

SPECIFICATIONS

[FM tuner section]

Antenna impedance	75 ohms unbalanced & 300 ohms balanced
FM frequency range	87.5 MHz to 108 MHz
Usable sensitivity (IHF)	10.8 dBf (0.95 μ V)
50 dB quieting sensitivity (IHF)	
Mono	16.2 dBf (1.8 μ V)
Stereo	38.8 dBf (24.0 μ V)
Sensitivity (DIN: Europe & U.K. only)	
Mono: S/N-26 dB/40 kHz	
Dev.	0.7 μ V
Stereo: S/N-46 dB/46 kHz	
Dev.	25 μ V
Signal to noise ratio (IHF)	
Mono (75 kHz Dev.)	92 dB (65 dBf input), 92 dB (85 dBf input)
Stereo (75 kHz Dev.)	78 dB (65 dBf input), 86 dB (85 dBf input)
Signal to noise ratio (DIN: Europe & U.K. only)	
Mono (40 kHz Dev.)	78 dB (Unweighted 65.2 dBf input) 82 dB (weighted 65.2 dBf input)
Stereo (46 kHz Dev.)	67 dB (Unweighted 65.2 dBf input) 72 dB (weighted 65.2 dBf input)

Total harmonic distortion (Except Europe & U.K.) (WIDE)

Mono (75 kHz Dev.)	
1 kHz	0.007%
50 Hz ~ 10 kHz	0.02%
Stereo (75 kHz Dev.)	
1 kHz	0.009%
50 Hz ~ 10 kHz	0.05%

Total harmonic distortion (DIN: Europe & U.K. only) (WIDE)

Mono (40 kHz Dev., 1 kHz)	0.02%
Stereo (46 kHz Dev., 1 kHz)	0.05%

Capture ratio (Except Europe & U.K.)

WIDE	1.0 dB
NARROW	2.5 dB

Capture ratio (Europe & U.K. only)

WIDE	2.0 dB
NARROW	3.5 dB

Alternate channel selectivity (IHF: Except Europe & U.K.)

WIDE	60 dB ($\pm$ 400 kHz)
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Alternate channel selectivity (DIN: Europe & U.K. only)

NARROW	75 dB ($\pm$ 300 kHz)
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Stereo separation

WIDE: 1 kHz	65 dB
Stereo separation (DIN: Europe & U.K. only)	
WIDE: 1 kHz,	
(65.2 dBf input)	54 dB
6.3 kHz,	
(65.2 dBf input)	44 dB

Frequency response	20 Hz to 15 kHz $\pm$ 0.5 dB
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Spurious rejection ratio

(98 MHz)	105 dB
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Image rejection ratio (98 MHz)	82 dB
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IF rejection ratio (98 MHz)	110 dB
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AM suppression ratio	76 dB
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Subcarrier suppression ratio	70 dB
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Subcarrier suppression ratio

(DIN: Europe & U.K. only)	
19 kHz, 46 kHz Dev.	55 dB
38 kHz, 46 kHz Dev.	68 dB

Output level/impedance at 1 kHz, 100% Dev.

Fixed	600 mV/3.3 kohms
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Limiting Level (Europe & U.K. only)

(−3 dB point, 40 kHz Dev.)	0.45 μ V
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[AM tuner section]

Frequency range	530 kHz ~ 1610 kHz (Except Europe & U.K.) or 531 kHz ~ 1602 kHz (Europe & U.K.)
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Usable sensitivity (Loop)	10 μ V (250 μ V/m)
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Signal to noise ratio

(30% Mod; 1 mV input)	55 dB
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Total harmonic distortion	0.25%
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Image rejection ratio (Loop)	40 dB
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Selectivity (IHF)	30 dB
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Output level/impedance

(400 Hz, 30% Mod.)	180 mV, 3.3 kohms
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[General]

