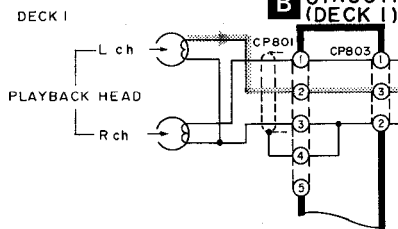


1 2 3 4 5

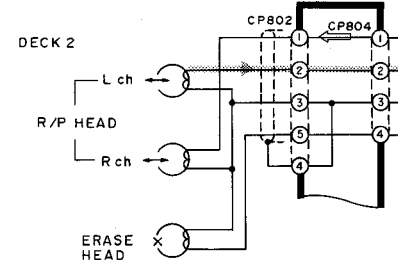
A

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

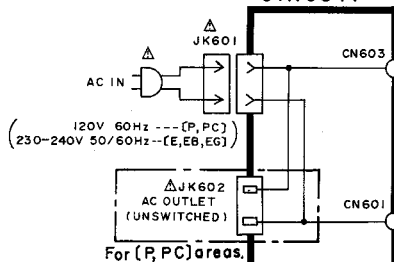
B

B MOTOR CIRCUIT (DECK 1)

C

C MOTOR CIRCUIT (DECK 2)

D

D POWER SUPPLY CIRCUIT

E

F

PLAYBACK SIGNAL (L ch)

Q3,4
2SJ164PQRTA
HEAD SELECT (PLAY:ON)

Q612,613
2SD2037EFTA
REGULATOR

Q604,606
2SA1309A1RTA
STABILIZER

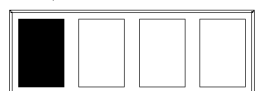
Q605,608
2SD2037EFTA
REGULATOR

Q601,602
2SD1450RSTTA
FL DRIVE

Q603
DTC114ESTP
POWER ON DET.

