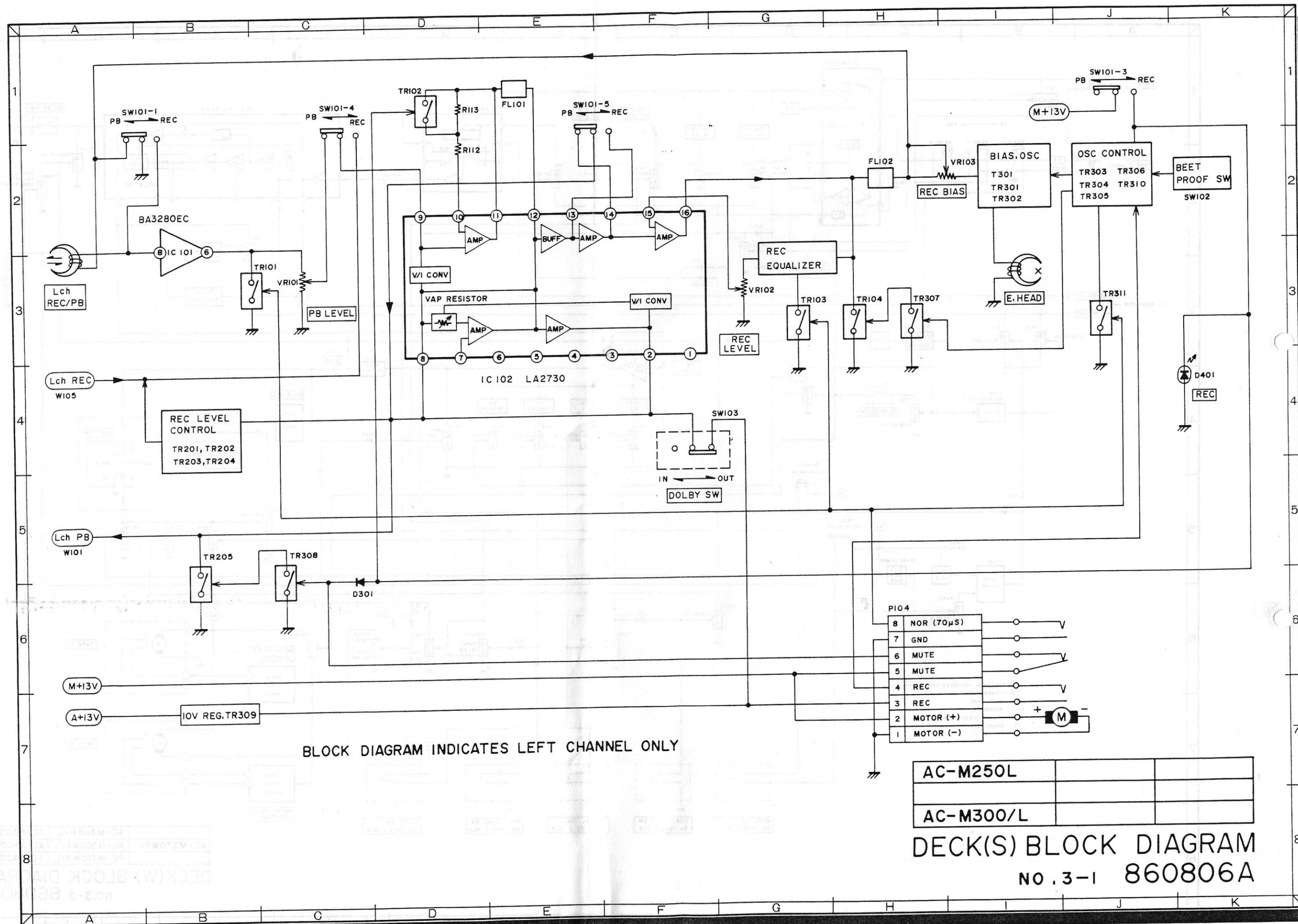
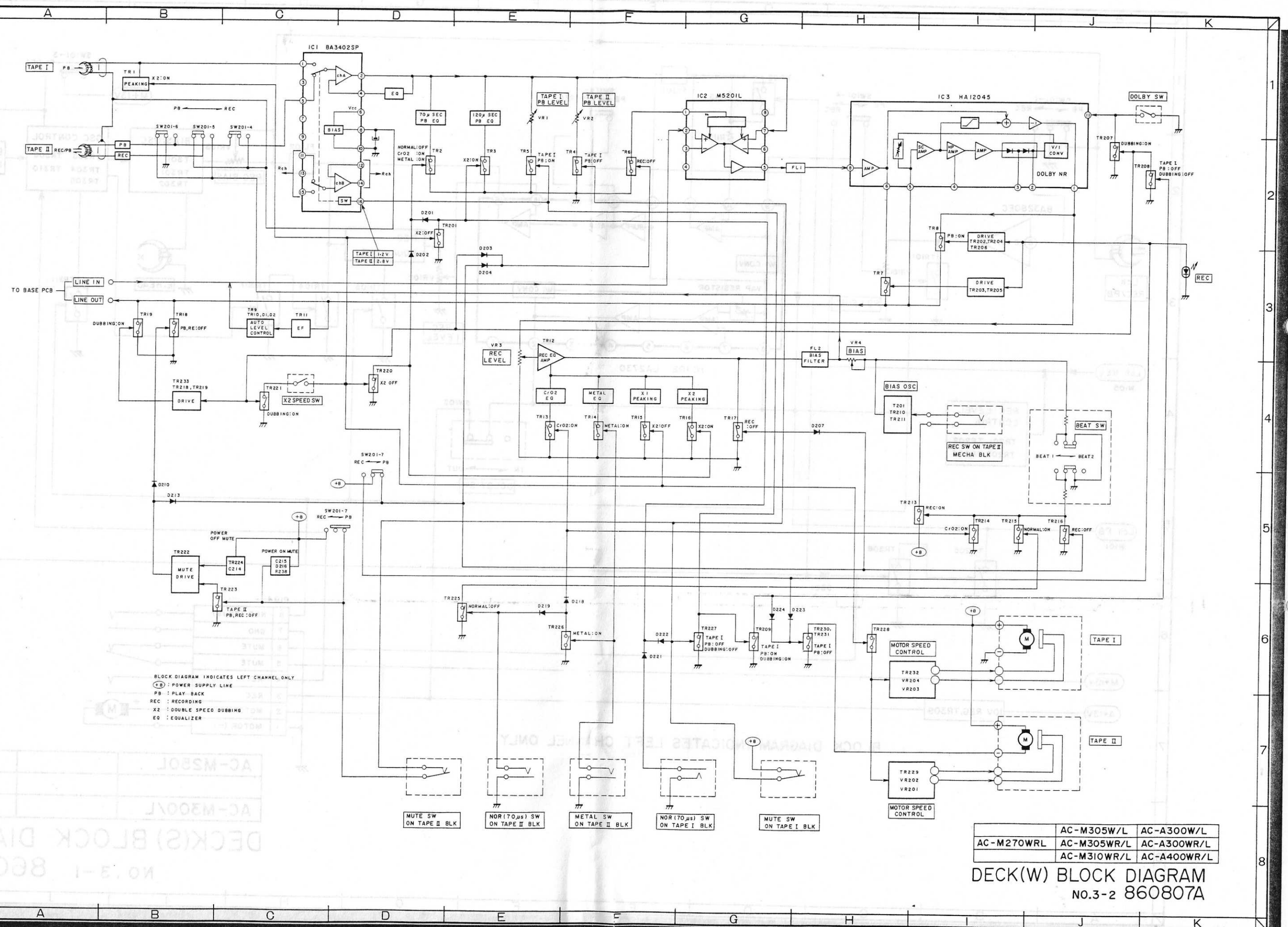
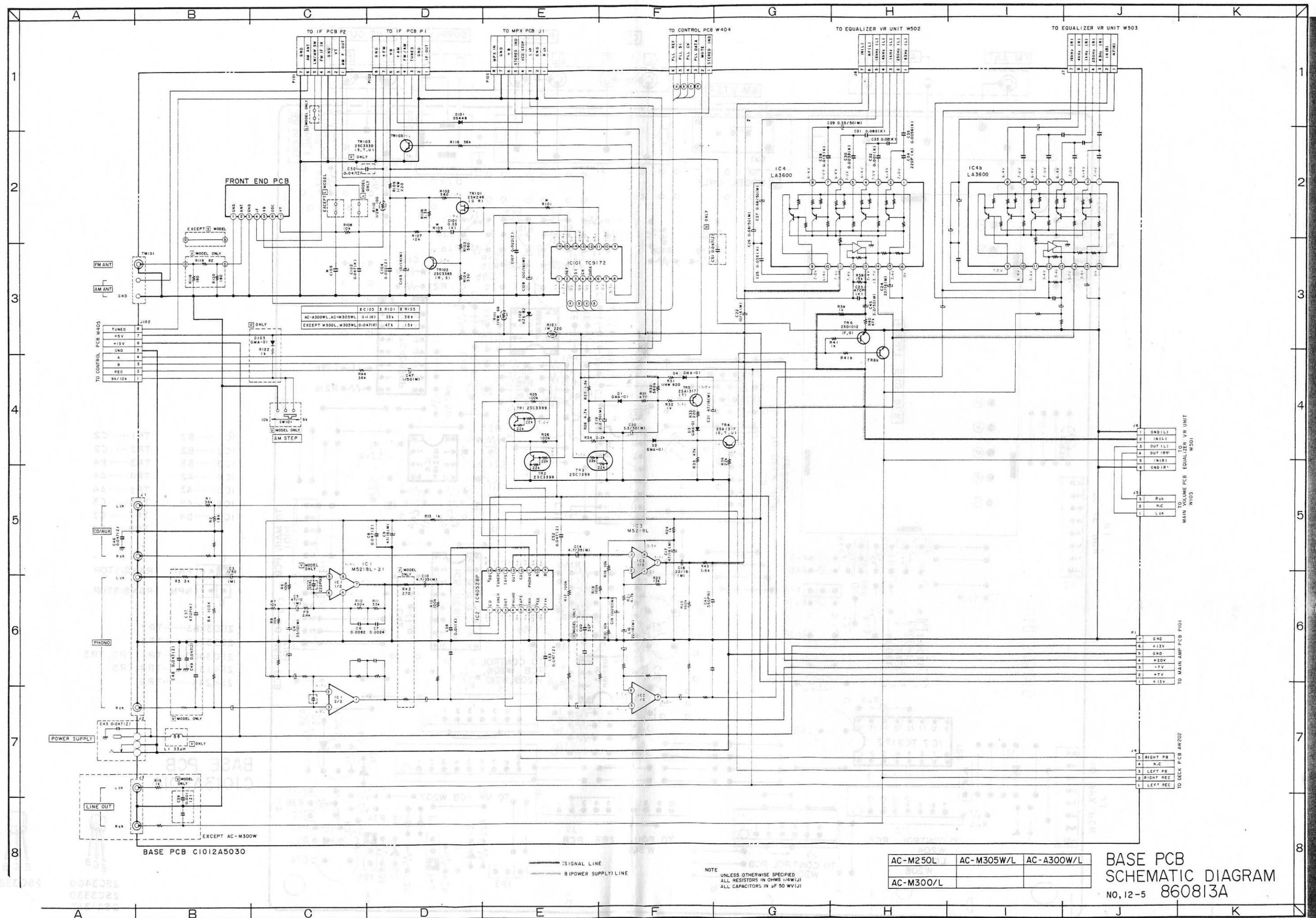
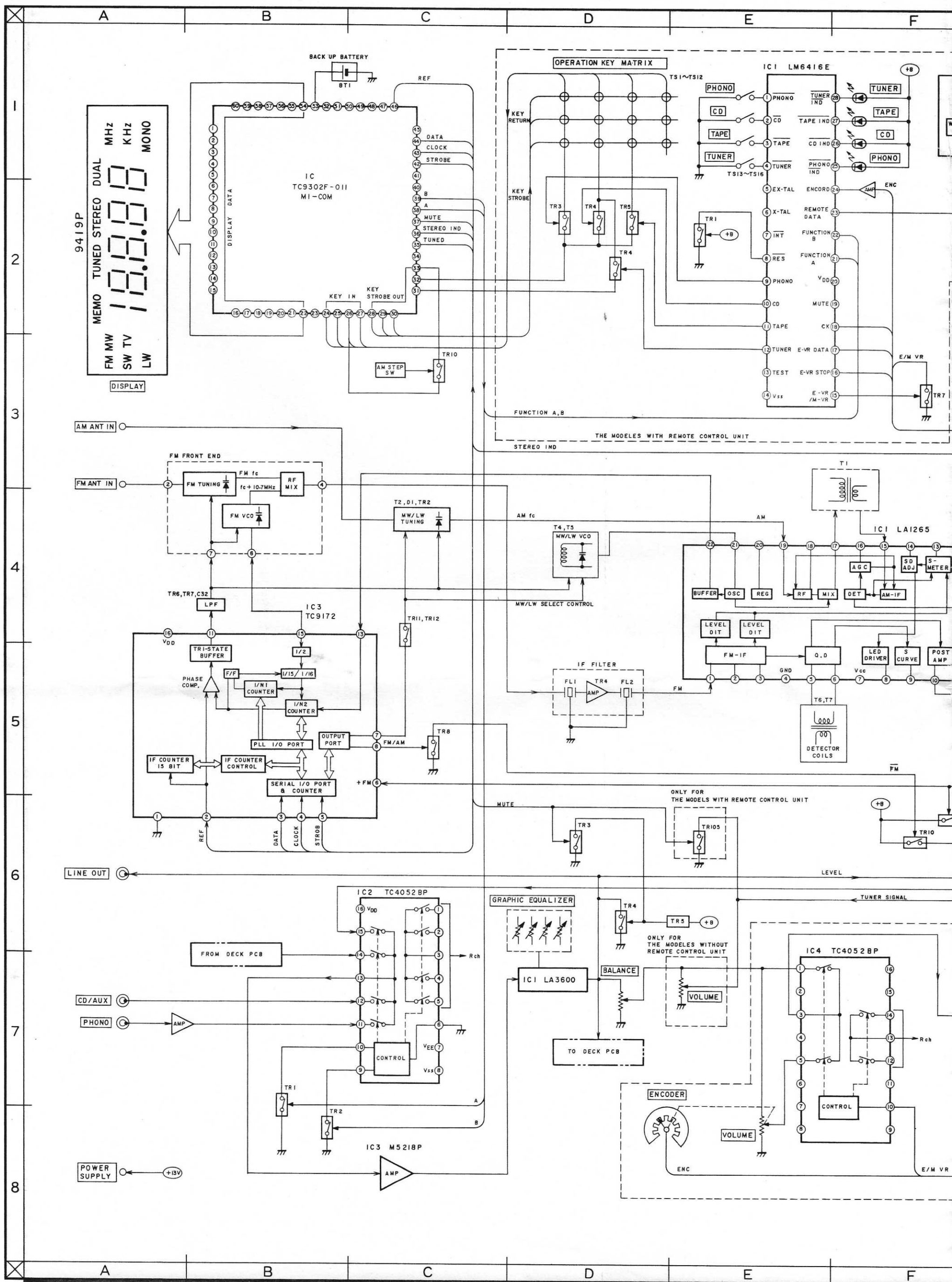
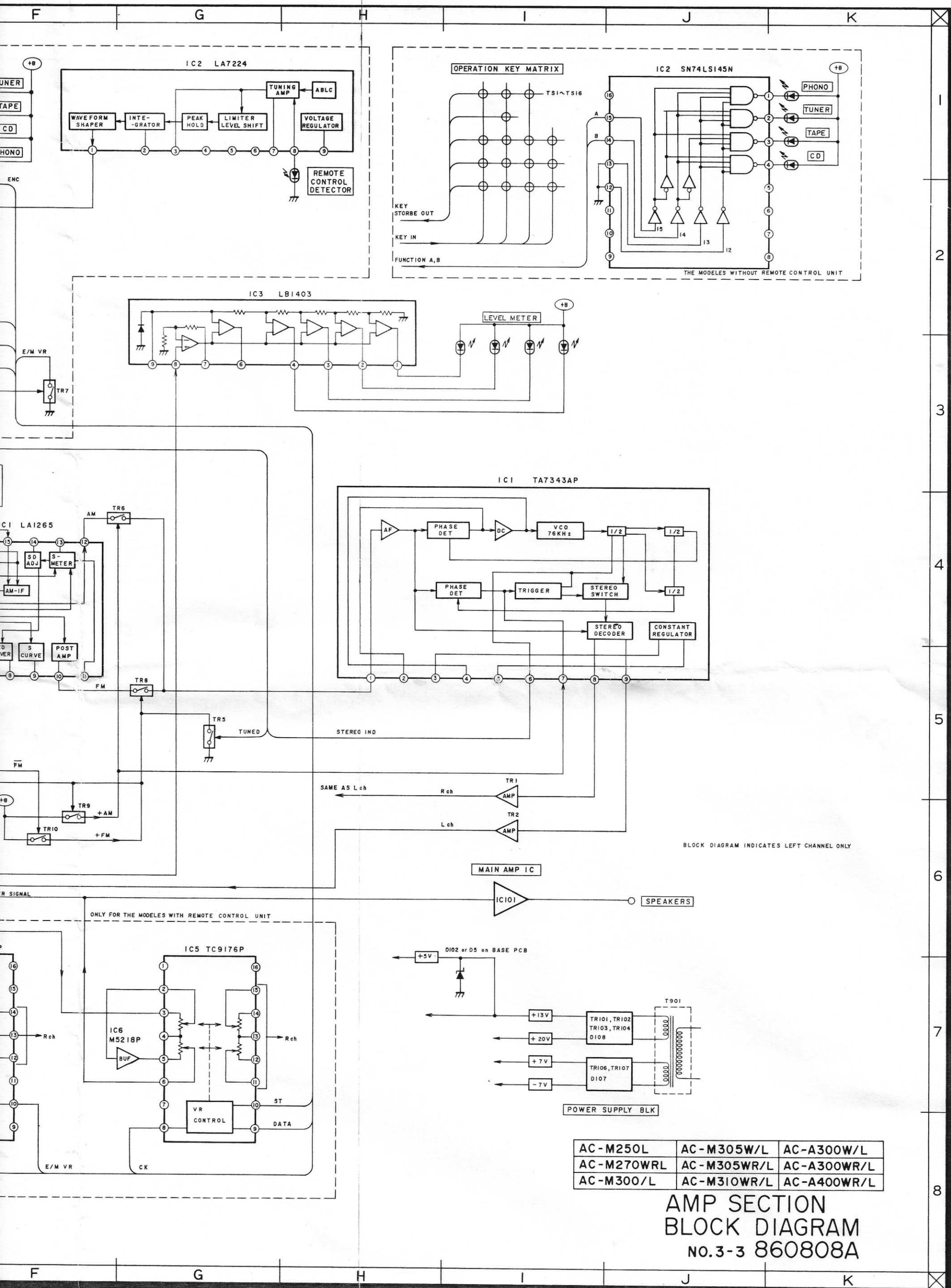


