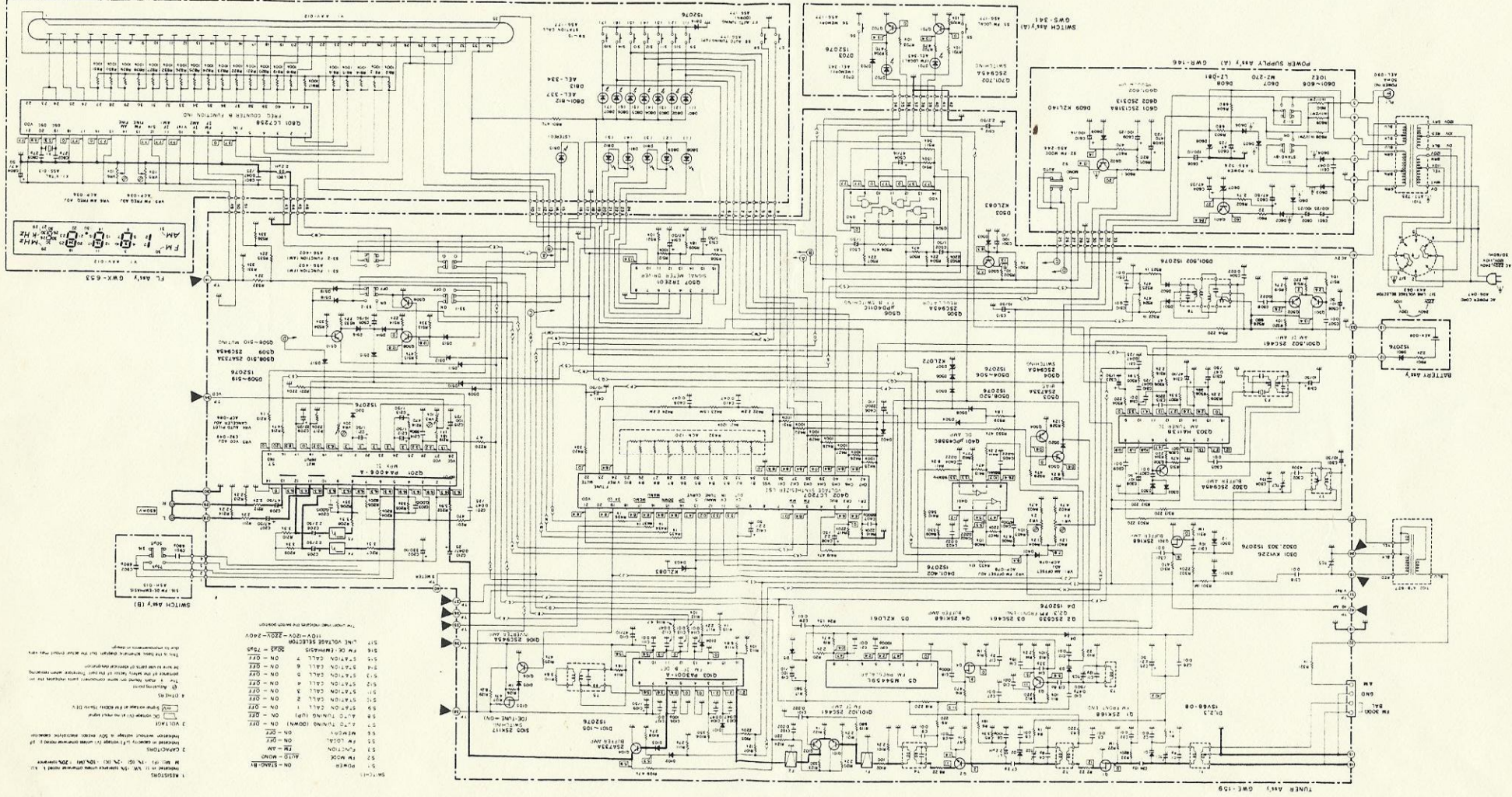






### 3. SCHEMATIC DIAGRAMS AND P. C. BOARD

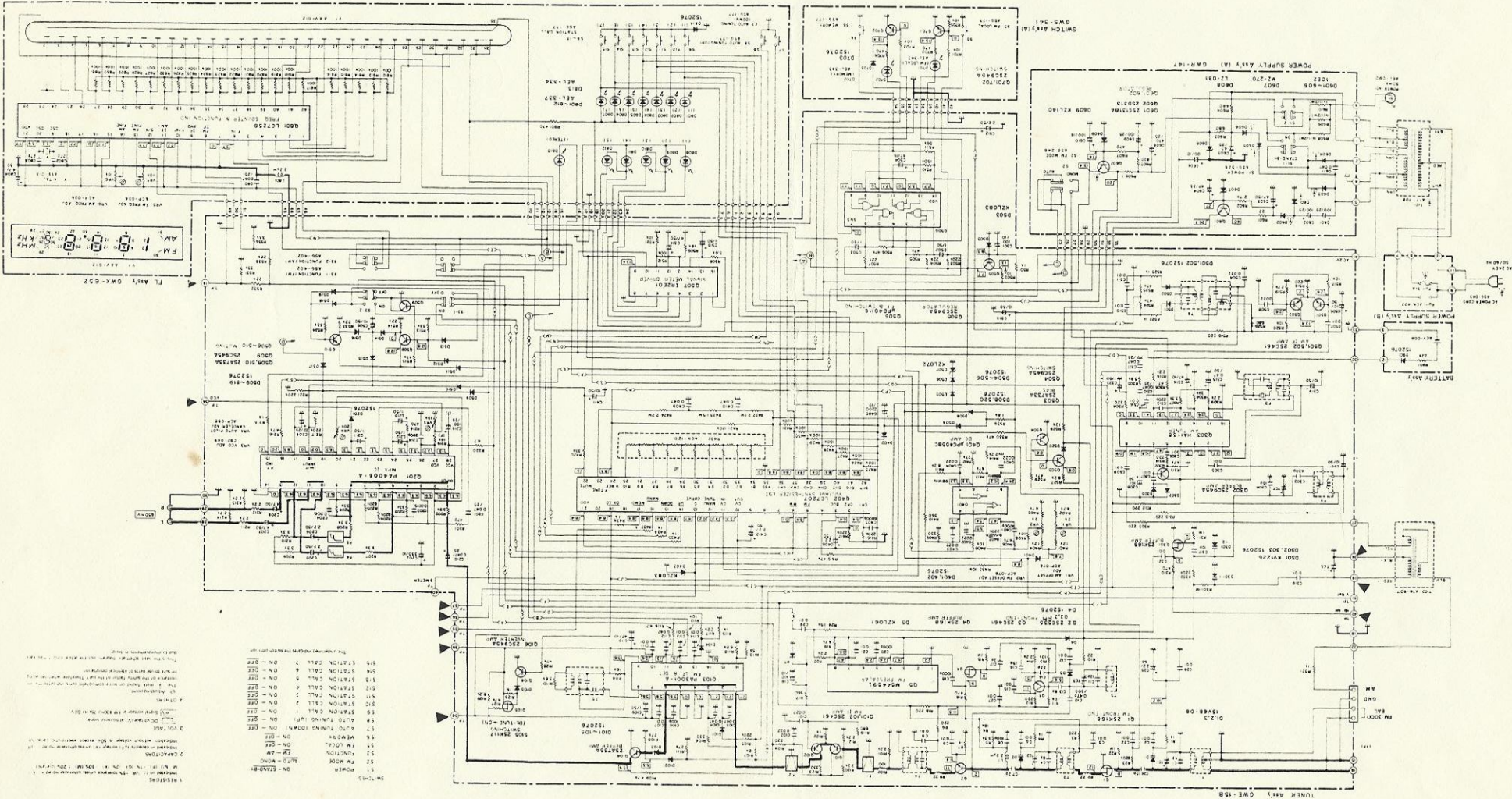
3.1 SCHEMATIC DIAGRAM (S, S/G type)



NOTE:

The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.

