

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.

CONTENTS

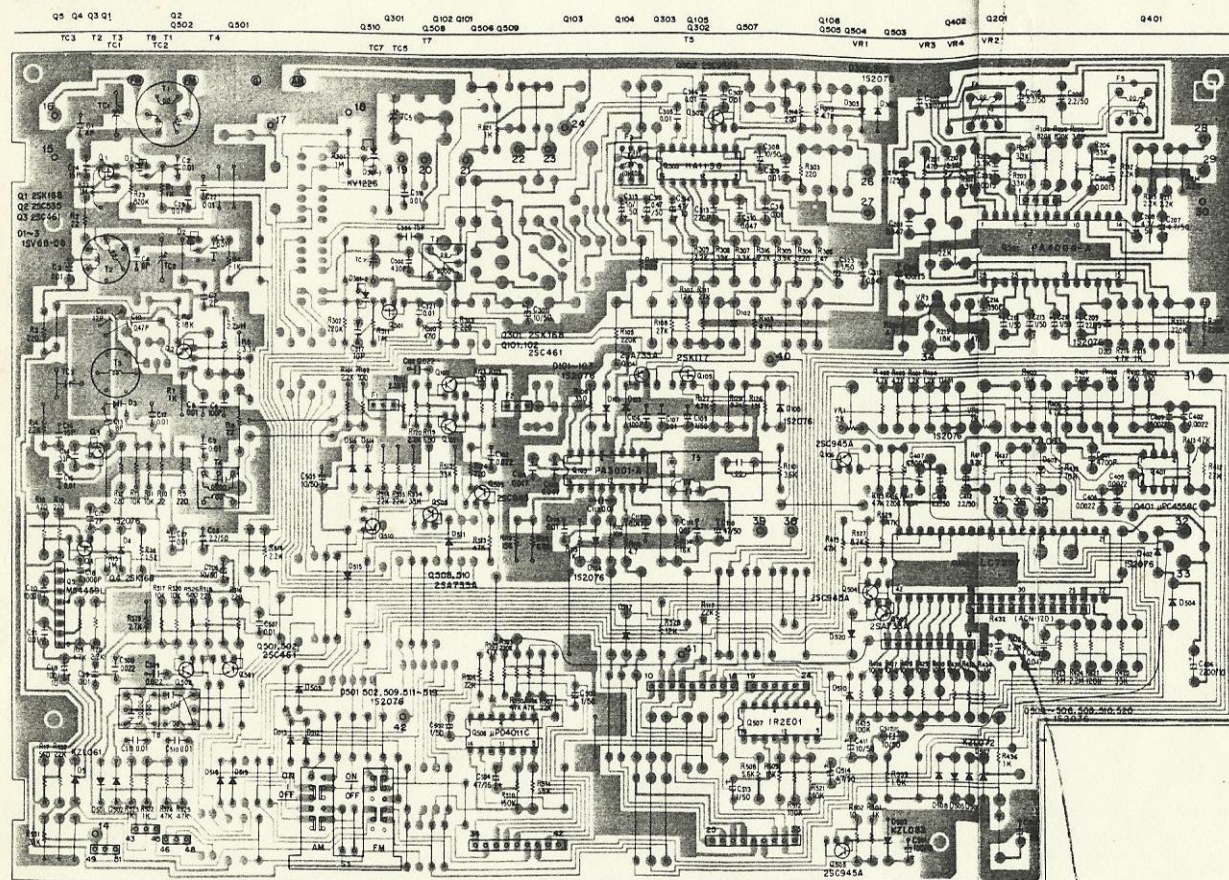
1. SPECIFICATIONS	2	9. EXPLODED VIEWS	14
2. FRONT PANEL FACILITIES	2	10. ADJUSTMENTS	16
3. BLOCK DIAGRAM	4	RÉGLAGE	20
4. PARTS LOCATION	5	AJUSTE	24
5. PARTS LIST	6	ADDITIONAL SERVICE MANUAL FOR TX-720 S, S/G, YP	29
6. P.C. BOARDS CONNECTION DIAGRAM	9	1. SPECIFICATIONS	29
7. SCHEMATIC DIAGRAM	11	2. CONTRAST OF MISCELLANEOUS PARTS	29
8. PACKING	13	3. SCHEMATIC DIAGRAM AND P.C. BOARDS	31

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. Luthagen-Haven 9, 2030 Antwerp, Belgium
PIONEER ELECTRONICS AUSTRALIA PTY. LTD. 17B-184 Boundary Road, Braeside, Victoria 3195, Australia

