

2SA733 (A)
2SA954
2SA999
2SB764
2SC2003
2SC2320
2SC2305 (A)
2SD1302
2SD863

MC1495L

2SC2167

NJM4200D

M5231TL

UPD4069UC

LA1231NS
LA3350S
LM7001

LA1245

UPC1163HA

M5218P

LC7570

UPC7805HF

UPC78L12J

2SK246

2SK364

3SK122

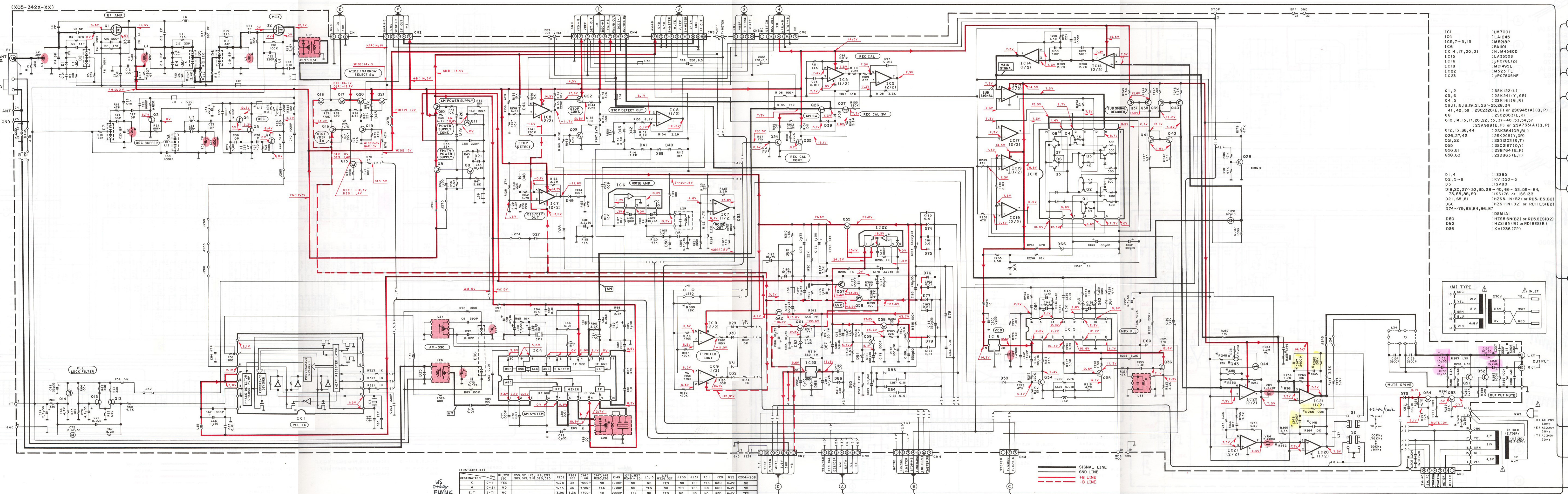
2SK161
2SK241

2SK211
2SK302

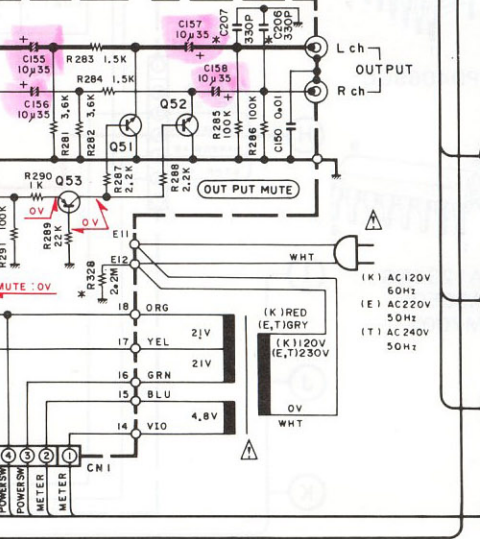
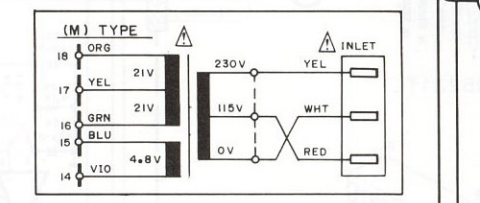
2SK425