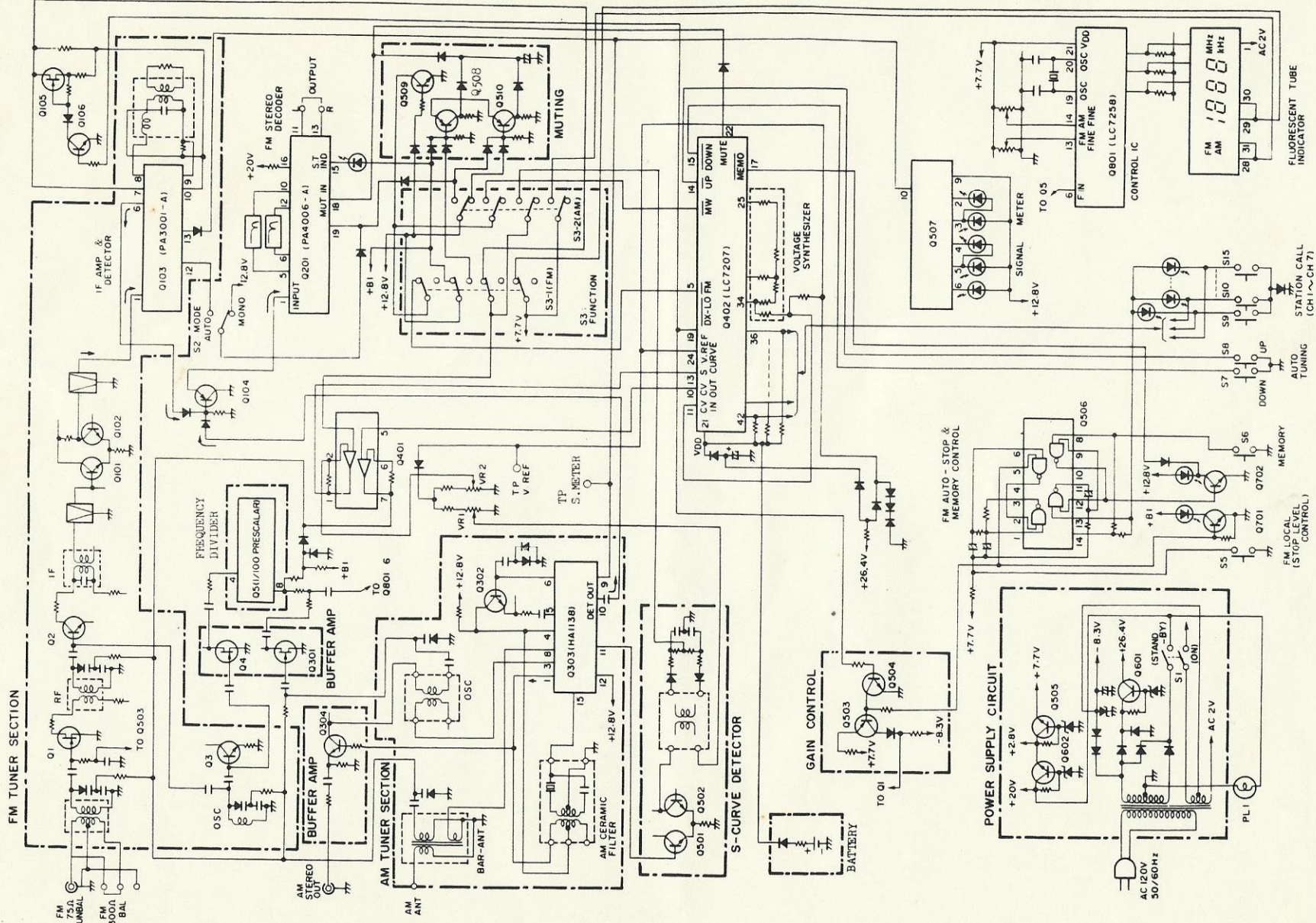




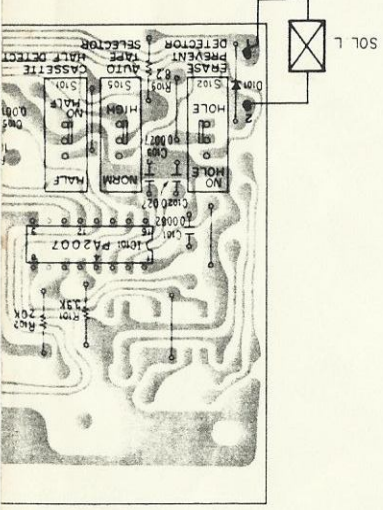
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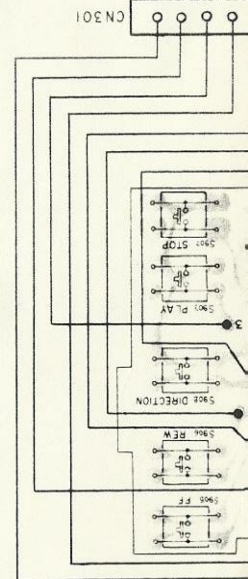
