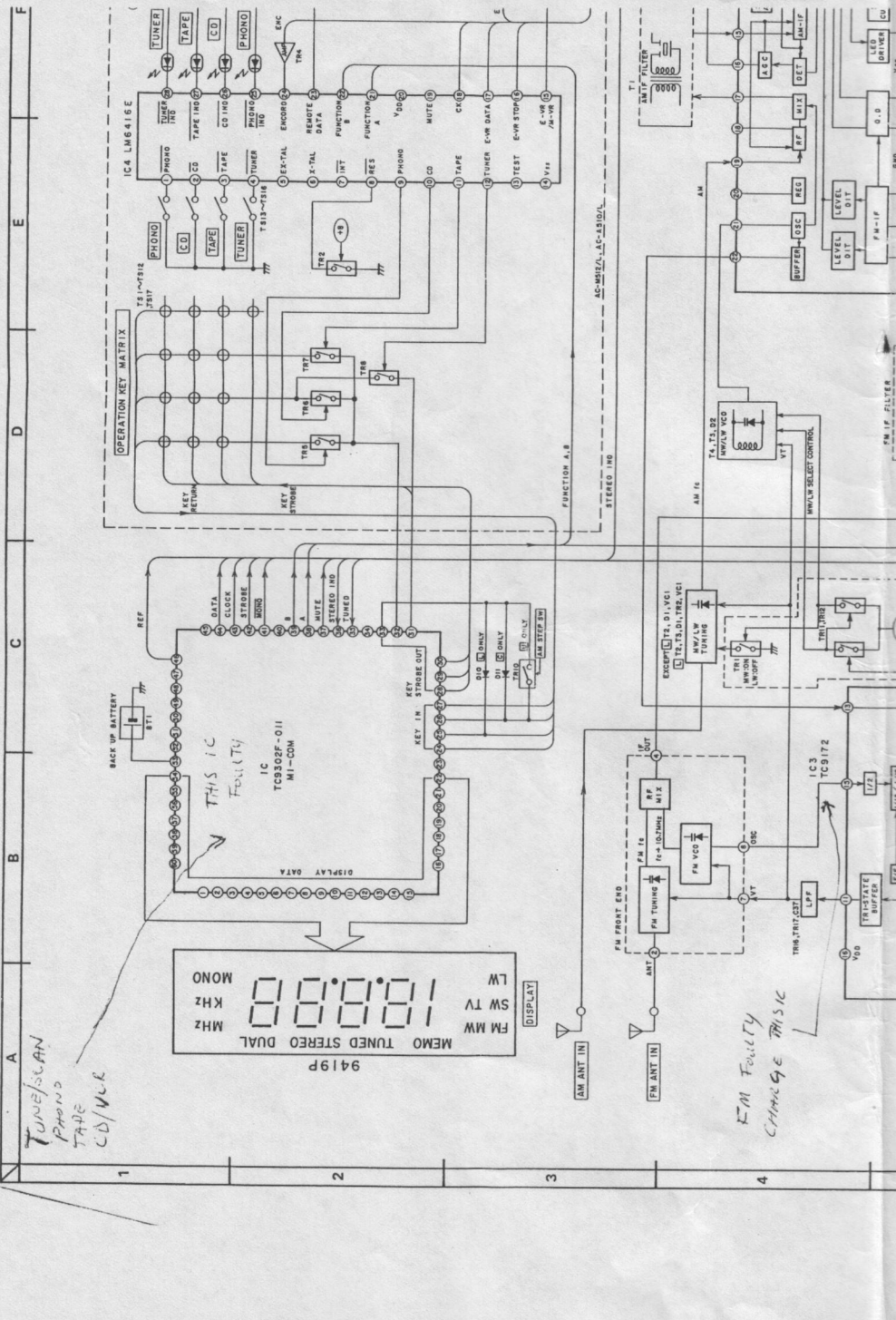


AC-M512/L, AC-M512/L
 AC-A510/L
 AMP SECTION
 BLOCK DIAGRAM
 No. 2-2 860808B

G H I J K

8 7 6 5

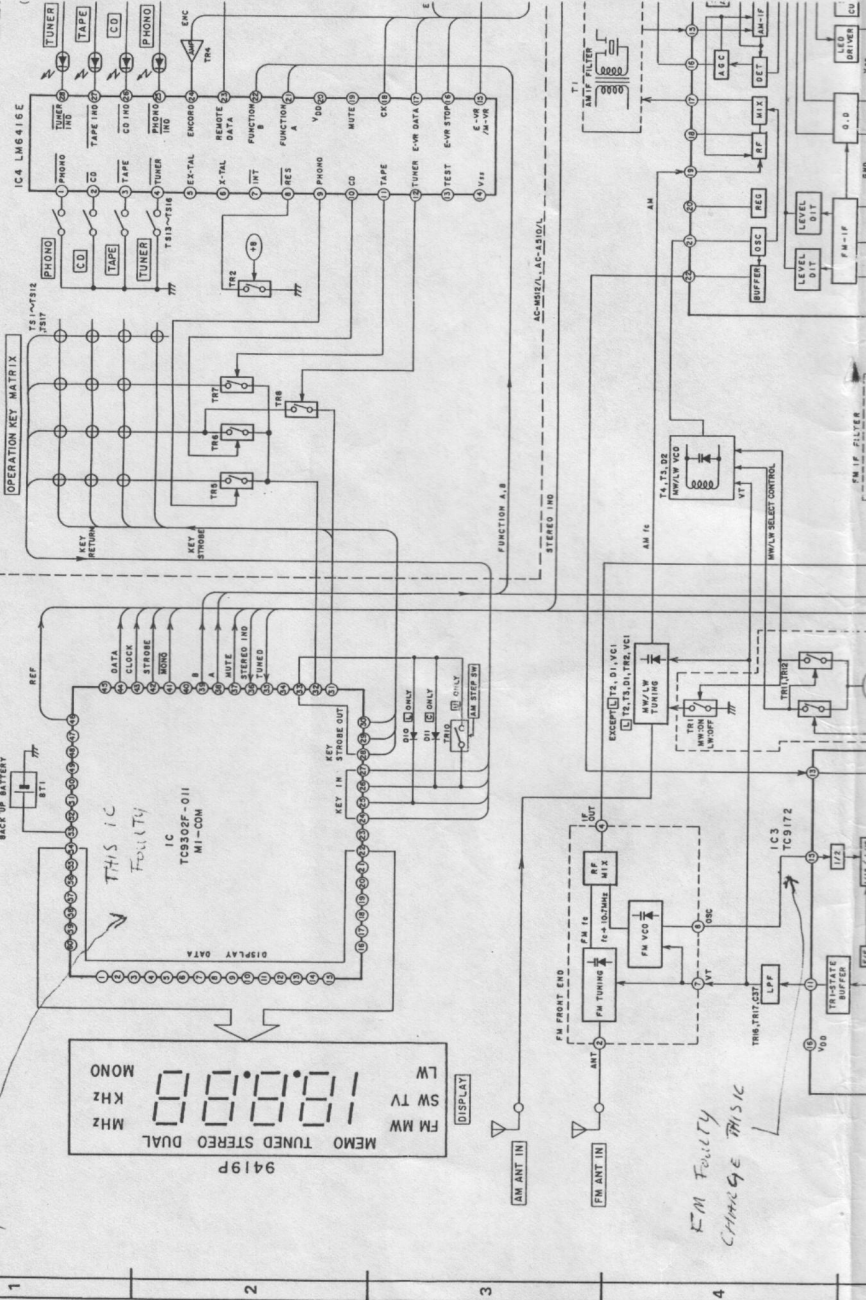