BA401

CXP5016-216S



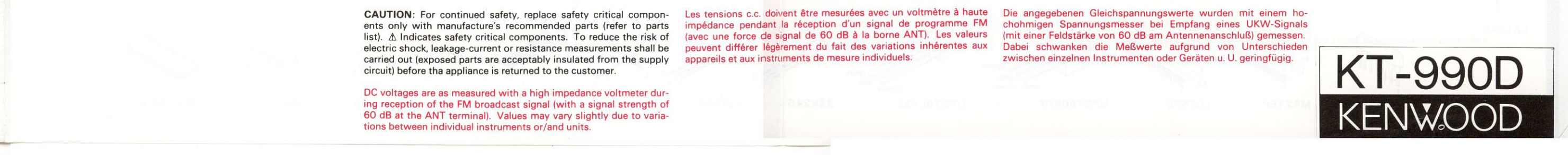
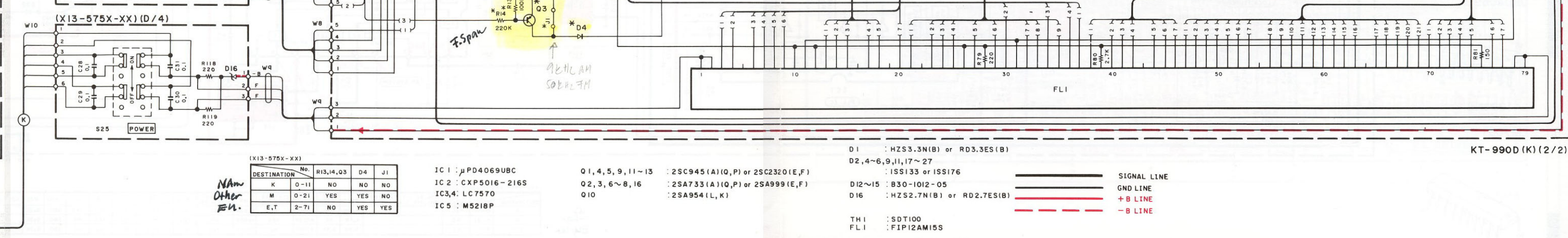
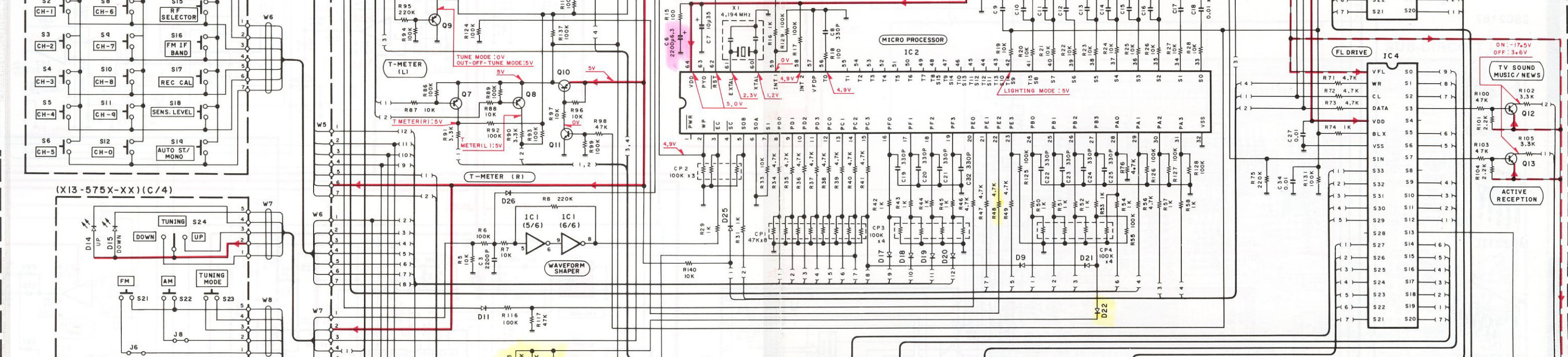
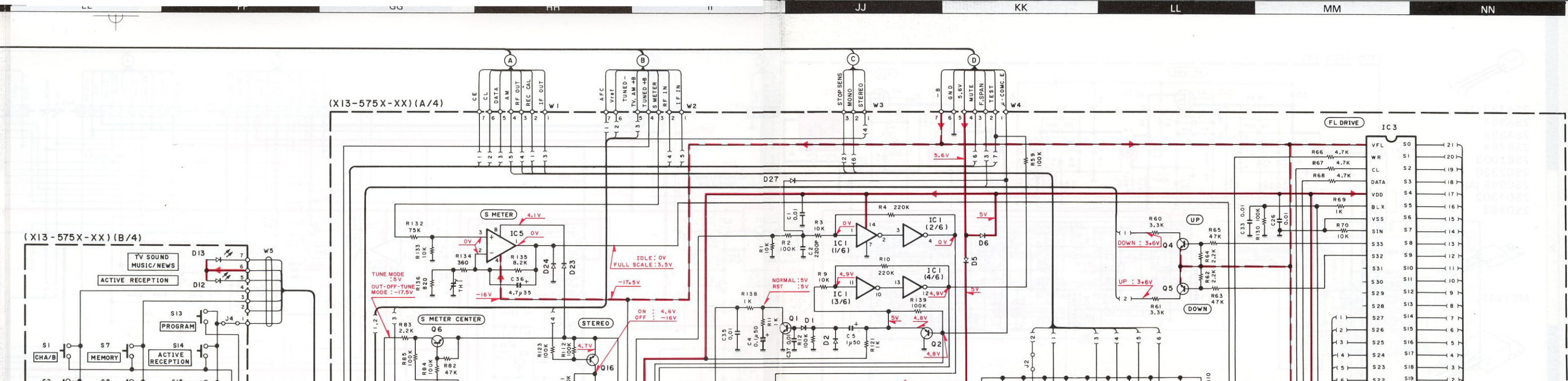
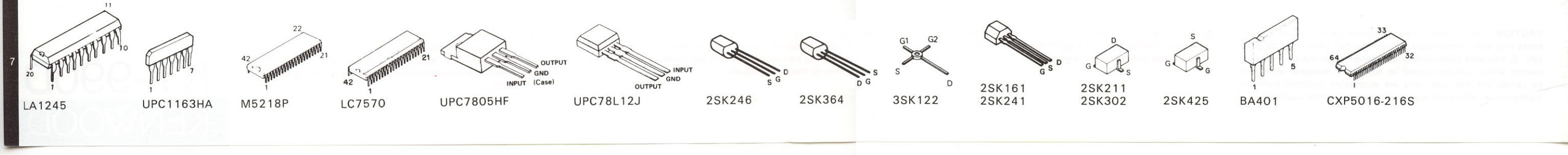
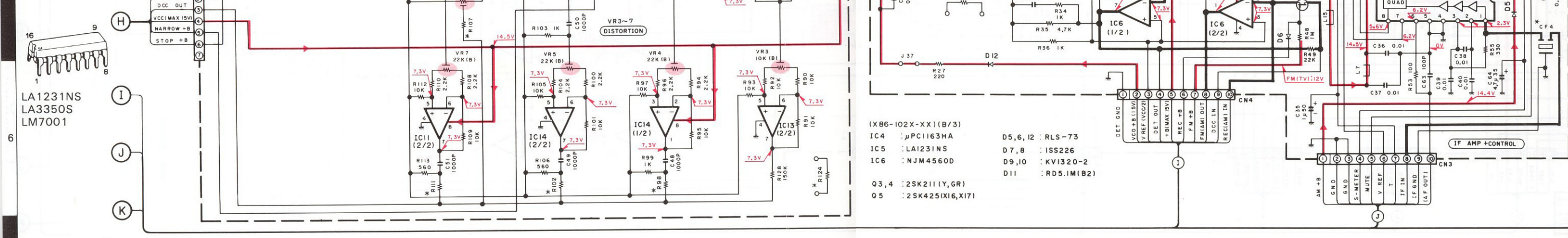
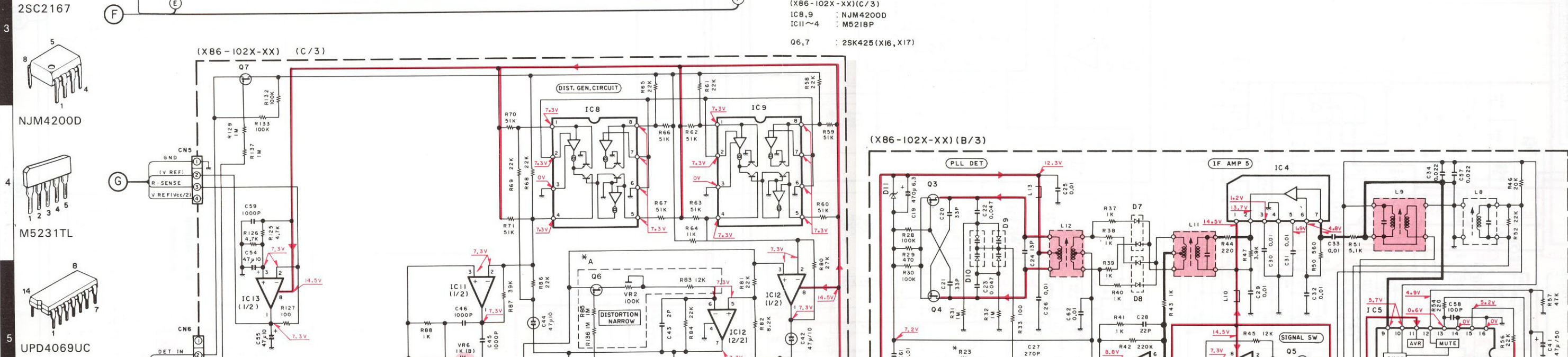
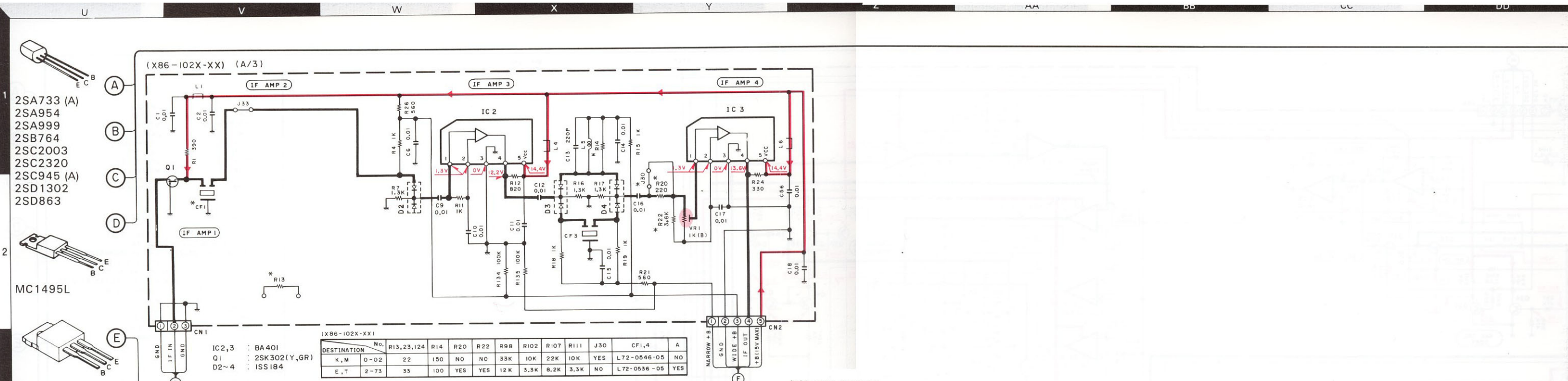
- IC1 : LM7001
IC4 : LA1245
IC5,7~9,19 : M5218P
IC6 : BA401
IC14,17,20,21 : NJM4560D
IC15 : LA3350S
IC16 : UPC78L12J
IC18 : MC1495L
IC22 : M5231TL
IC23 : UPC7805HF
- Q1,2 : 3SK122 (L)
Q3,6 : 2SK241 (Y,GR)
Q4,5 : 2SK161 (G,R)
Q9,11,16,18,19,21,23~25,28,34 : 2SA999 (E,F) or 2SA7331A (I,Q,P)
Q1,42,59 : 2SC2305 (E,F) or 2SC945 (A) (Q,P)
Q8 : 2SC2003 (L,K)
Q10,14,15,17,20,22,35,37~40,53,54,57 : 2SK246 (G,R,B,L)
Q26,27,43 : 2SK364 (G,R,B,L)
Q51,52 : 2SD1302 (S,T)
Q55 : 2SC2167 (O,Y)
Q56,61 : 2SB764 (E,F)
Q58,60 : 2SD863 (E,F)
- D1,4 : 1SS85
D2,5~8 : KV1230-5
D3 : 1SS180
D19,20,27~32,35,38~45,48~52,59~64,73,85,88,89 : 1SS176 or 1SS153
D21,65,61 : HZ53,1N (B2) or RD5,1ES (B2)
D66 : HZ51N (B2) or RD11ES (B2)
D74~79,83,84,86,87 : DS1A1
D80 : HZ59.6N (B2) or RD6.6ES (B2)
D82 : HZ58N (B) or RD10ES (B)
D36 : KV1236 (Z2)



