

1 2 3 4 5

A

B

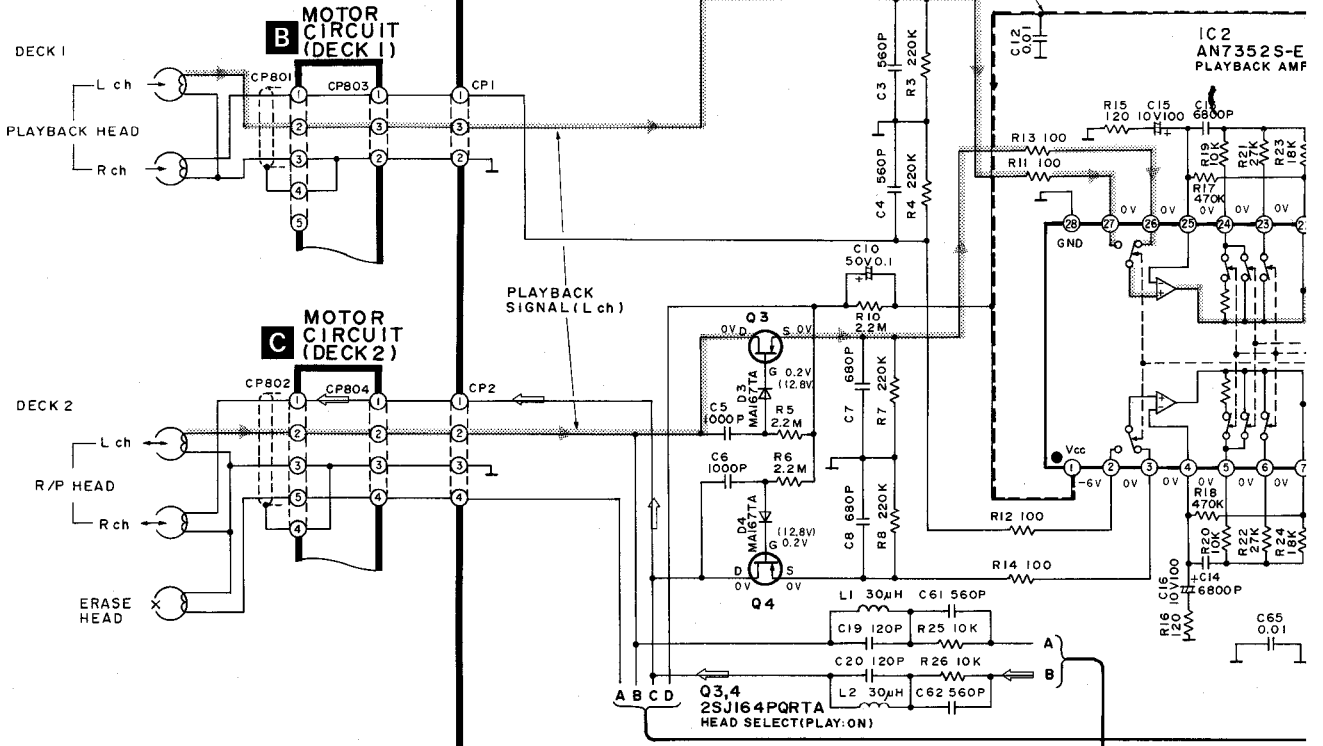
C

D

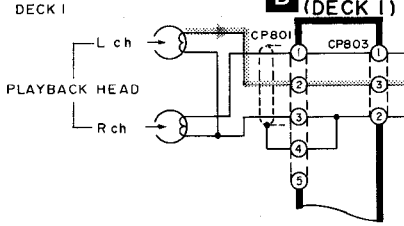
E

F

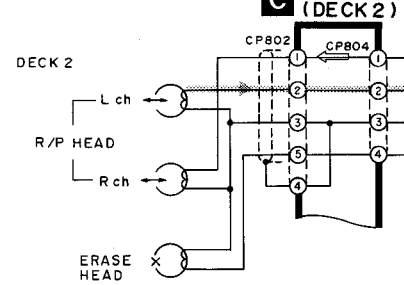
A MAIN CIRCUIT (PLAYBACK EQ AMP/POWER SUPPLY/DOLBY NR/HX)



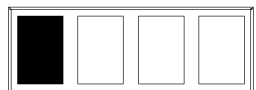
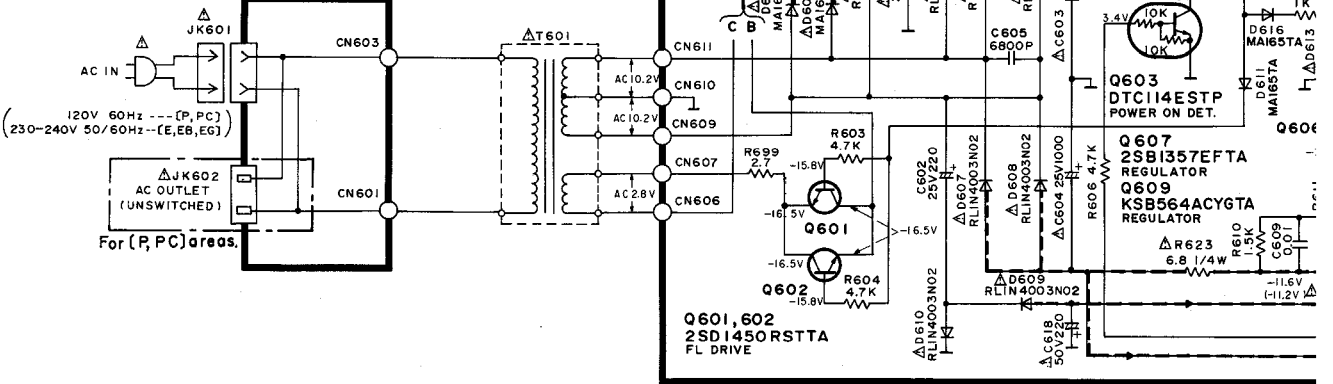
B MOTOR CIRCUIT (DECK 1)