3



TUNE/SCAN
PHONO
TAPE
CD/VCR

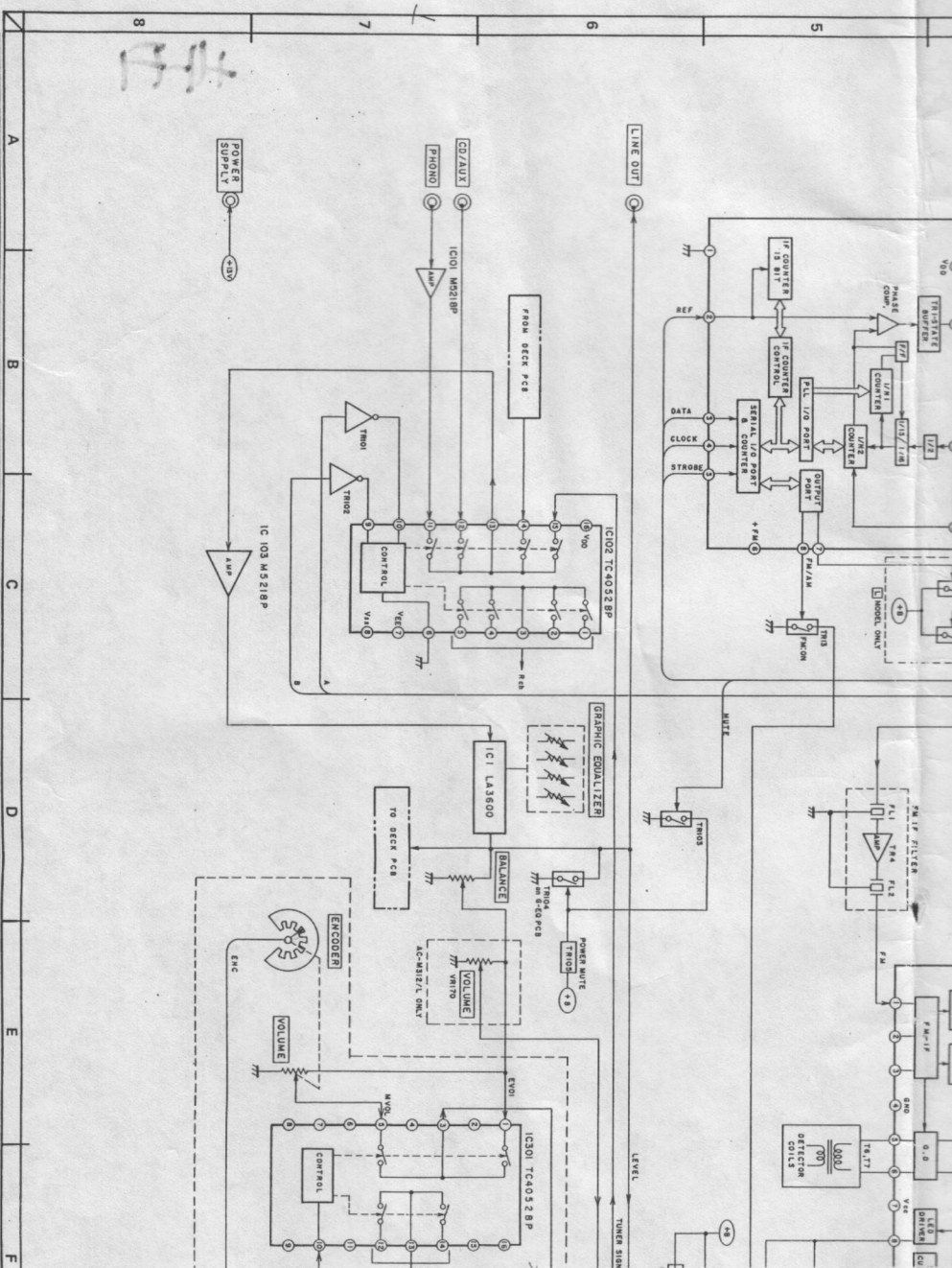
FM FRONT END
CHANGE FOULTY THIS IC

A B C D E F



1A1A

1344



A

B

C

D