KT-990D
KENWOOD

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.
- Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
- Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.



- 2SA733 (A)
- 2SA954
- 2SA999
- 2SB764
- 2SC2003
- 2SC2320
- 2SC945 (A)
- 2SD1302
- 2SD863

- MC1495L

- 2SC2167

- NJM4200D

- M52131TL

- UPD4069UC

- LA1231NS
- LA3350S
- LM7001

- LA1245
- UPC1163HA
- M5218P
- LC7570
- UPC7805HF
- UPC78L12J
- 2SK246
- 2SK364
- 3SK122
- 2SK161
- 2SK241
- 2SK302
- 2SK425
- BA401
- CXP5016-216S

DESTINATION	No.	R13,14,Q3	D4	J1
K	0-11	NO	NO	NO
M	0-21	YES	YES	NO
E,T	2-73	NO	YES	YES

IC 1	IC 2	IC 3,4	IC 5
μPD4069UBC	CXP5016-216S	M5218P	M5218P

D1	D2,4-6,9,11,17-27	D12~15	D16	FL1
HZS3.3N(B) or RD3.3S(B)	ISS133 or ISS176	B30-10I2-05	HZS2.7N(B) or RD2.7S(B)	SDT100

FL1	SIGNAL LINE	GND LINE	+B LINE	-B LINE
F1P12AM15S	—	—	—	—

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Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluss) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

DC voltages are as measured with a high impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units.