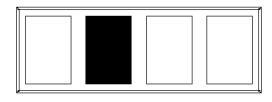
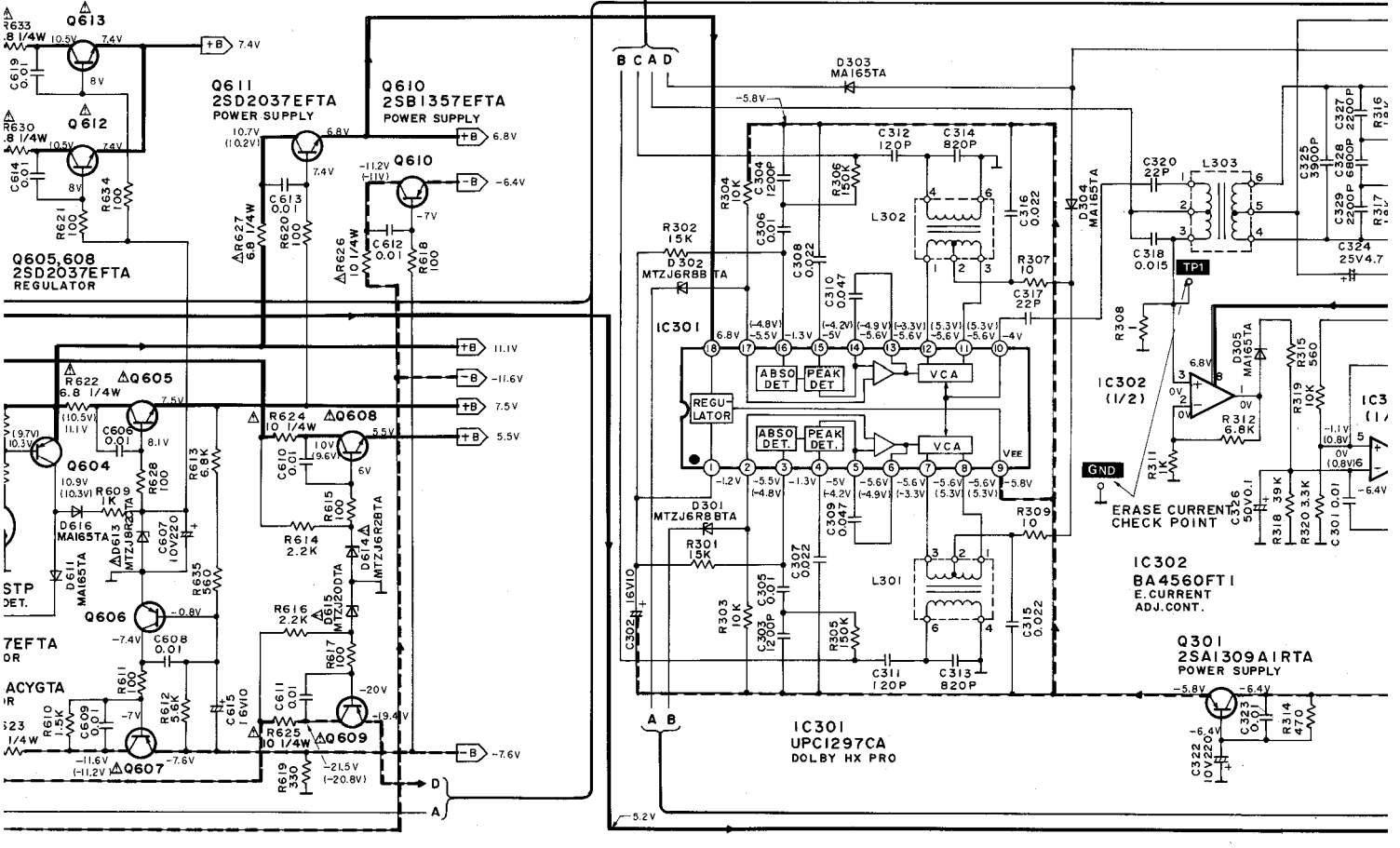
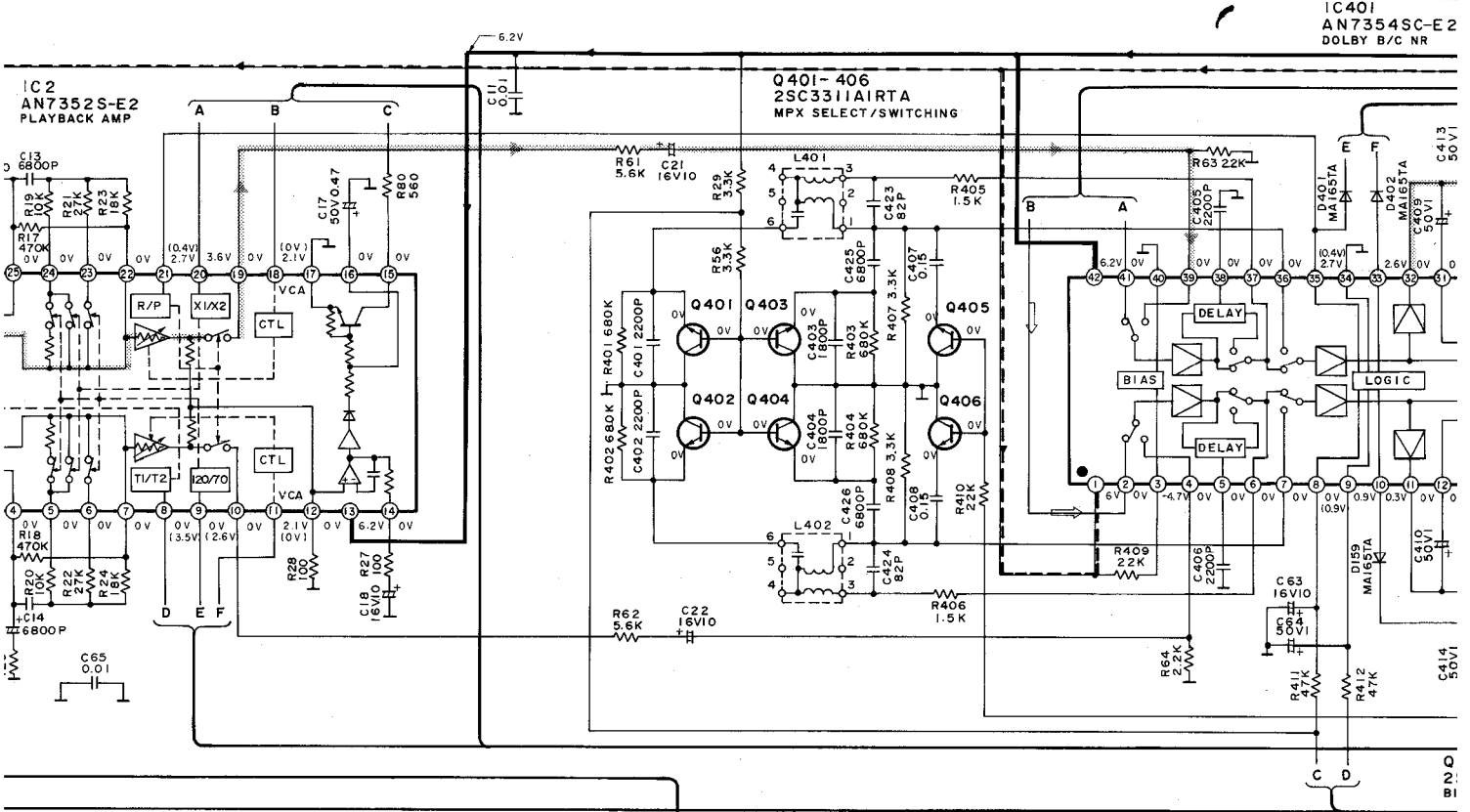
C MOTOR CIRCUIT (DECK 2)