E

F

8

7

6

5

V08

TR10

TR11

TR12

TR13

TR14

TR15

TR16

TR17

TR18

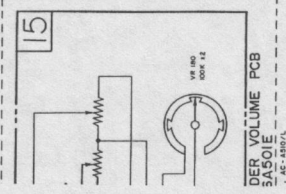
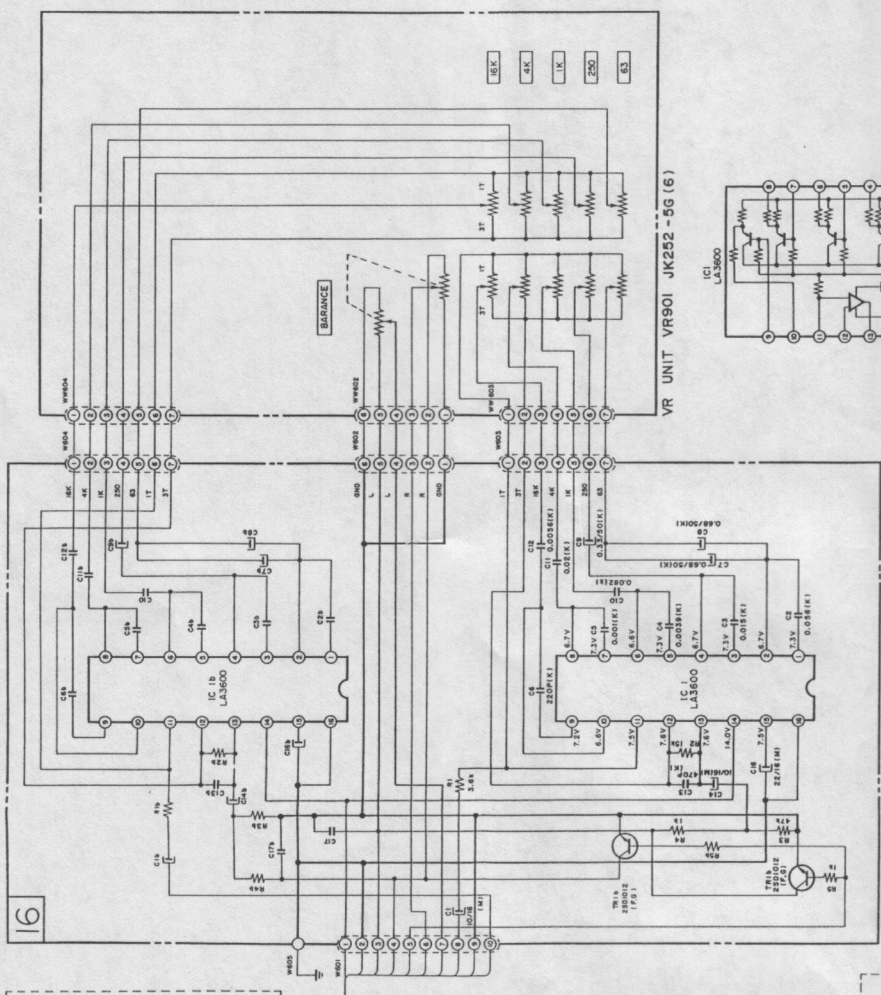
TR19

