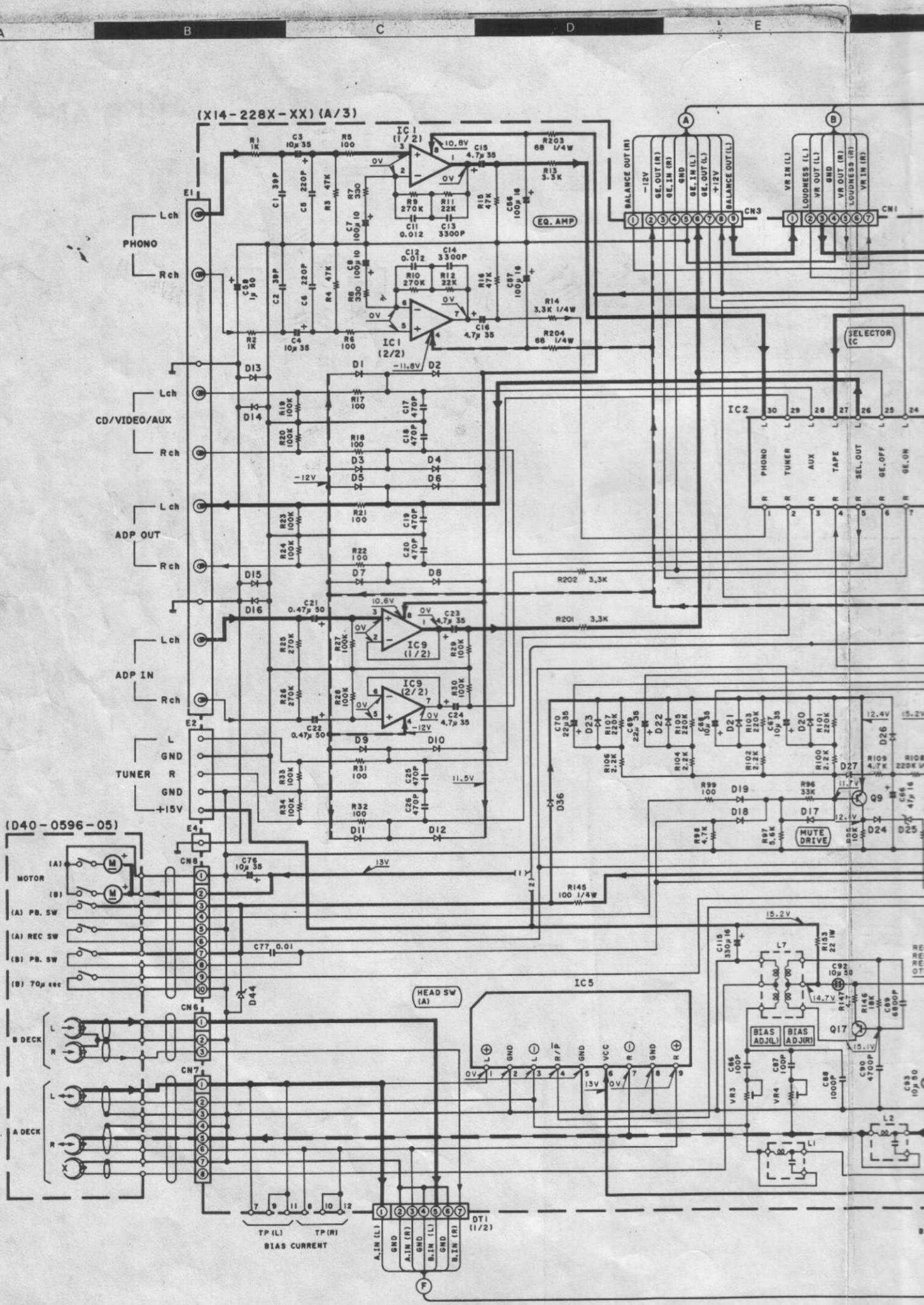
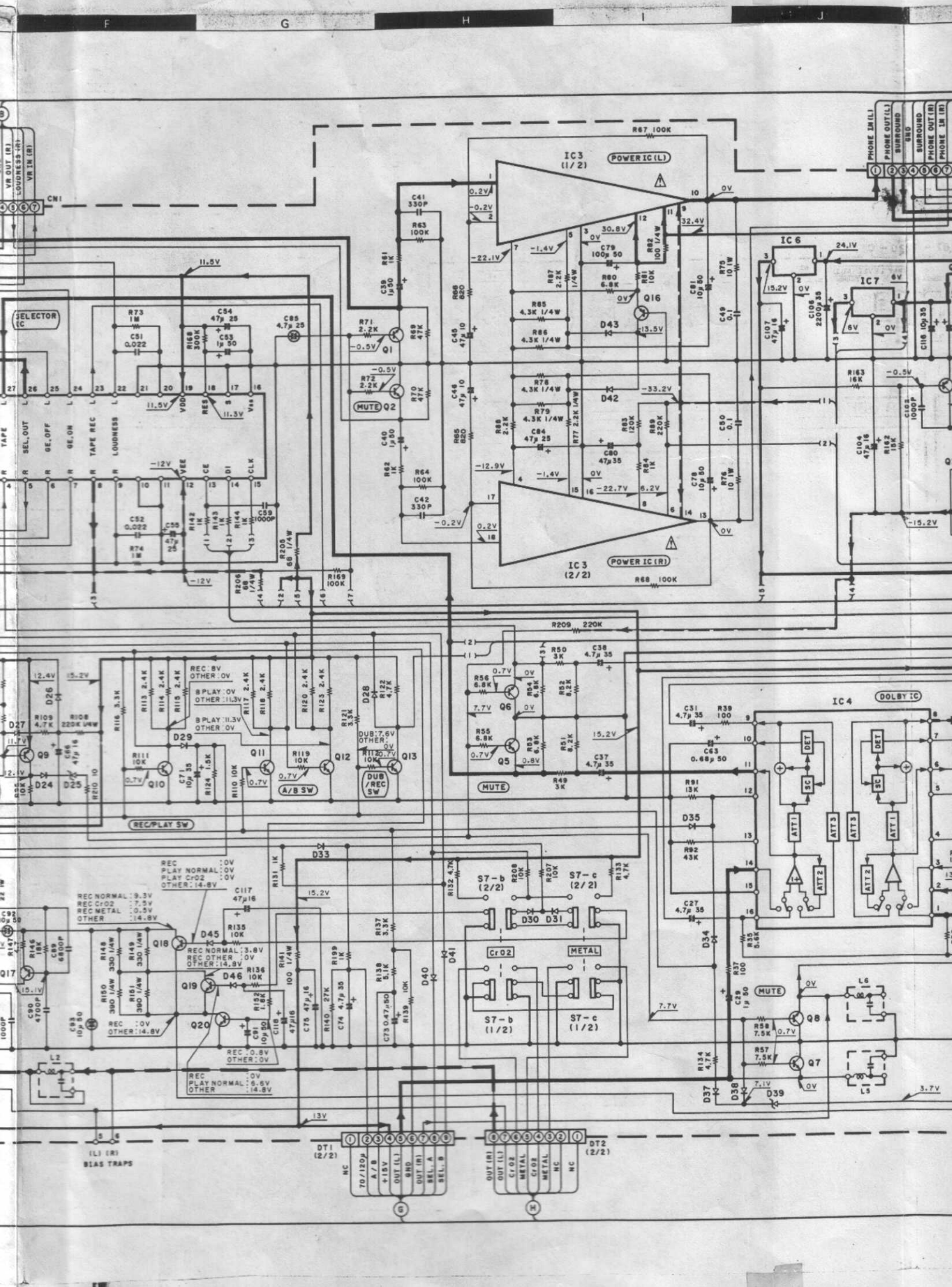
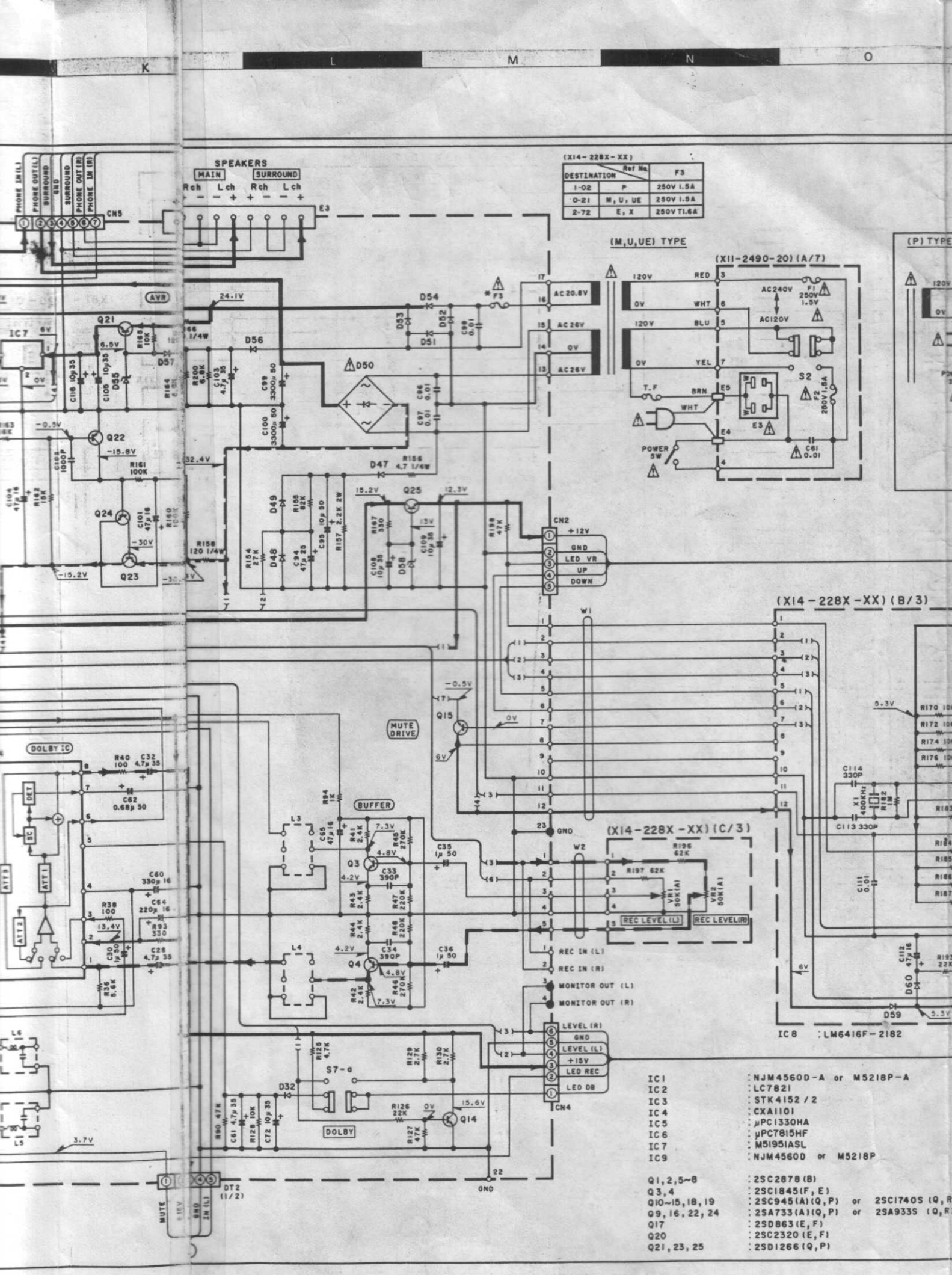