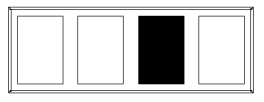
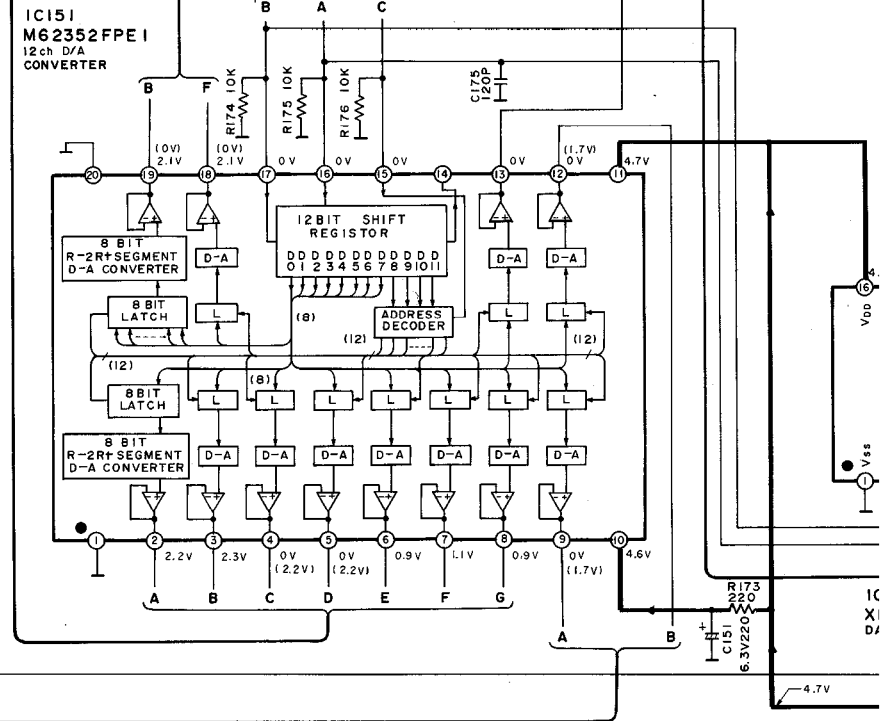
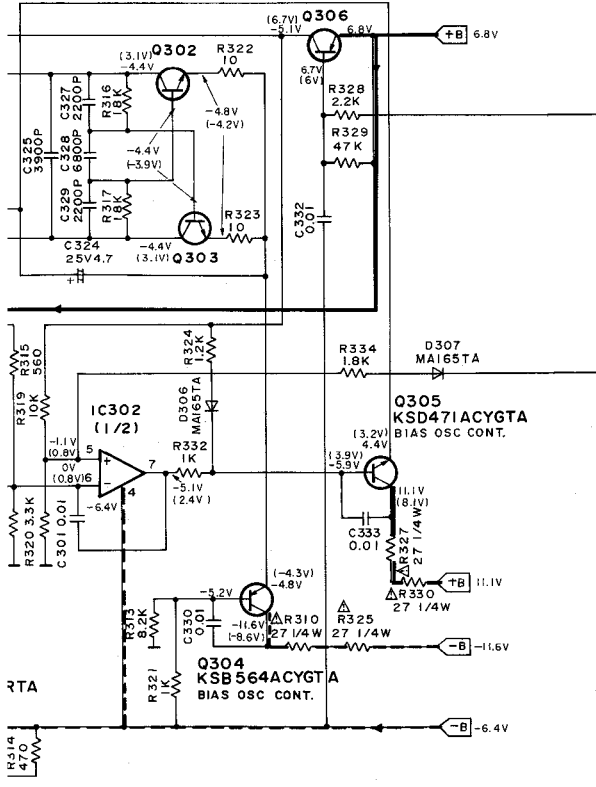
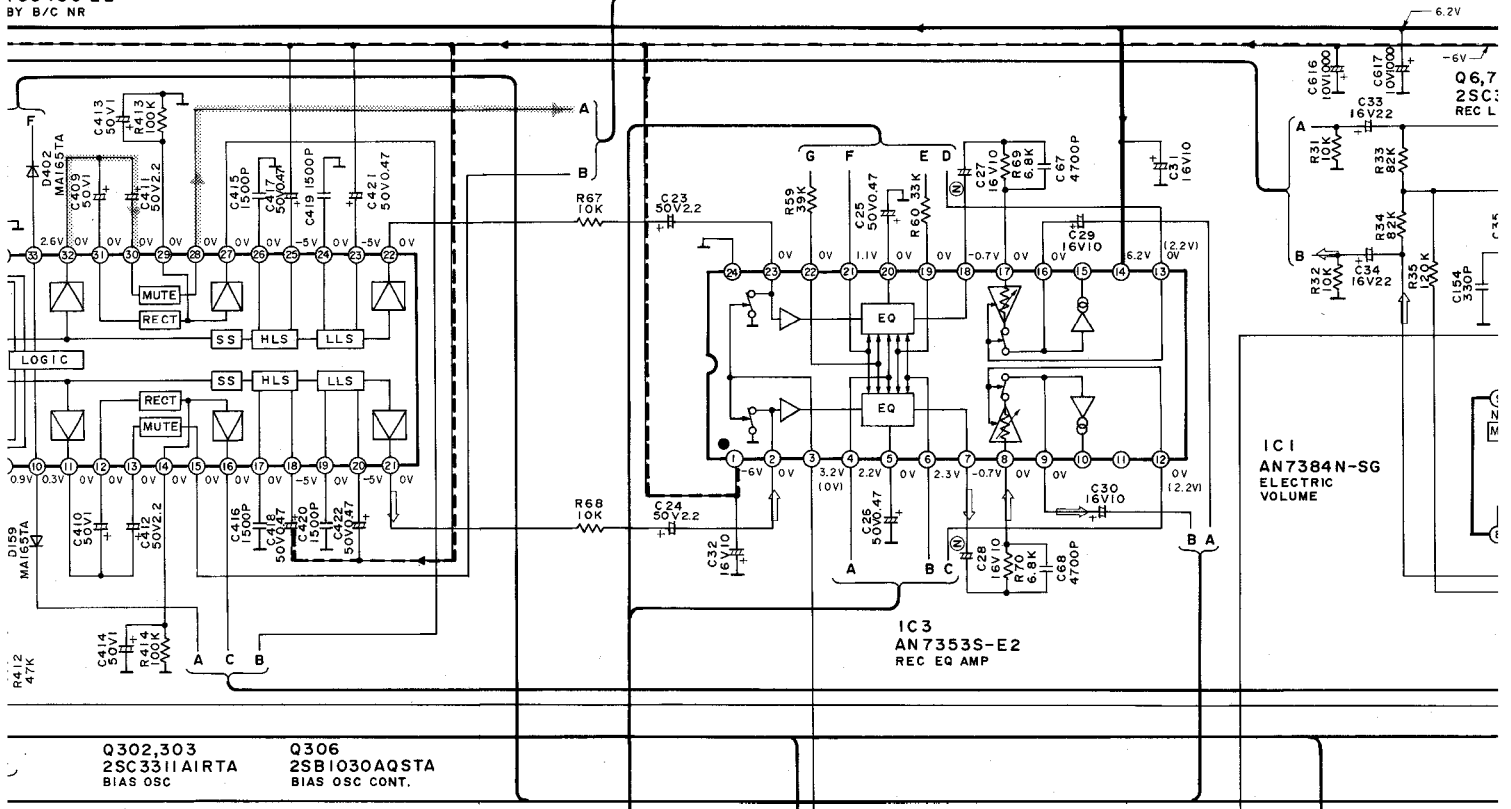
D POWER SUPPLY CIRCUIT