TR20

TR21

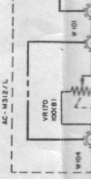
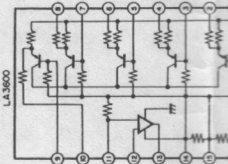
TR22

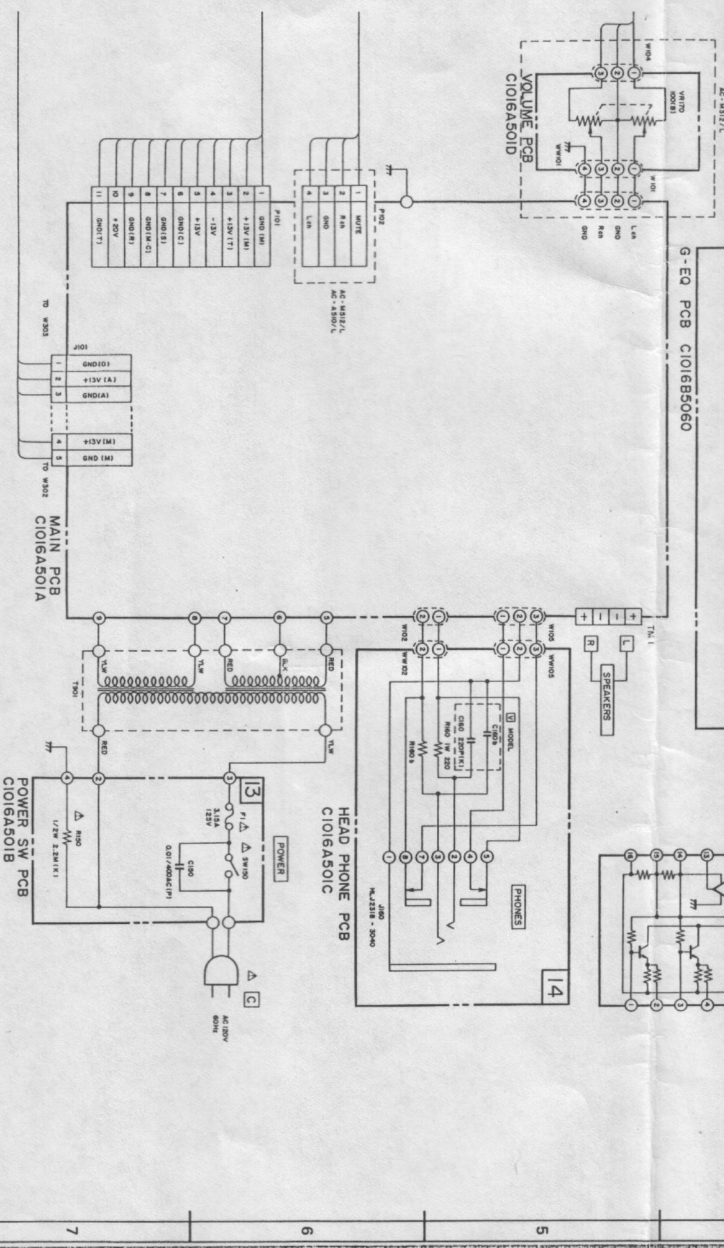
TR23



VR UNIT VR901 JK252 - 5G (6)

