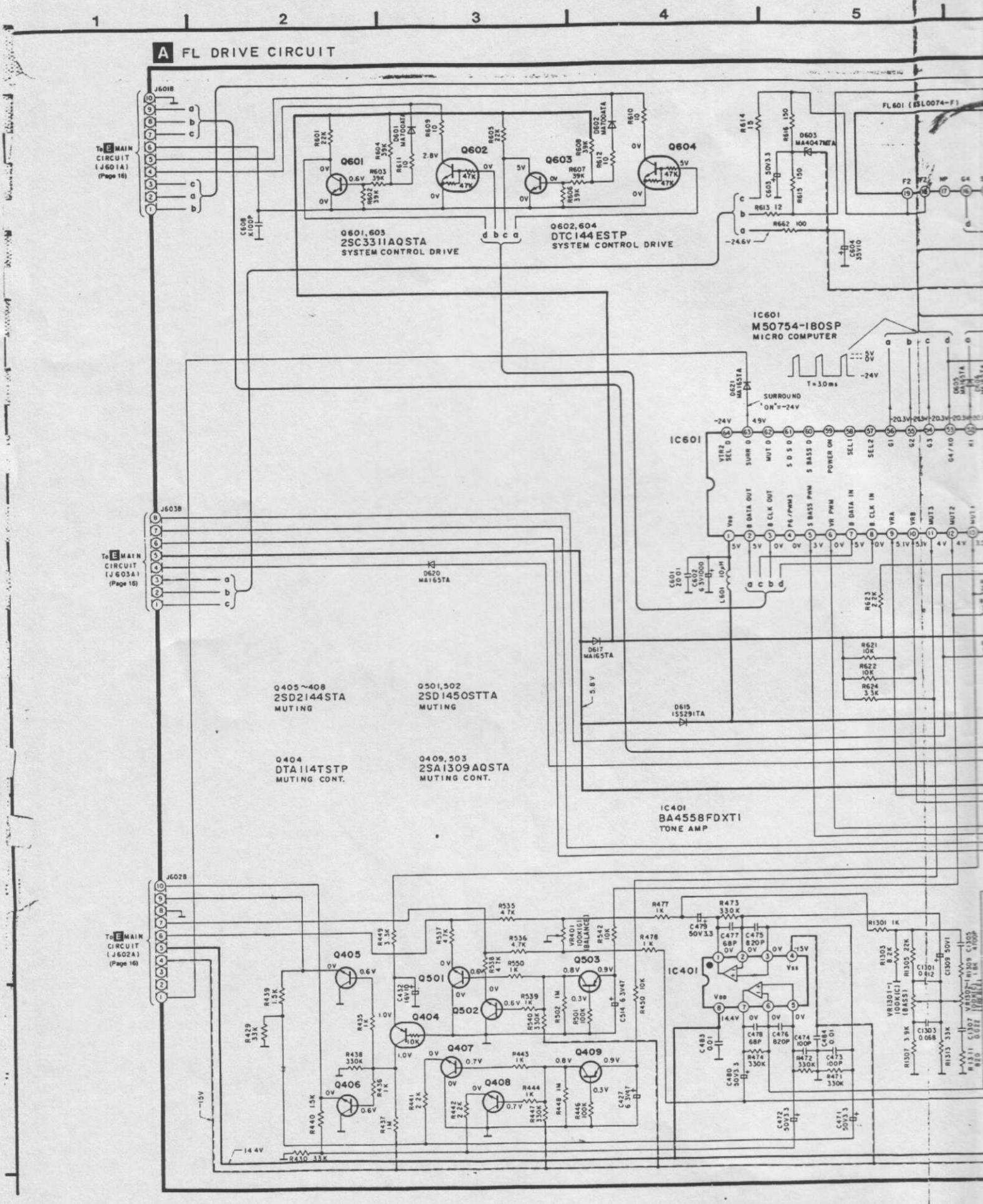
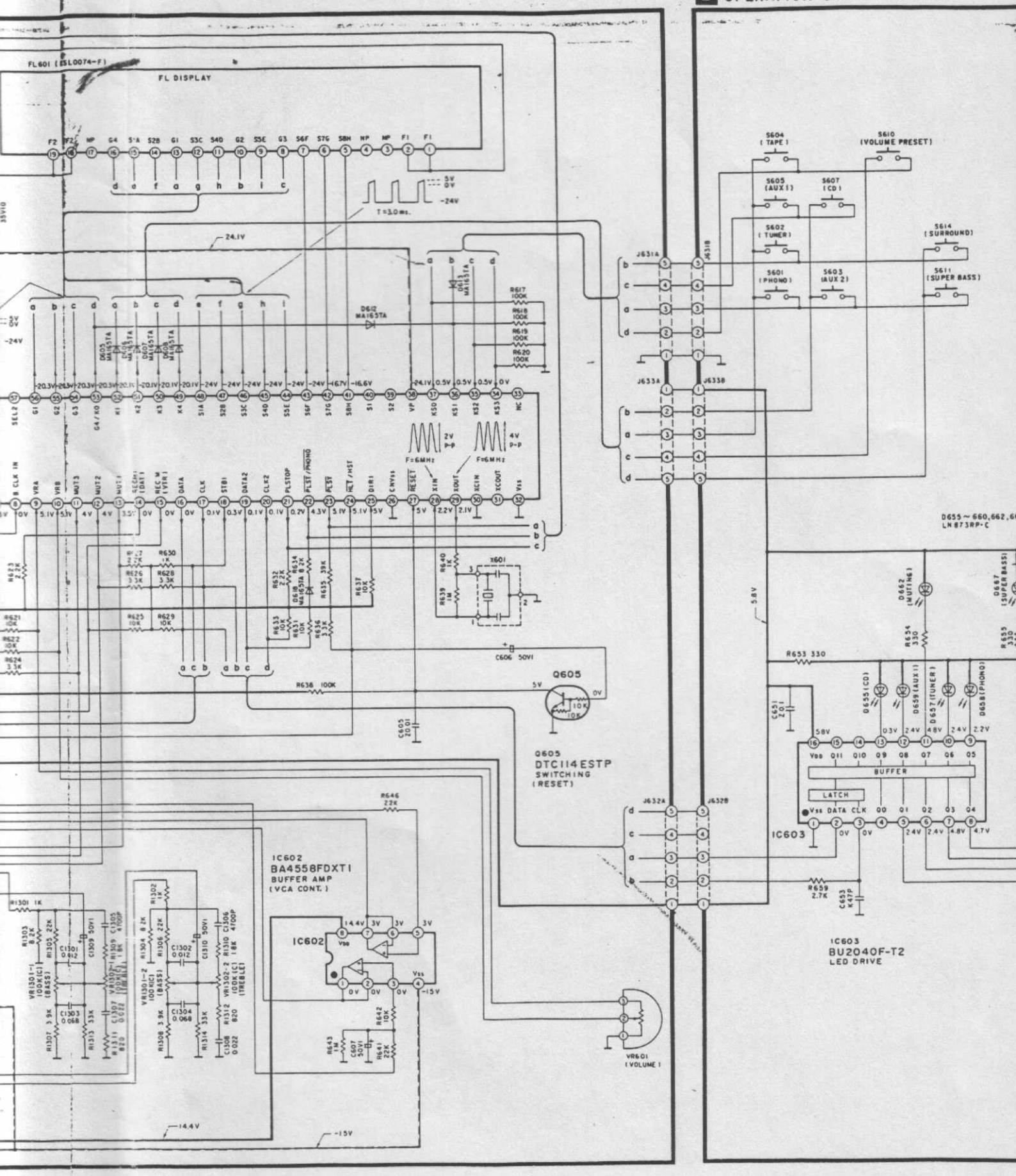