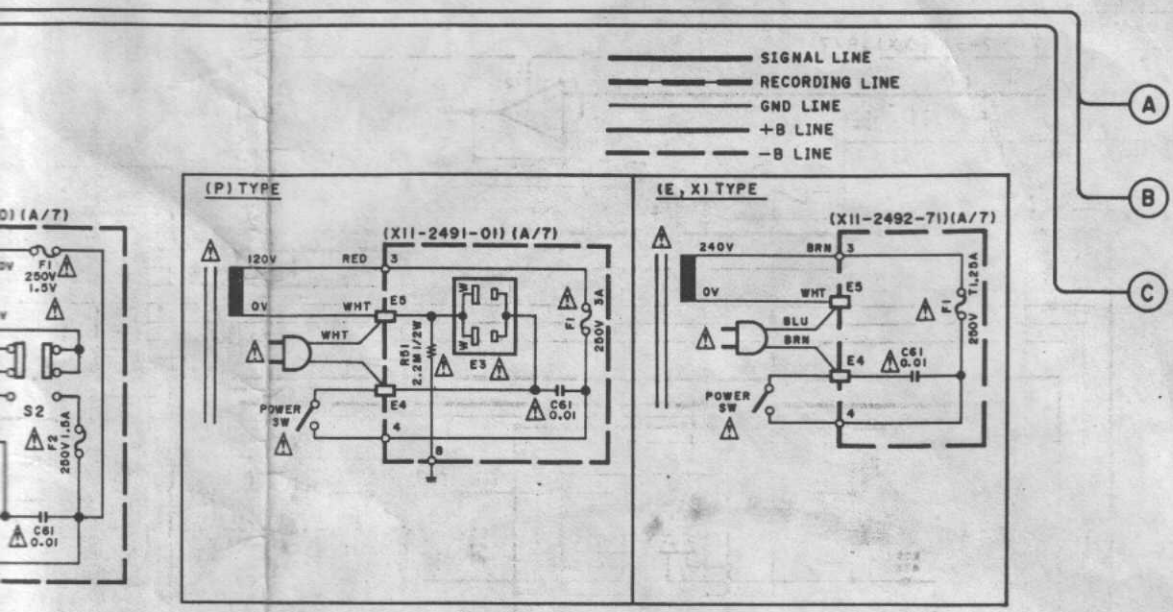
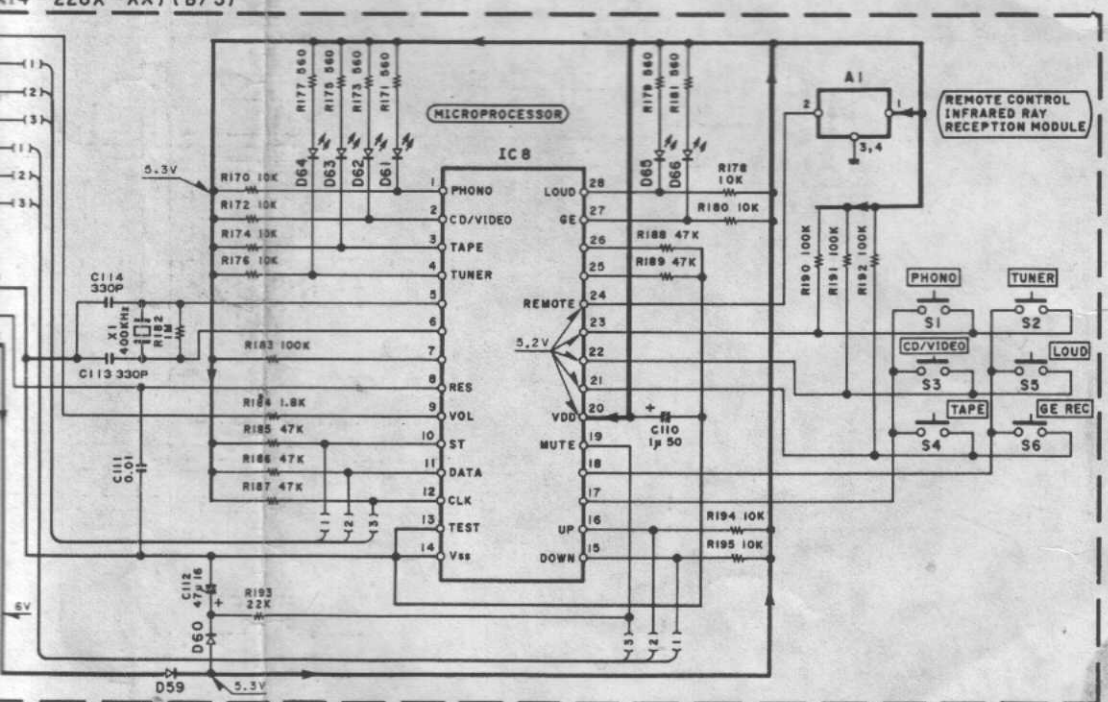