Power consumption	20 W
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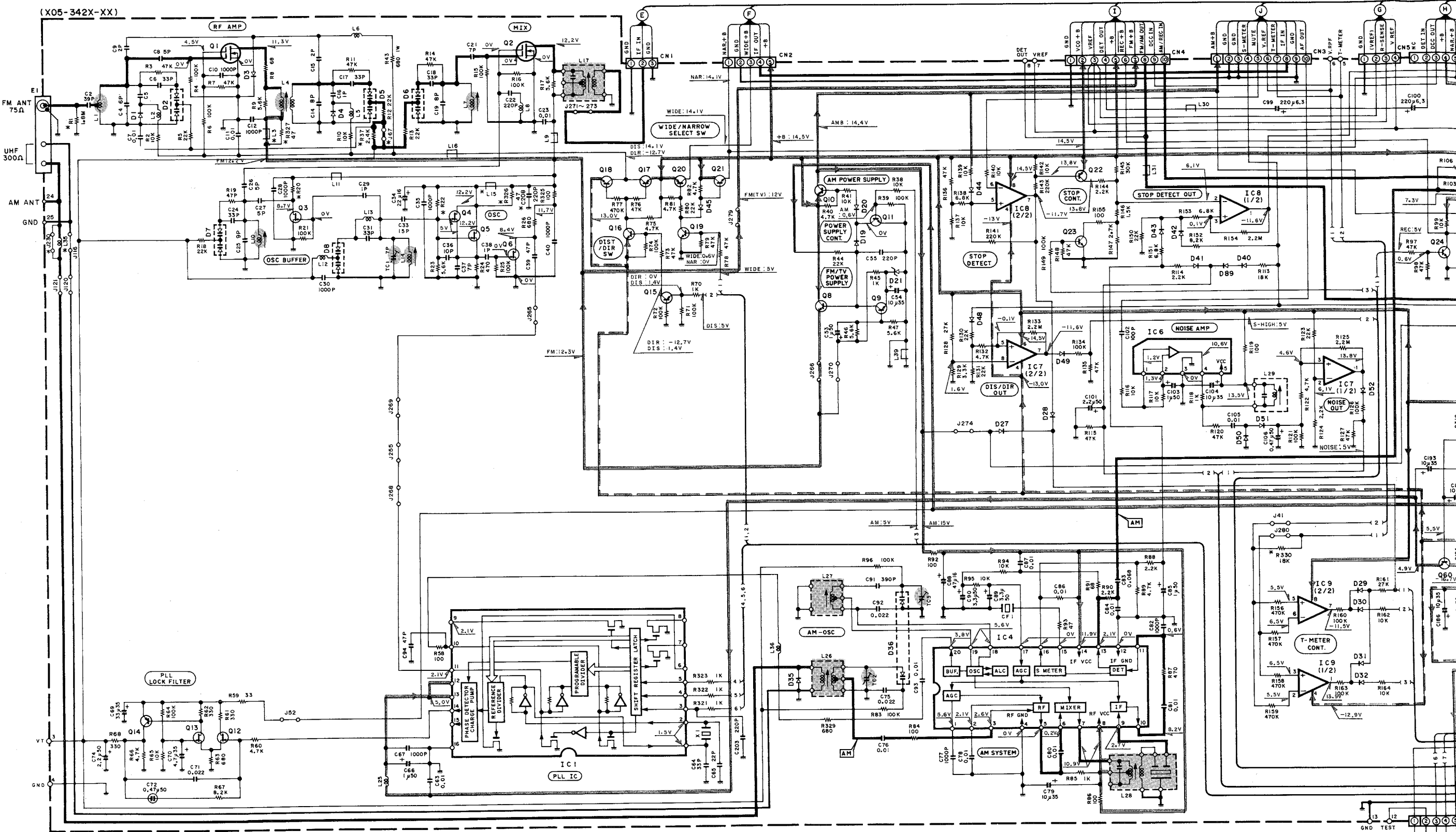
Dimensions	W: 440 mm (17-5/16")
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H: 78 mm (3-1/16")

D: 331 mm (13-1/16")