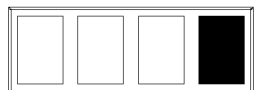
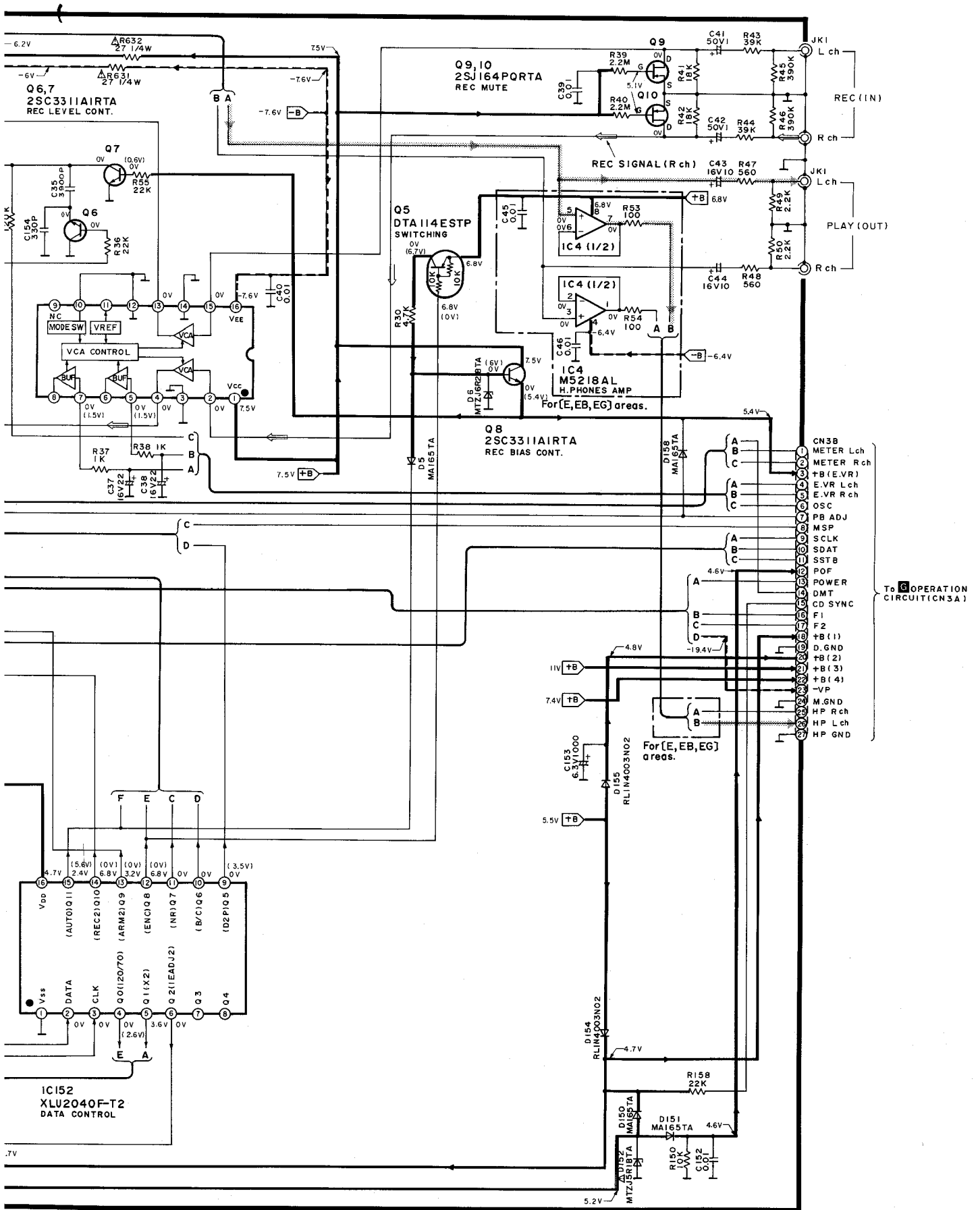