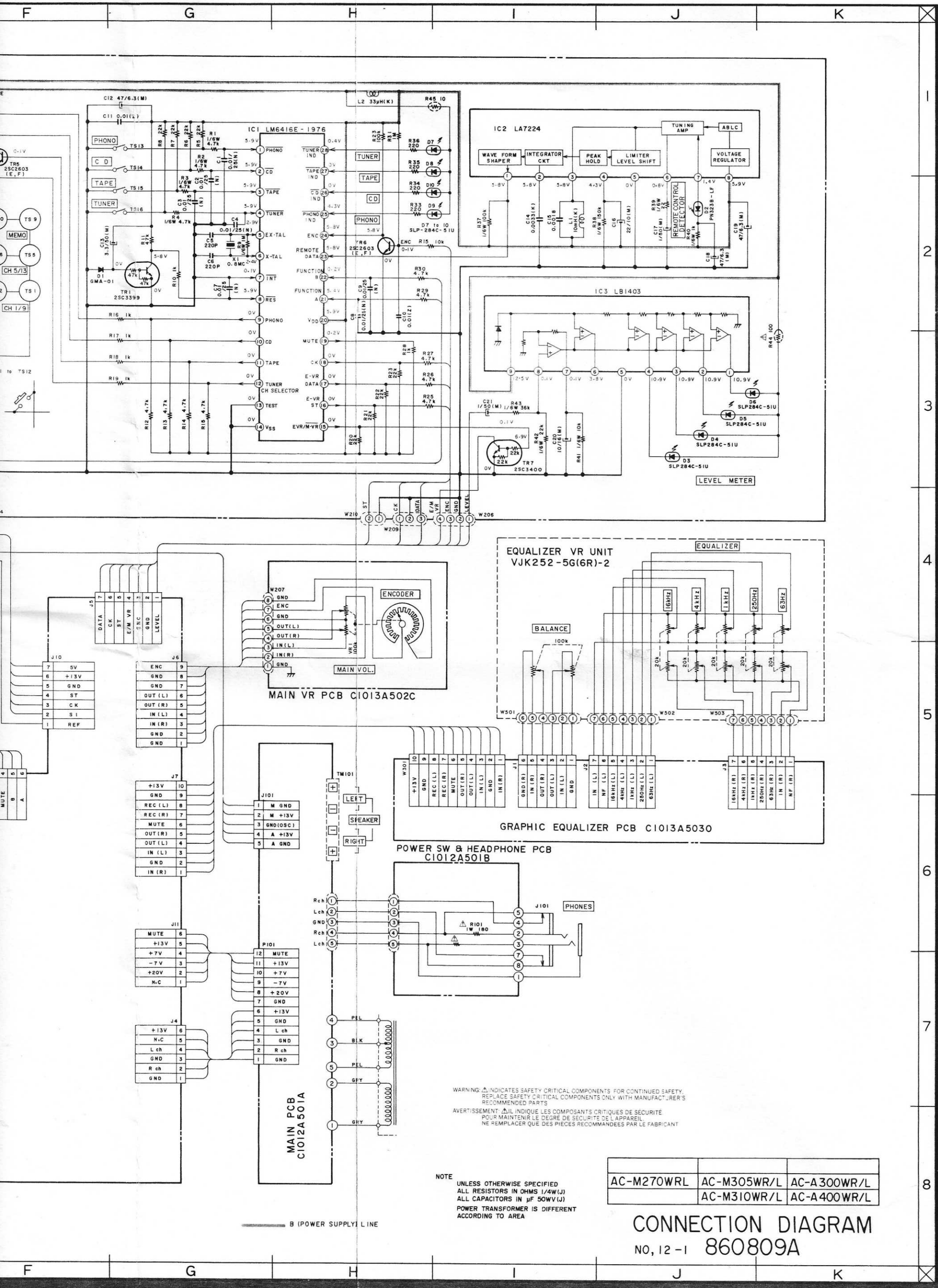












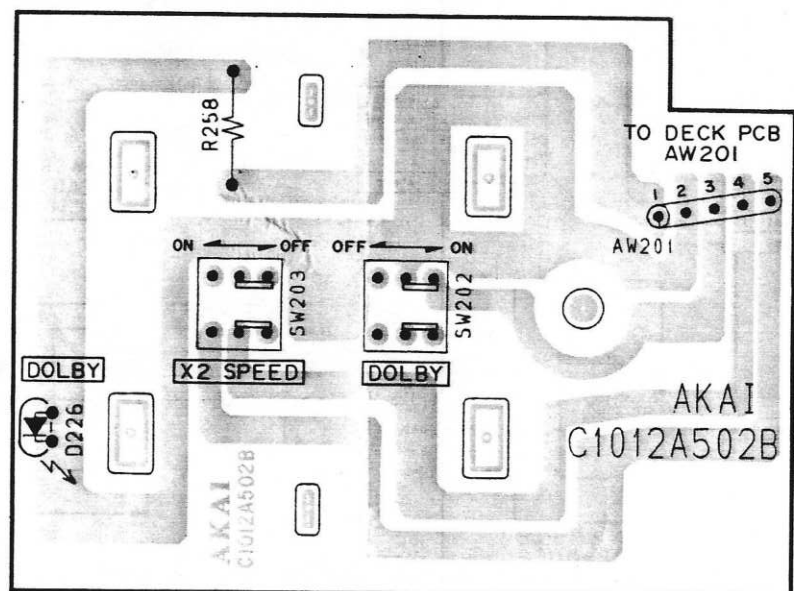
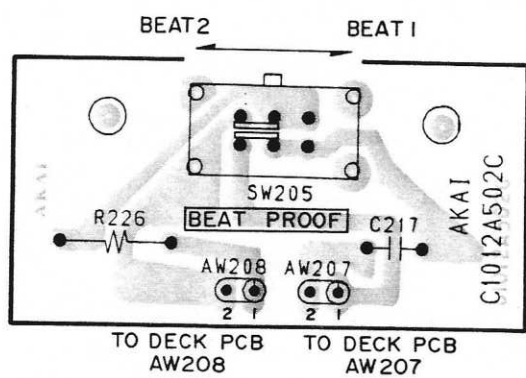
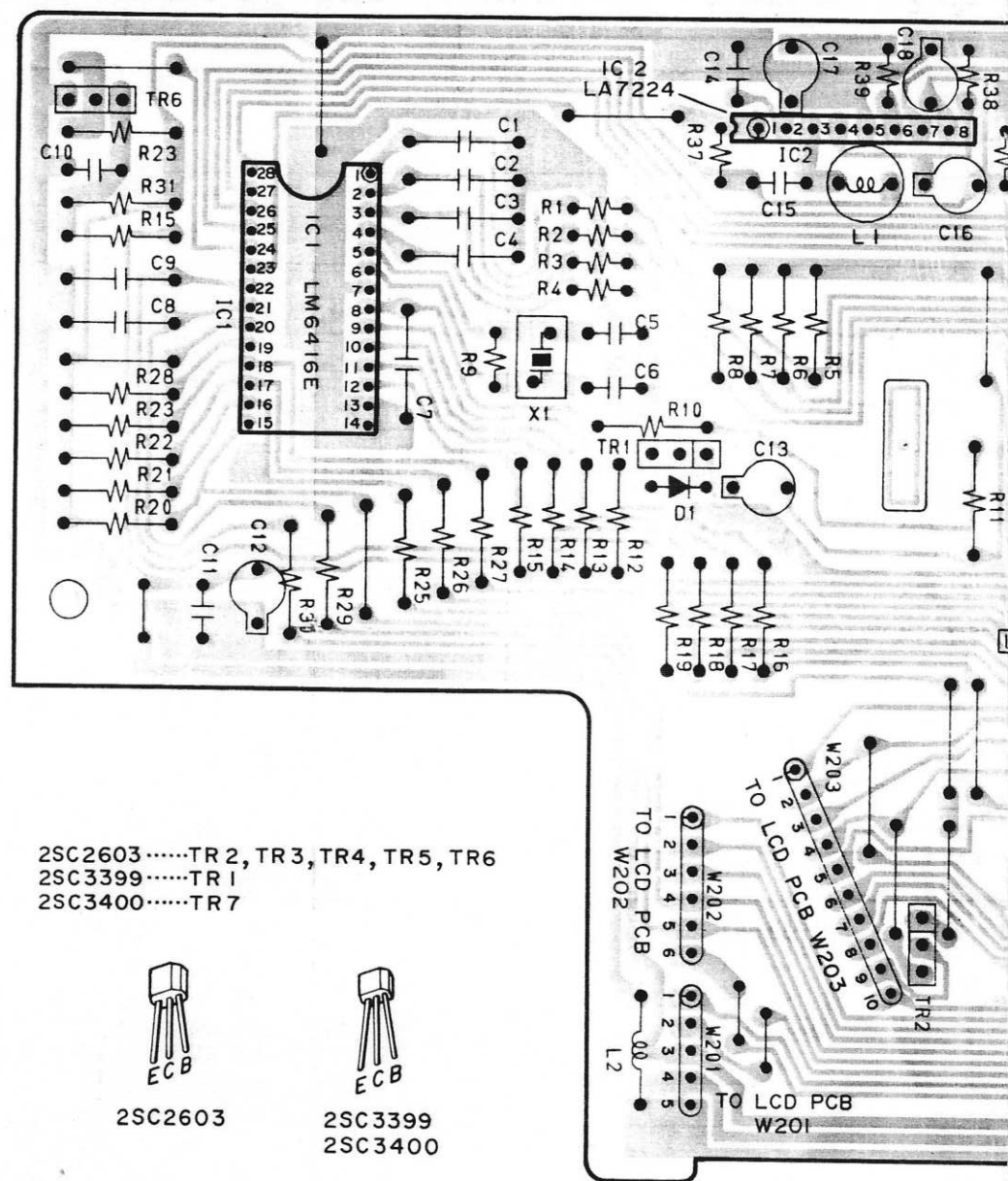
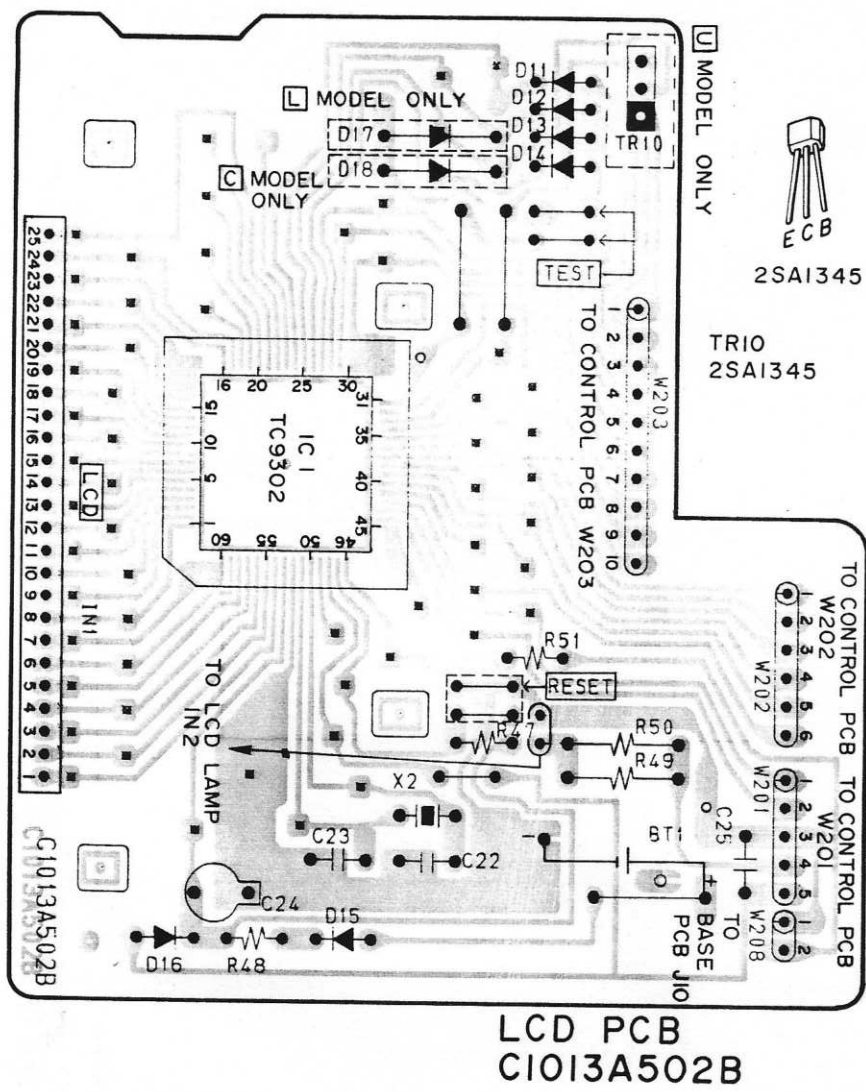
WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS
AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ
POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT

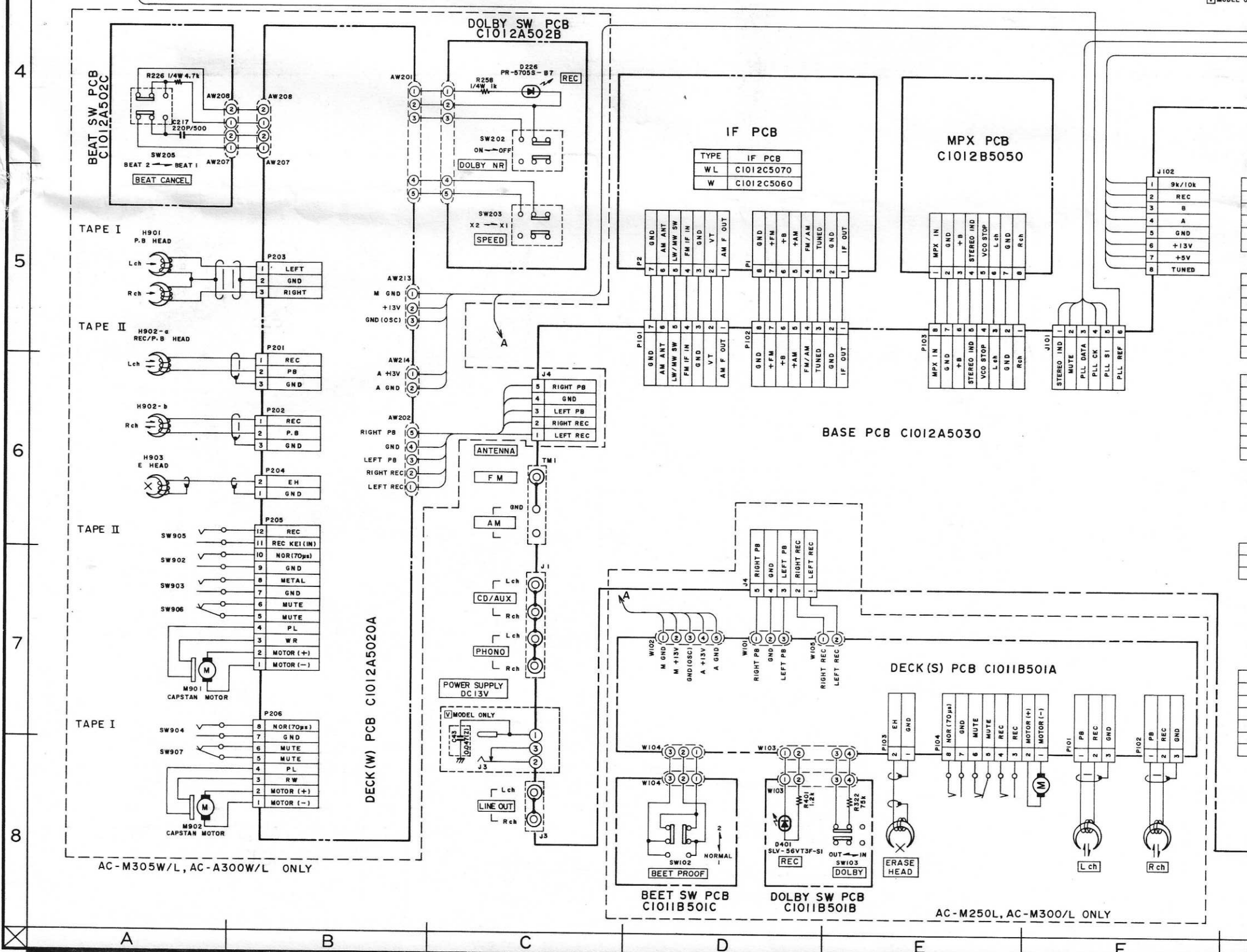
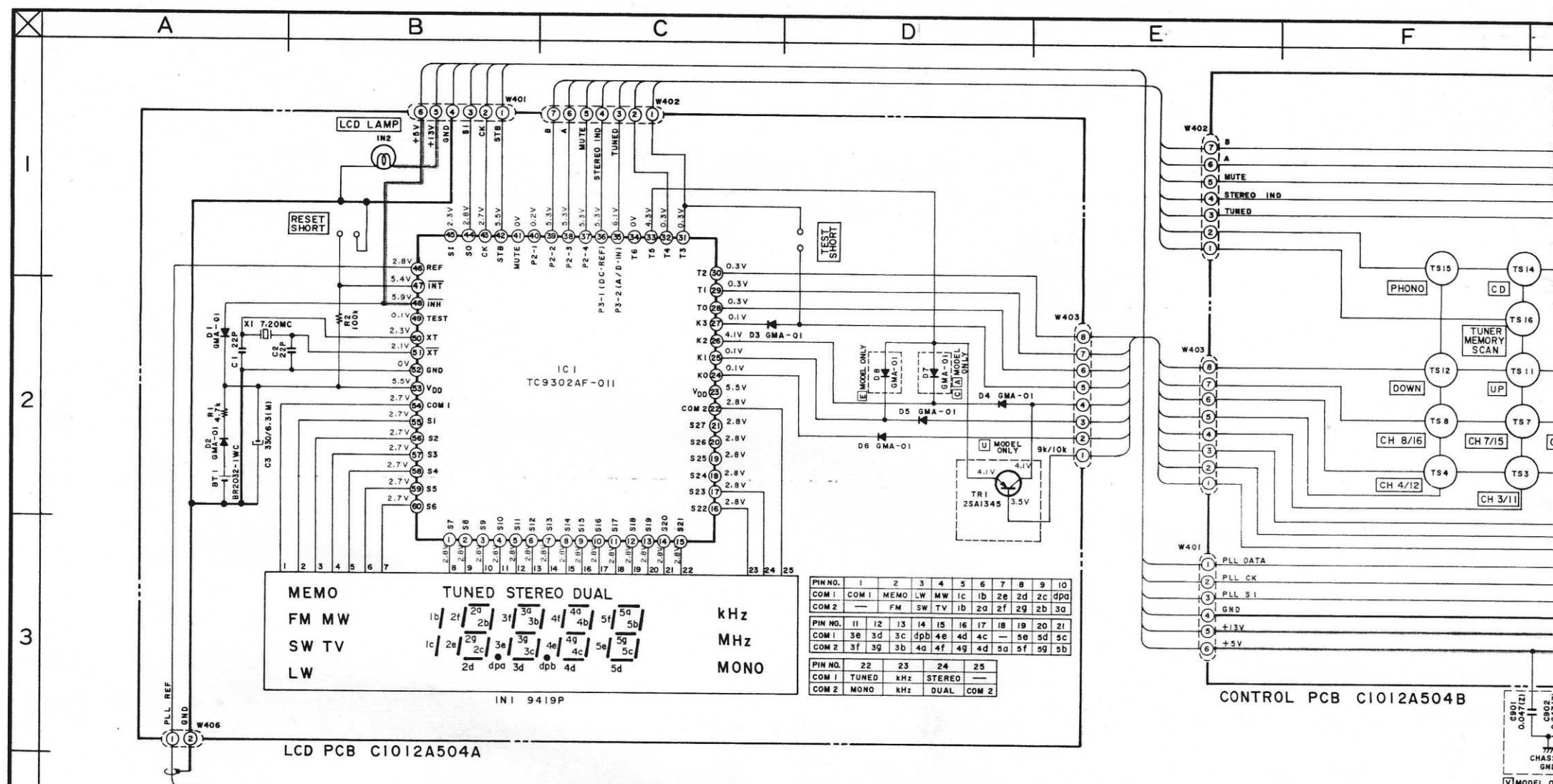
NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W(J)
ALL CAPACITORS IN μ F 50WV(J)
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA

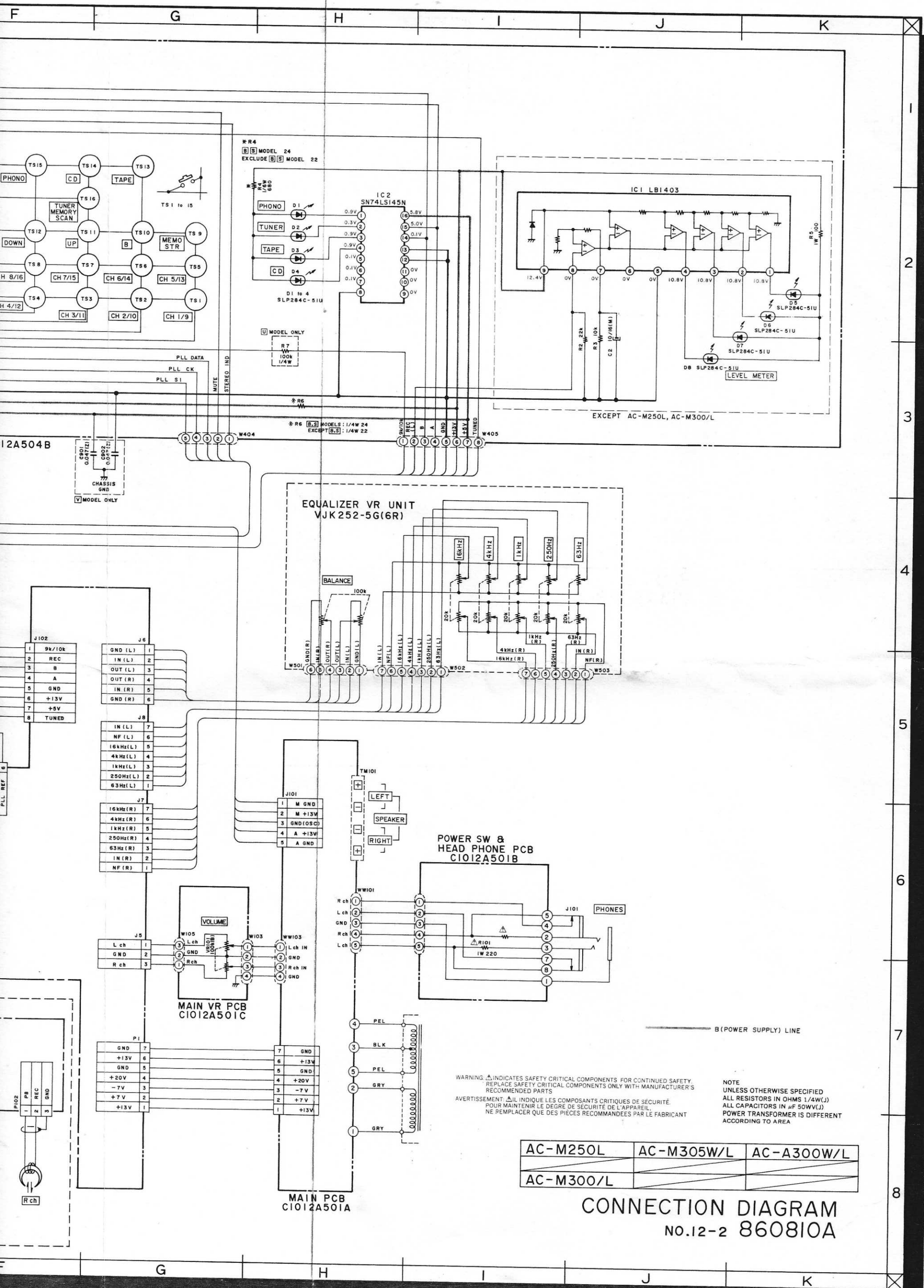
AC-M270WRL	AC-M305WR/L	AC-A300WR/L
	AC-M310WR/L	AC-A400WR/L