G-EQ PCB C10185060





AC-M312/L, AC-M510/L, AC-A510/L, AC-M512/L, AC-A510/L

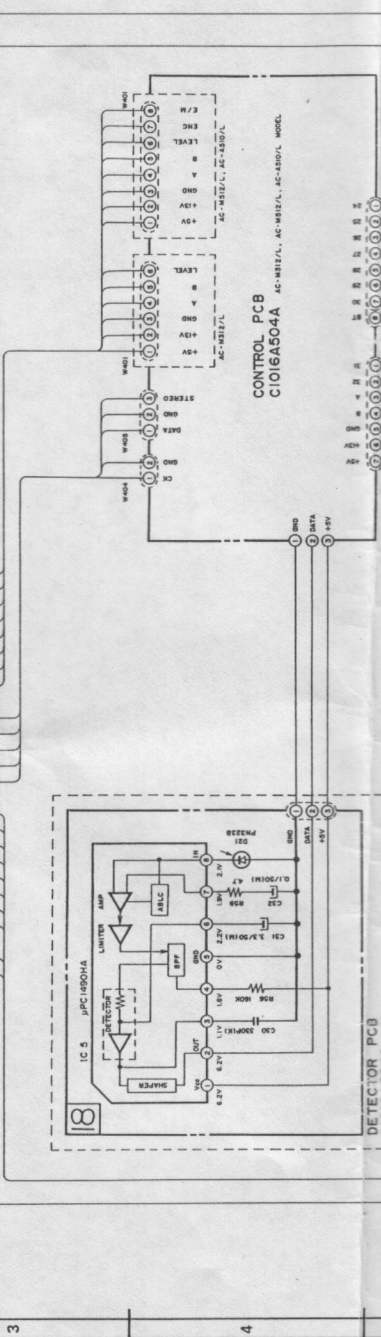
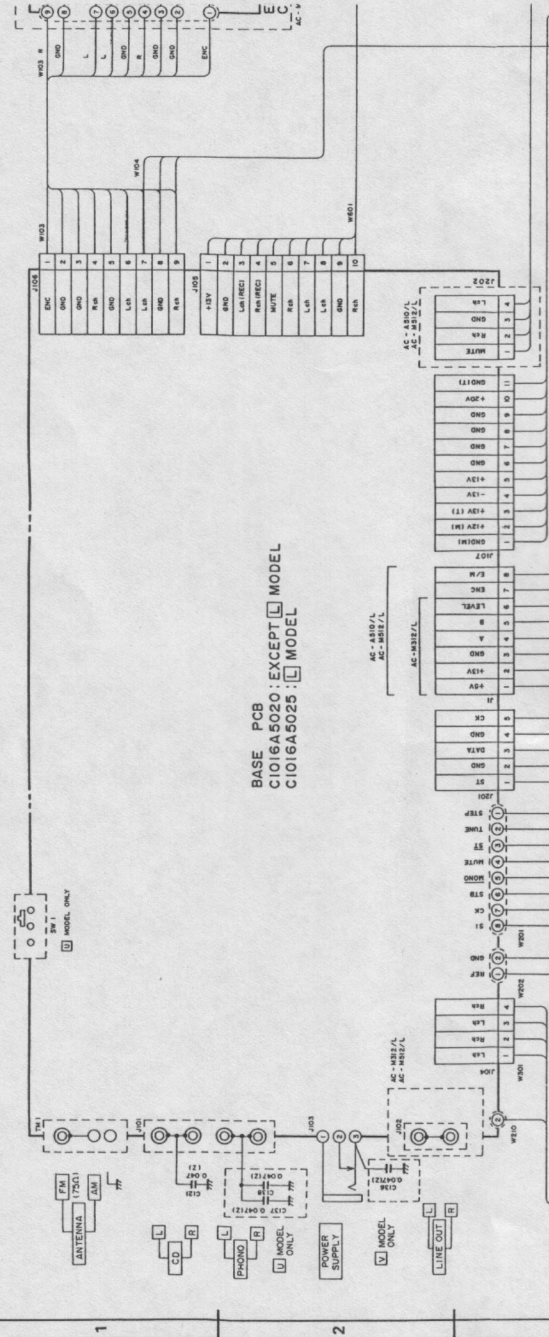
AC-M312/L, AC-M512/L,
AC-A510/L
CONNECTION DIAGRAM

NO. 7-1 870423A

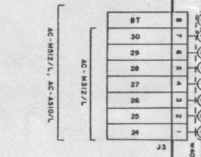
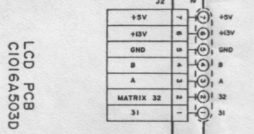
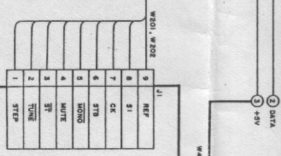
WARNING: ANNONCES SÉCURITÉ CRITIQUE. COMPOSANTS POUR CONTINUÛTE SÉCURITÉ.
REPLACE SAFETY / CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S
REPLACEMENT. AIL INDIQUE LES COMPAGNONS CERTIFIÉS DE SÉCURITÉ.
POUR MAINTENIR LE NIVEAU DE SÉCURITÉ DE L'APPAREIL.
NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