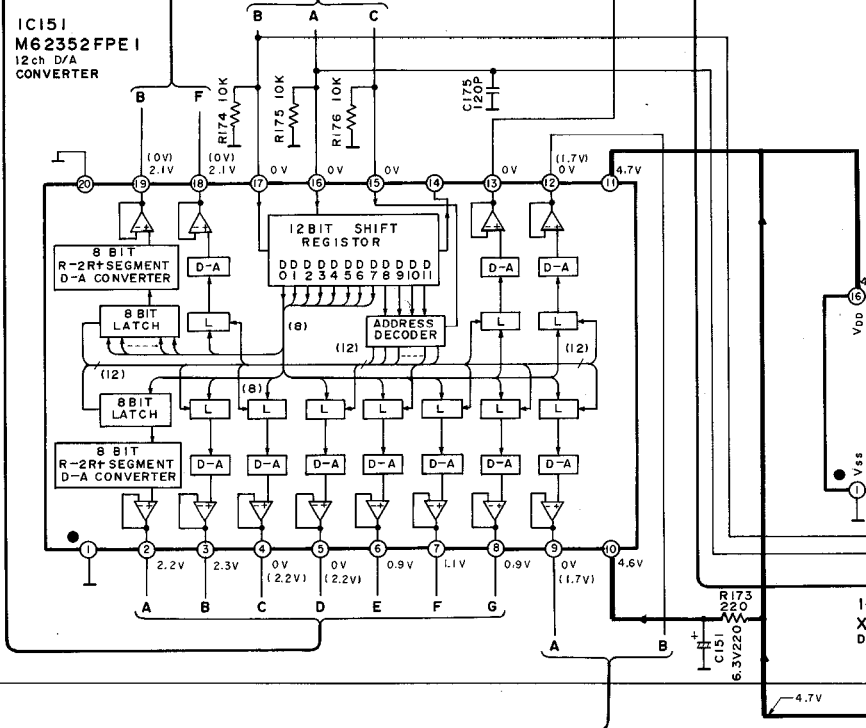
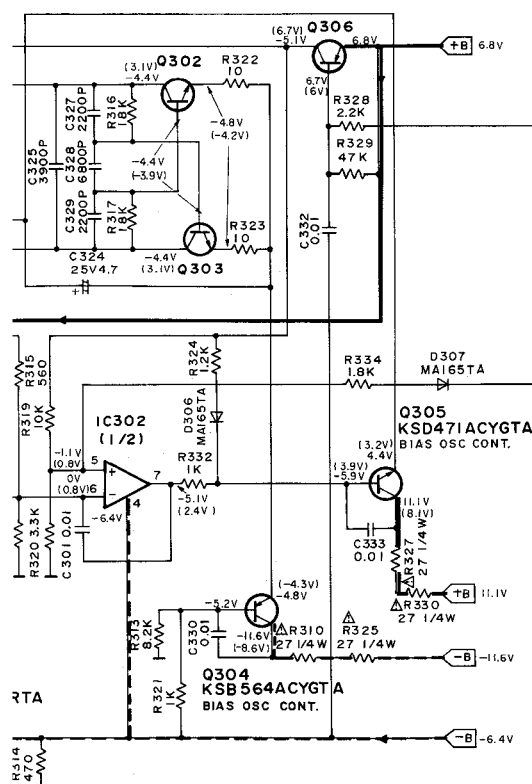