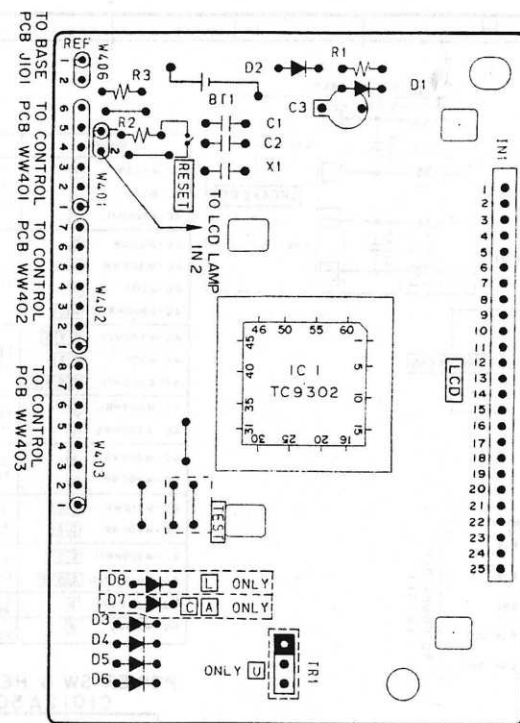
CONNECTION DIAGRAM

NO. 12-1 860809A



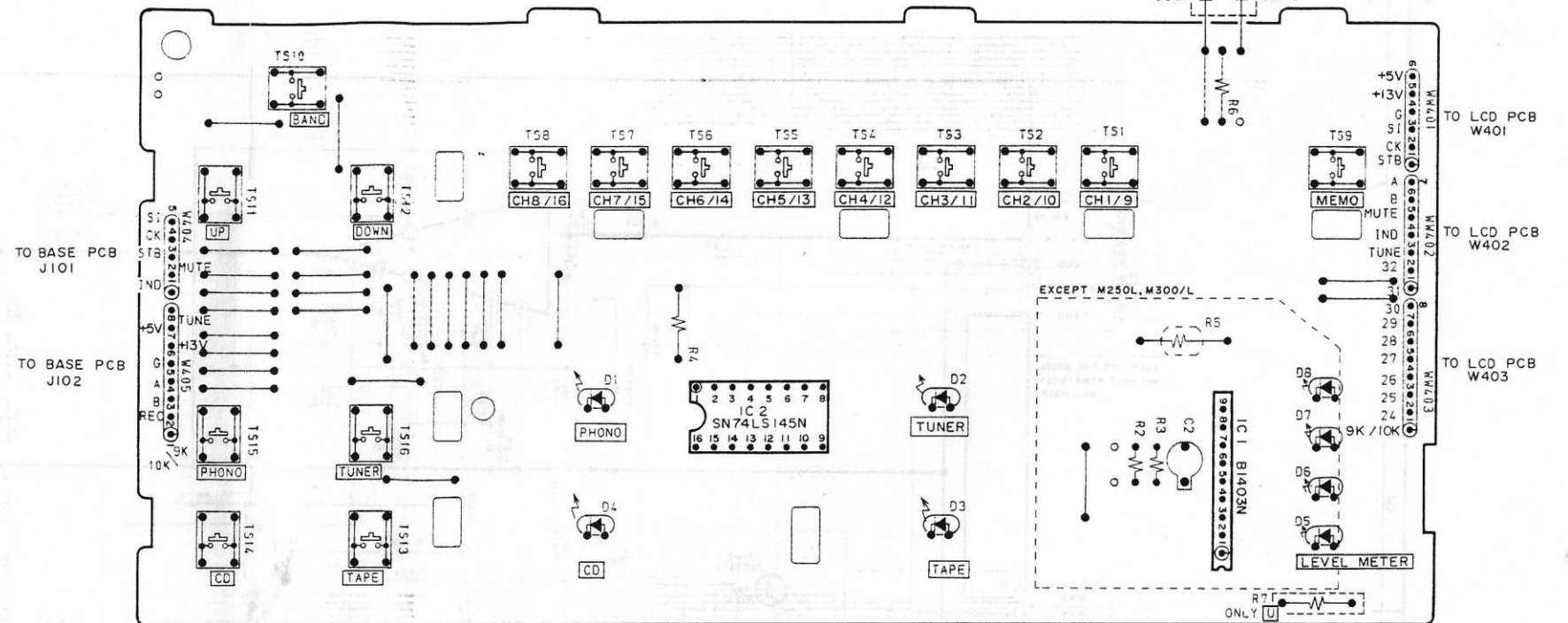




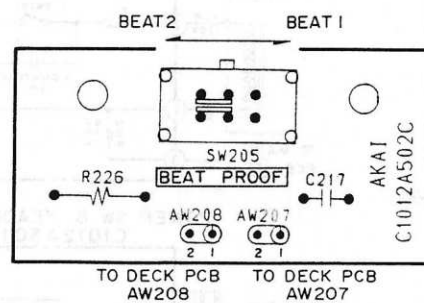


LCD PCB
C1012A504A

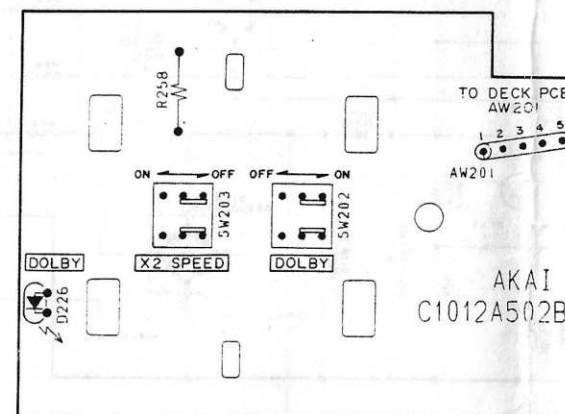
2SA1345 TRI



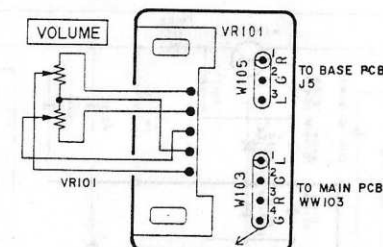
CONTROL PCB
C1012A504B



BEAT SW PCB
C1012A502C



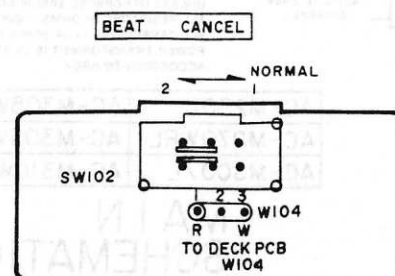
DOLBY SW PCB
C1012A502B



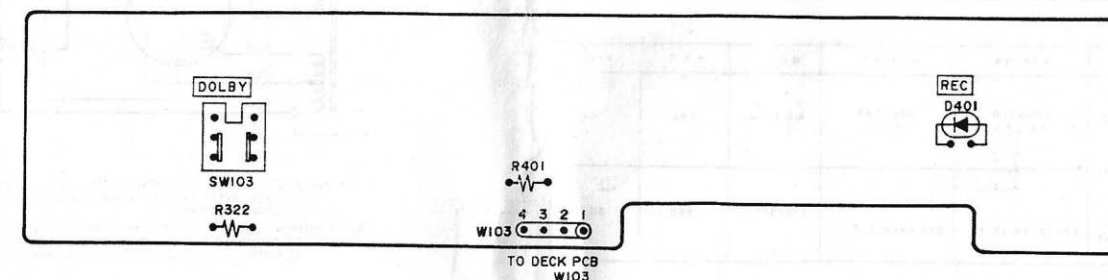
MAIN VR PCB C1012A501C

ONLY FOR THE MODELS WITHOUT
REMOTE CONTROL UNIT

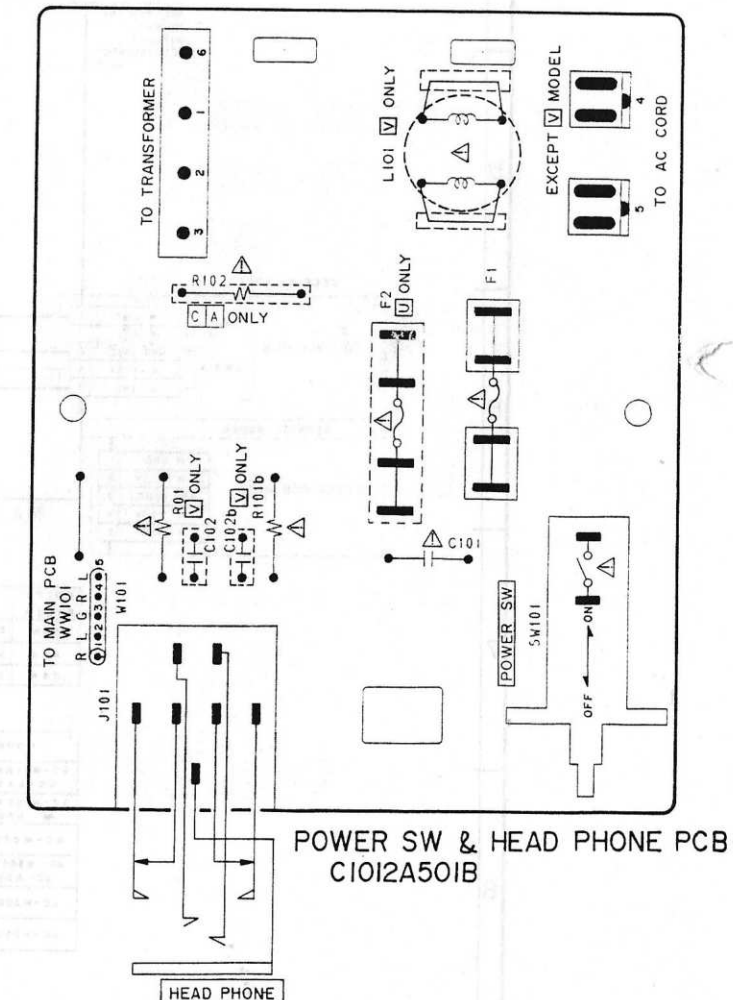
WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY,
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS
AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL,
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT



BEAT SW PCB
C1011B501C

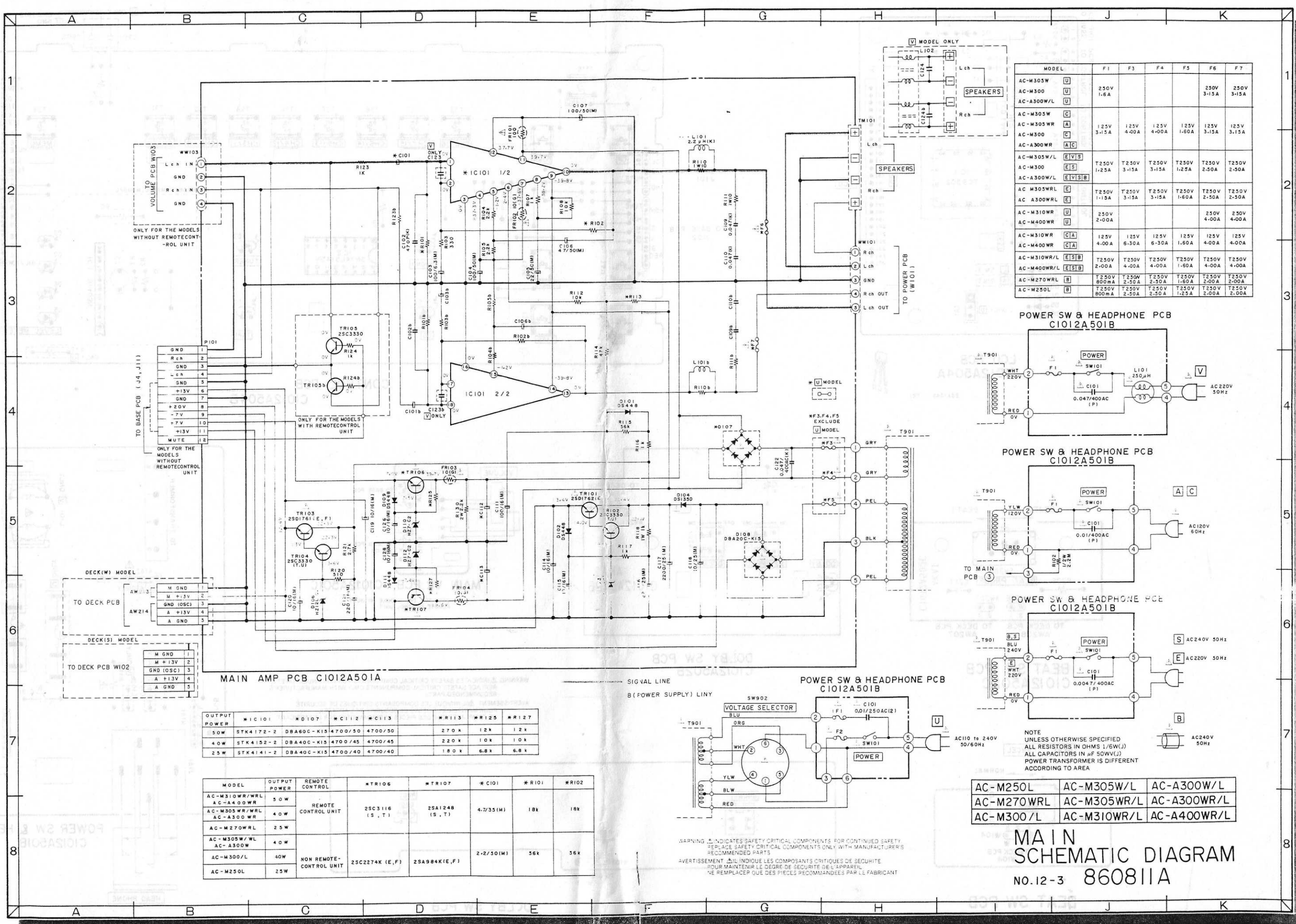


DOLBY SW PCB
C1011B501B

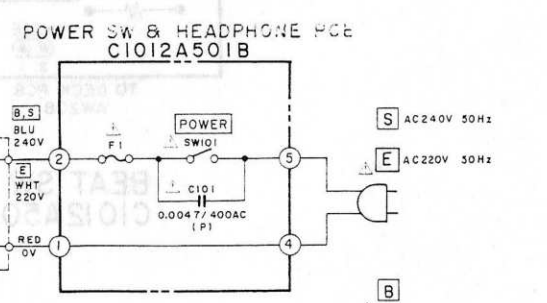
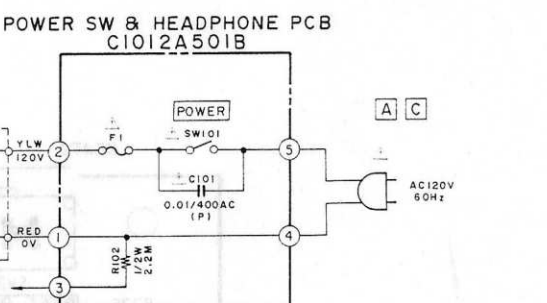
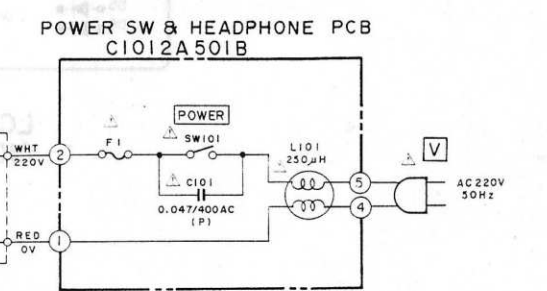


POWER SW & HEAD PHONE PCB
C1012A501B

Alkan



MODEL	F1	F3	F4	F5	F6	F7
AC-M305W	250V 1.6A				250V 3.15A	250V 3.15A
AC-M300						
AC-A300W/L						
AC-M305W						
AC-M305WR	125V 3.15A	125V 4.00A	125V 4.00A	125V 1.60A	125V 3.15A	125V 3.15A
AC-M300						
AC-A300WR						
AC-M305W/L						
AC-M305WR	125V 1.25A	125V 3.15A	125V 3.15A	125V 1.25A	125V 2.50A	125V 2.50A
AC-A300W/L						
AC-M305WRL						
AC-M305WR	125V 1.25A	125V 3.15A	125V 3.15A	125V 1.25A	125V 2.50A	125V 2.50A
AC-A300WRL						
AC-M310WR	250V 2.00A				250V 4.00A	250V 4.00A
AC-M400WR						
AC-M310WR	125V 4.00A	125V 6.30A	125V 6.30A	125V 1.60A	125V 4.00A	125V 4.00A
AC-M400WR						
AC-M310WRL						
AC-M400WRL	125V 2.00A	125V 4.00A	125V 4.00A	125V 1.60A	125V 4.00A	125V 4.00A
AC-M270WRL						
AC-M250L	125V 800mA	125V 800mA	125V 800mA	125V 1.25A	125V 2.00A	125V 2.00A



NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/6W(J)
ALL CAPACITORS IN μ F 50V(J)
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA

AC-M250L	AC-M305W/L	AC-A300W/L
AC-M270WRL	AC-M305WR/L	AC-A300WR/L
AC-M300/L	AC-M310WR/L	AC-A400WR/L

MAIN SCHEMATIC DIAGRAM

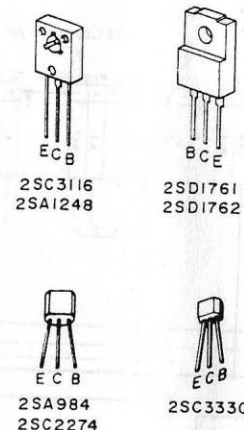
NO.12-3 860811A

WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
RECOMMENDED PARTS.
AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SECURITE.
POUR MAINTENIR LE DEGRE DE SECURITE DE L'APPAREIL,
NE REMPLACER QUE DES PIECES RECOMMANDEES PAR LE FABRICANT.