Weight (Net)	4.0 kg (8.8 lb)
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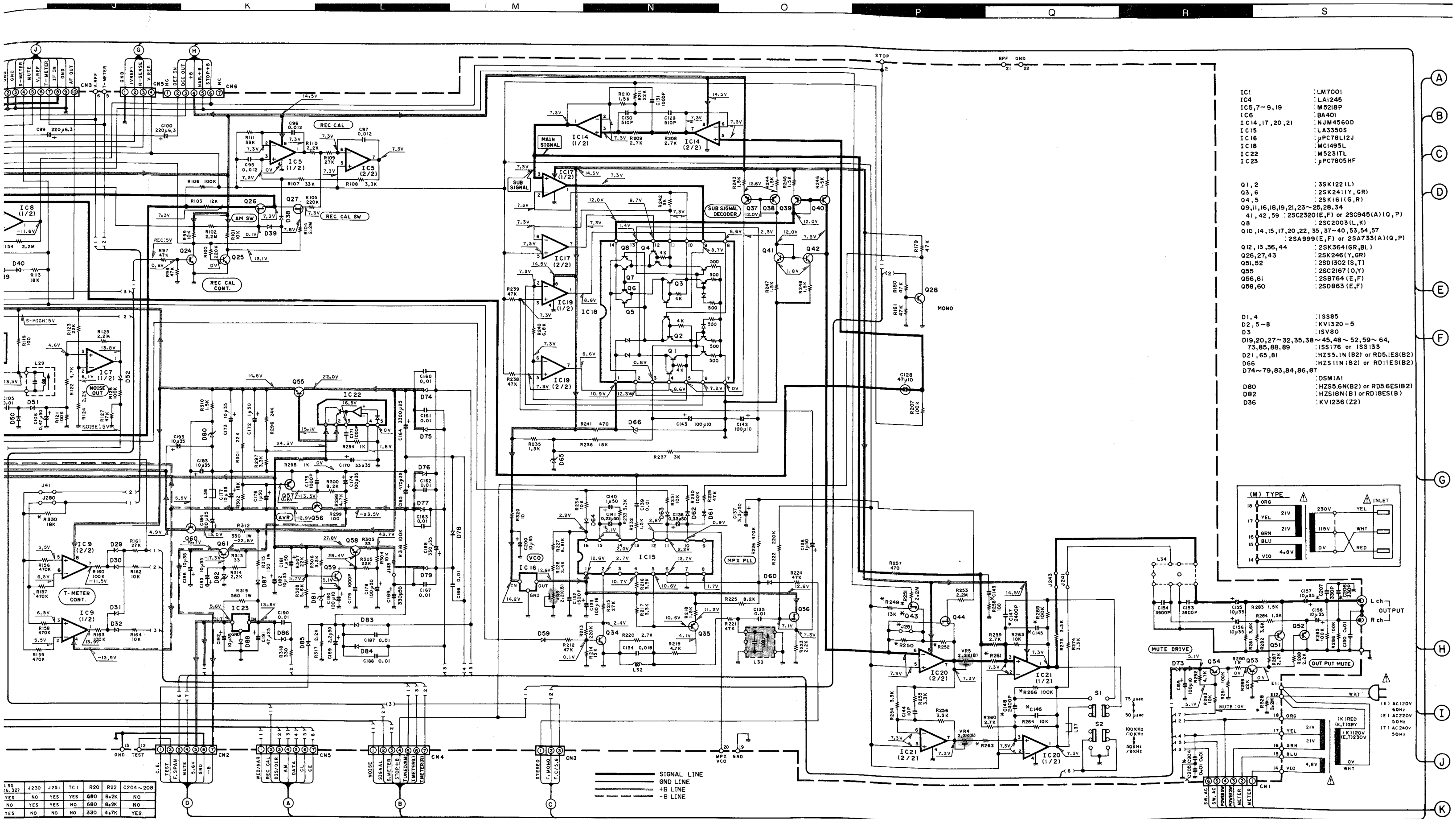
- 2SA733 (A)
- 2SA954
- 2SA999
- 2SB764
- 2SC2003
- 2SC2320
- 2SC945 (A)
- 2SD1302
- 2SD863
- MC1495L
- 2SC2167
- NJM4200D
- M5231TL
- UPD4069UC
- LA1231NS
- LA3350S
- LM7001
- LA1245
- UPC1163HA
- M5218P
- LC7570
- UPC7805HF
- UPC78L12J
- 2SK246
- 2SK364
- 3SK122
- 2SK161
- 2SK241
- 2SK211
- 2SK302
- 2SK425
- BA401
- CXP5016-216S