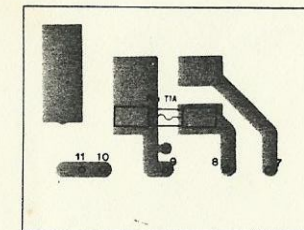
YG © APR. 1981

Printed in Japan

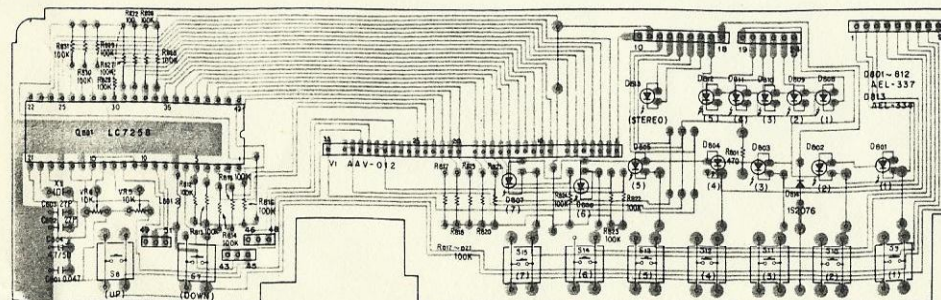
3.4 P.C. BOARDS (YP type)
Tuner assembly (GWE-158)



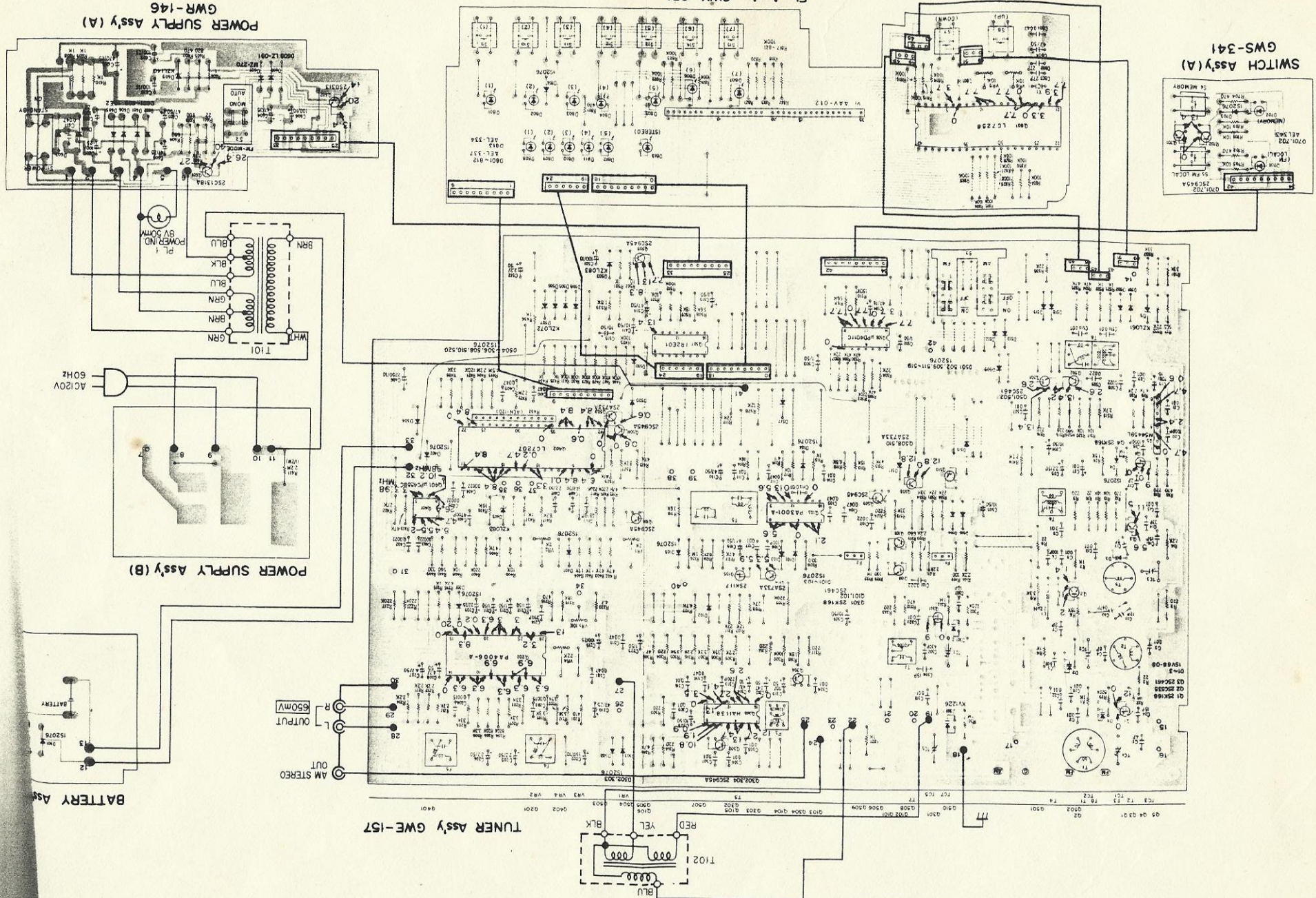
Power supply assembly



FL assembly (GWX-652)