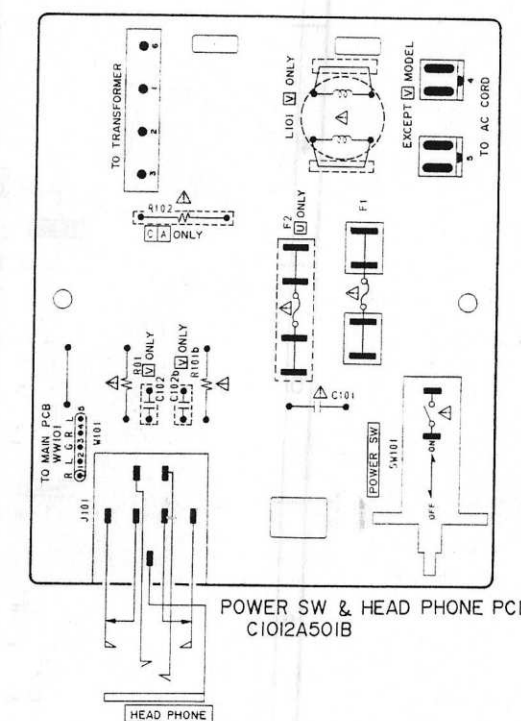
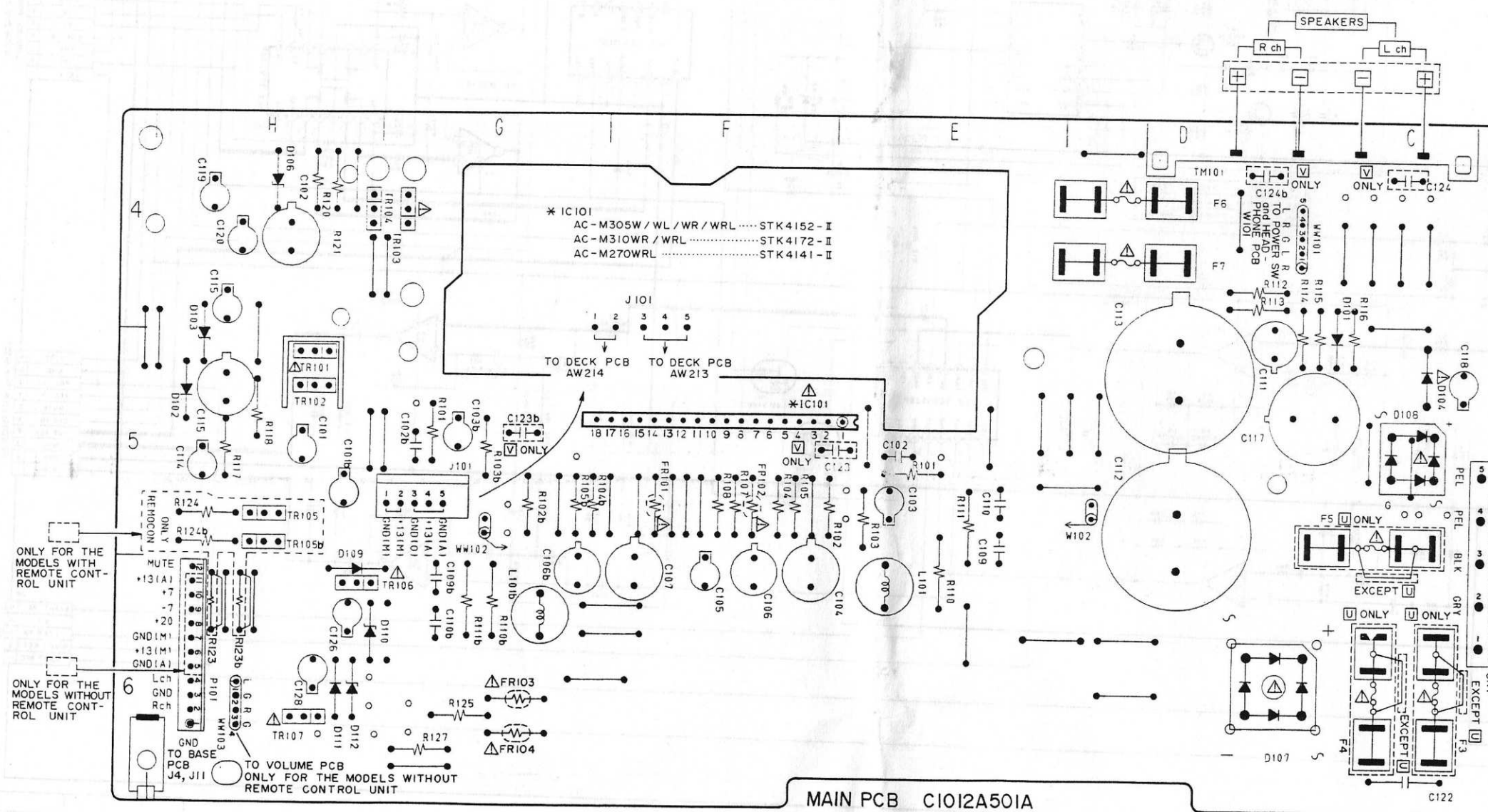
PNP TRANSISTOR
 NPN TRANSISTOR

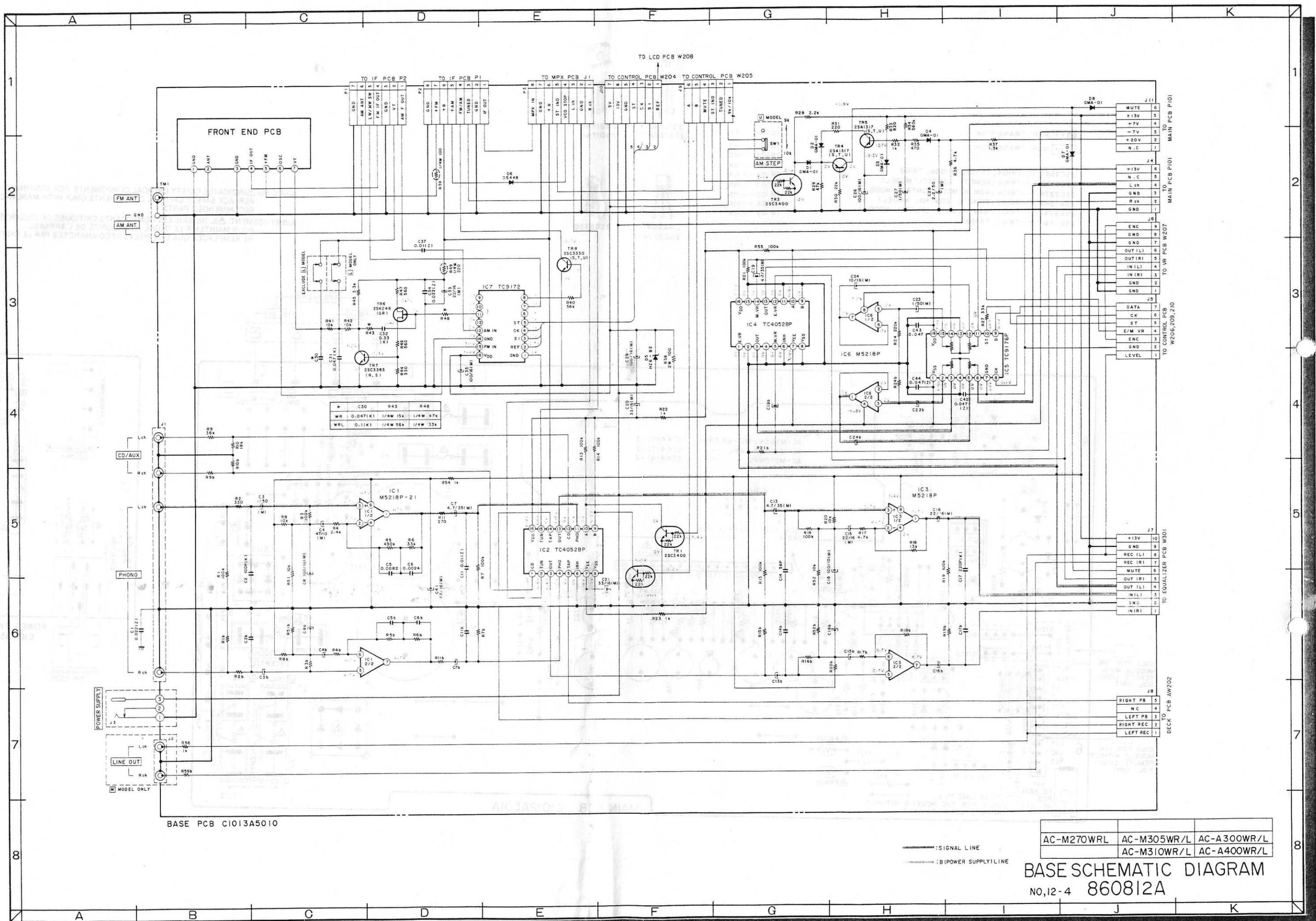
2SC3330.....TRI04, TRI05, TRI05b, TRI02
 2SC3116.....TRI06 (REMOTE CONTROL MODEL)
 2SC2274.....TRI06 (NON REMOTE CONTROL MODEL)
 2SA1248.....TRI07 (REMOTE CONTROL MODEL)
 2SA984K.....TRI07 (NON REMOTE CONTROL MODEL)
 2SD1761.....TRI01, TRI03

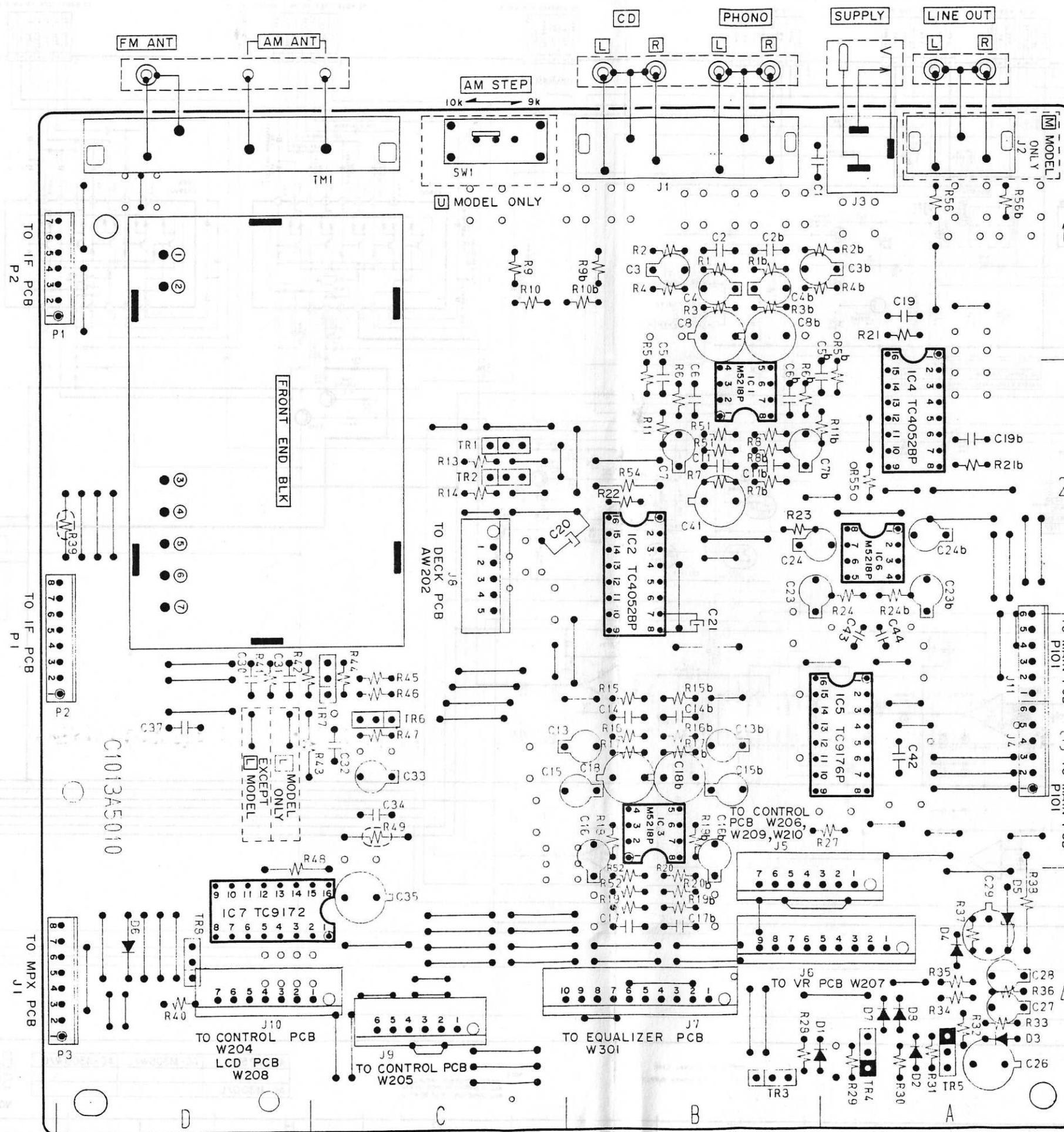
IC101.....F5
 TRI01.....H5
 TRI02.....H5
 TRI03.....G4
 TRI04.....G4
 TRI05.....H5
 TRI05b.....H5
 TRI06.....H6
 TRI07.....H6