G H J K

8 7 6 5

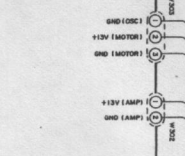
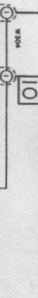


DETECTOR PCB
C1016A504C
AC-14812/L, AC-14810/L

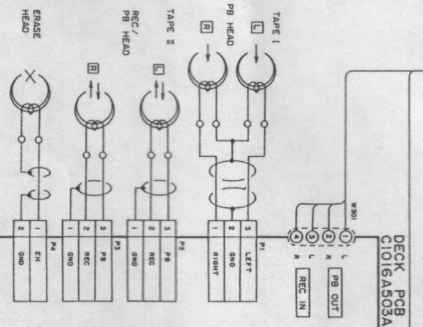


LCD PCB
C1016A503D

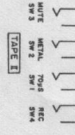
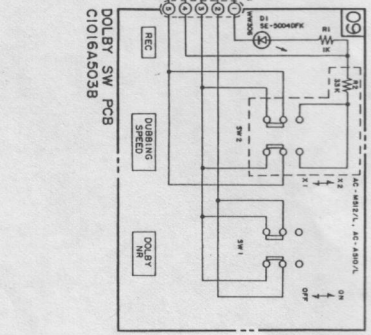
BEAT SW PCB
C1016A503C