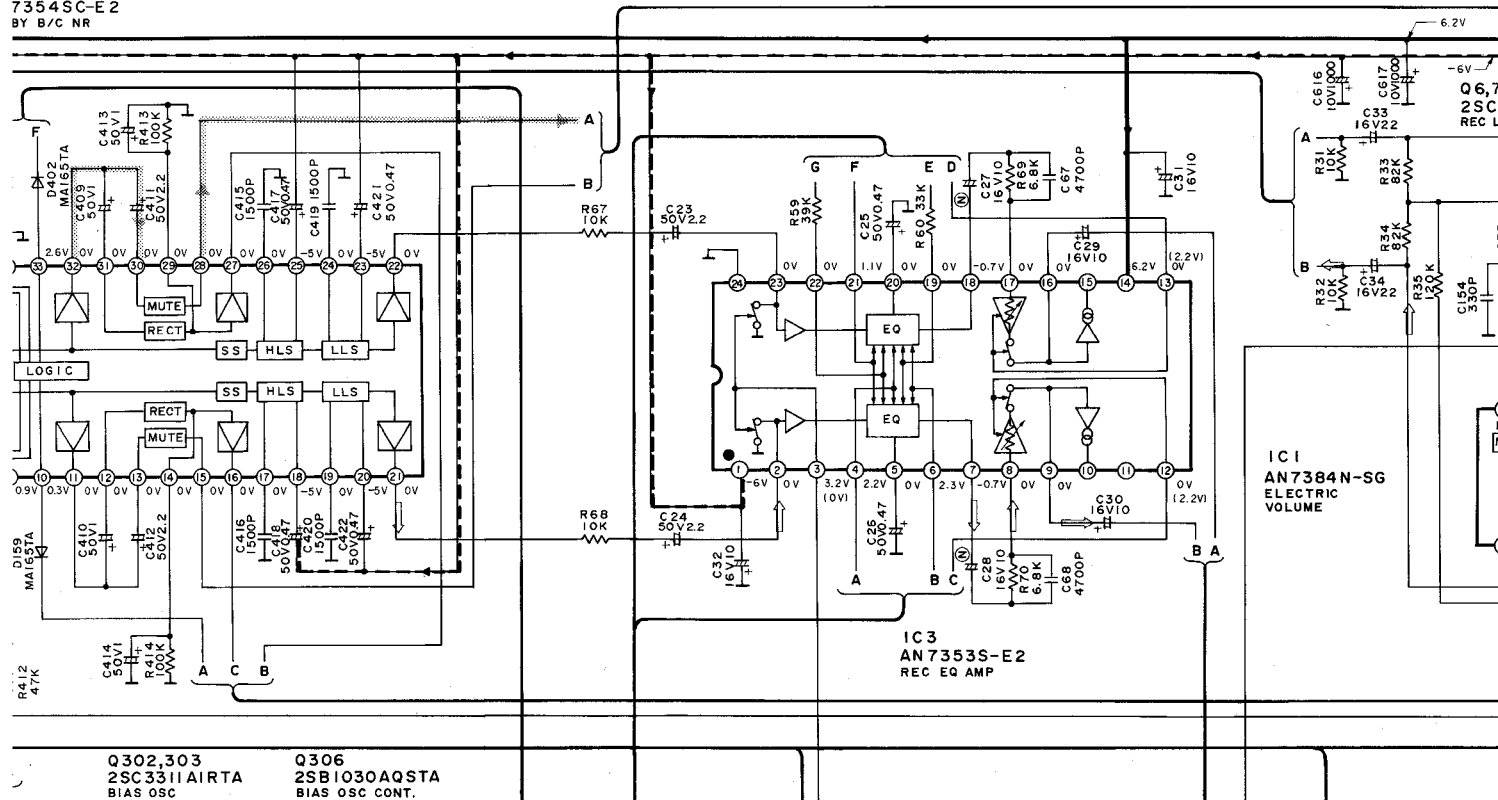
Q607
2SB1357EFTA
REGULATOR