WARNING: Δ INDICATES SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY.
 REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
 RECOMMENDED PARTS
 AVERTISSEMENT: Δ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ.
 POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL,
 NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT







IC 1 B2
 IC 2 B2
 IC 3 B3
 IC 4 A2
 IC 5 A3
 IC 6 A2
 IC 7 D4
 TR 1 C2
 TR 2 C2
 TR 3 B4
 TR 4 A4
 TR 5 A4
 TR 6 C3
 TR 7 C3
 TR 8 D4

B PNP TRANSISTOR
 NPN TRANSISTOR

2SC3383 TR 7
 2SC3330 TR 8
 2SC3400 TR 1, TR 2, TR 3
 2SA1317 TR 4, TR 5
 2SK246 TR 6,

BASE PCB
 C1013A5010



2SC3400
 2SC3330
 2SA1317



2SC3383



2SK246

B PNP TRANSISTOR
 NPN TRANSISTOR
 B

2SC3399..... TR1, TR2, TR3
 2SC3383..... TR102
 2SA1317..... TR4, TR5
 2SD1012..... TR6, TR6b
 2SK246..... TR101

IC1..... B3
 IC2..... B2
 IC3..... C2
 IC4..... D2
 IC4b..... D3
 IC101..... C1

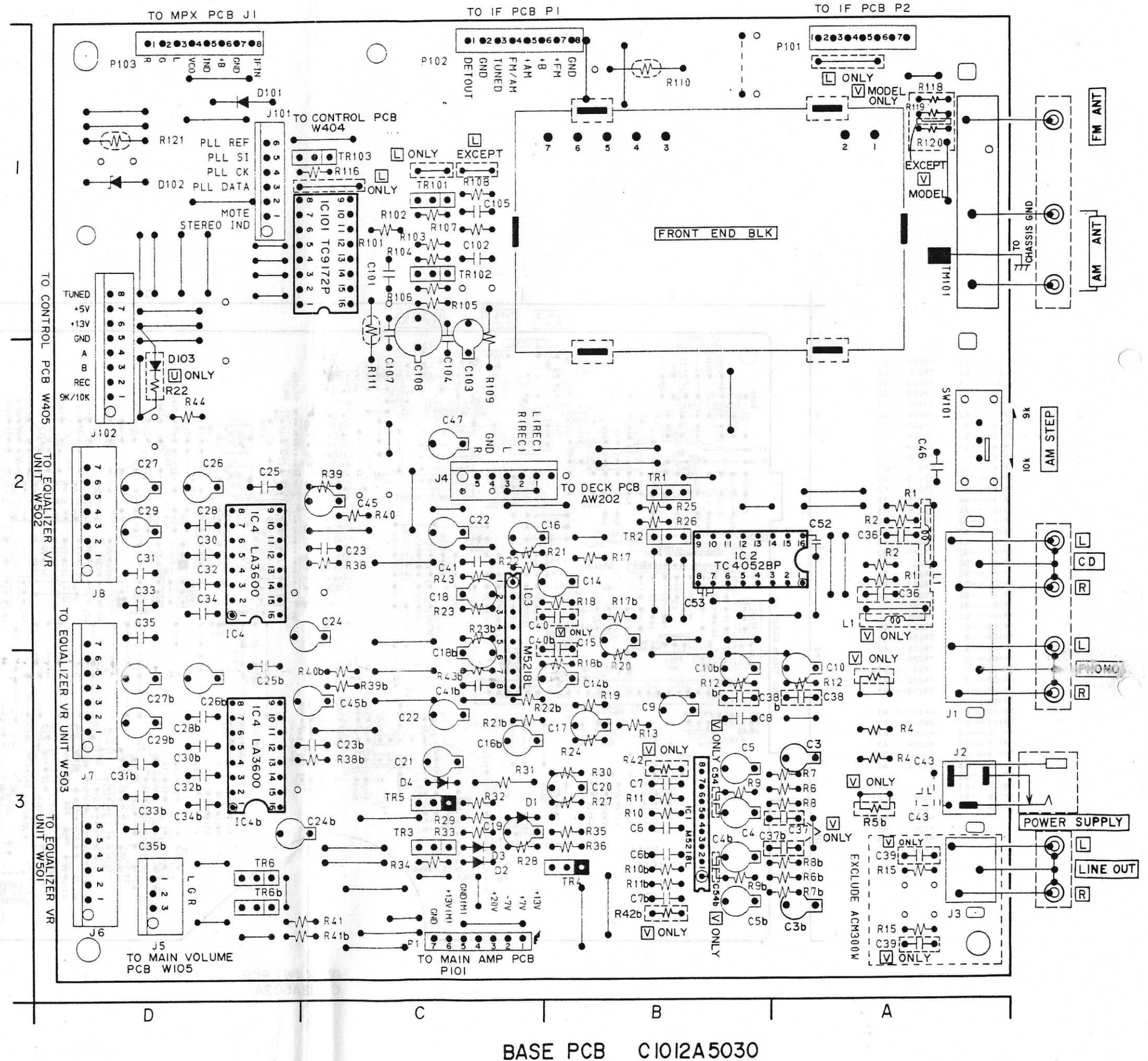
TR5..... C3
 TR6..... D3
 TR101..... C1
 TR102..... C1
 TR103..... C1

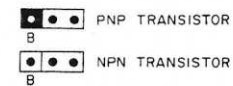
TR1..... B2
 TR2..... B2
 TR3..... C3
 TR4..... B3