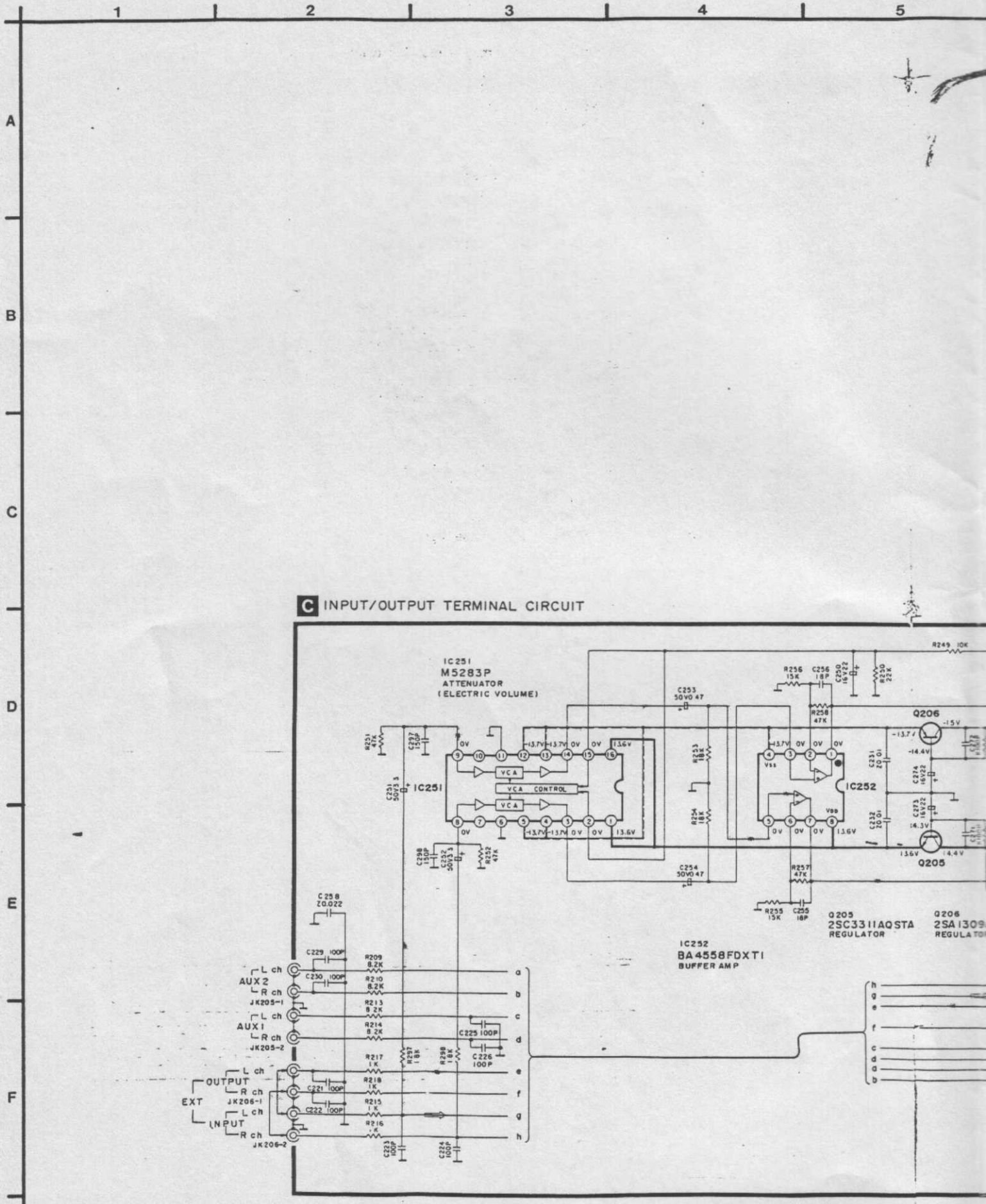
SCHEMATIC DIAGRAM