DECK PCB
C1016A503A



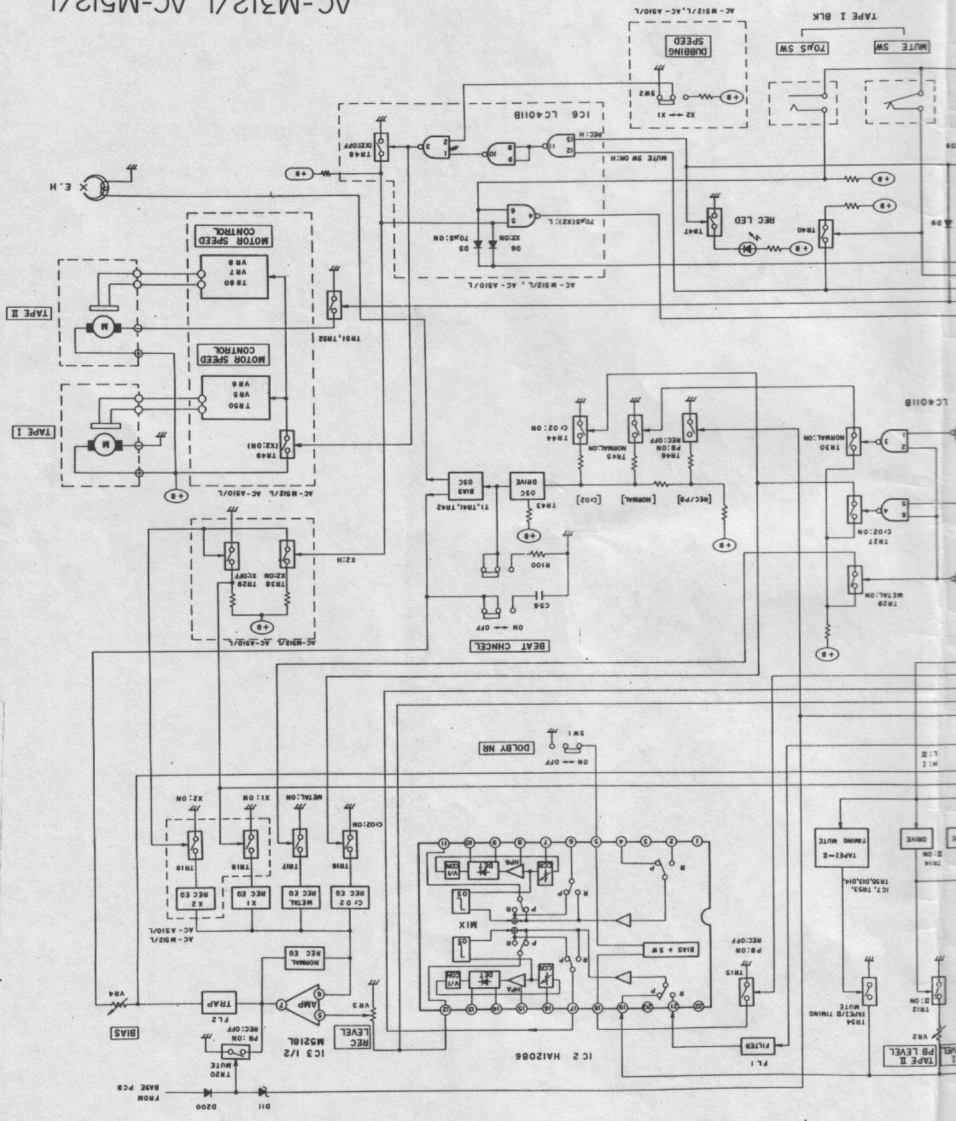
DOLBY SW PCB
C1016A503B

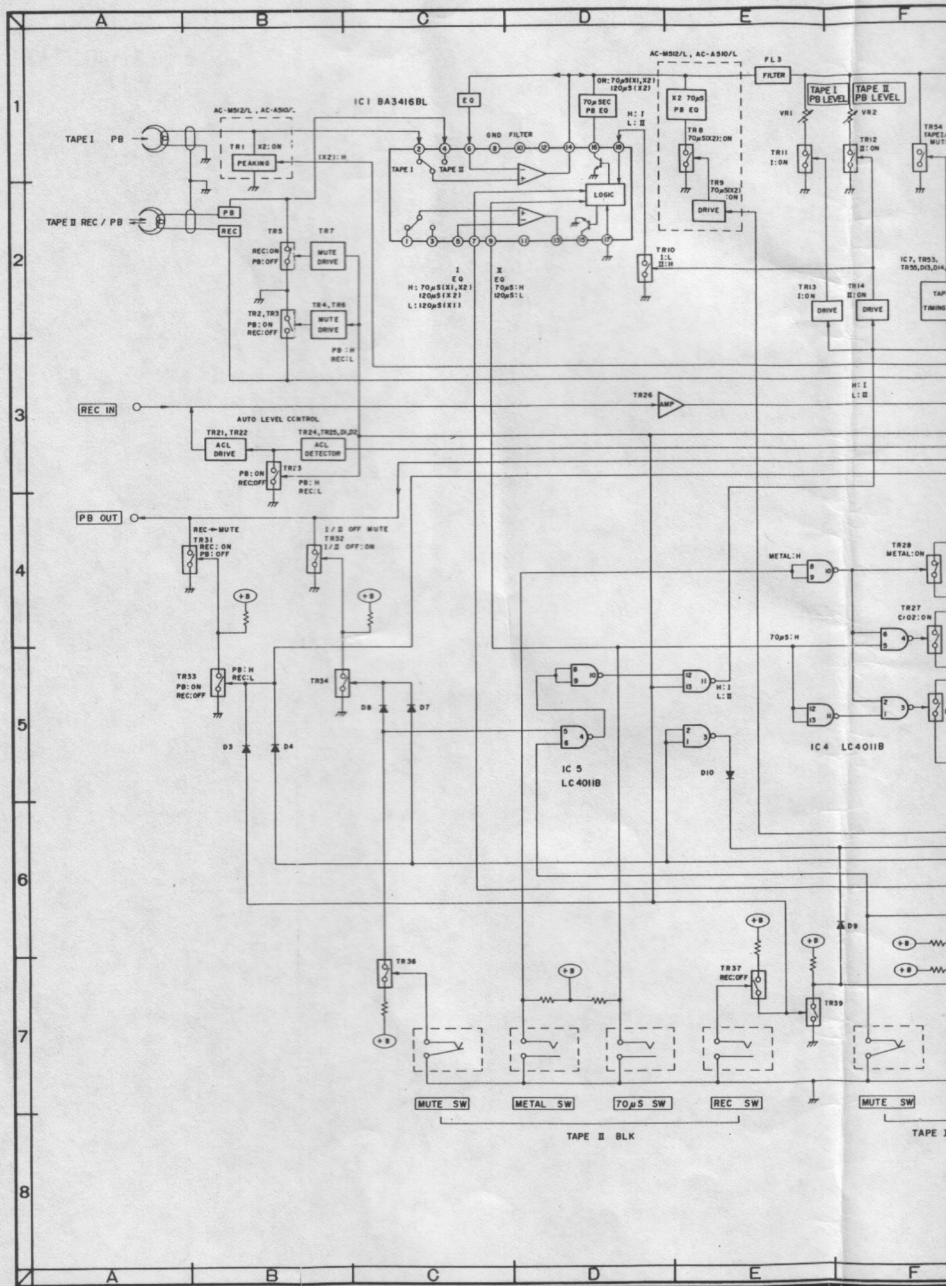


A B C D E F

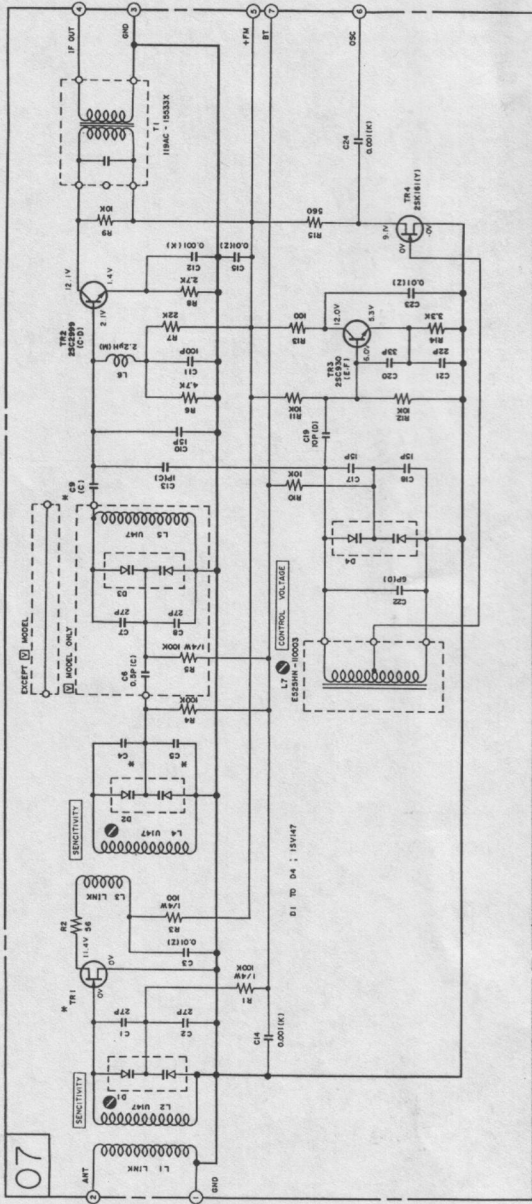
8 7 6 5

AC-M312/L, AC-M512/L
 AC-A510/L
 DECK BLOCK DIAGRAM