BY NR/HX PRO/BIAS OSC/REC EQ AMP/CONTROL/ELECTRIC VOLUME)

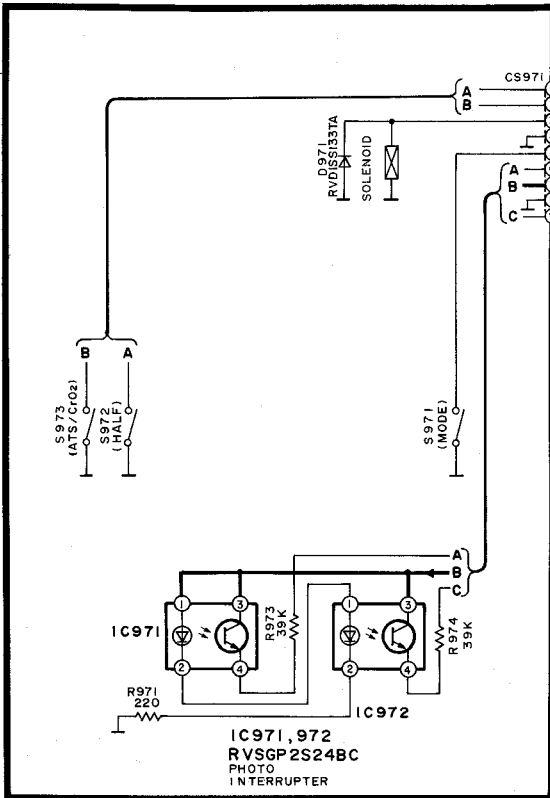


101
7354SC-E2
BY B/C NR

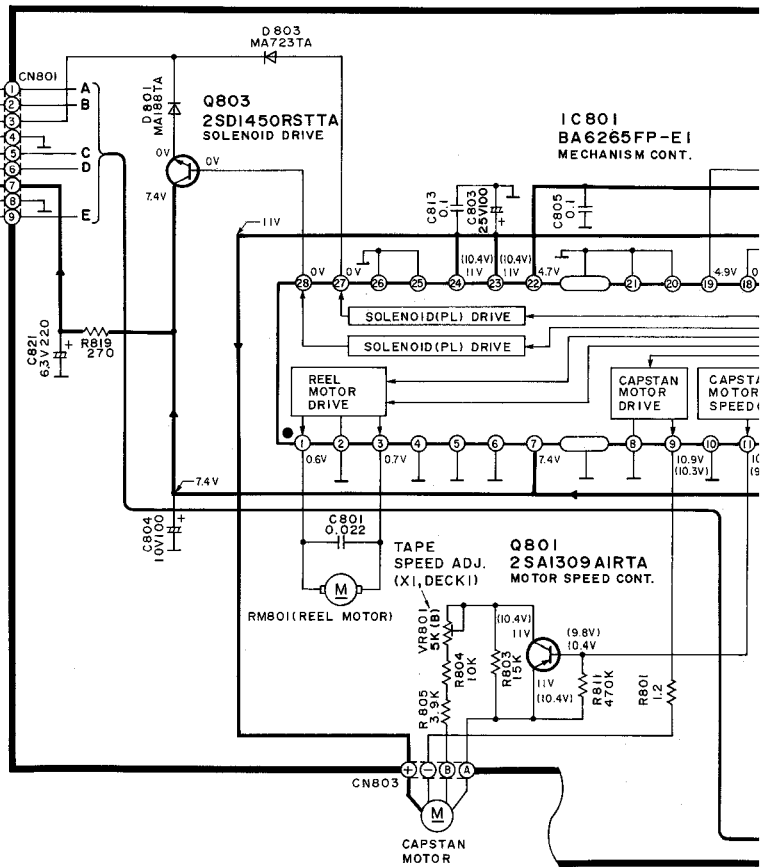




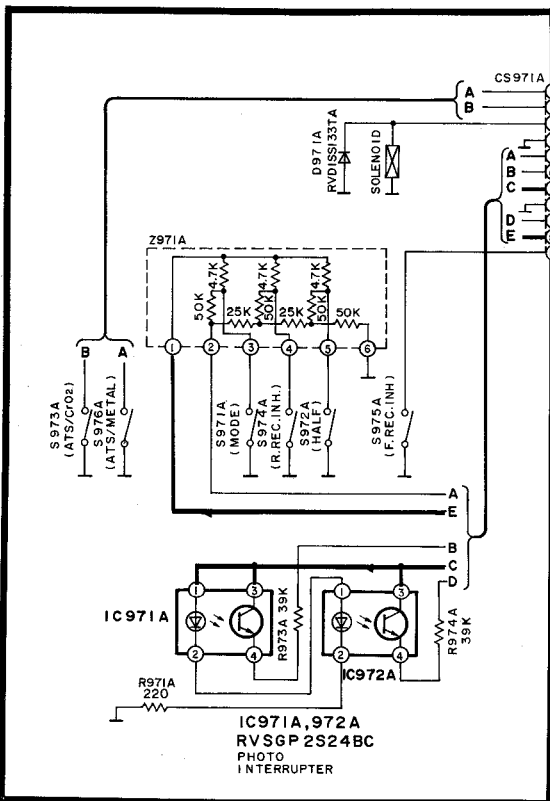
E MECHANISM CIRCUIT (DECK 1)



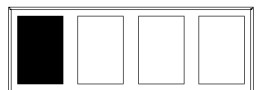
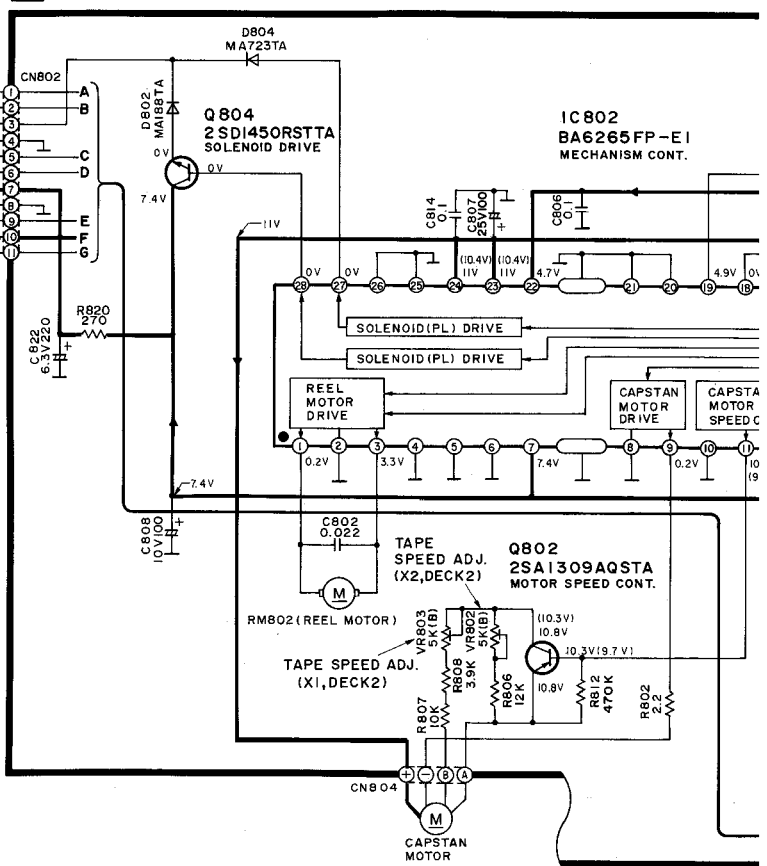
B MOTOR CIRCUIT (DECK 1)