B OPERATION SWITCH CIRCUIT

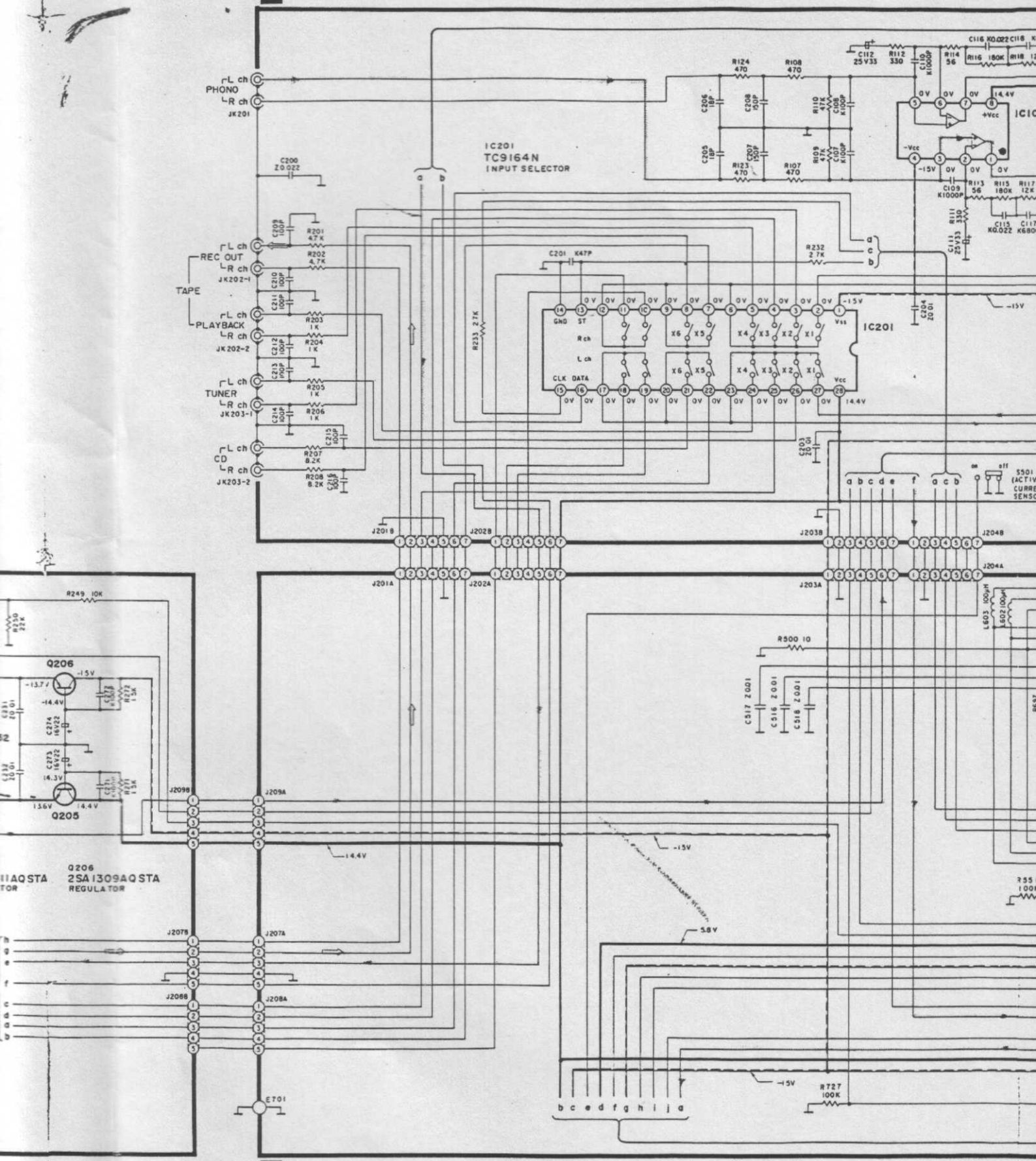


■ SCHEMATIC DIAGRAM



5 6 7 8 9 10

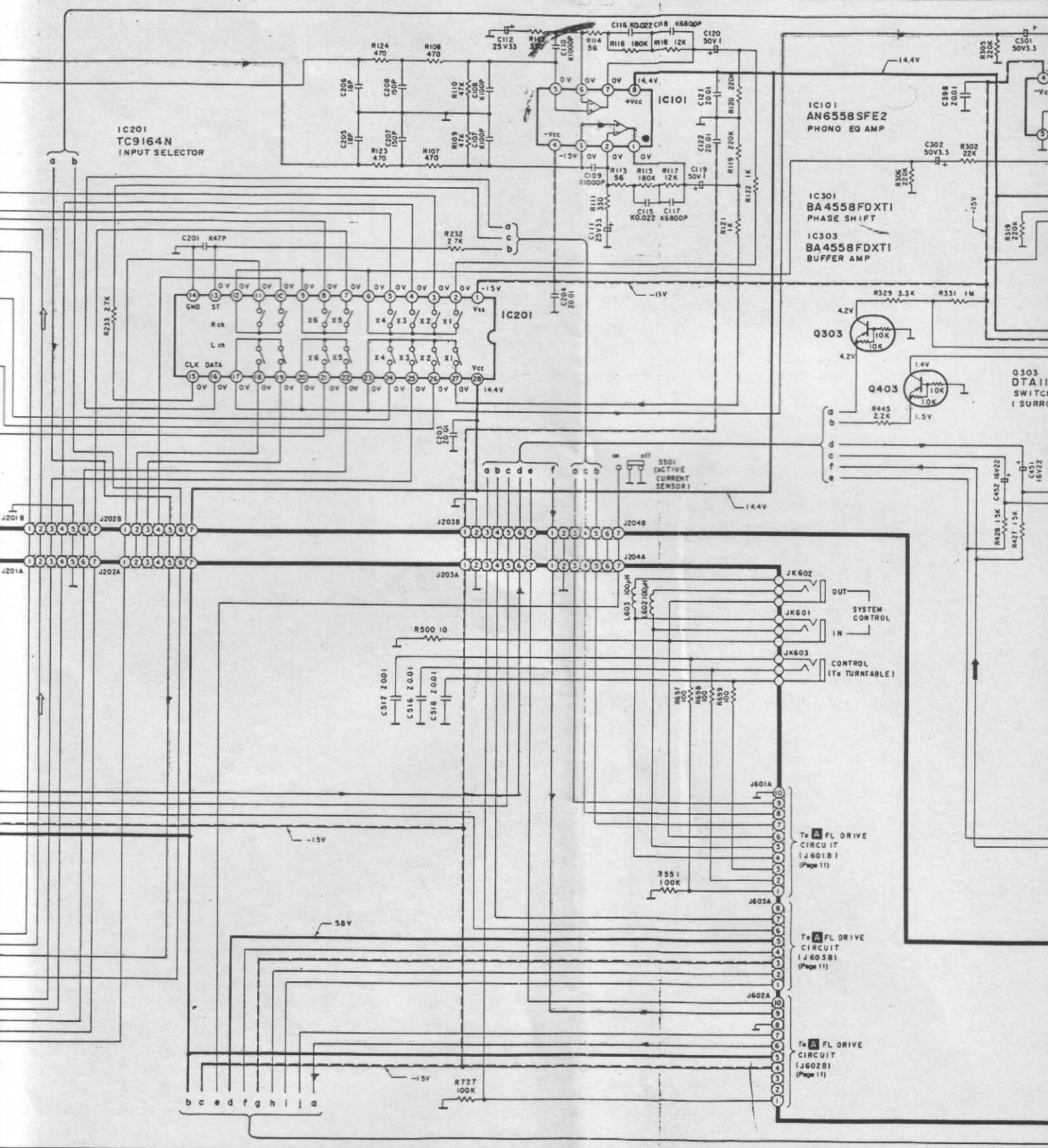
D PHONO/TAPE/TUNER/CD TERMINAL CIRCUIT



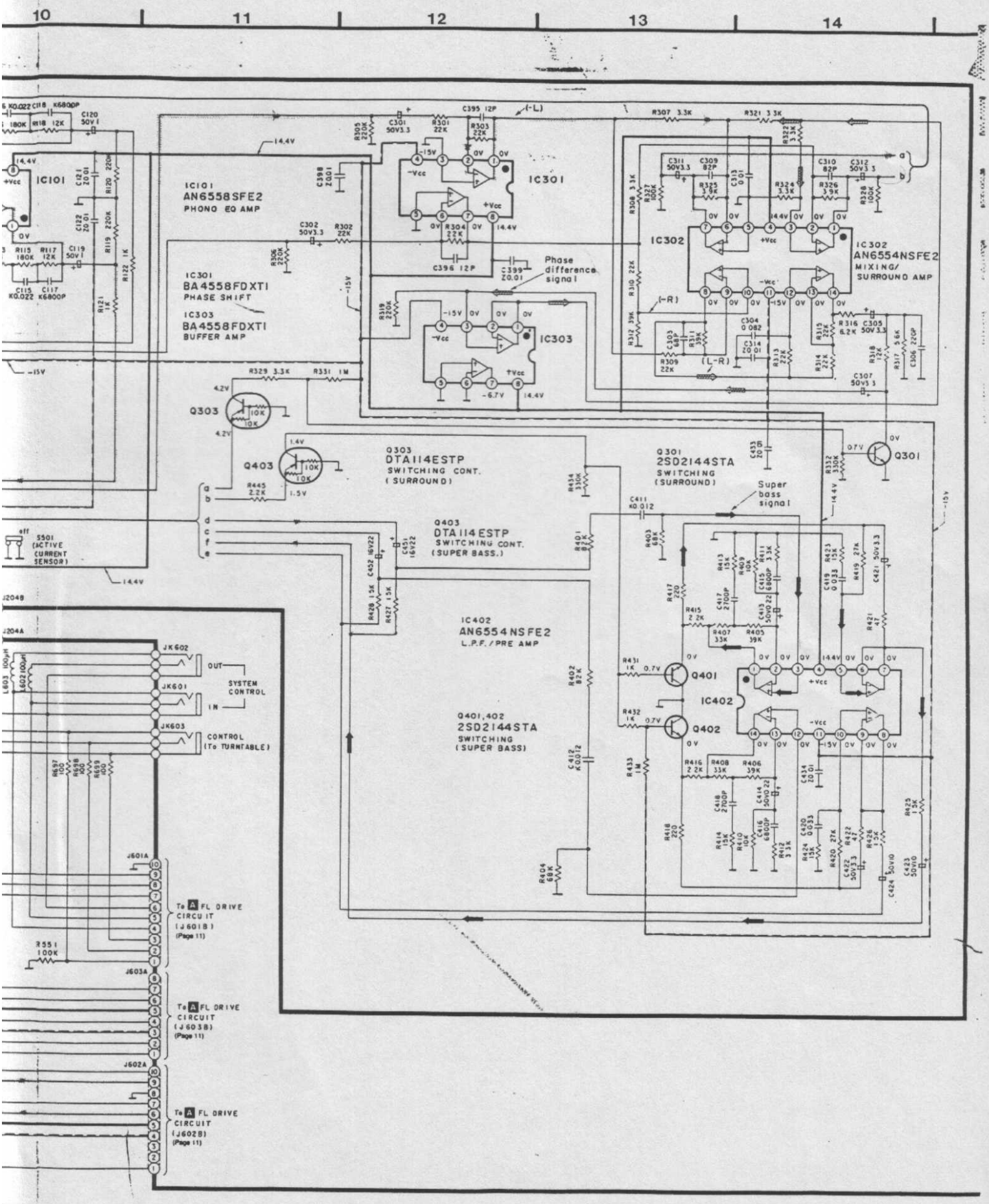
E MAIN CIRCUIT

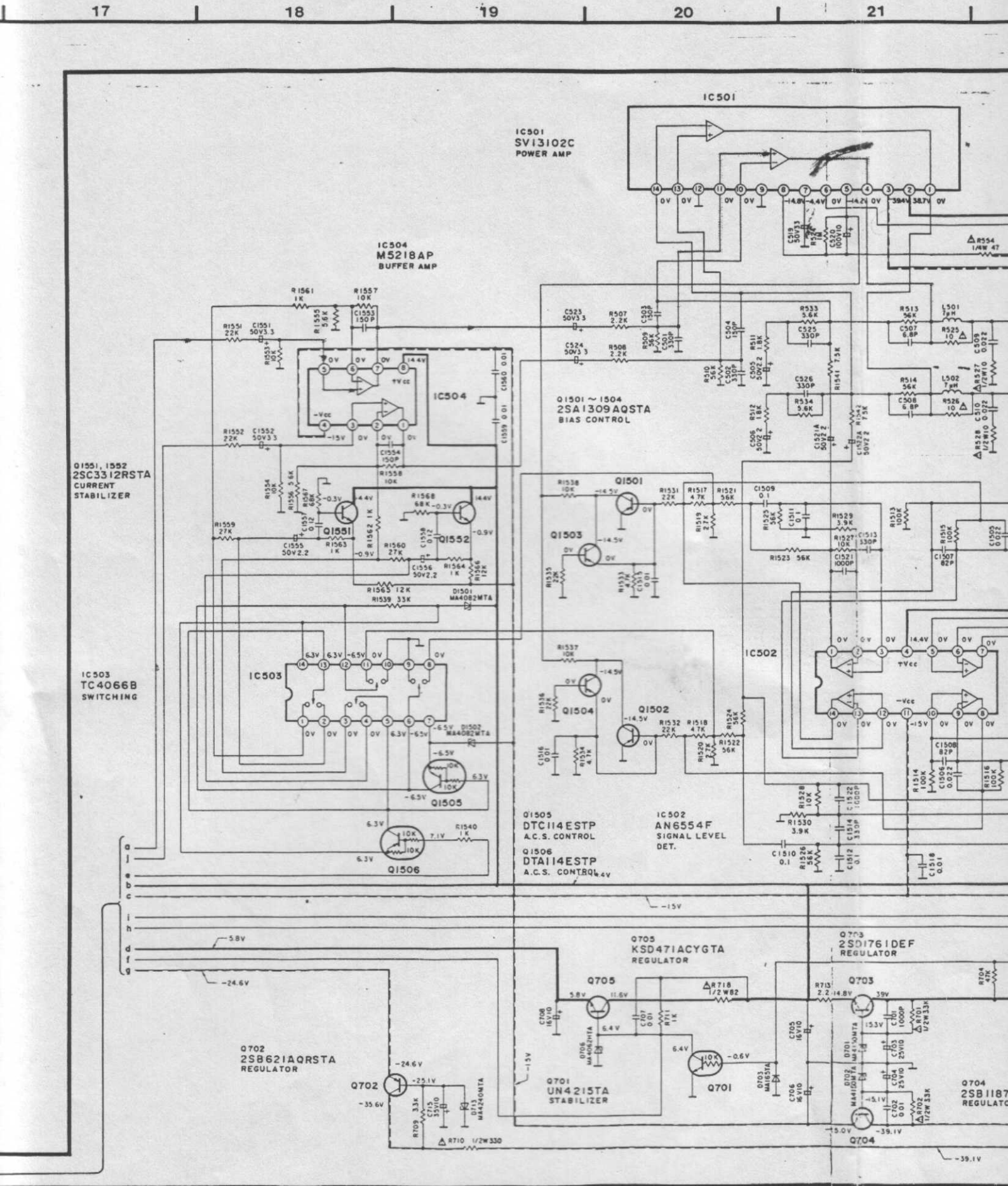
7 8 9 10 11