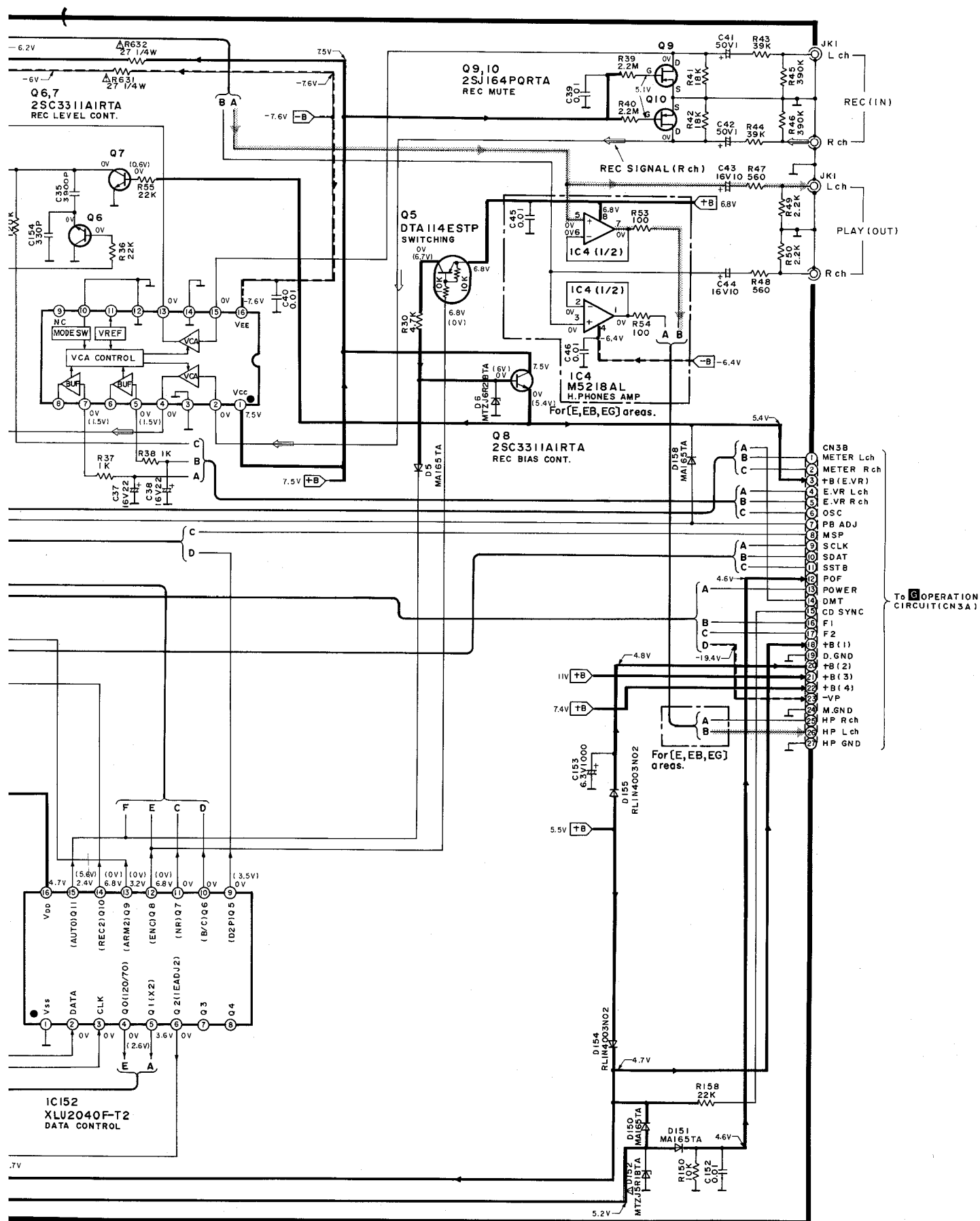
Q609
KSB564ACYGTA
REGULATOR

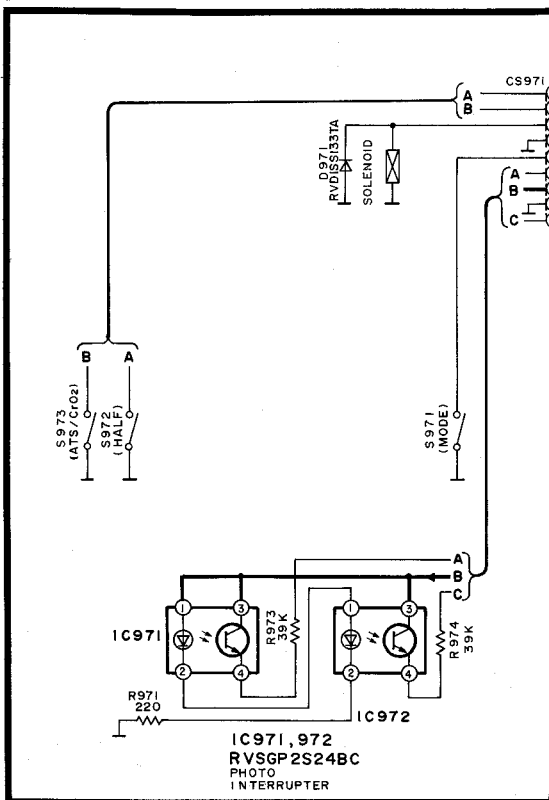
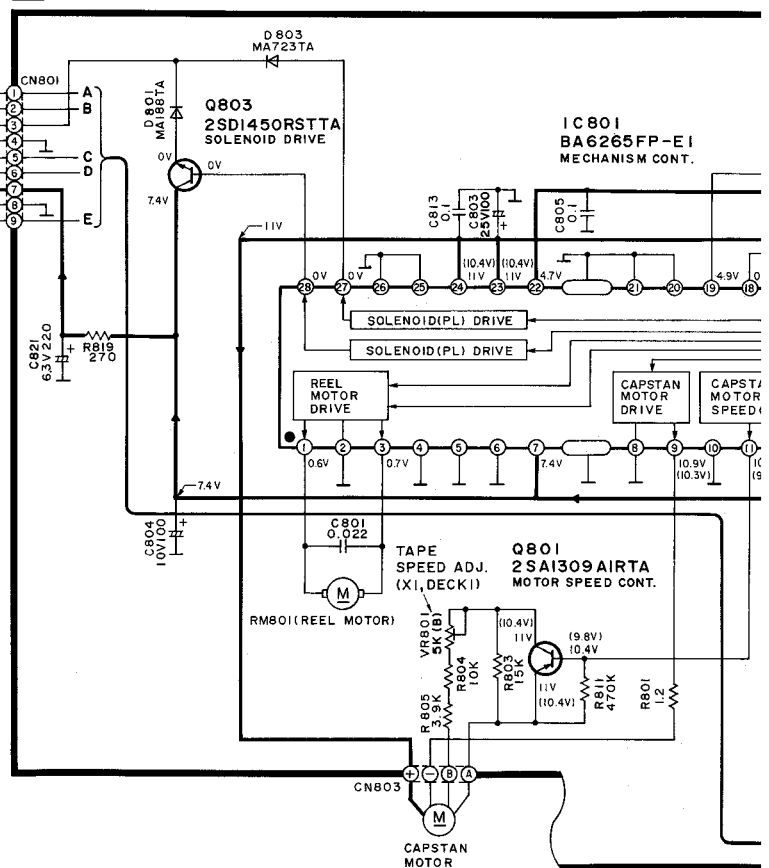