(X14-228X-XX)(A/3)
IC1 (1/2)
IC1 (2/2)
EQ. AMP
PHONO
CD/VIDEO/AUX
ADP OUT
ADP IN
TUNER
Lch
Rch
L
GND
R
+15V
E1
E2
E4
CN3
CN1
CN8
CN6
CN7
IC2
SELECTOR (C
PHONO
TUNER
AUX
TAPE
SEL.OUT
GE.OFF
GE.ON
IC9 (1/2)
IC9 (2/2)
MUTE DRIVE
(D40-0596-05)
MOTOR
(A) PB. SW
(A) REC SW
(B) PB. SW
(B) 70μ sec
B DECK
A DECK
HEAD SW (A)
IC5
BIAS ADJ(L)
BIAS ADJ(R)
BIAS CURRENT
TP(L)
TP(R)
DT1 (1/2)
A.IN (L)
A.IN (R)
B.IN (L)
B.IN (R)
GND
BALANCE OUT (R)
BALANCE OUT (L)
-12V
GE.OUT (R)
GE.IN (R)
GE.IN (L)
GE.OUT (L)
+12V
VR IN (L)
LOUDNESS (L)
VR OUT (L)
GND
VR OUT (R)
LOUDNESS (R)
VR IN (R)


F
G
H
I
J
IC3 (1/2) POWER IC(L)
IC3 (2/2) POWER IC(R)
IC4 DOLBY IC
IC6
IC7
SELECTOR IC
MUTE
A/B SW
DUB /REC SW
REC/PLAY SW
S7-b (2/2)
S7-c (2/2)
S7-b (1/2)
S7-c (1/2)
Cr02
METAL
BIAS TRAPS
DT1 (2/2)
DT2 (2/2)
PHONE IN (L)
PHONE OUT (L)
SURROUND
GND
SURROUND
PHONE OUT (R)
PHONE IN (R)
VR OUT (R)
LOUDNESS
VR IN (R)
CN1