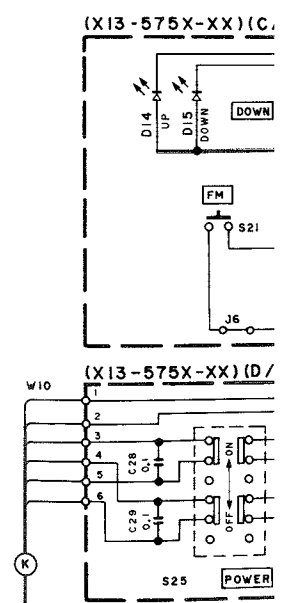
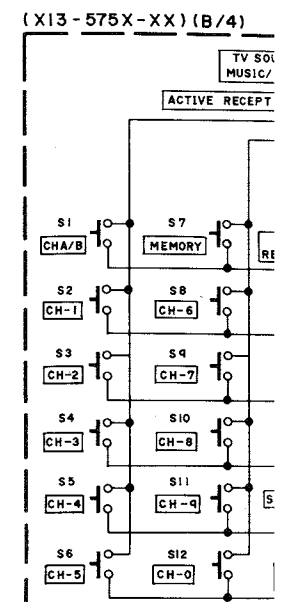
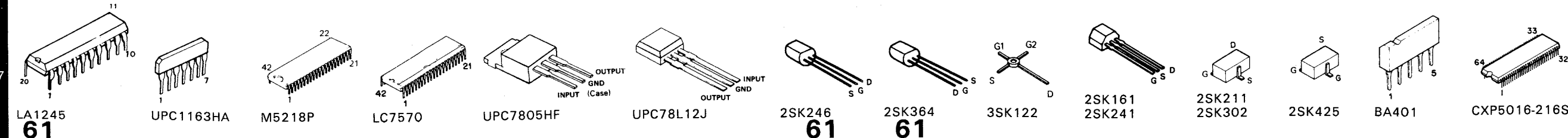