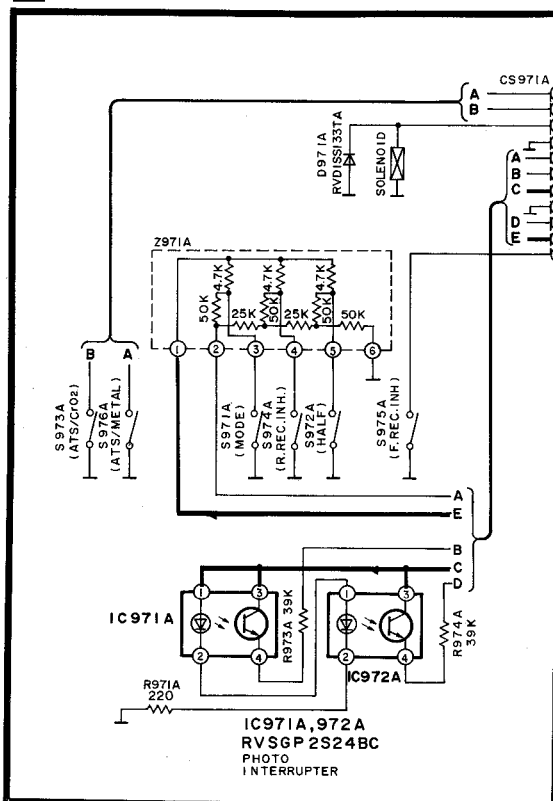
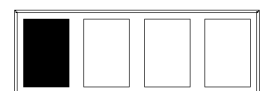
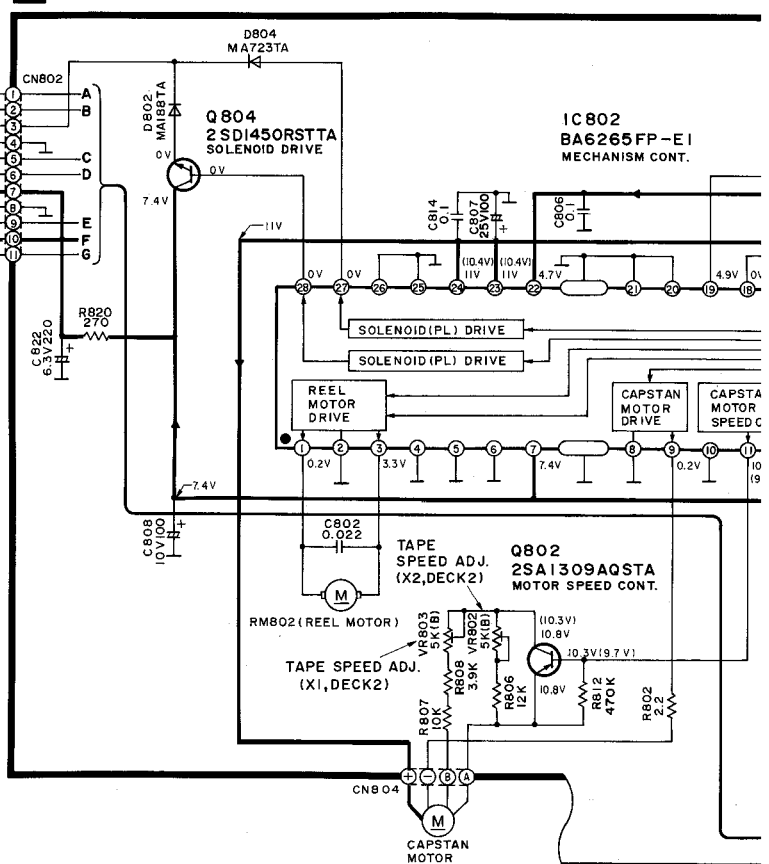