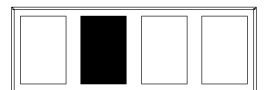
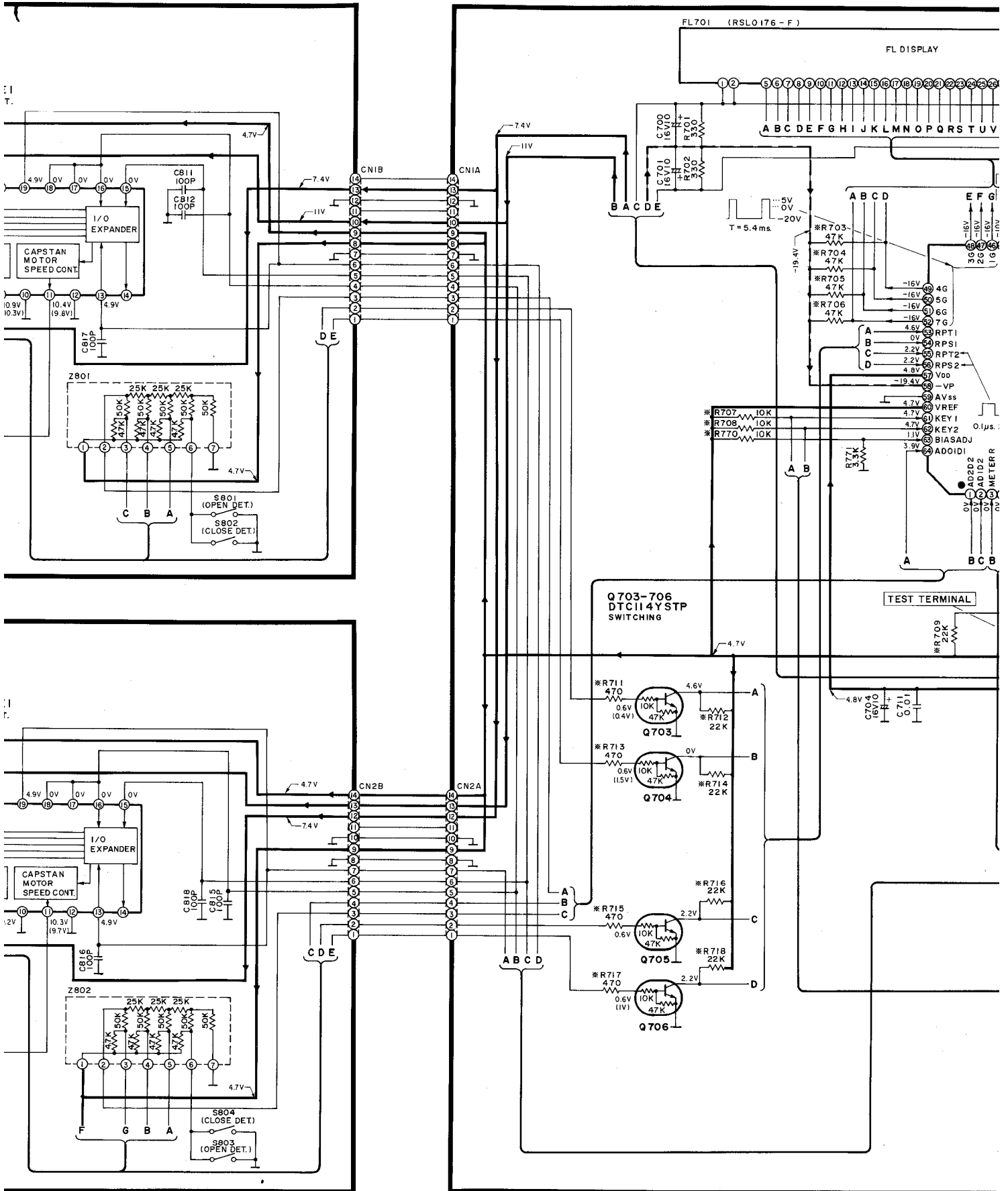
F MECHANISM CIRCUIT (DECK 2)