ECB
 2SC3400
 2SC3330
 2SA1317
 2SD1012

ECB
 2SC3383

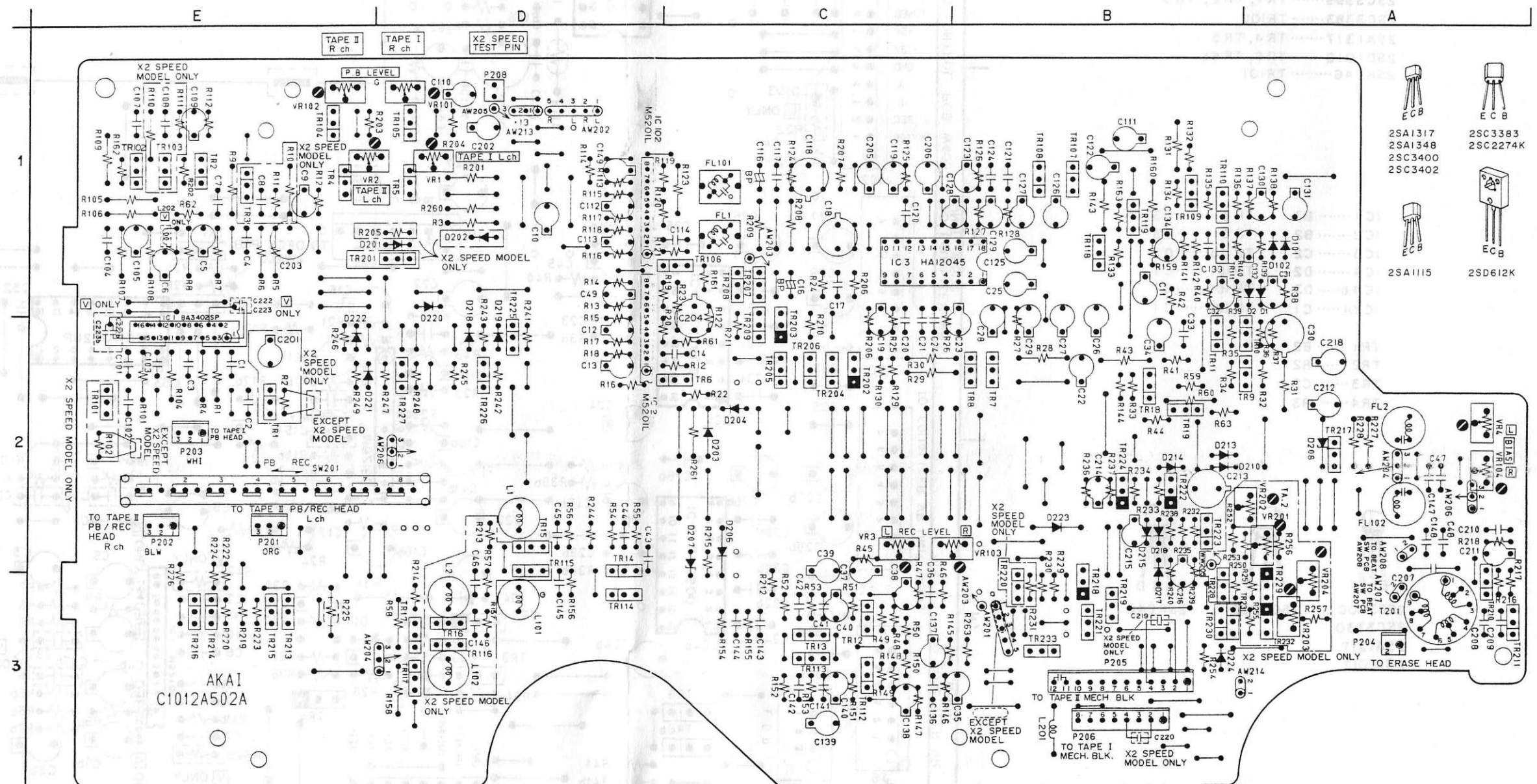
SGD
 2SK246

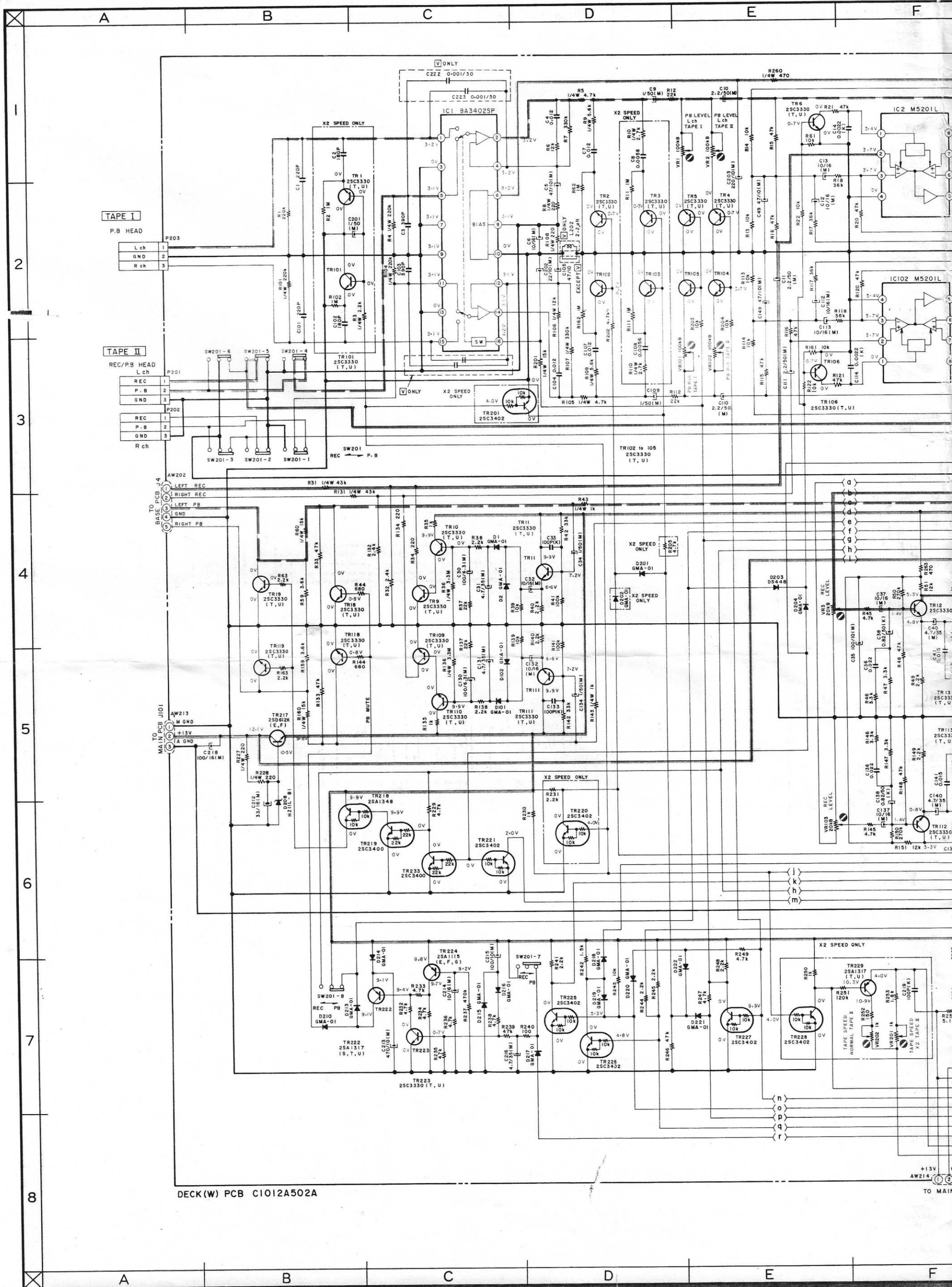


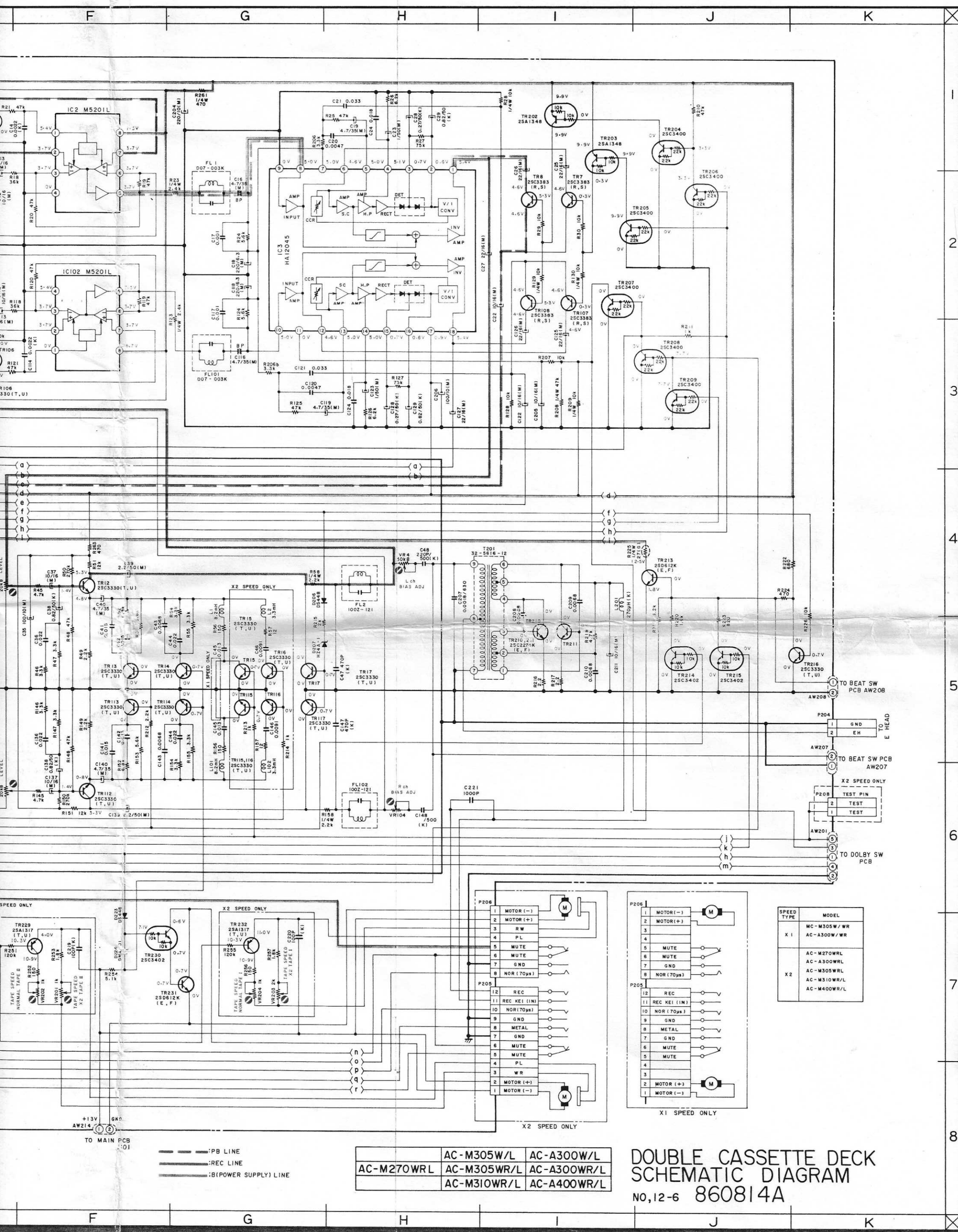


- 2SC3330 TR 1, TR 2, TR 3, TR 4, TR 5, TR 6, TR 9, TR 10, TR 11, TR 12, TR 13, TR 14, TR 15, TR 16, TR 17, TR 18, TR 19, TR 101, TR 102, TR 103, TR 104, TR 105, TR 106, TR 109, TR 110, TR 111, TR 112, TR 113, TR 114, TR 115, TR 118, TR 119, TR 126, TR 223
- 2SC3383 TR 7, TR 8, TR 107, TR 108
- 2SC3400 TR 204, TR 205, TR 206, TR 207, TR 208, TR 209, TR 219, TR 233
- 2SC2274K TR 210, TR 211
- 2SC3402 TR 214, TR 215, TR 220, TR 221, TR 225, TR 226, TR 227, TR 228, TR 230
- 2SA1348 TR 202, TR 203, TR 218
- 2SA1317 TR 222, TR 229, TR 232
- 2SA1115 TR 224
- 2SD612K TR 213, TR 231

- IC 1 E2
- IC 2 D2
- IC 3 C1
- IC 102 D1
- TR 1 E2
- TR 2 E1
- TR 3 E1
- TR 4 E1
- TR 5 D1
- TR 6 C2
- TR 7 B2
- TR 8 B2
- TR 9 A2
- TR 10 A2
- TR 11 B2
- TR 12 C3
- TR 13 C3
- TR 14 D3
- TR 15 D2
- TR 16 D3
- TR 17 D3
- TR 18 B2
- TR 19 B2
- TR 101 E2
- TR 102 D2
- TR 103 E1
- TR 104 E1
- TR 105 C1
- TR 106 D1
- TR 107 B1
- TR 108 B1
- TR 109 B1
- TR 110 B1
- TR 111 B1
- TR 112 C3
- TR 113 C3
- TR 114 D3
- TR 115 D3
- TR 116 D3
- TR 117 D3
- TR 118 B1
- TR 119 B1
- TR 201 D1
- TR 202 C2
- TR 203 C2
- TR 204 C2
- TR 205 C2
- TR 206 C2
- TR 207 C1
- TR 208 C1
- TR 209 C2
- TR 210 A3
- TR 211 A3
- TR 212 E3
- TR 213 E3
- TR 214 E3
- TR 215 E3
- TR 216 E3
- TR 217 A2
- TR 218 B3
- TR 219 B3
- TR 220 B3
- TR 221 B3
- TR 222 B2
- TR 223 B2
- TR 224 B2
- TR 225 D2
- TR 226 D2
- TR 227 D2
- TR 228 B3
- TR 229 A3
- TR 230 B3
- TR 231 B3
- TR 232 A3
- TR 233 B3
- AW201 B3
- AW202 D1
- AW207 A3
- AW208 A3
- AW213 D1
- AW214 A3
- P201 E2
- P202 E2
- P203 E2
- P204 A3
- P205 B3
- P206 B3
- P208 D1





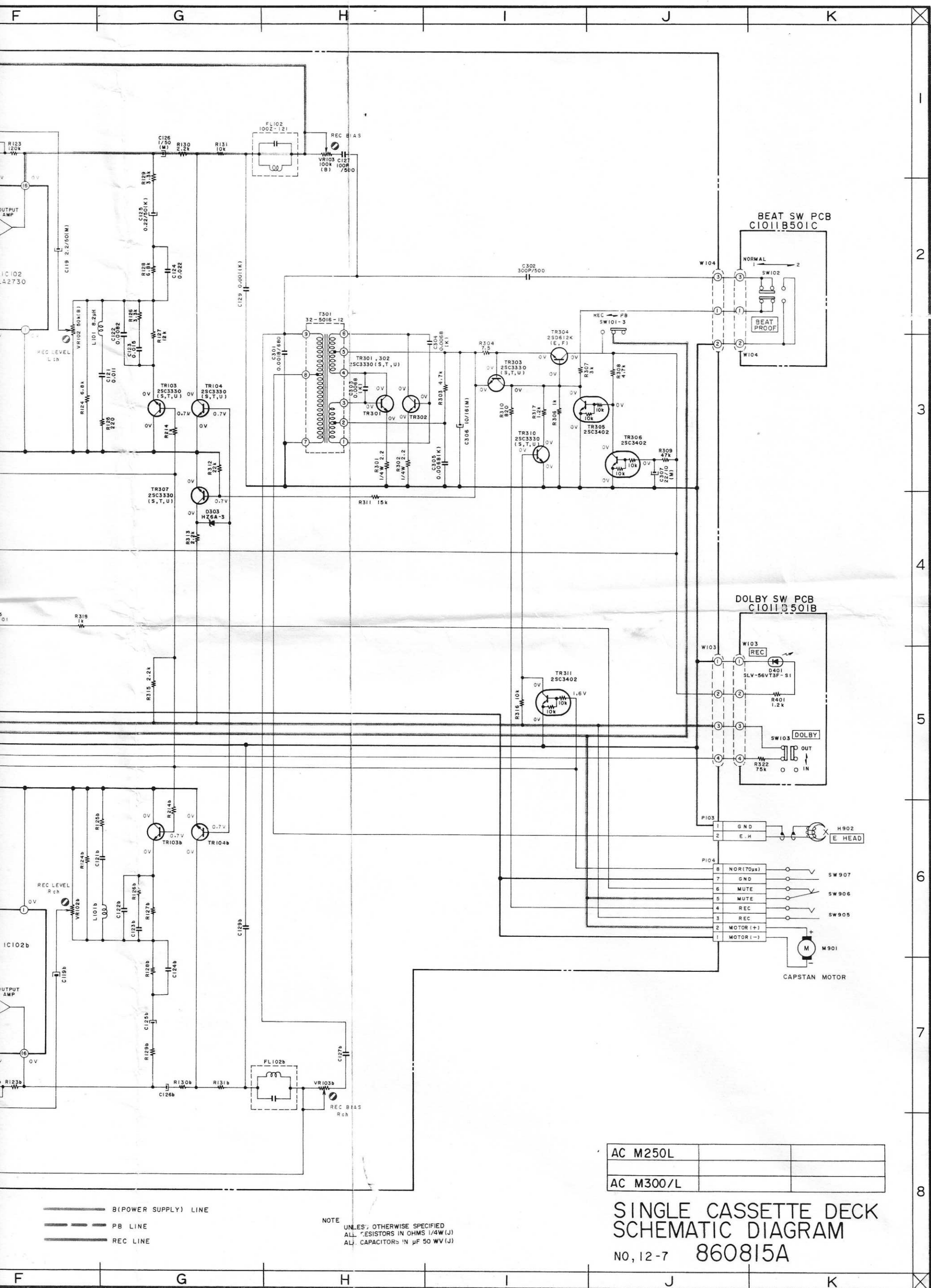


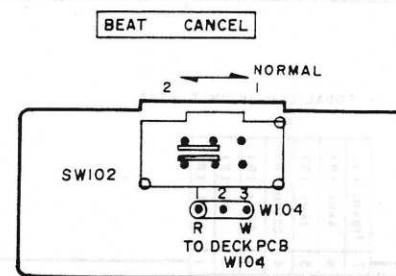
AC-M270WRL	AC-M305W/L	AC-A300W/L
AC-M310WR/L	AC-M305WR/L	AC-A300WR/L
	AC-M310WR/L	AC-A400WR/L

DOUBLE CASSETTE DECK
SCHEMATIC DIAGRAM
No. 12-6 860814A

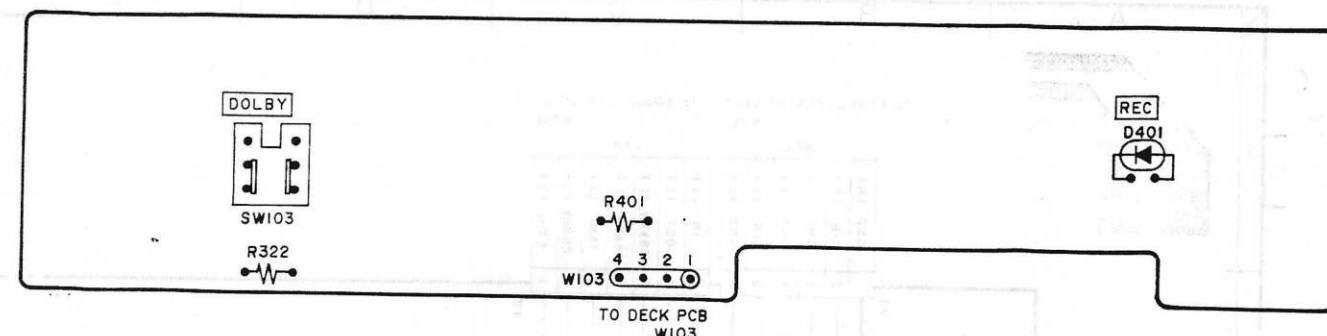
SPEED TYPE	MODEL
X 1	MC-M305W/WR AC-A300W/WR
X 2	AC-M270WRL AC-A300WRL AC-M305WRL AC-M310WR/L AC-M400WR/L







BEAT SW PCB
C1011B501C



DOLBY SW PCB
C1011B501B

IC101 -- C3
IC102 -- C2
IC102B -- E2

TR101 -- C3
TR101b -- D3
TR102 -- C2
TR102b -- E3
TR103 -- C2
TR103b -- E1
TR104 -- C1
TR104b -- E1
TR201 -- B1
TR201b -- D1
TR202 -- B1
TR202b -- D1
TR203 -- C1
TR203b -- E1
TR204 -- C1
TR204b -- E1
TR205 -- C1
TR205b -- D1
TR301 -- B2
TR302 -- B2
TR303 -- B2
TR304 -- B2
TR305 -- B2
TR306 -- B2
TR307 -- B1
TR308 -- B1
TR309 -- B1
TR310 -- B2
TR311 -- B2

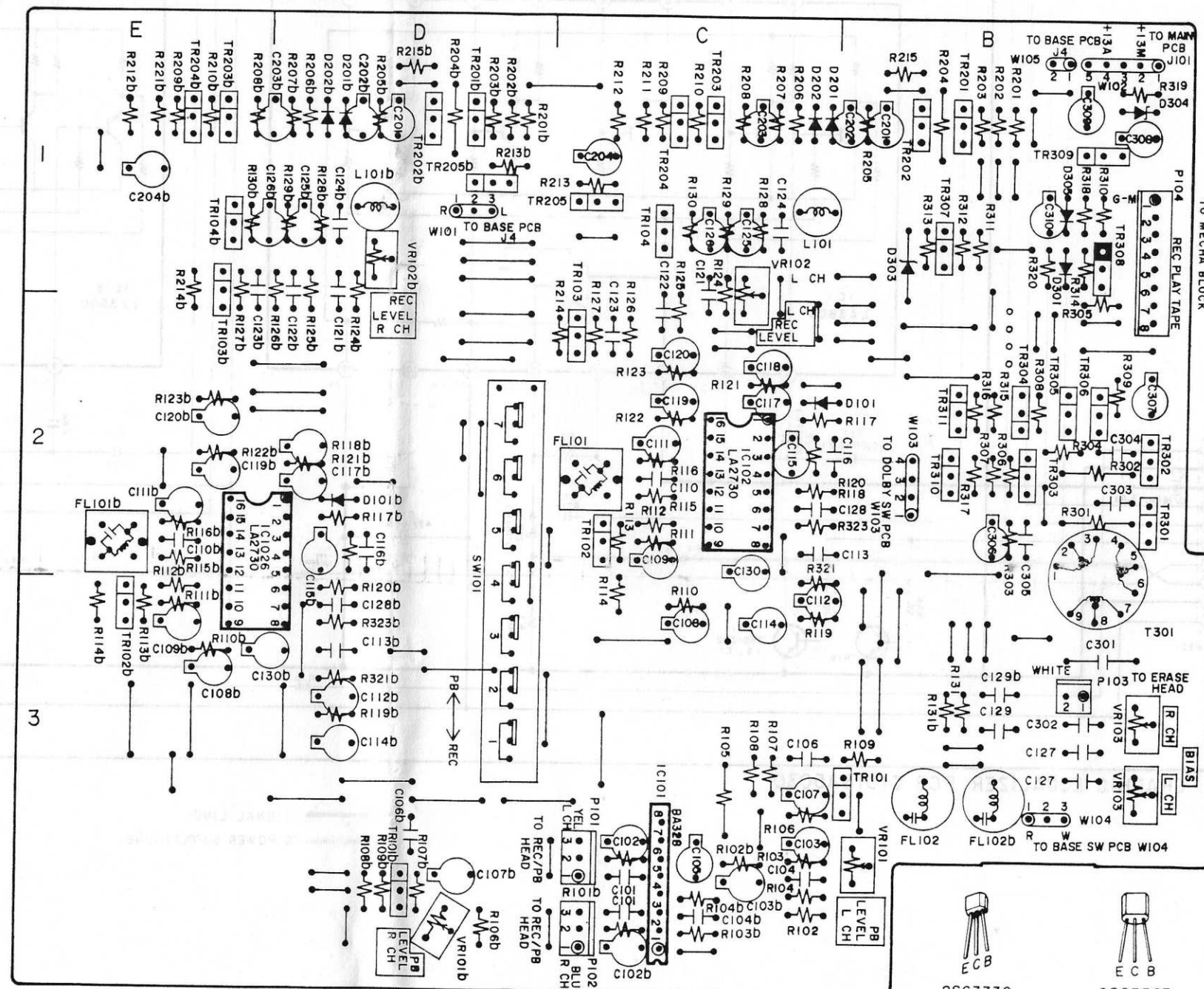
2SC3330 --- TR101, TR101b, TR102, TR102b, TR103, TR103b
TR104, TR104b, TR205, TR205b, TR301
TR302, TR303, TR309, TR310, TR202, TR202b
TR203, TR203b, TR204, TR204b, TR307