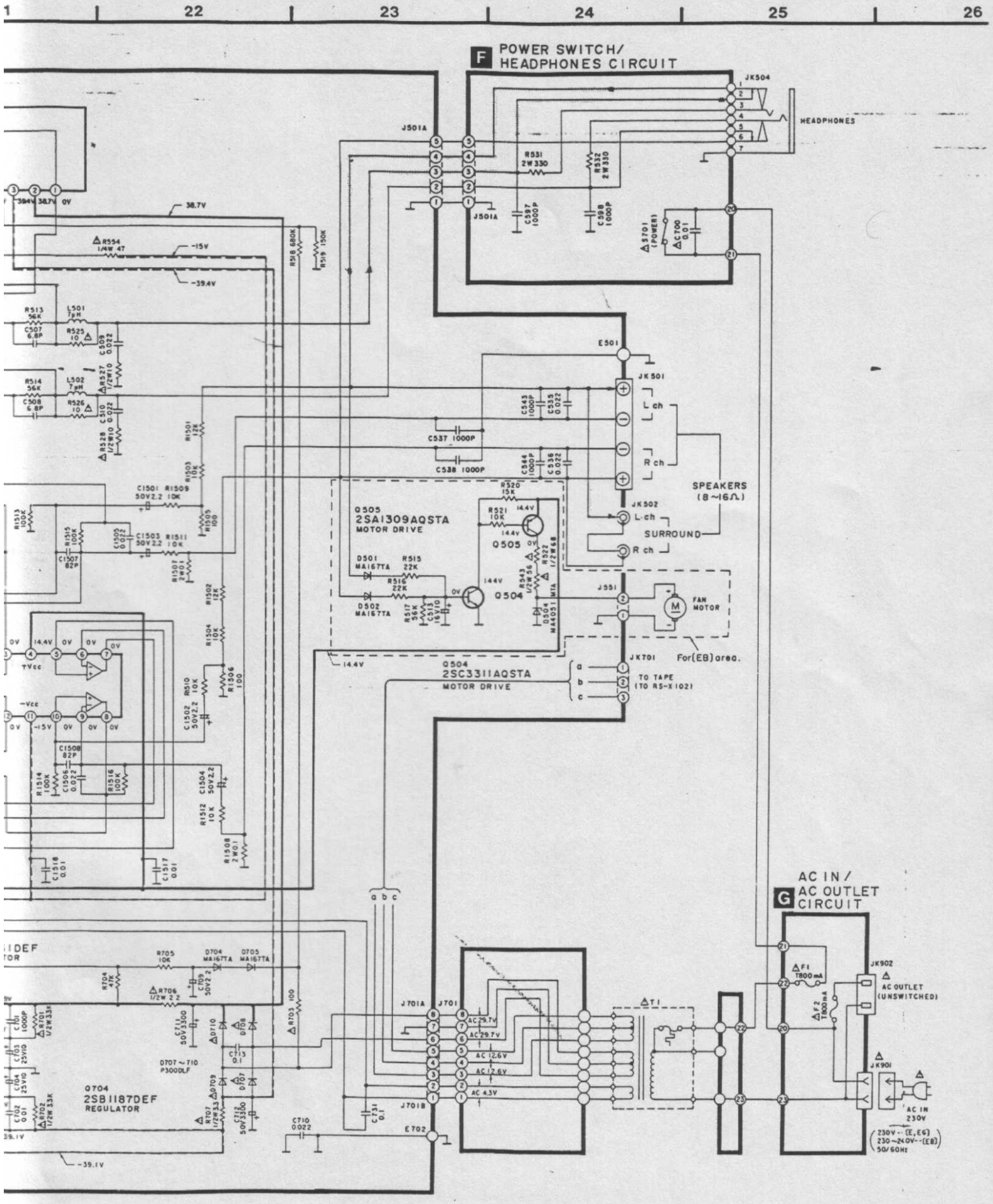
APE/TUNER/CD TERMINAL CIRCUIT



CUIT


10
11
12
13
14
IC101
AN6558SFE2
PHONO EQ AMP
IC301
BA4558FDXTI
PHASE SHIFT
IC303
BA4558FDXTI
BUFFER AMP
IC301
IC302
AN6554NSFE2
MIXING/
SURROUND AMP
Phase
difference
signal
Q303
DTA114ESTP
SWITCHING CONT.
(SURROUND)
Q403
DTA114ESTP
