

ADDITIONAL

 PIONEER

Service Manual

CASSETTE TAPE DECK

CT-F900

D
D/G

MODEL CT-F900 COMES IN FIVE VERSIONS DISTINGUISHED AS FOLLOWS:

Type	Voltage	Remarks
KU	120V only	U.S.A. model
KC	120V only	Canada model
HG	220V and 240V (Switchable)	Europe or Oceania model
D	120V, 220V and 240V (Switchable)	General export model
D/G	120V, 220V and 240V (Switchable)	U.S. Military model

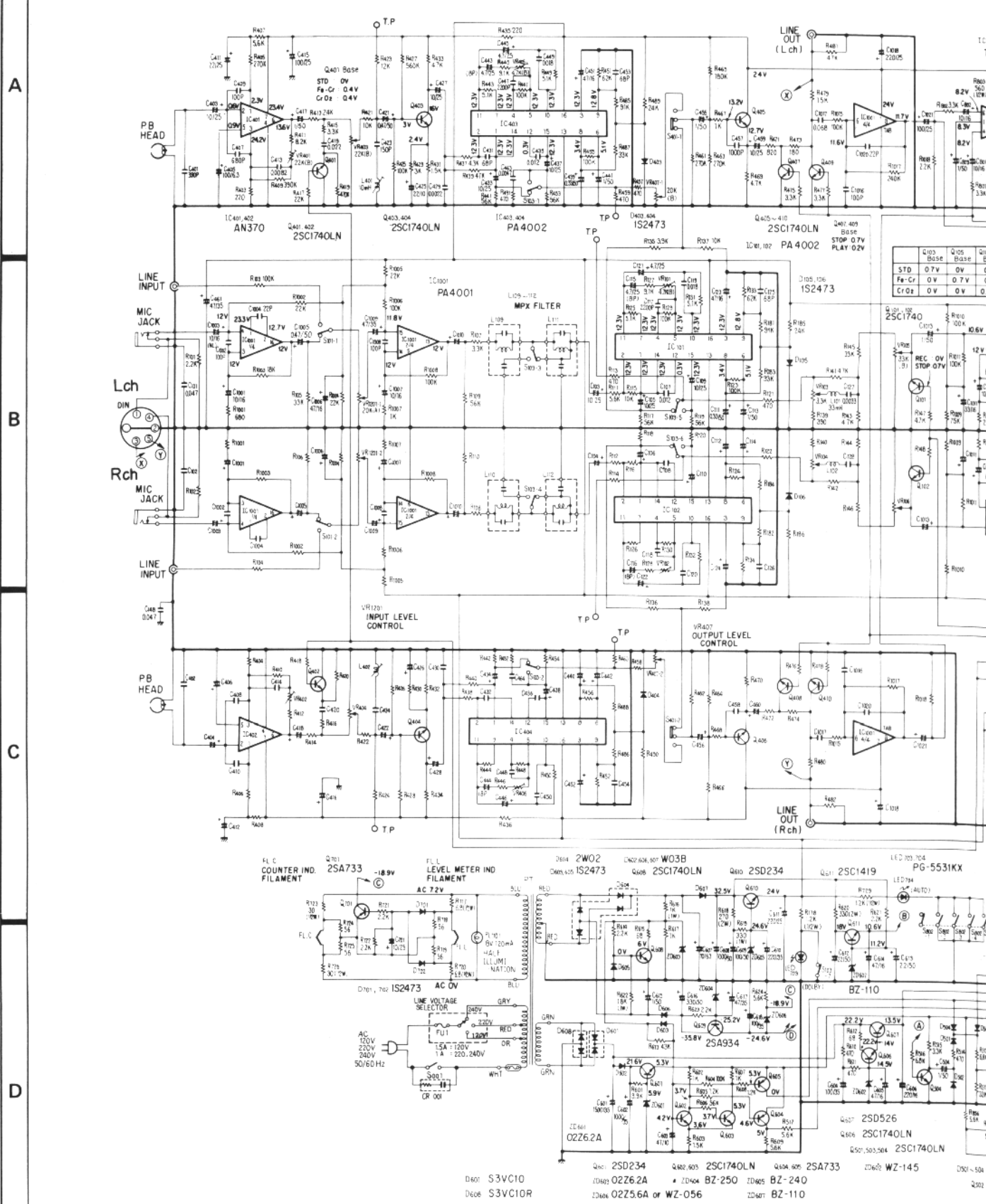
- This additional service manual is applicable to the CT-F900/D, and D/G. Instructions, circuit descriptions, exploded views, and adjustments are basically the same as the CT-F900/KC, and KU. The major difference is in appearance, the CT-F900D/G being fitted with wooden bonnet, while the CT-F900/KC, KU, and D employ metal.
- The parts which are different from the CT-F900/KC, and KU are covered in this additional service manual. Please use this additional service manual together with the CT-F900/KC, and KU service manual (ART-320) which is issued as appendix when ordering parts and repair.