6. P.C. BOARDS CONNECTION DIAGRAM



6

5

4

3

2

1

6

5

4

3

2

1

A

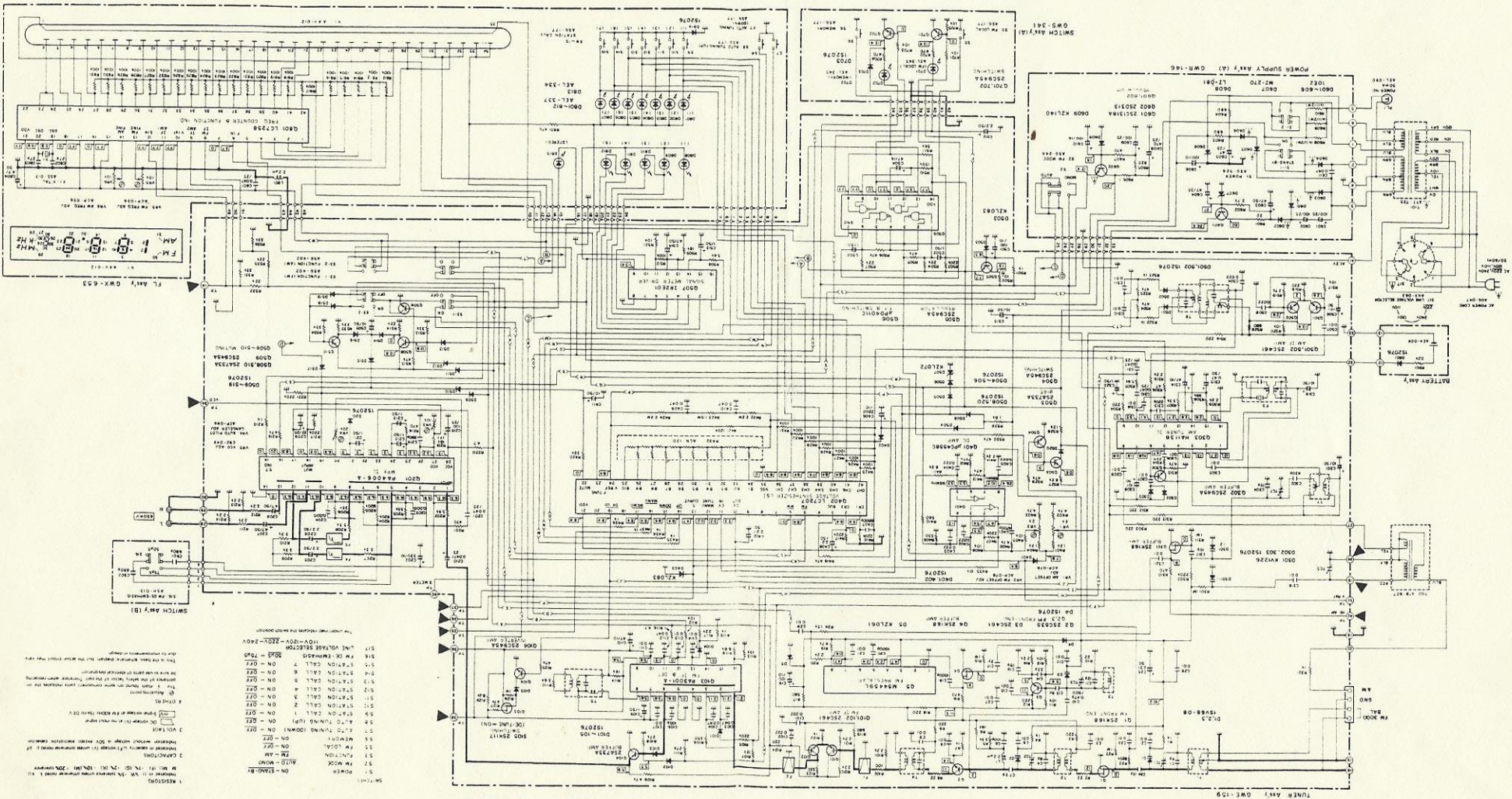
B