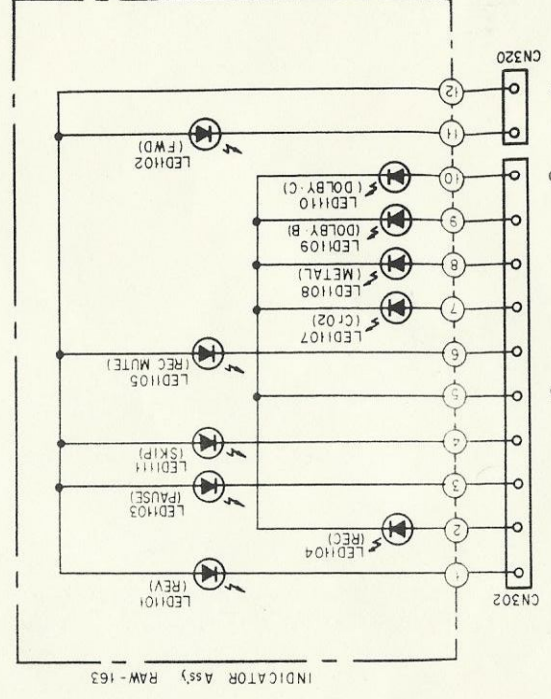
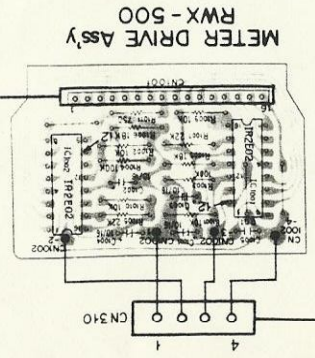
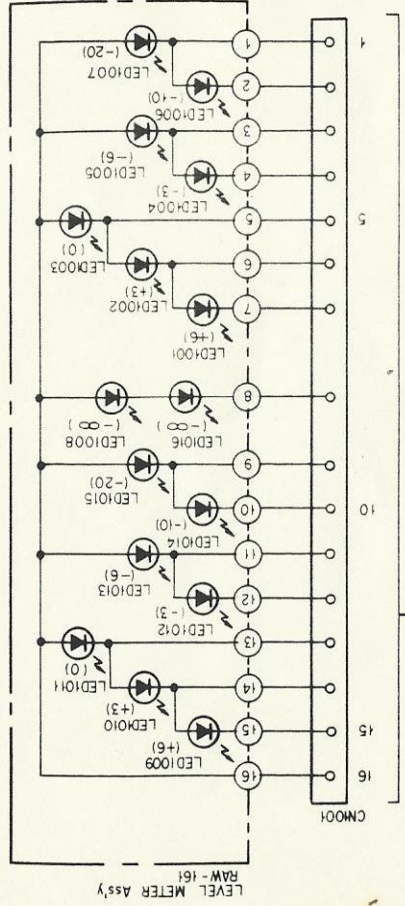
## 3. BLOCK DIAGRAM