K
L
M
N
O
SPEAKERS
MAIN
SURROUND
Rch Lch Rch Lch
(X14-228X-XX)
DESTINATION
Ref No.
F3
1-02 P 250V 1.5A
0-21 M, U, UE 250V 1.5A
2-72 E, X 250V T1.6A
(M,U,UE) TYPE
(X11-2490-20) (A/7)
(P) TYPE
AVR
DOLBY IC
MUTE DRIVE
BUFFER
DOLBY
(X14-228X-XX) (B/3)
(X14-228X-XX) (C/3)
REC LEVEL (L)
REC LEVEL (R)
REC IN (L)
REC IN (R)
MONITOR OUT (L)
MONITOR OUT (R)
LEVEL (R)
LEVEL (L)
LED REC
LED DB
CN2
CN4
CN5
DT2 (1/2)
IC8 : LM6416F-2182
IC1 : NJM4560D-A or M5218P-A
IC2 : LC7821
IC3 : STK4152/2
IC4 : CXA1101
IC5 : μPC1330HA
IC6 : μPC7815HF
IC7 : M5195IASL
IC9 : NJM4560D or M5218P
Q1,2,5~8 : 2SC2878(B)
Q3,4 : 2SC1845(F,E)
Q10~15,18,19 : 2SC945(A)(Q,P) or 2SC1740S(Q,R)
Q9,16,22,24 : 2SA733(A)(Q,P) or 2SA933S(Q,R)
Q17 : 2SD863(E,F)
Q20 : 2SC2320(E,F)
Q21,23,25 : 2SD1266(Q,P)