C

D

3. SCHEMATIC DIAGRAMS AND P.C. BOARD

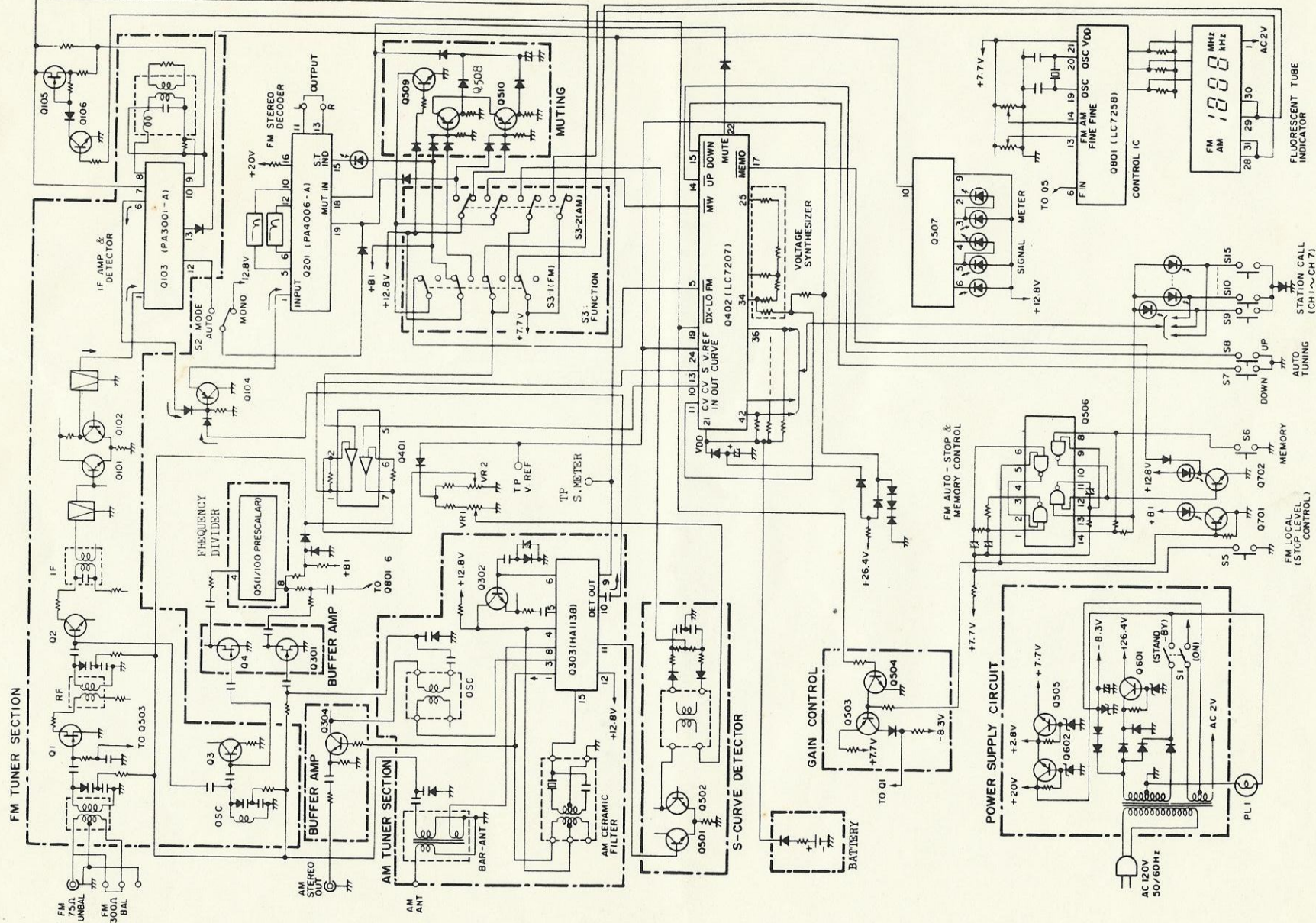
3.1 SCHEMATIC DIAGRAM (S, S/G type)