CAPSTAN CONTROL  
RWX-488



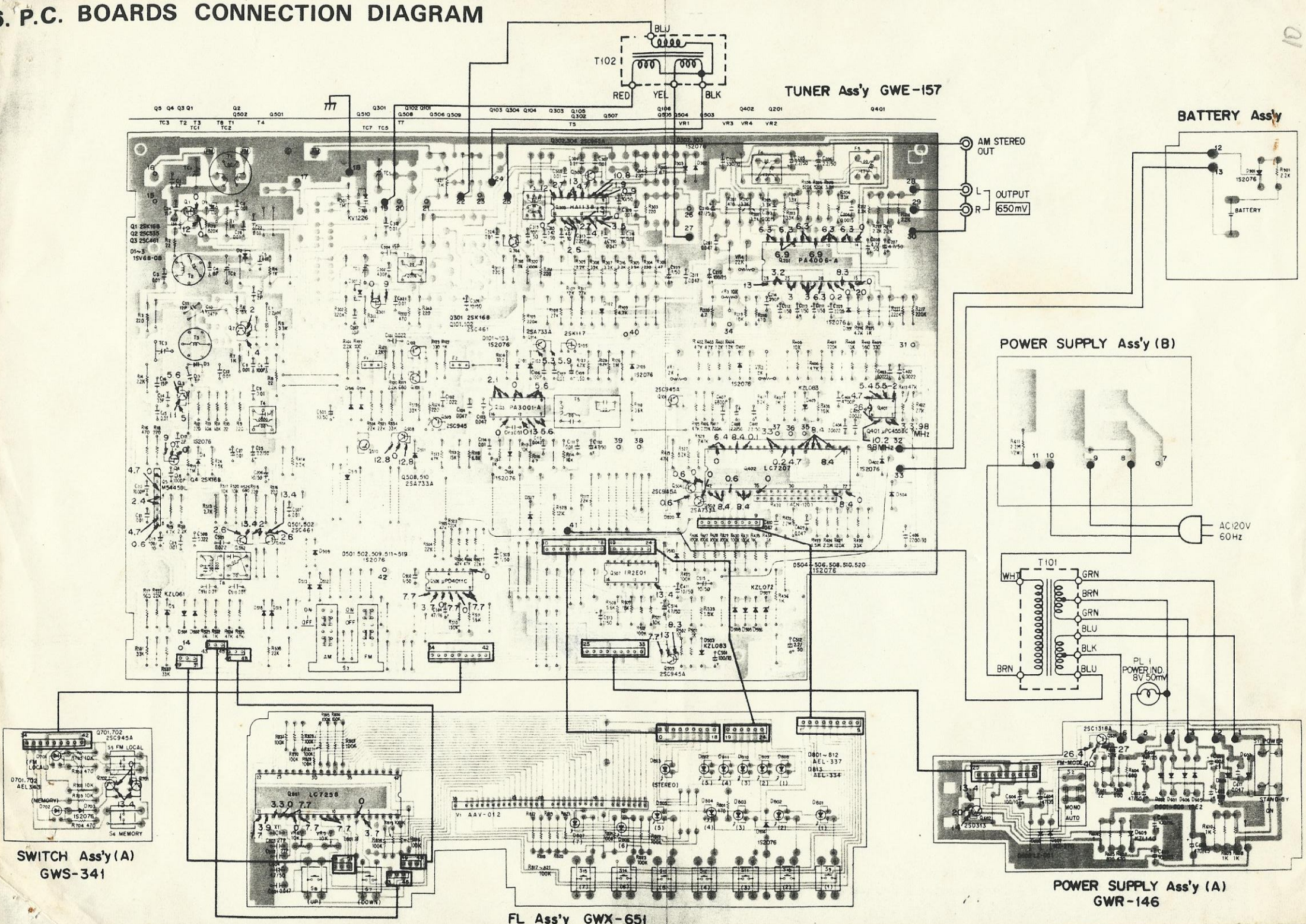






# 6. P.C. BOARDS CONNECTION DIAGRAM

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TUNER Ass'y GWE-157

BATTERY Ass'y

POWER SUPPLY Ass'y (B)