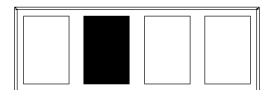
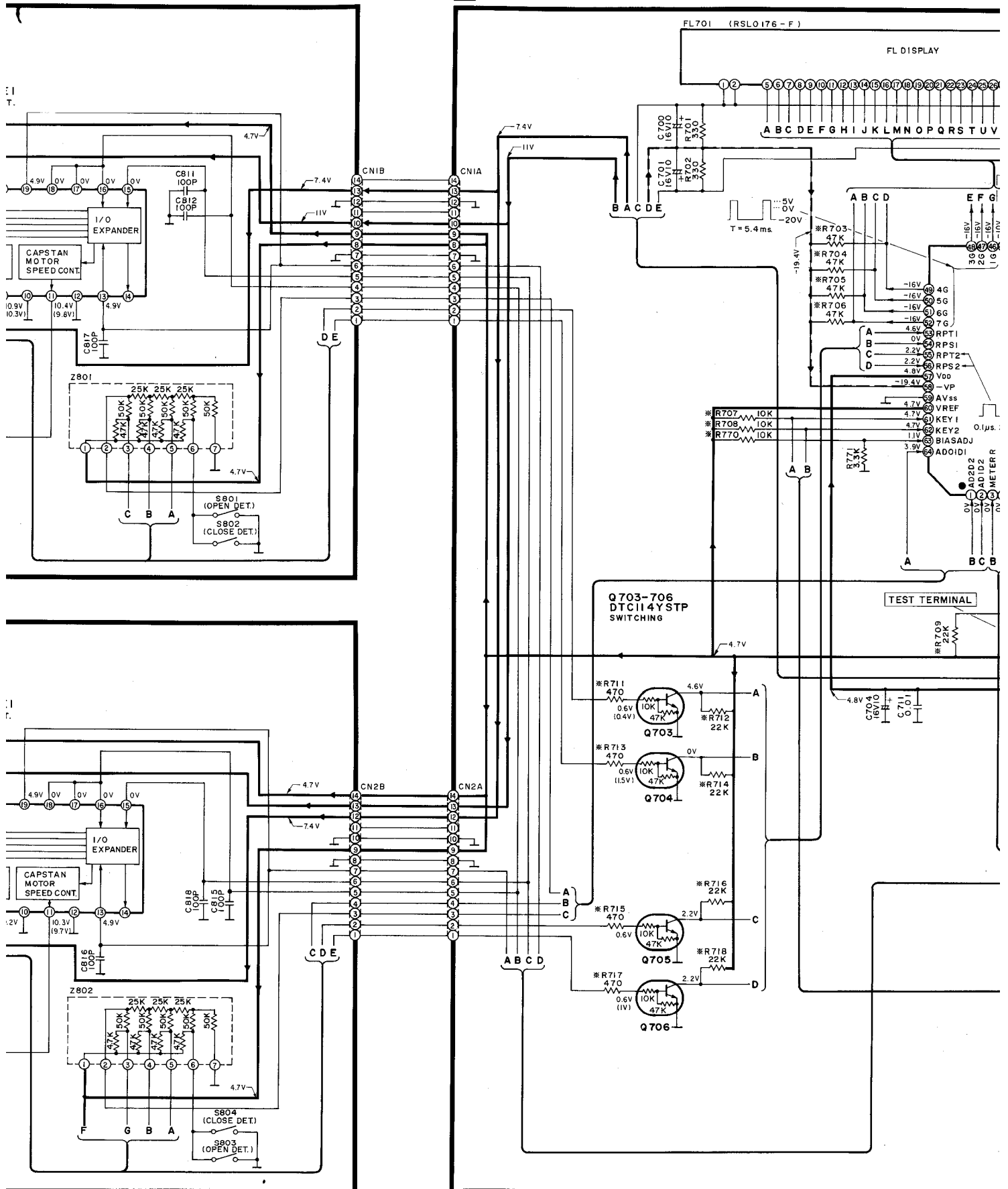
7354SC-E2
BY B/C NR