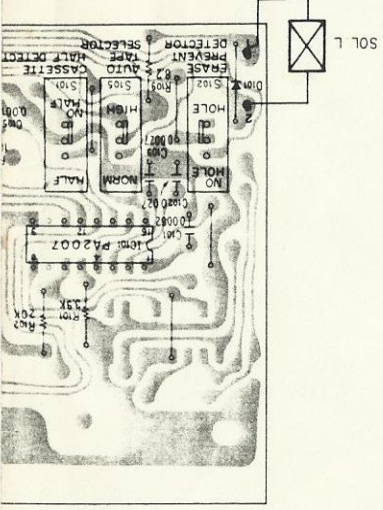
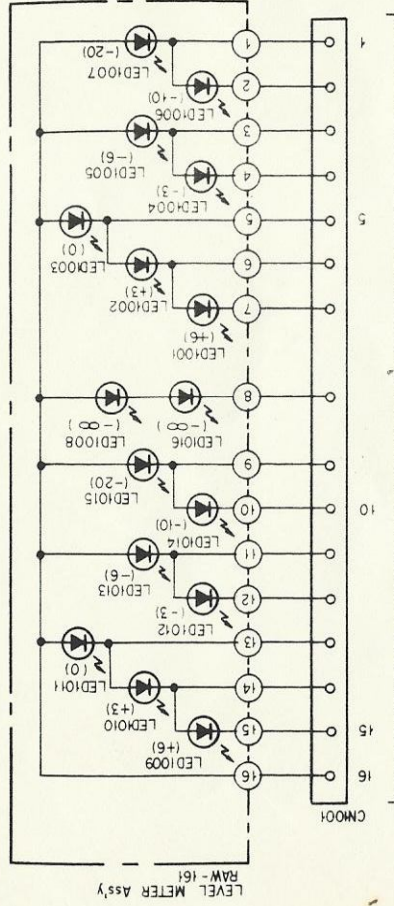
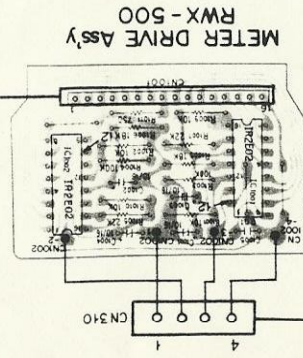
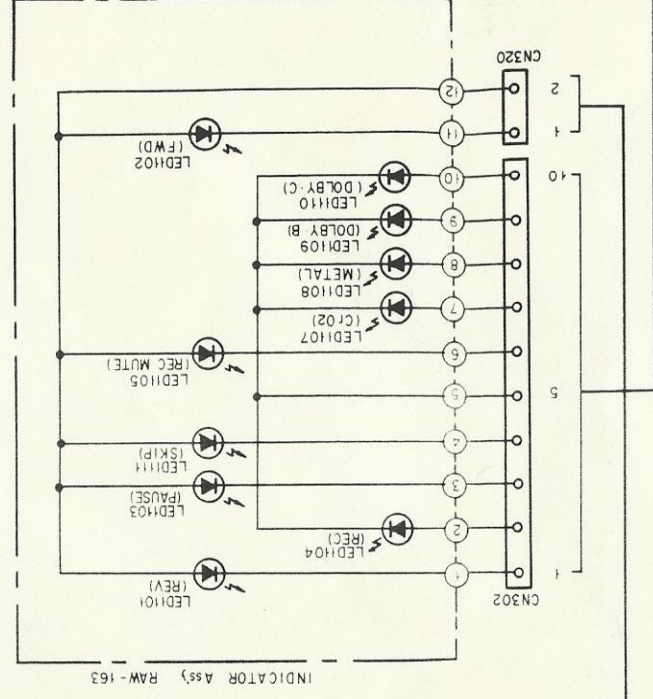
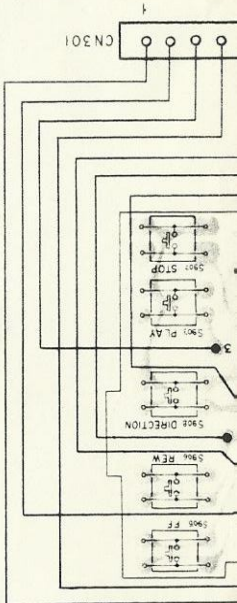