Need part with volume control (B)



CAUTION: For continued safety, replace safety nents only with manufacturer's recommended parts list). ⚠ Indicates safety critical components risk of electric shock, leakage-current or resistance shall be carried out (exposed parts are acceptably the supply circuit) before the appliance is returned er.

- DC voltages are measured with a high impe ter. Values may vary slightly due to variatio dividual instruments or/and units.
- Les tensions c.c. doivent être measurées av à haute impédance. Les valeurs peuvent ment du fait des variations inhérentes aux instruments de mesure individuels.
- Die angegebenen Gleichspannungswer einem hochohmigen Voltmeter gemessen. ken die Meßwerte aufgrund von Unterschi einzelnen Instrumenten oder Geräten u. U. g

8 : LM6416F-2182

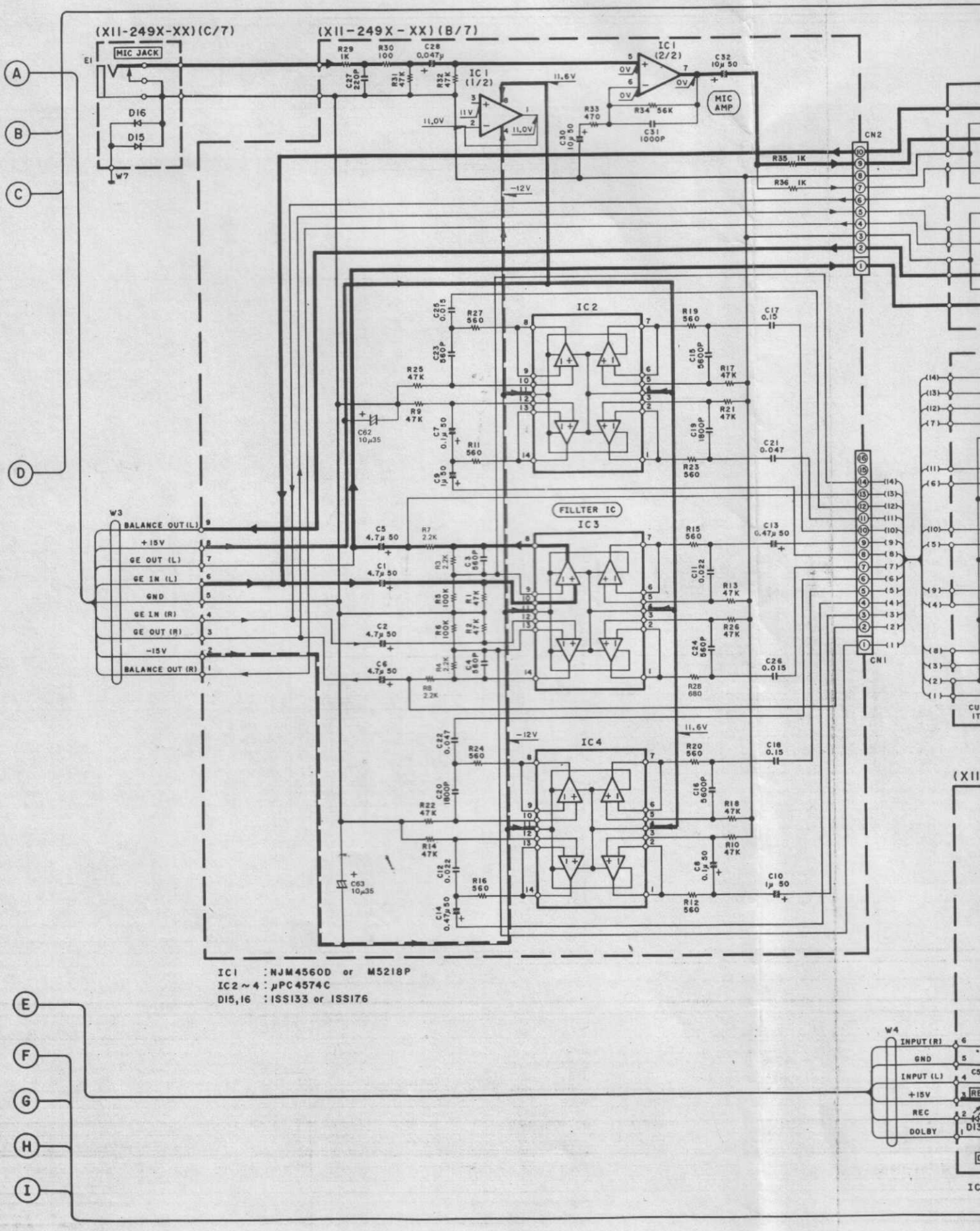
D59, 60 : ISS133 or ISS176
D61~66 : 830-0431-05