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3. SCHEMATIC DIAGRAM OF CT-F900/D, D/G



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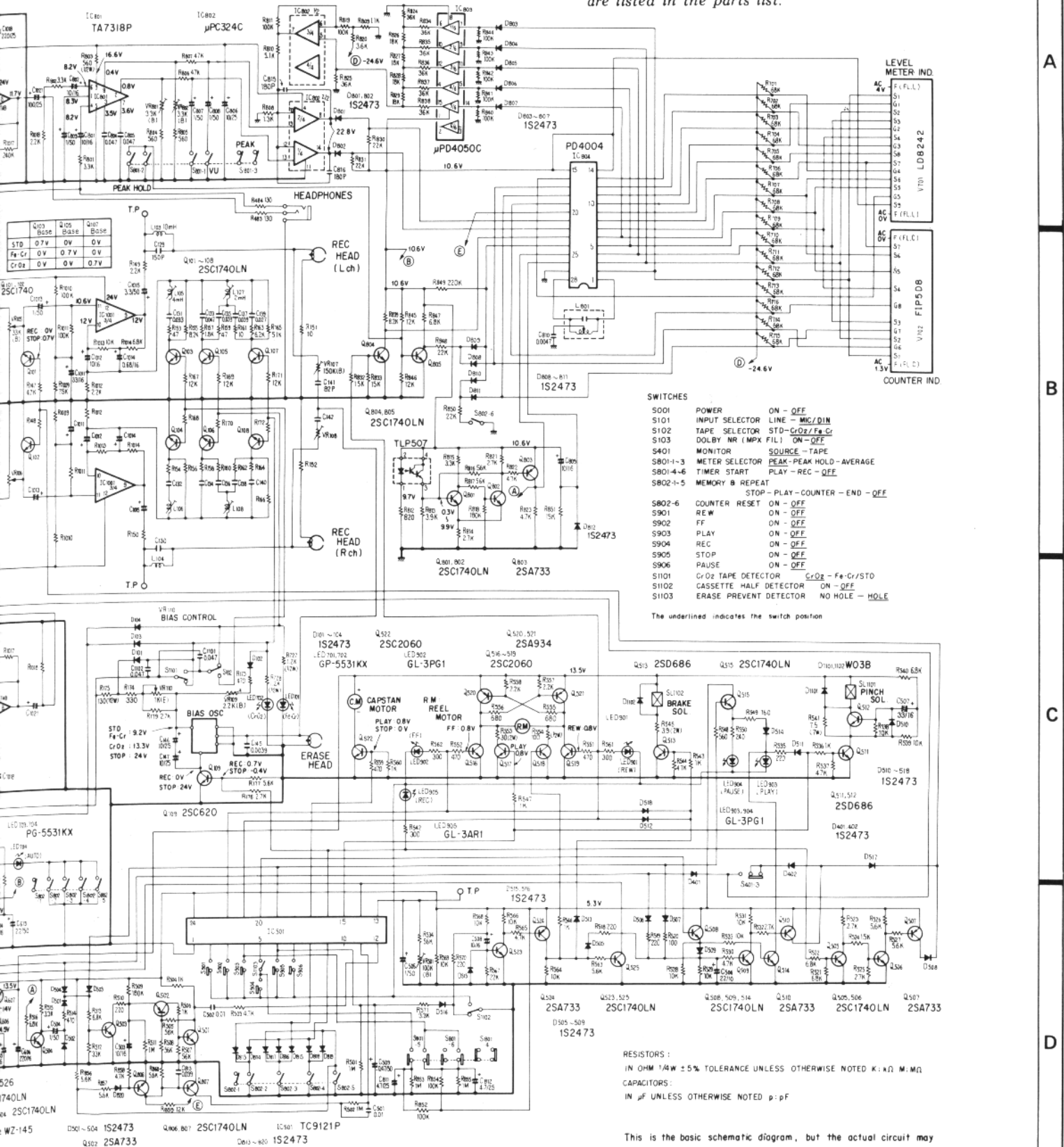
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NOTE:
The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.