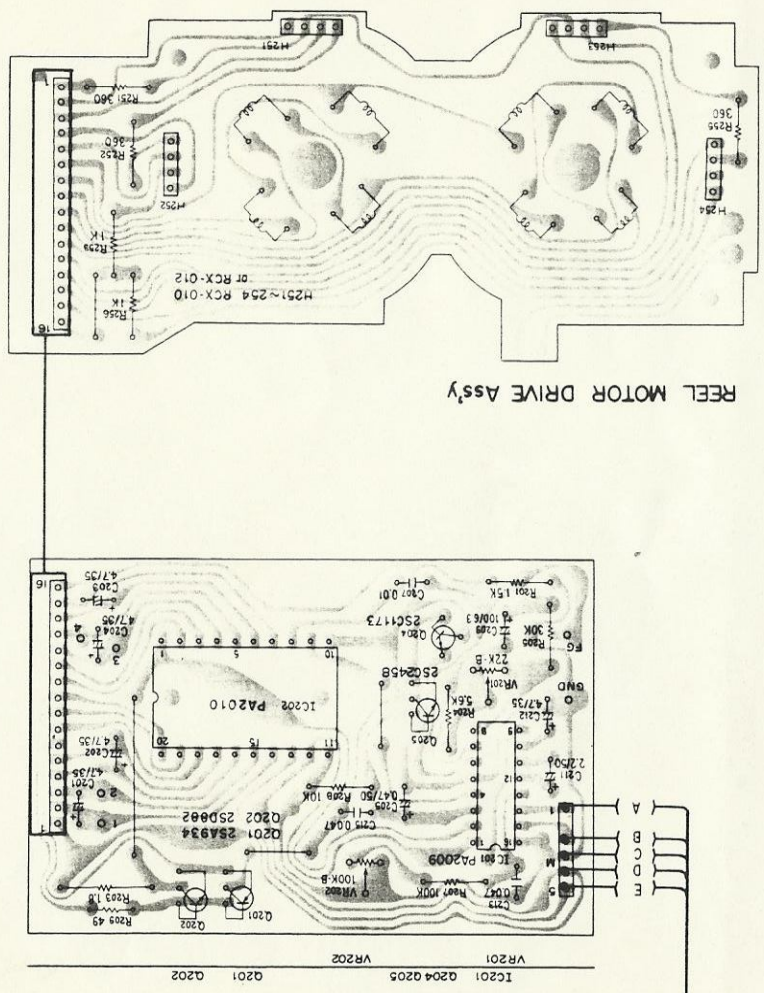
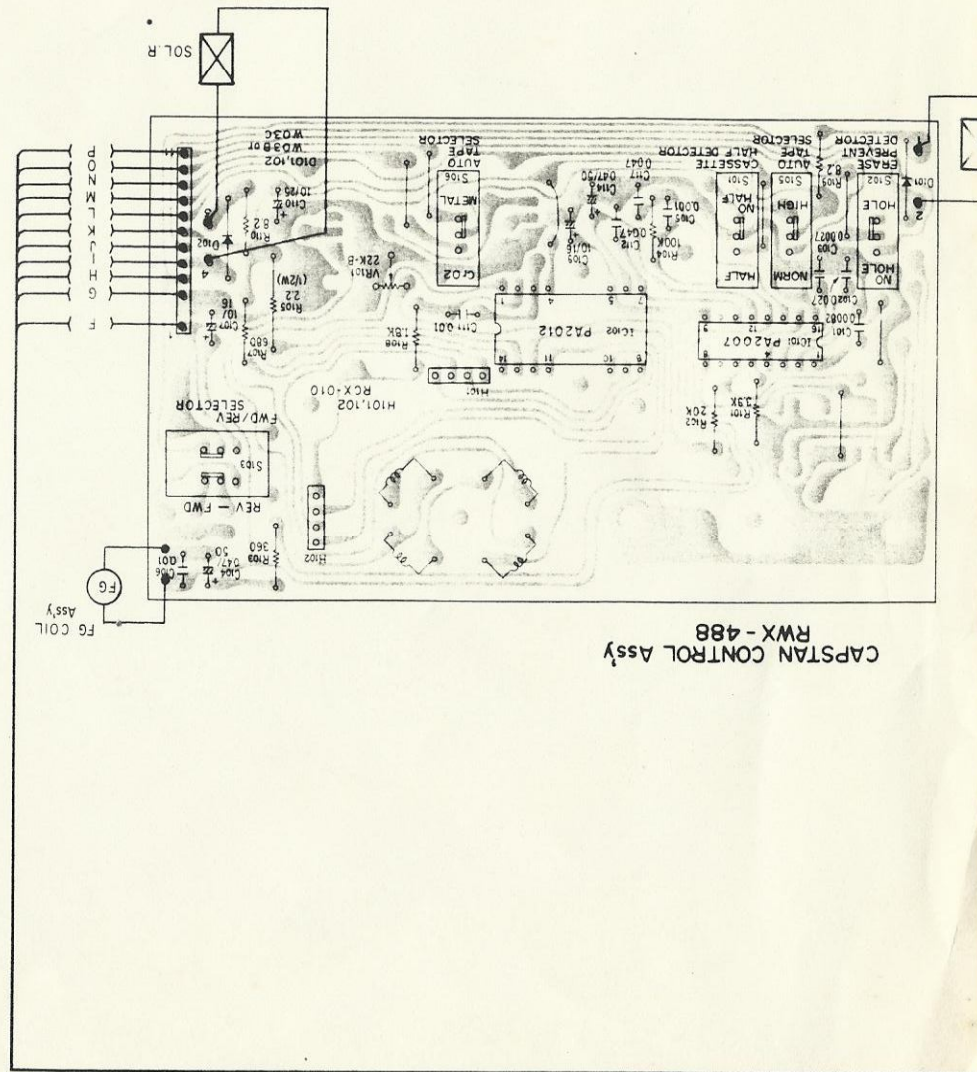
NOTE:

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

3. BLOCK DIAGRAM





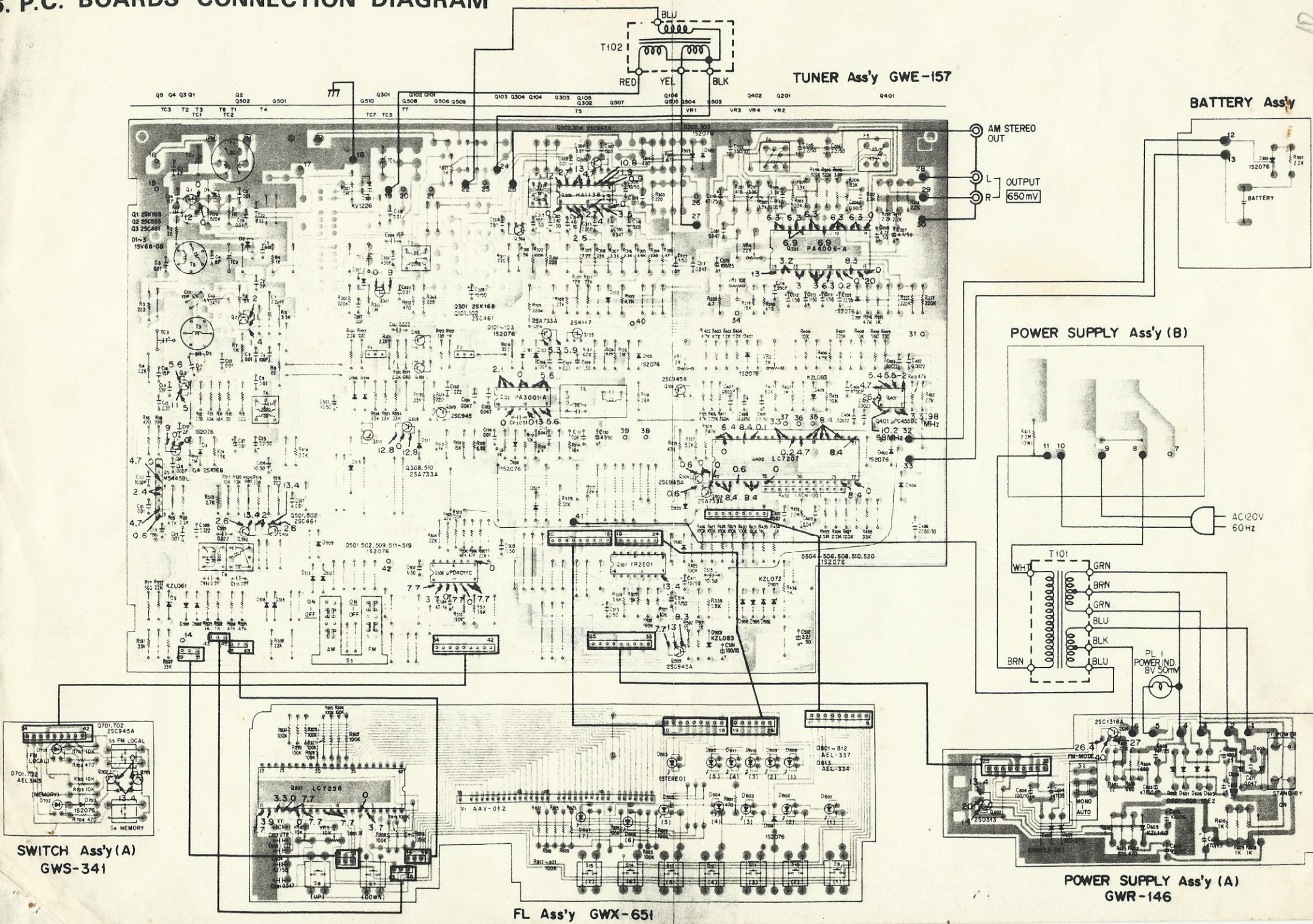


REEL MOTOR CONTROL Assy
RWX-491

IC201 0204 0205
VR201
VR202
Q201
Q202

6. P.C. BOARDS CONNECTION DIAGRAM

10



TUNER Ass'y GWE-157

BATTERY Ass'y

POWER SUPPLY Ass'y (B)