SWITCH Ass'y (A)  
GWS-341

FL Ass'y GWX-651

POWER SUPPLY Ass'y (A)  
GWR-146

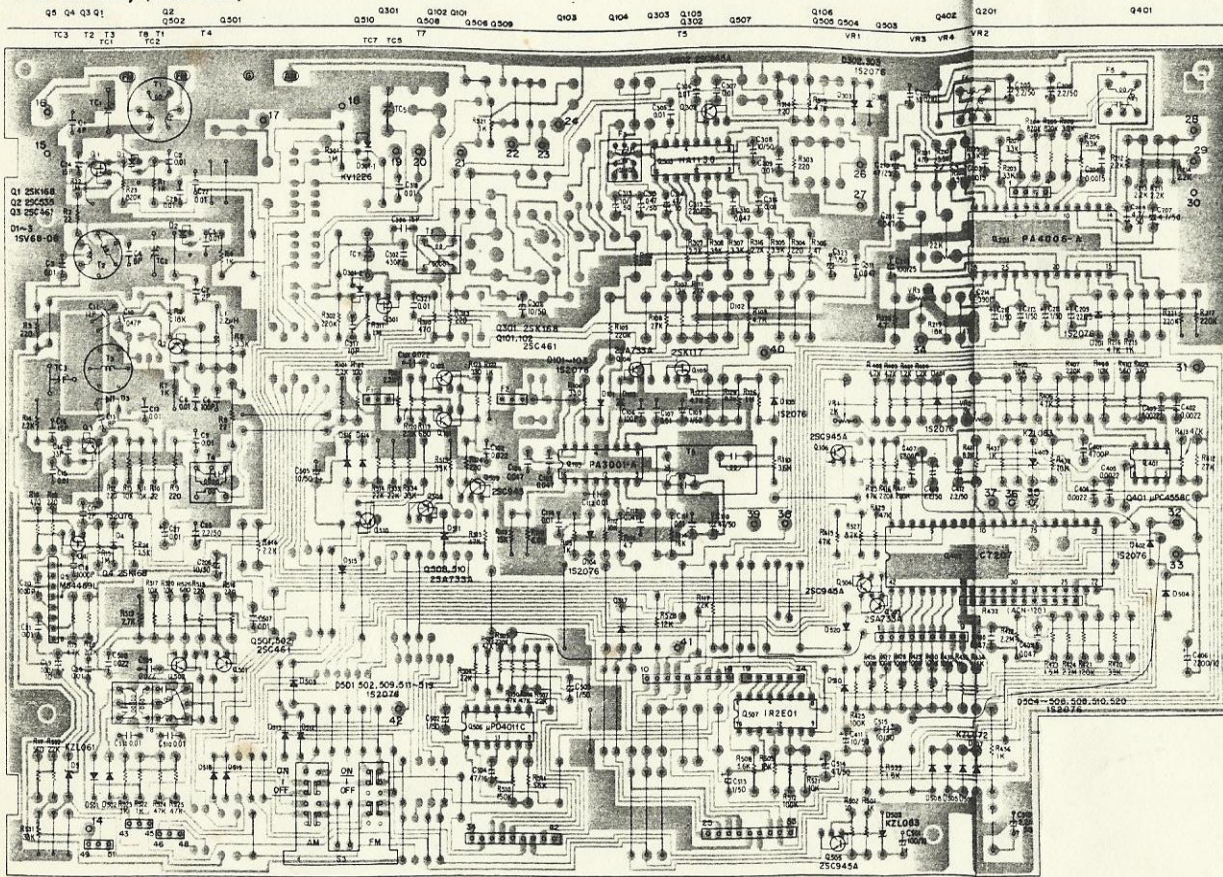




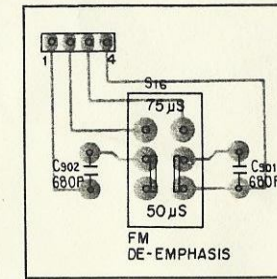


3.2 P.C. BOARDS (S, S/G type)

Tuner assembly (GWE-159)



Switch assembly B



FL assembly (GWX-653)