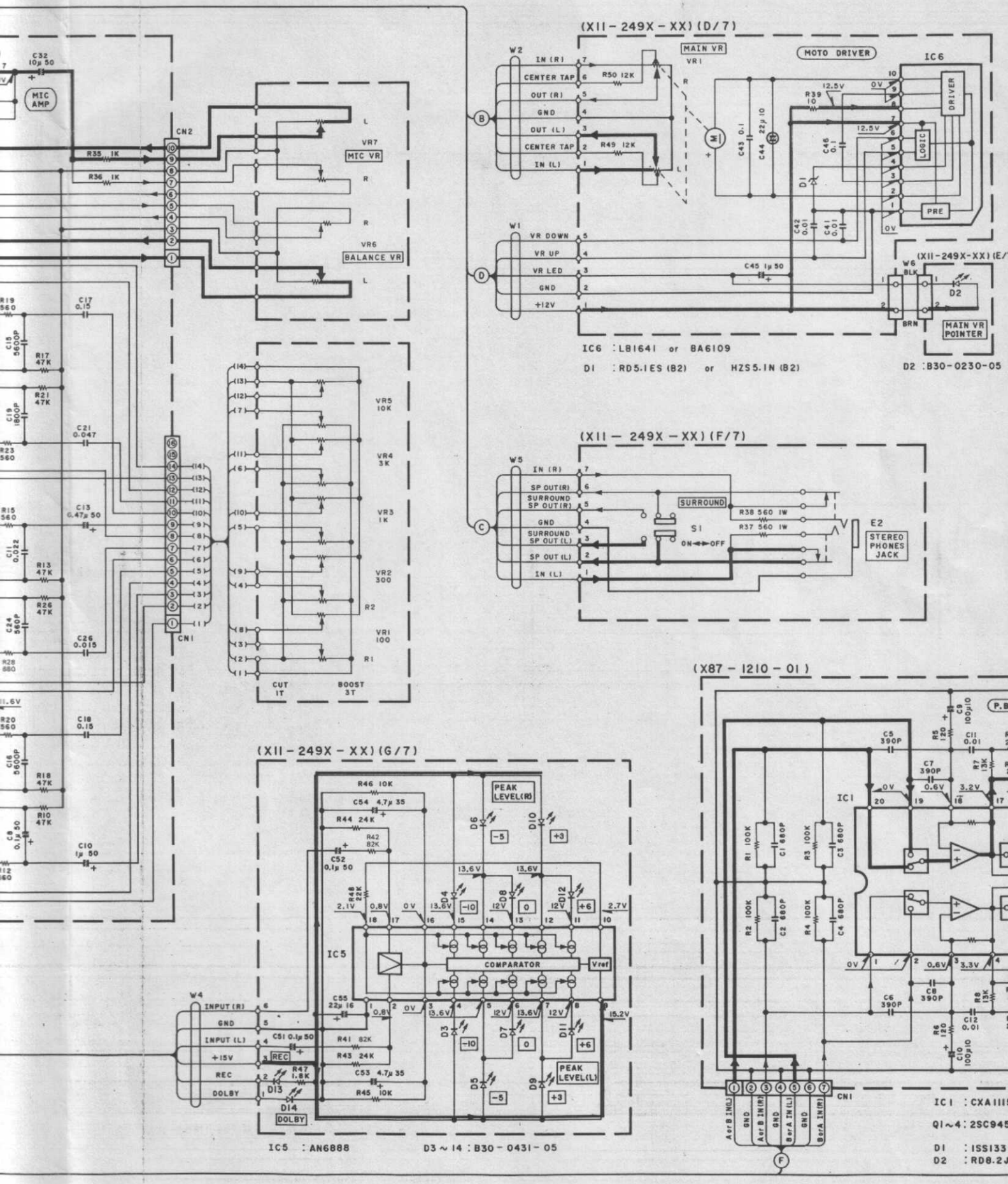
60D-A or M5218P-A
52 / 2
OHA
5HF
ASL
0D or M5218P
8 (B)
5 (F, E)
(A) (Q, P) or 2SC1740S (Q, R)
(A) (Q, P) or 2SA933S (Q, R)
(E, F)
0 (E, F)
6 (Q, P)