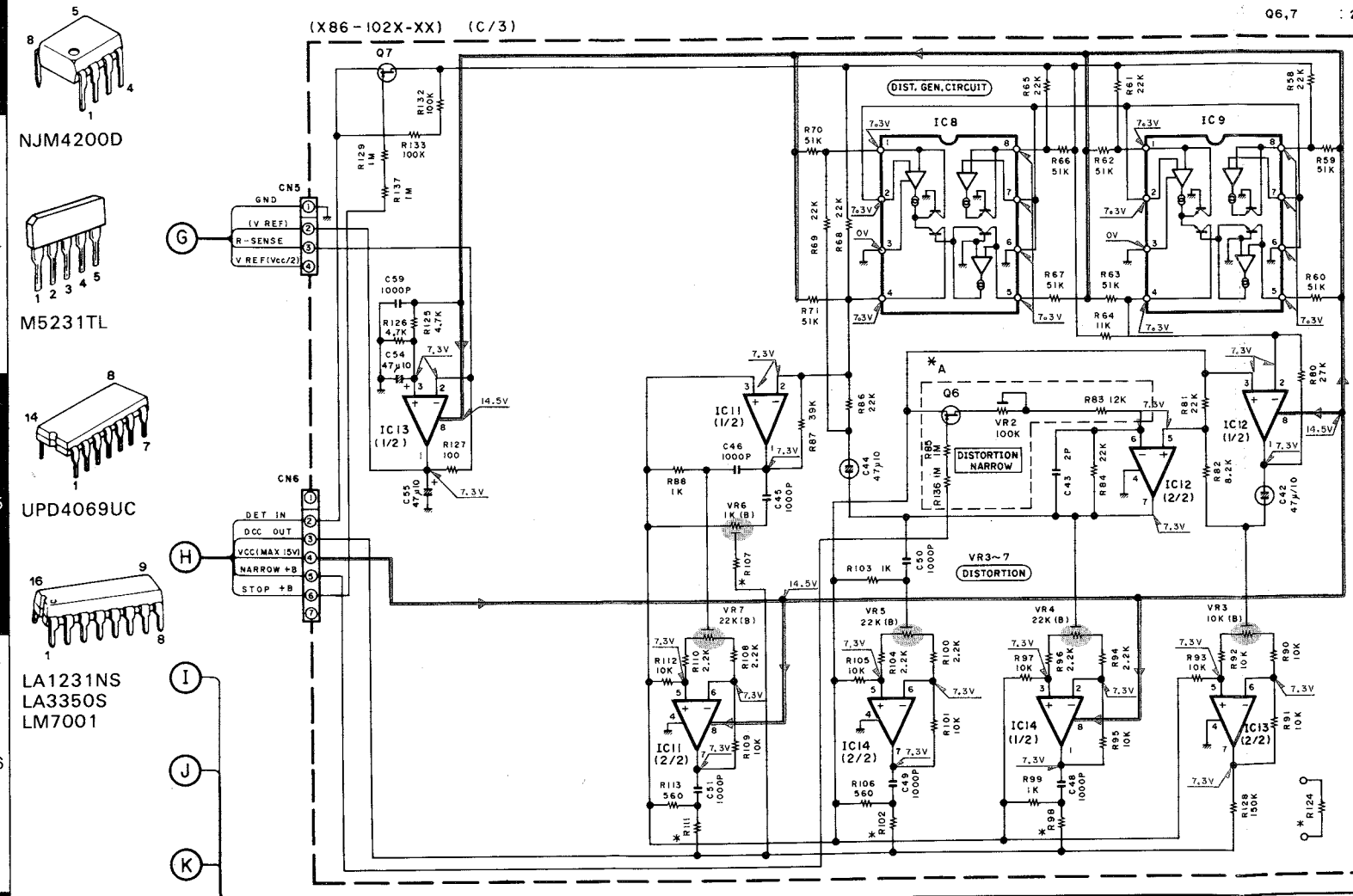
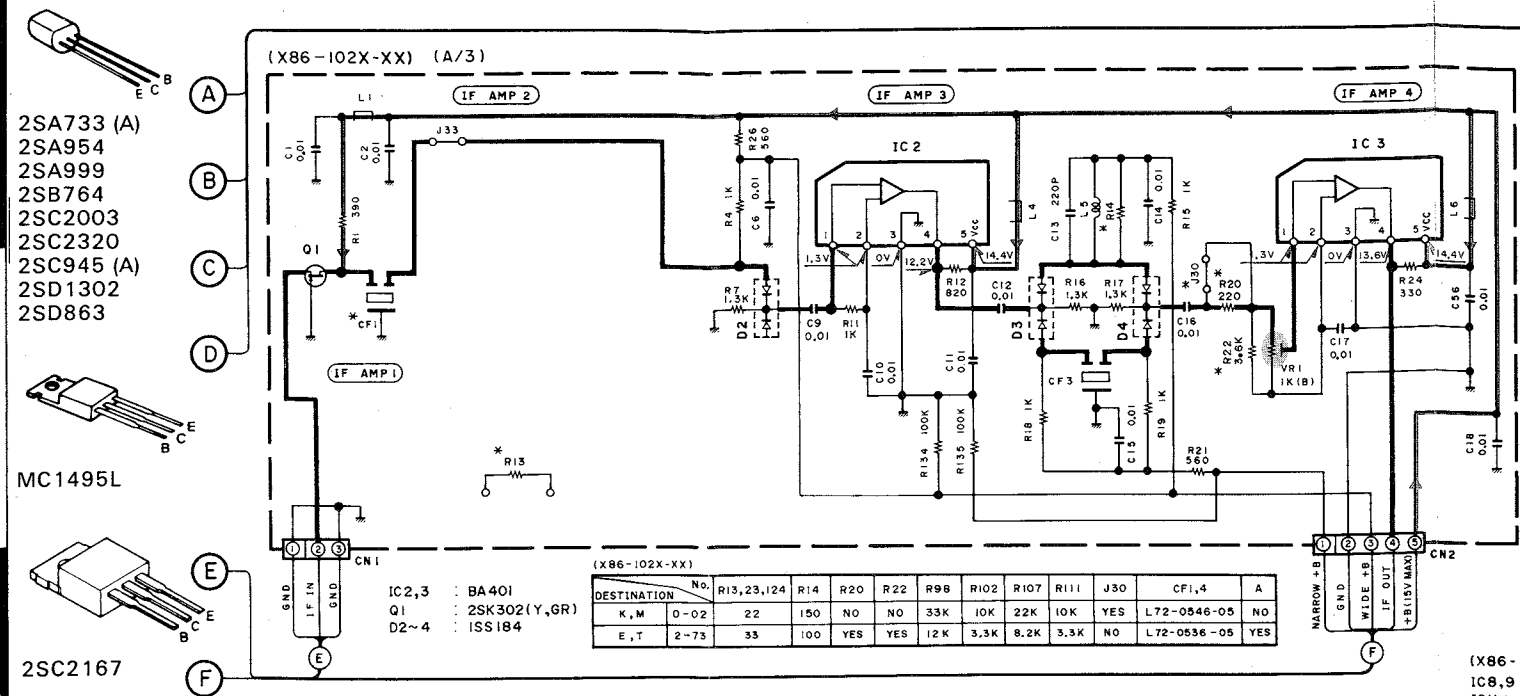
(X05-342X-XX)