SWITCHING CONT.
(SUPER BASS.)
Q301
2SD2144STA
SWITCHING
(SURROUND)
Super
bass
signal
IC402
AN6554NSFE2
L.P.F./PRE AMP
Q401,402
2SD2144STA
SWITCHING
(SUPER BASS)
Q401
Q402
S501
(ACTIVE
CURRENT
SENSOR)
JK602
OUT
SYSTEM
CONTROL
JK601
IN
JK603
CONTROL
(To TURNTABLE)
J601A
To A FL DRIVE
CIRCUIT
(J601B)
(Page 11)
J603A
To A FL DRIVE
CIRCUIT
(J603B)
(Page 11)
J602A
To A FL DRIVE
CIRCUIT
(J602B)
(Page 11)


17
18
19
20
21
IC501
SV13102C
POWER AMP
IC504
M5218AP
BUFFER AMP
Q1501 ~ 1504
2SA1309AQSTA
BIAS CONTROL
Q1551, 1552
2SC3312RSTA
CURRENT STABILIZER
IC503
TC4066B
SWITCHING
IC502
AN6554F
SIGNAL LEVEL DET.
Q1505
DTC114ESTP
A.C.S. CONTROL
Q1506
DTA114ESTP
A.C.S. CONTROL
Q705
KSD471ACYGTA
REGULATOR
Q703
2SD1761DEF
REGULATOR
Q702
2SB621AQRSTA
REGULATOR
Q701
UN4215TA
STABILIZER
Q704
2SB1187
REGULATO
D1501
MA4082MTA
D1502
MA4082MTA
D706
MA4062MTA
D701
MA4100MTA
D702
MA4100MTA
D703
MA165TA
D713
MA4240MTA
+Vcc
-Vcc
-15V
-24.6V
-39.1V