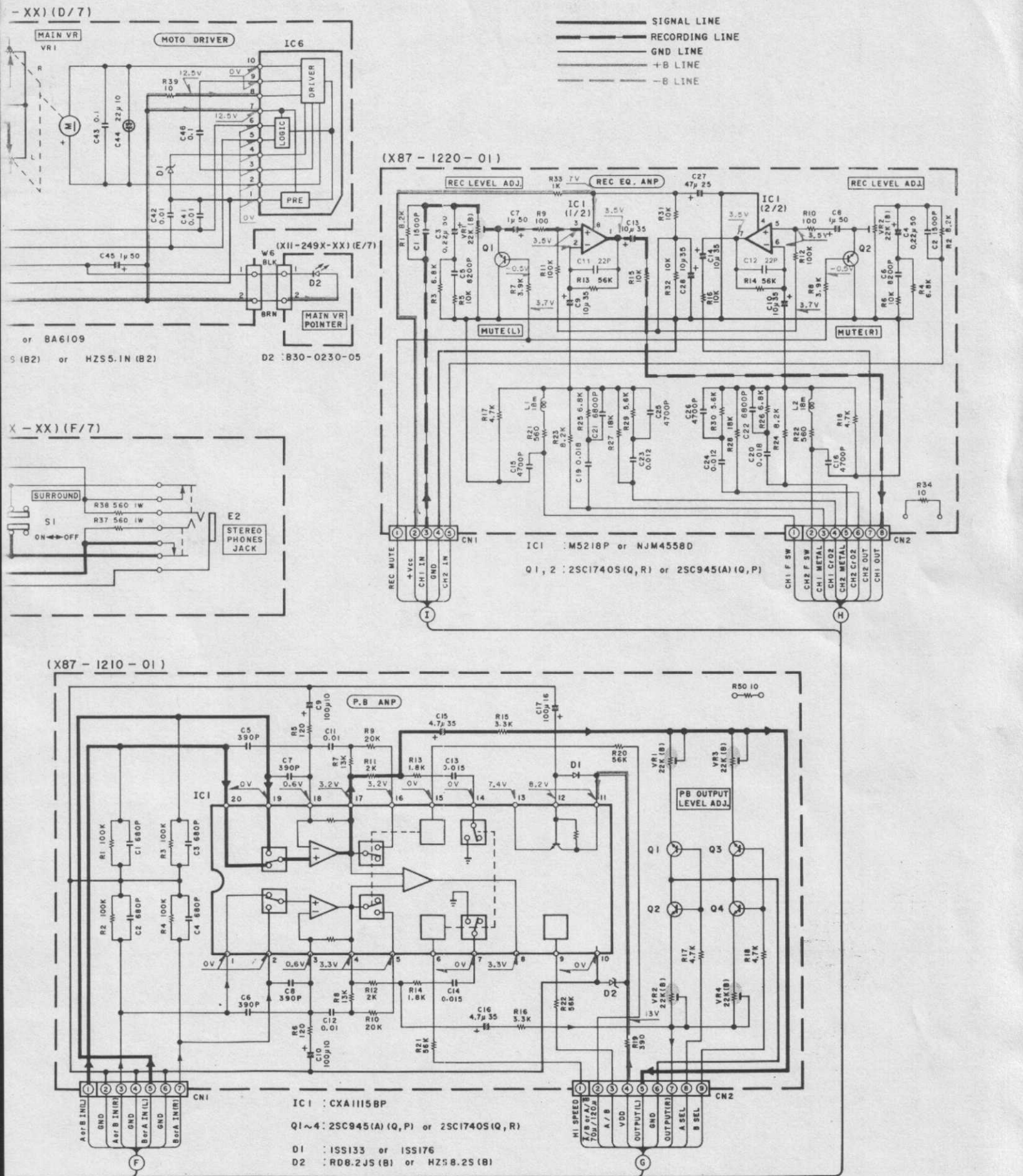
D1~24, 26~38
40, 41, 45, 46 : ISS133 or ISS176
D25, 39 : RD3.9ES(B2) or HZS3.9N(B2)
D42, 43, 48, 49, 56, 57 : ISS131 or ISS178
D44, 58 : RD13ES(B2) or HZS13N(B2)
D47, 51~54 : DSM1A1 or S5566B
D50 : RBV-402LFA or D3SBA20F03
D55 : RD6.8ES(B2) or HZS6.8N(B2)
A1 : W02-0776-05