- SWITCHES**
- S001 POWER ON - OFF
 - S101 INPUT SELECTOR LINE - MC/DIN
 - S102 TAPE SELECTOR STD - Cr/Oz/Fa-Cr
 - S103 DOLBY NR (MPX FIL) ON - OFF
 - S401 MONITOR SOURCE - TAPE
 - S801-1-3 METER SELECTOR PEAK - PEAK HOLD - AVERAGE
 - S801-4-6 TIMER START PLAY - REC - QFF
 - S802-1-5 MEMORY B REPEAT
 - S802-6 STOP - PLAY - COUNTER - END - QFF
 - S901 COUNTER RESET ON - OFF
 - S902 REW ON - OFF
 - S903 FF ON - OFF
 - S904 PLAY ON - OFF
 - S905 REC ON - OFF
 - S906 STOP ON - OFF
 - S906 PAUSE ON - OFF
 - S1101 Cr/Oz TAPE DETECTOR Cr/Oz - Fa-Cr/STD
 - S1102 CASSETTE HALF DETECTOR ON - OFF
 - S1103 ERASE PREVENT DETECTOR NO HOLE - HOLE
- The underlined indicates the switch position

RESISTORS:
IN OHM 1/4W ± 5% TOLERANCE UNLESS OTHERWISE NOTED K: K Ω M: M Ω
CAPACITORS:
IN μF UNLESS OTHERWISE NOTED p: pF