F POWER SWITCH/ HEADPHONES CIRCUIT
JK504
HEADPHONES
J501A
R531 2W 330
R532 2W 330
C597 1000P
C598 1000P
S701 (POWER)
C700 0.01
38.7V
-15V
-39.4V
R554 1/4W 47
R518 680K
R519 150K
E501
JK501
L ch
R ch
SPEAKERS (8~16Ω)
C543 1000P
C535 0.022
C537 1000P
C538 1000P
C544 1000P
C536 0.022
JK502
L ch
SURROUND
R ch
Q505 2SA1309AQSTA MOTOR DRIVE
R520 15K
R521 10K
Q505
R522 1/2W68
D501 MA167TA
D502 MA167TA
R515 22K
R516 22K
R517 36K
C513 16V10
Q504
R543 1/2W56
D504 MA4051 MTA
J551
FAN MOTOR
For(EB) area.
JK701
TO TAPE (TO RS-X102)
Q504 2SC3311AQSTA MOTOR DRIVE
14.4V
TVcc
-Vcc
C1501 R1509 50V2.2 10K
C1503 R1511 50V2.2 10K
C1502 R1510 50V2.2 10K
C1504 50V2.2
C1508 82P
C1506 0.022
R1514 100K
R1516 100K
R1512 10K
R1508 2W0.1
C1518 0.01
C1517 0.01
R1501 10K
R1503 10K
R1505 100
R1507 2W0.1
R1502 12K
R1504 10K
R1506 100
C1505 0.022
R1513 100K
R1515 100K
C1507 82P
R513 56K
C507 6.8P
L501 7μH
R525 10
C509 0.022
R514 56K
C508 6.8P
L502 7μH
R526 10
C510 0.022
R527 1/2W10
R528 1/2W10
AC IN / AC OUTLET CIRCUIT
G
J701A
J701
J701B
E702
AC 29.7V
AC 29.7V
AC 12.6V
AC 12.6V
AC 4.3V
T1
F1 T800mA
F2 T800mA
JK902
AC OUTLET (UNSWITCHED)
JK901
AC IN 230V
(230V--(E,EG) 230~240V--(EB)) 50/60Hz
D704 MA167TA
D705 MA167TA
R705 10K
R704 47K
C709 50V2.2
R706 1/2W 2.2
R703 100
C711 50V3300
C712 50V3300
C713 0.1
D710
D708
D709
D707
D707~710 P300DLF
Q704 2SB1187DEF REGULATOR
R701 1/2W33K
R702 1/2W33K
R707 1/2W33
C701 1000P
C703 25V10
C704 25V10
C702 0.01
C710 0.022
C731 0.1
-39.1V
a b c

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

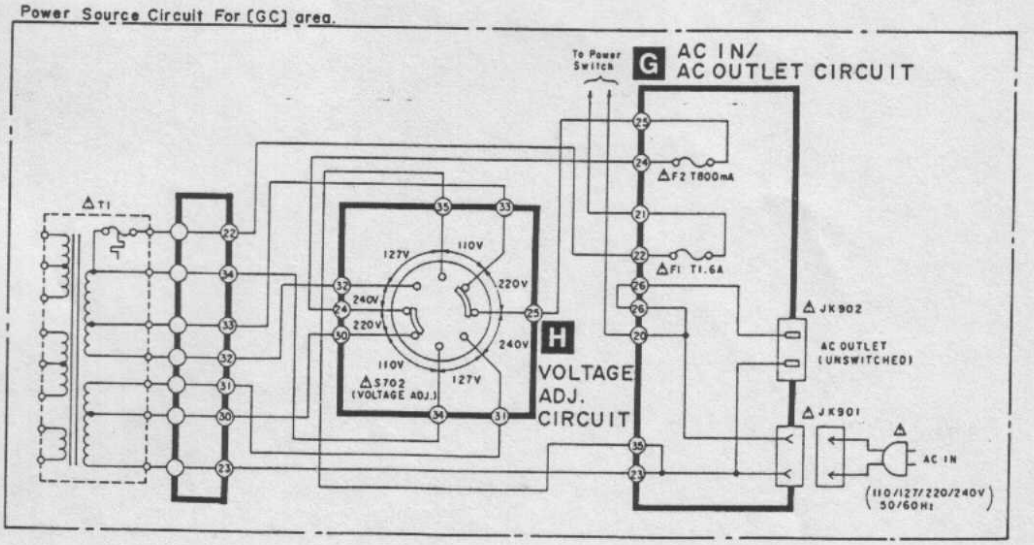
- **•S501** : Active sensor switch in **"OFF"** position.
- **•S701** : POWER switch in **"ON"** position.
- **•S702** : Voltage select switch in **"220 V"** position. [for (GC) only]

CD signal (Lch), Phono signal (Lch)
Positive voltage lines (+)
Negative voltage lines (−)
Super bass signal
Phase difference signal
Recording signal

- Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
- Important safety notice:
  Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

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

Power Source Circuit For [GC] area.



Power Source Circuit For [GN] area.