Y08-3080-20

KAX
KENW


(XII-249X-XX)(C/7)
(XII-249X-XX)(B/7)
MIC JACK
E1
W7
D16
D15
IC1 (1/2)
IC1 (2/2)
MIC AMP
IC2
IC3
IC4
FILLTER IC
CN1
CN2
W3
BALANCE OUT(L)
+15V
GE OUT (L)
GE IN (L)
GND
GE IN (R)
GE OUT (R)
-15V
BALANCE OUT (R)
W4
INPUT (R)
GND
INPUT (L)
+15V
REC
DOLBY
11.6V
11.0V
-12V
0V
IC1 : NJM4560D or M5218P
IC2~4 : μPC4574C
D15,16 : ISS133 or ISS176


(X11-249X-XX)(D/7)
W2
IN (R)
CENTER TAP
OUT (R)
GND
OUT (L)
CENTER TAP
IN (L)
R50 12K
R49 12K
MAIN VR
VR1
MOTO DRIVER
IC6
DRIVER
LOGIC
PRE
W1
VR DOWN
VR UP
VR LED
GND
+12V
C45 1μ 50
W6
BLK
BRN
D2
MAIN VR POINTER
(X11-249X-XX)(E/
IC6 : LB1641 or BA6109
D1 : RD5.1ES (B2) or HZS5.1N (B2)
D2 : B30-0230-05
(X11-249X-XX)(F/7)
W5
IN (R)
SP OUT(R)
SURROUND SP OUT(R)
GND
SURROUND SP OUT(L)
SP OUT(L)
IN (L)
SURROUND
S1
ON OFF
R38 560 1W
R37 560 1W
E2
STEREO PHONES JACK
MIC AMP
CN2
VR7
MIC VR
VR6
BALANCE VR
VR5 10K
VR4 3K
VR3 1K
VR2 300
VR1 100
CN1
CUT 1T
BOOST 3T
(X87-1210-01)
IC1
CN1
IC1 : CXA1
Q1~4 : 2SC945
D1 : 1SS133
D2 : RD8.2J
(X11-249X-XX)(G/7)
W4
INPUT (R)
GND
INPUT (L)
+15V
REC
DOLBY
D13
D14
DOLBY
REC
PEAK LEVEL(R)
PEAK LEVEL(L)
IC5
COMPARATOR
Vref
IC5 : AN6888
D3 ~ 14 : B30-0431-05


SIGNAL LINE
RECORDING LINE
GND LINE
+B LINE
−B LINE
-XX)(D/7)
MAIN VR
VR1
MOTO DRIVER
IC6
DRIVER
LOGIC
PRE
(X11-249X-XX)(E/7)
MAIN VR POINTER
D2 :B30-0230-05
or BA6109
S(B2) or HZS5.1N(B2)
(X87-1220-01)
REC LEVEL ADJ.
REC EQ. ANP
MUTE(L)
MUTE(R)
IC1 :M5218P or NJM4558D
Q1,2 :2SC1740S(Q,R) or 2SC945(A)(Q,P)
REC MUTE
+Vcc
CH1 IN
GND
CH2 IN
CH1 F SW
CH2 F SW
CH1 METAL
CH1 Cr/O2
CH2 METAL
CH2 Cr/O2
CH2 OUT
CH1 OUT
X-XX)(F/7)
SURROUND
S1
ON↔OFF
E2
STEREO PHONES JACK
(X87-1210-01)
P.B ANP
PB OUTPUT LEVEL ADJ.
IC1 :CXA1158P
Q1~4 :2SC945(A)(Q,P) or 2SC1740S(Q,R)
D1 :1SS133 or 1SS176
D2 :RD8.2JS(B) or HZS8.2S(B)
Aer B IN(L)
GND
Aer B IN(R)
GND
Ber A IN(L)
GND
Ber A IN(R)
HI SPEED
A/B
VDD
OUTPUT(L)
GND
OUTPUT(R)
A SEL
B SEL