This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

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A

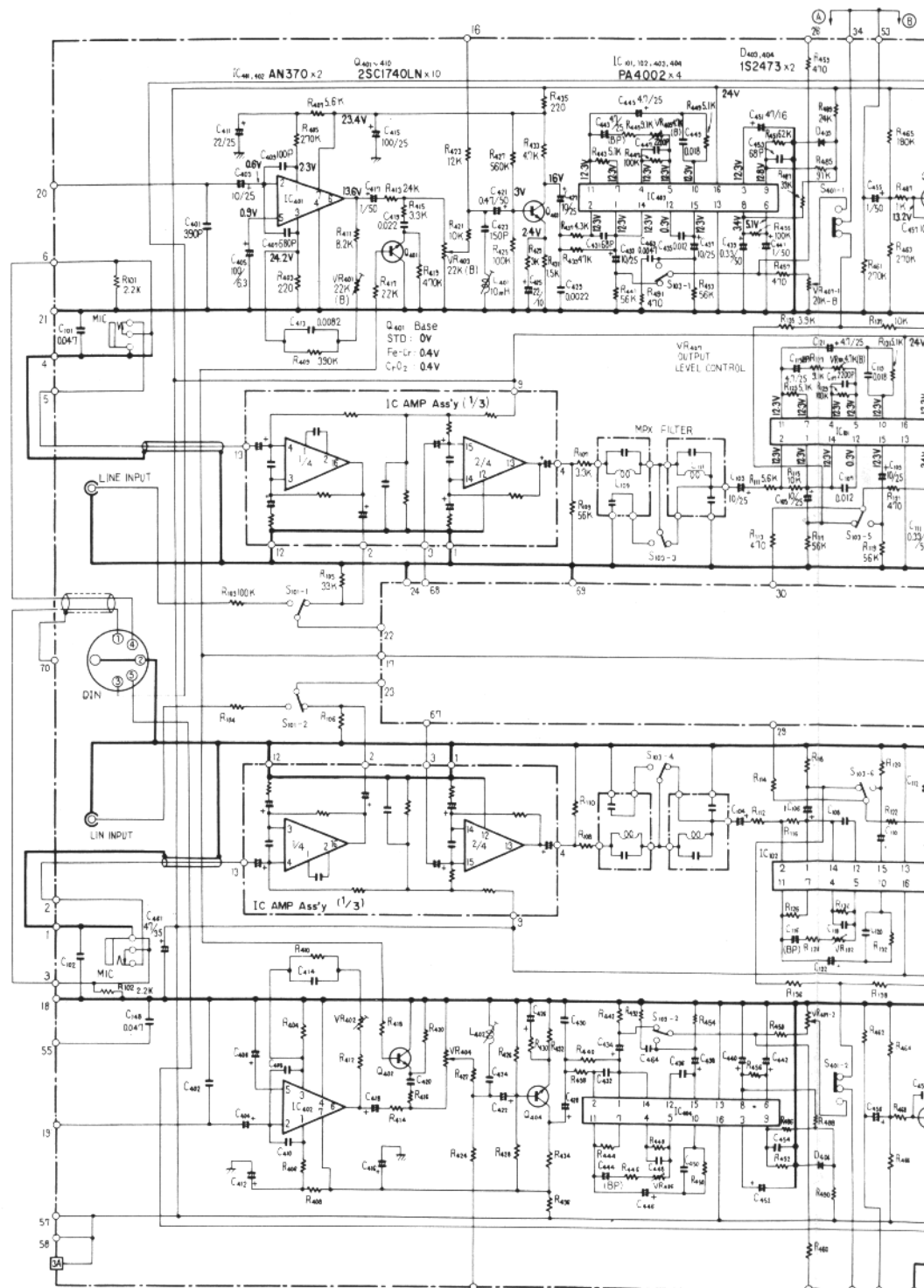
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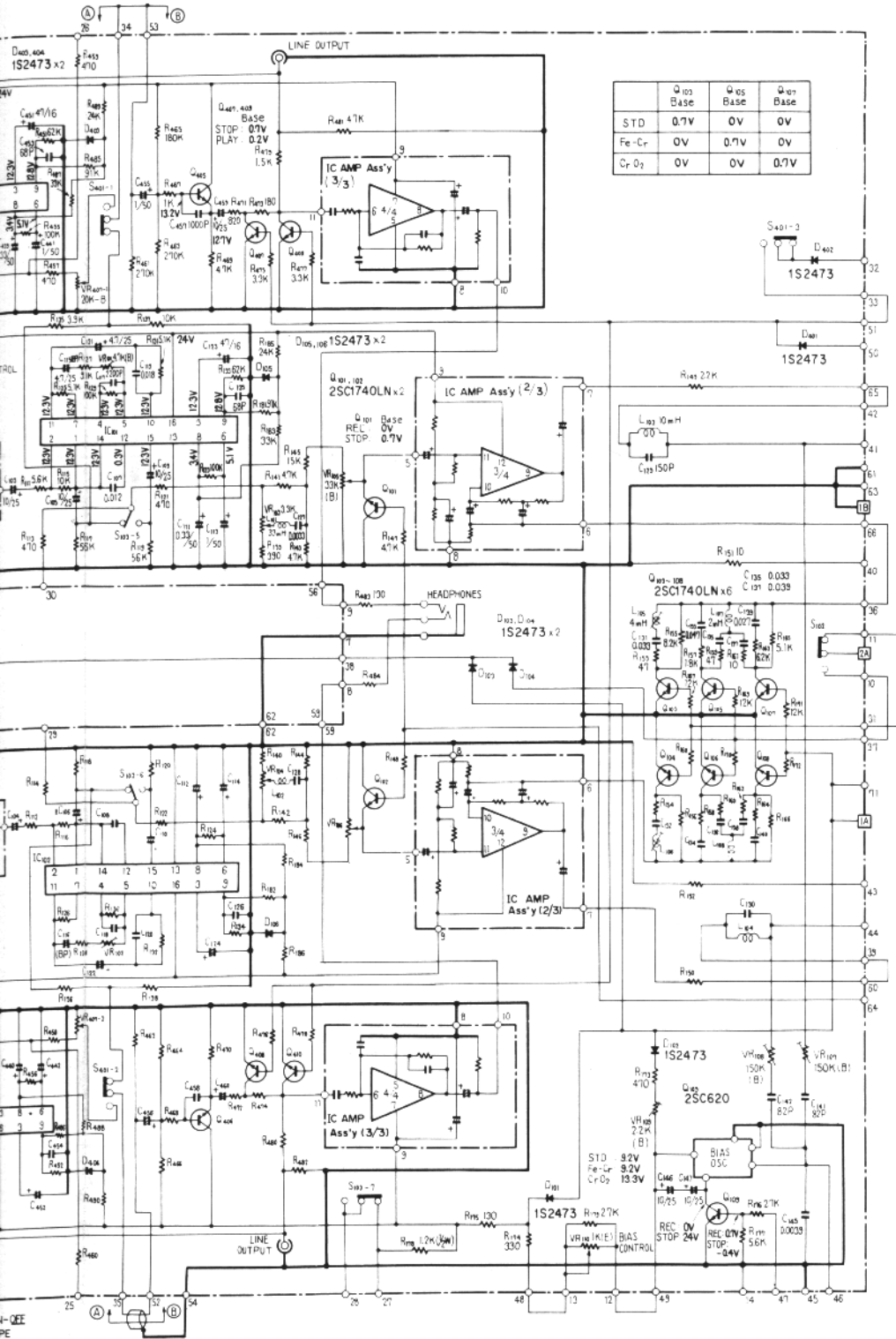
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4. MOTHER ASSEMBLY(RWX-245) OF CT-F900/D, D/G



S101-1-2 INPUT SELECTOR LINE - MIC S103-1-7 DOLBY NR/MPX (FL) ON-OFF
 S102 TAPE SELECTOR STD - CrO2 - Fe-Cr S104-1-4 MONITOR SOURCE-TAPE

The underlined indicates the switch position



A

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