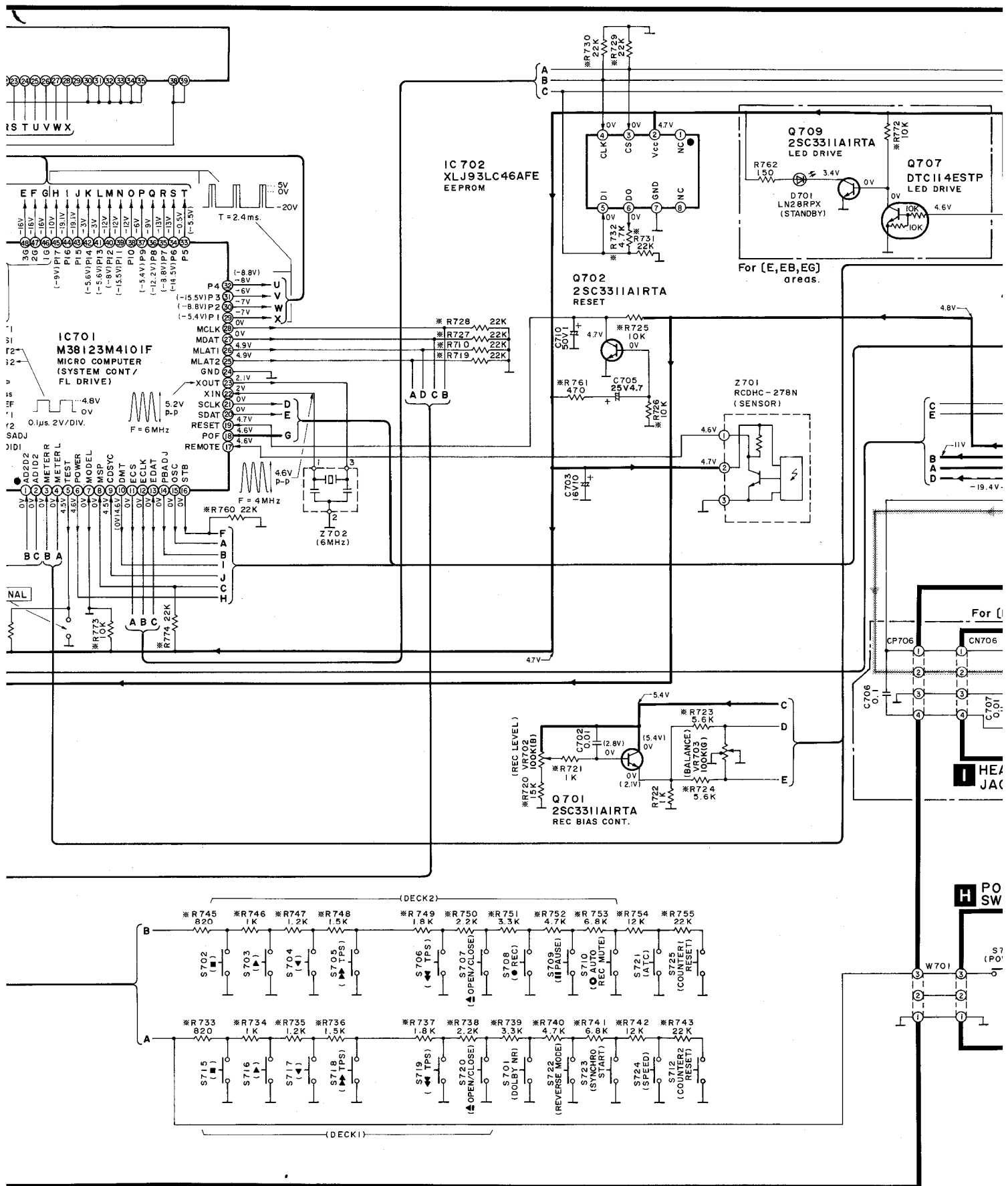




E MECHANISM CIRCUIT (DECK 1)**B MOTOR CIRCUIT (DECK 1)****F MECHANISM CIRCUIT (DECK 2)****C MOTOR CIRCUIT (DECK 2)**

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  /ON" switch (POWER, STANDBY  /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 use 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.

- ( +B) indicates +B (bias).
- ( -B) 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

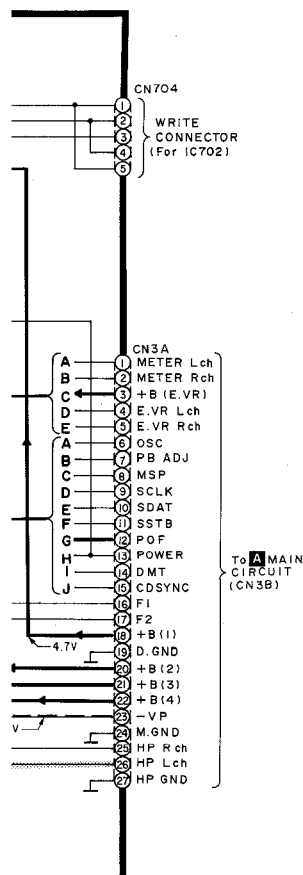
※ marks indicate printed resistor.

Caution!

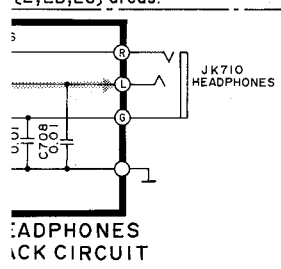
IC and LSI are sensitive to static electricity.

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.



(E, EB, EG) areas.



POWER SWITCH CIRCUIT