2SC3383 --- TR201, TR201b

2SC3402 --- TR305, TR306, TR311

2SA1317 --- TR308

2SD612K --- TR304



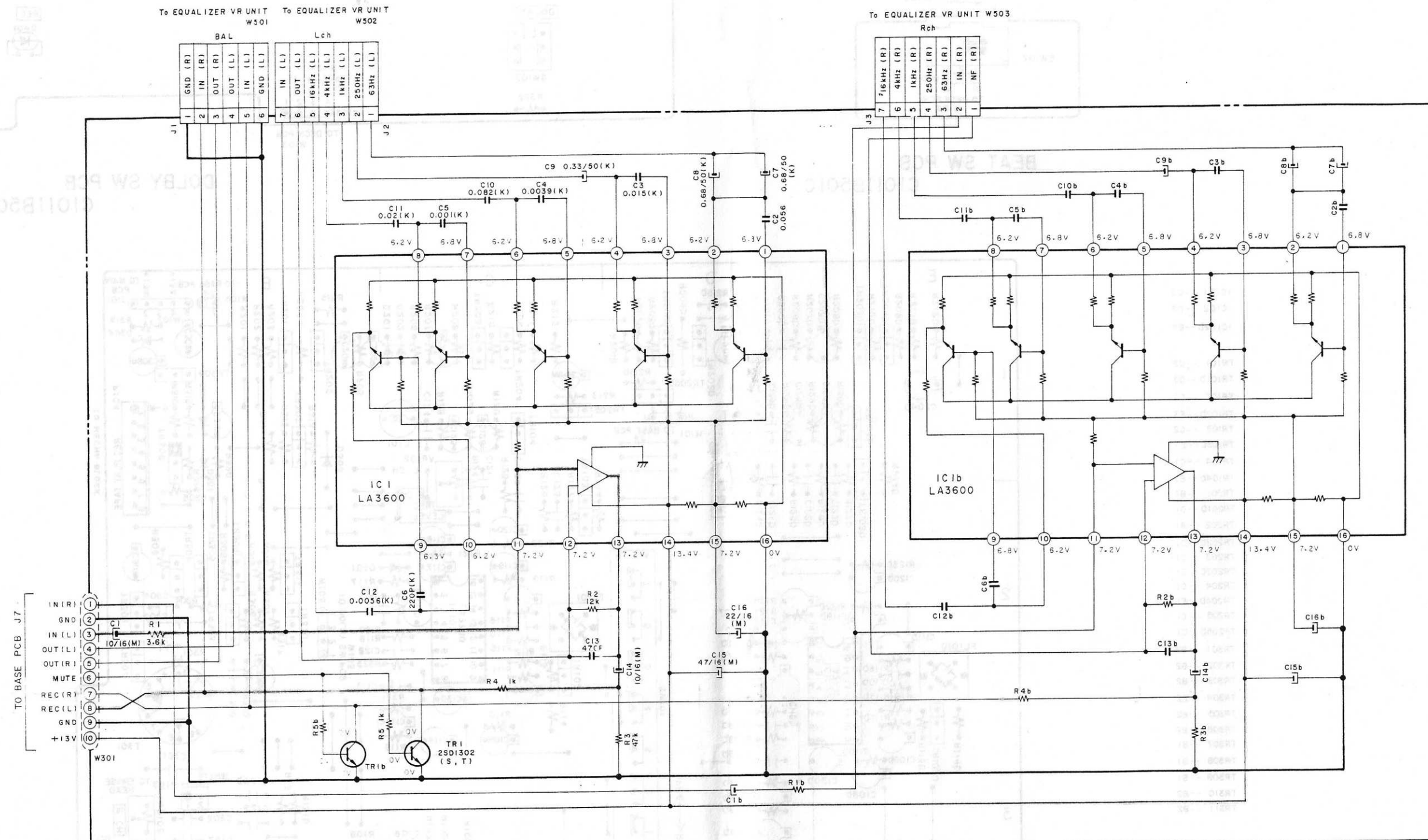
PNP TRANSISTOR
NPN TRANSISTOR

DECK(S) PCB
C1011B501A

2SC3330
2SC3402
2SA1317

2SC3383

2SD612K

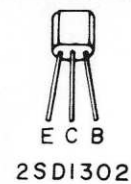
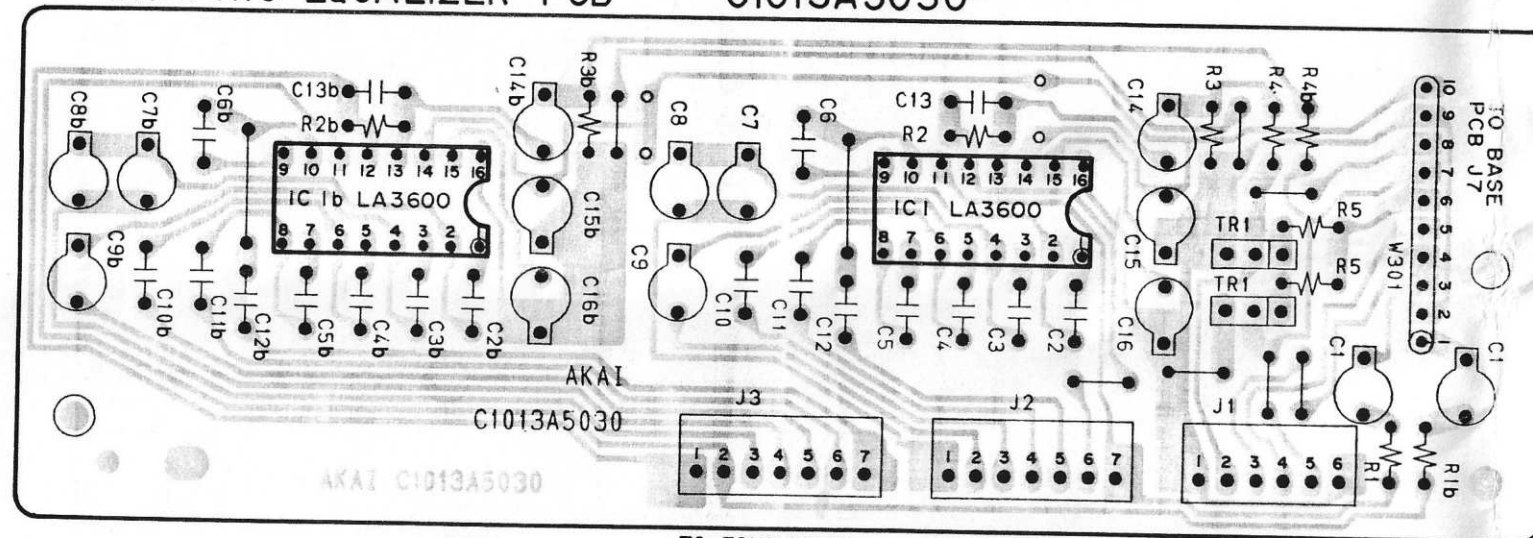


GRAPHIC EQUALIZER PCB C1013A5030

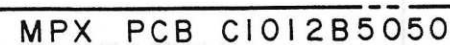
AC-M270WRL	AC-M305WR/L	AC-A300WR/L
	AC-M310WR/L	AC-A400WR/L

GRAPHIC EQUALIZER
SCHEMATIC DIAGRAM
NO,12-8 860816A

GRAPHIC EQUALIZER PCB C1013A5030



TRI --- 2SD1302



1	MPX IN
2	GND
3	+B
4	STEREO IND
5	VCO STOP
6	Lch
7	GND
8	Rch

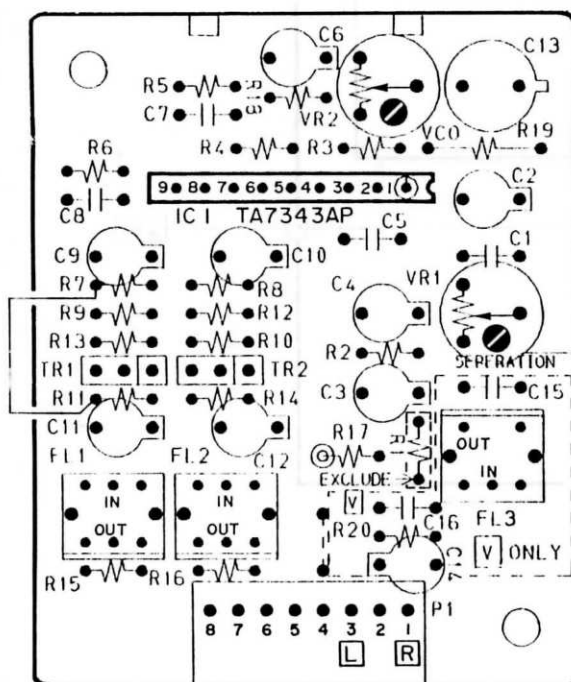
TO BASE PCB

TO BASE PCB
J3

~~XXXXXXXXXX~~:SIGNAL LINE
~~XXXXXXXXXX~~:B(POWER SUPPLY) LINE

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/6W(J)
ALL CAPACITORS IN μ F 50 WV(J)

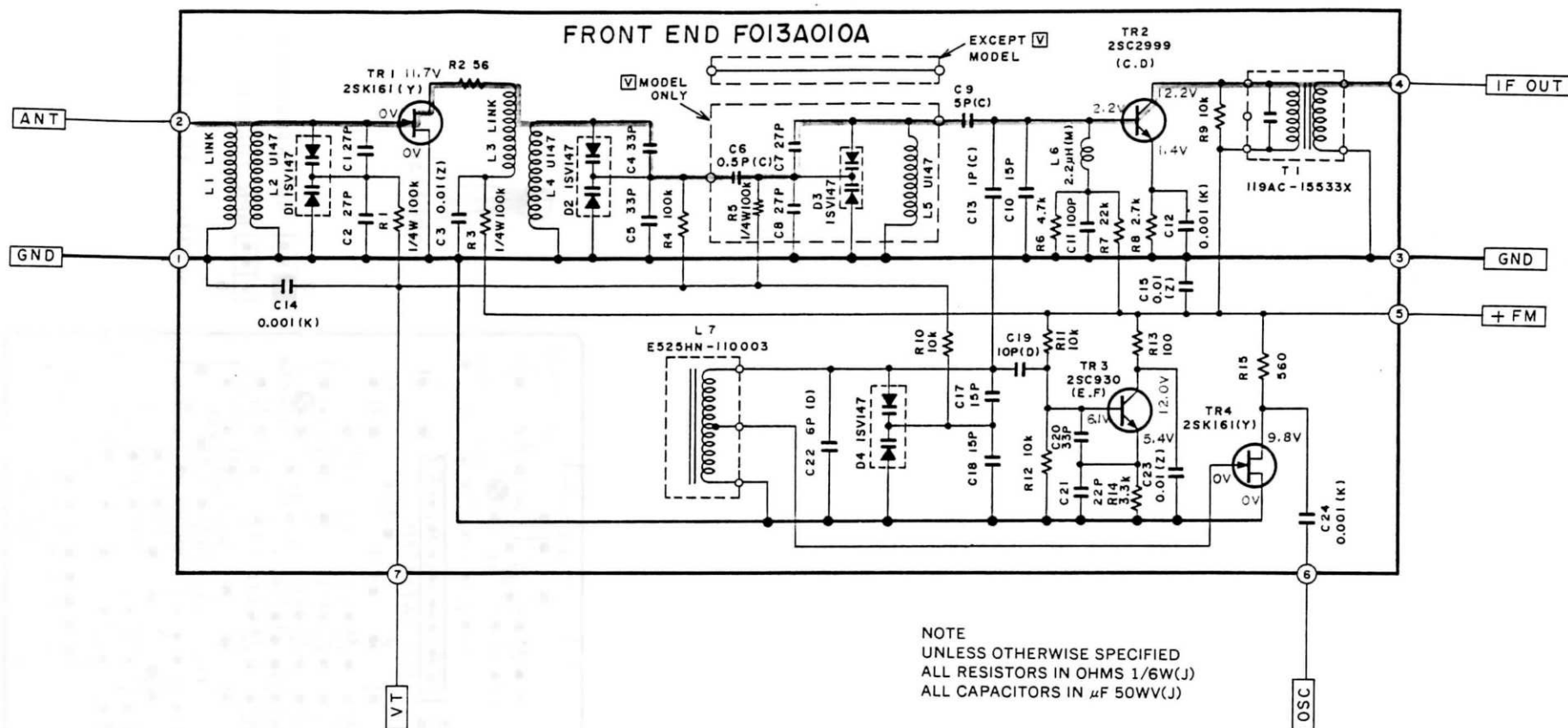
MPX
SCHEMATIC DIAGRAM
NO 12-11 860819A



2SC3330

B
PNP TRANSISTOR
B
NPN TRANSISTOR
B
2SC3330.....TR 1, TR 2

MPX PCB
C1012B5050



AC-M250L	AC-M305W/L	AC-A300W/L
AC-M270WRL	AC-M305WR/L	AC-A300WR/L
AC-M300/L	AC-M310WR/L	AC-A400WR/L

FRONTEND
SCHEMATIC DIAGRAM
NO. 12-12 860820A