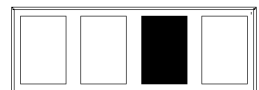
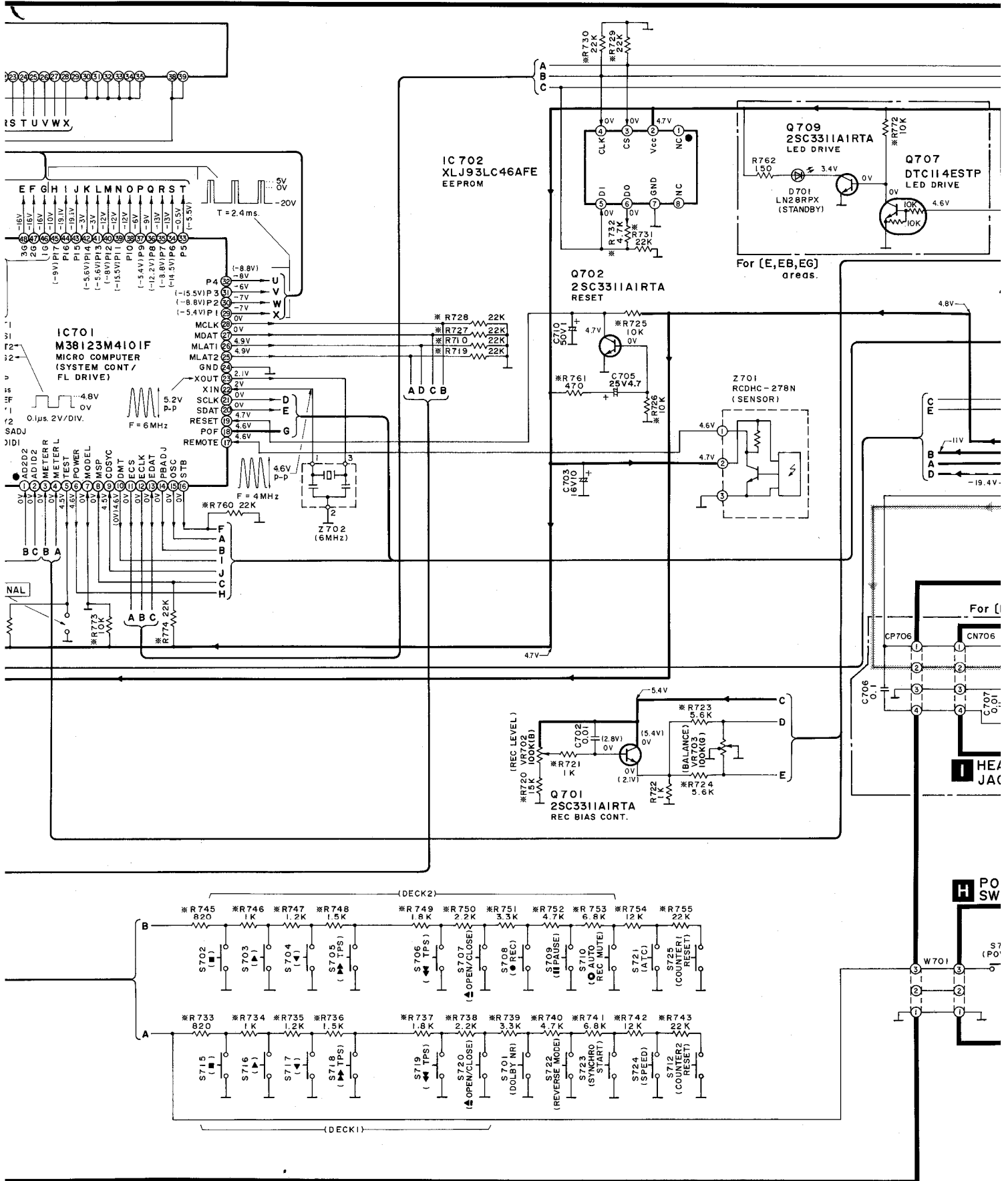