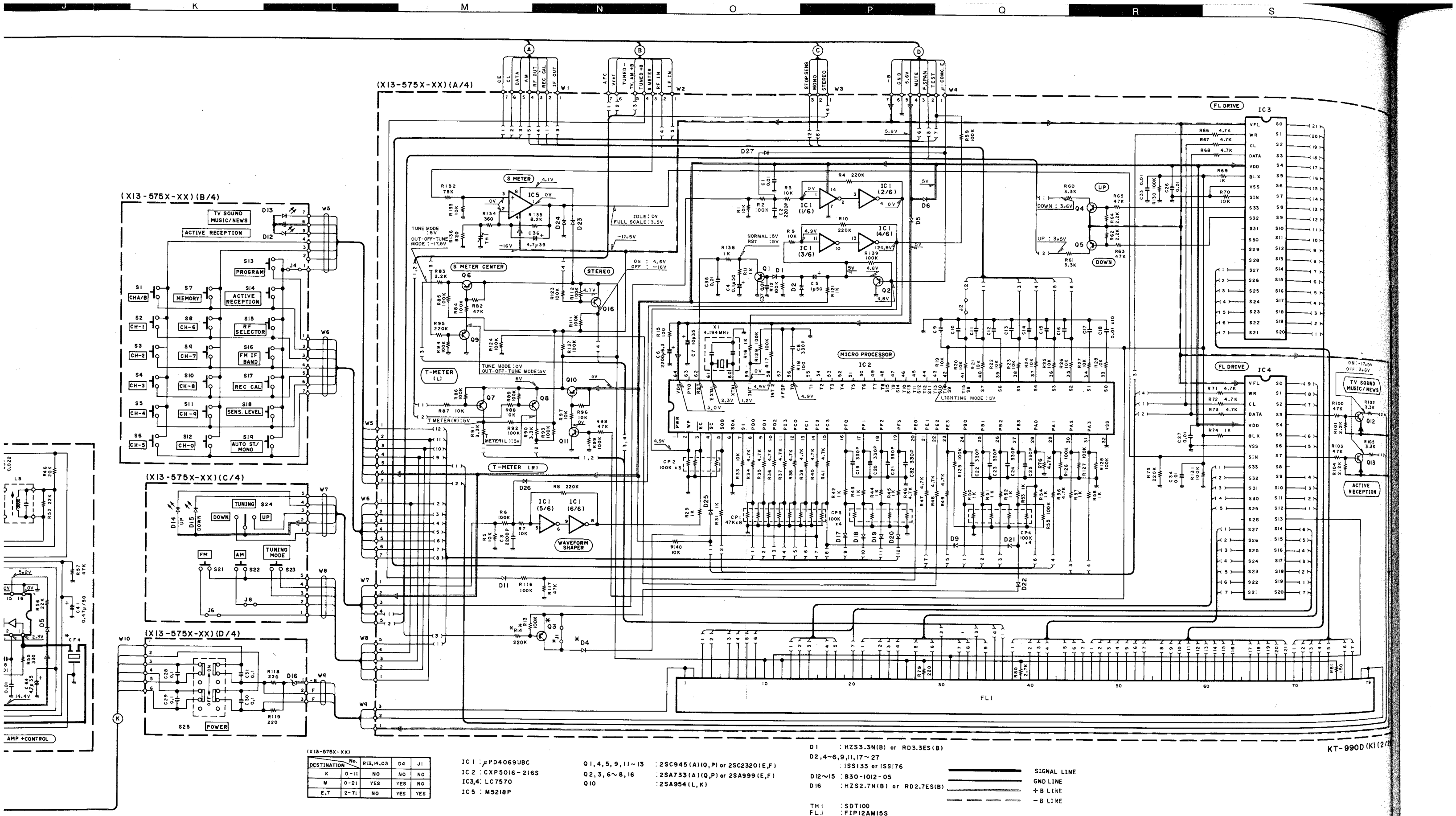
DESTINATION	Q1, 328	R59, 92, 112, 119, 299	R252	R261	C145	C147, 148	C149	Q43, R37	L3, 15	L35	J230	J251	TC1	R20	R22	C204~208
K	0-11	YES	4.7K	3K	7500P	NO	1200P	NO	NO	YES	NO	YES	YES	680	6.2K	NO
M	0-21	NO	4.7K	3K	4700P	YES	1200P	NO	YES	NO	YES	YES	NO	680	6.2K	NO
E, T	2-71	NO	3.9K	3.3K	4700P	NO	2000P	YES	NO	YES	NO	NO	NO	330	4.7K	YES

CAUTION:
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KT-990D(K) (1/2)





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 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.

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.