POWER SUPPLY Ass'y (A)
GWR-146

SWITCH Ass'y (A)
GWS-341

FL Ass'y GWX-651

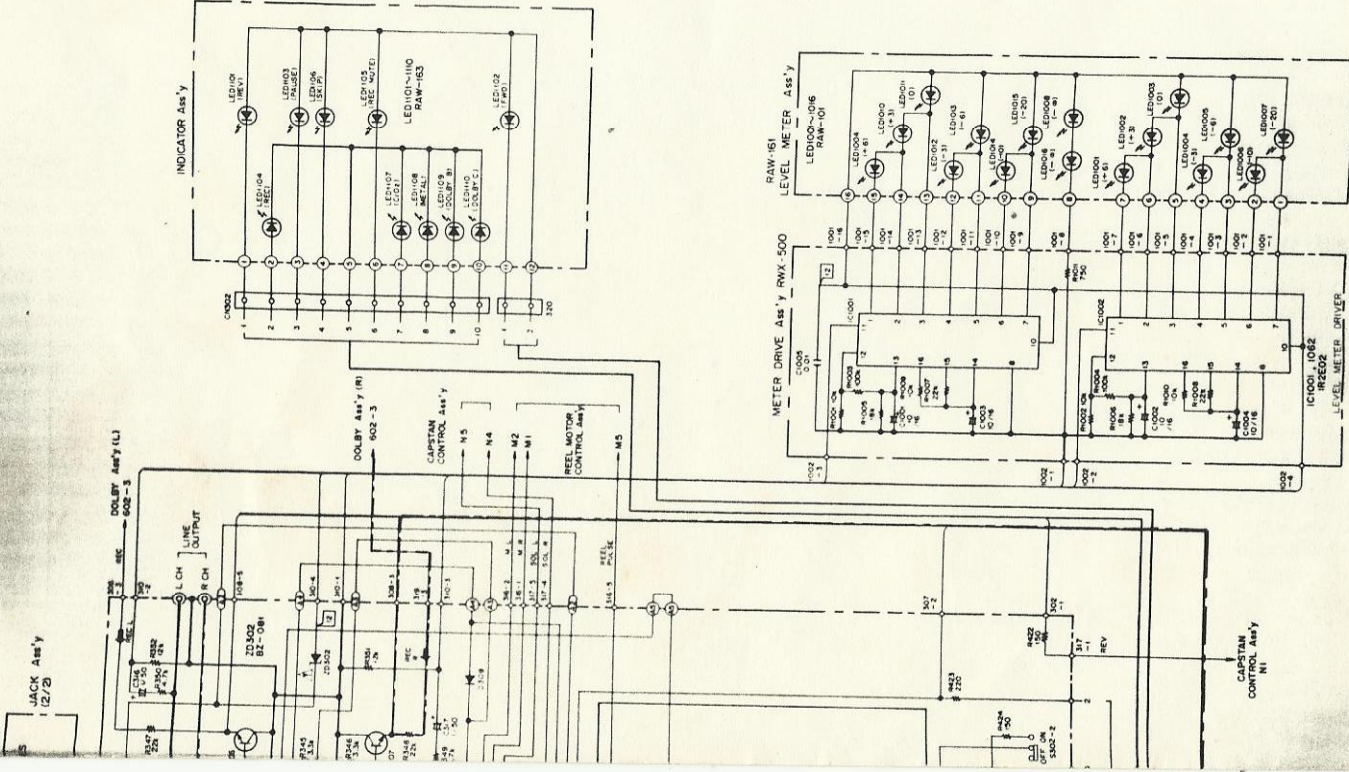
10

11

12

NOTE:

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



A

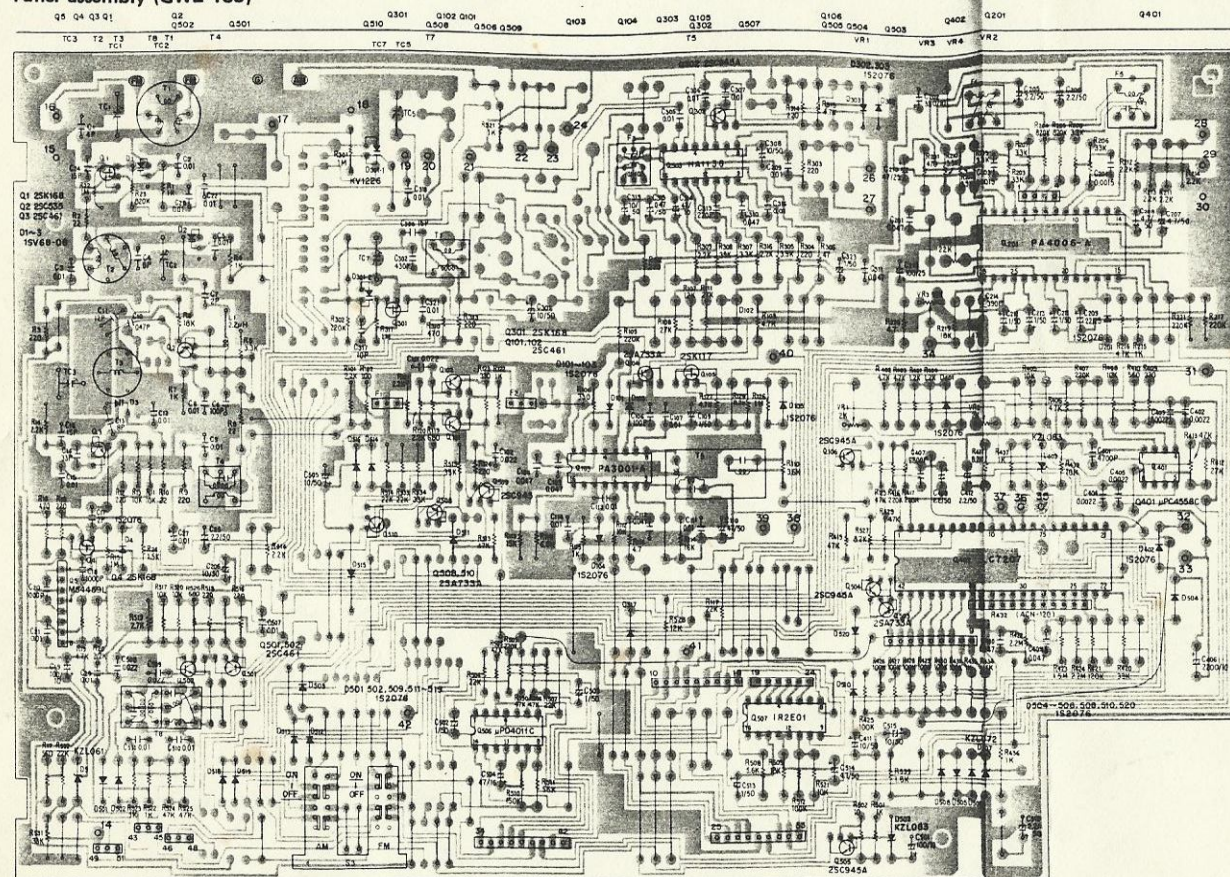
B

C

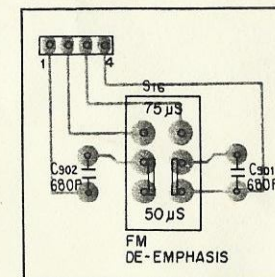
D

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

Tuner assembly (GWE-159)



Switch assembly B



FL assembly (GWX-653)