C MOTOR CIRCUIT (DECK 2)



G OPERATION CIRCUIT








SCHEMATIC DIAGRAM (Parts list on pages 57~60.)

(This schematic diagram may be modified at any time with the development of new technology.)

Note 1:

- S701 : Dolby noise-reduction switch (DOLBY NR; , , )
- S702 : DECK 2 Stop switch ()
- S703 : DECK 2 Forward-side playback switch ()
- S704 : DECK 2 Reverse-side playback switch ()
- S705 : DECK 2 Fast-forward search switch () TPS).
- S706 : DECK 2 Rewind search switch () TPS).
- S707 : DECK 2 Open/close switch () OPEN/CLOSE).
- S708 : DECK 2 Record switch () REC).
- S709 : DECK 2 Pause switch () PAUSE).
- S710 : DECK 2 Automatic-record-muting switch () AUTO REC MUTE).
- S712 : DECK 2 Counter reset switch (COUNTER 2 RESET).
- S714 : Power "STANDBY ϕ /ON" switch (POWER, STANDBY ϕ /ON).
- S715 : DECK 1 Stop switch ()
- S716 : DECK 1 Forward-side playback switch ()
- S717 : DECK 1 Reverse-side playback switch ()
- S718 : DECK 1 Fast-forward search switch () TPS).
- S719 : DECK 1 Rewind search switch () TPS).
- S720 : DECK 1 Open/close switch () OPEN/CLOSE).
- S721 : Auto tape calibration switch (ATC).
- S722 : Reverse-mode select switch (REVERSE MODE).
- S723 : Synchro-start switch (SYNCHRO START).
- S724 : Tape-to-tape recording-speed switch (SPEED; X1, X2).
- S725 : DECK 1 Counter reset switch (COUNTER 1 RESET)
- S801 : DECK 1 Cassette holder open detection switch in "off" position.
- S802 : DECK 1 Cassette holder close detection switch in "off" position.
- S803 : DECK 2 Cassette holder open detection switch in "off" position.
- S804 : DECK 2 Cassette holder close detection switch in "off" position.
- S971 : DECK 1 Mode switch in "off" position.
- S971A : DECK 2 Mode switch in "off" position.
- S972 : DECK 1 Half switch in "off" position.
- S972A : DECK 2 Half switch in "off" position.
- S973 : DECK 1 ATS (CrO₂) switch in "off" position.
- S973A : DECK 2 ATS (CrO₂) switch in "off" position.
- S974A : DECK 2 Reverse rec. inhibit switch in "off" position.
- S975A : DECK 2 Forward rec. inhibit switch in "off" position.
- S976A : DECK 2 ATS (Metal) switch in "off" position.
- Resistance are in ohms (Ω), 1/4 watt unless specified otherwise.
1K=1,000 (Ω), 1M=1,000k (Ω)
- Capacity are in micro-farads (μ F) unless specified otherwise.
- All voltage values shown in circuitry are under no signal condition and playback mode with volume control at minimum position otherwise specified.
() Voltage values at record mode.
- For measurement us EVM.
- Important safety notice
Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.
- () indicates +B (bias).
- () indicates -B (bias).
- () indicates the flow of the playback signal.
- () indicates the flow of the record signal.
- The supply part number is described alone in the replacement parts list,

| Ref. No. | Production Part No. | Supply Part No. |
|----------|---------------------|-----------------|
| IC4 | M5218AL | M5218L |
| IC152 | XLU2040F-T2 | XLU2040F-T1 |
| IC302 | BA4560FT1 | SVIBA4560FT1 |

※ marks indicate printed resistor.

Caution!

- IC and LSI are sensitive to static electricity.
- Secondary trouble can be prevented by taking care during repair.
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the legs of IC or LSI with the fingers directly.