 NO.2-1 870430A





	TR1	C4	C5	C6
<input type="checkbox"/>	25K4H1	33P	33P	5P
EXCEPT <input type="checkbox"/>	25K4H1	27P	18P	15P



FRONT END PCB C1005B5040

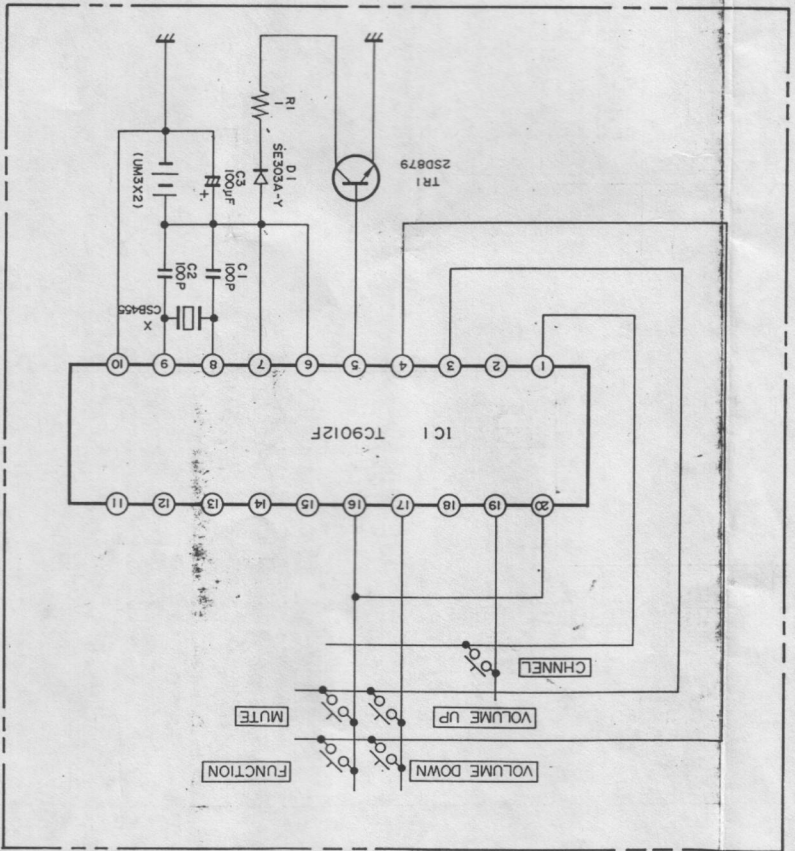
FRONT END
SCHEMATIC DIAGRAM
NO. 7-6 870428A

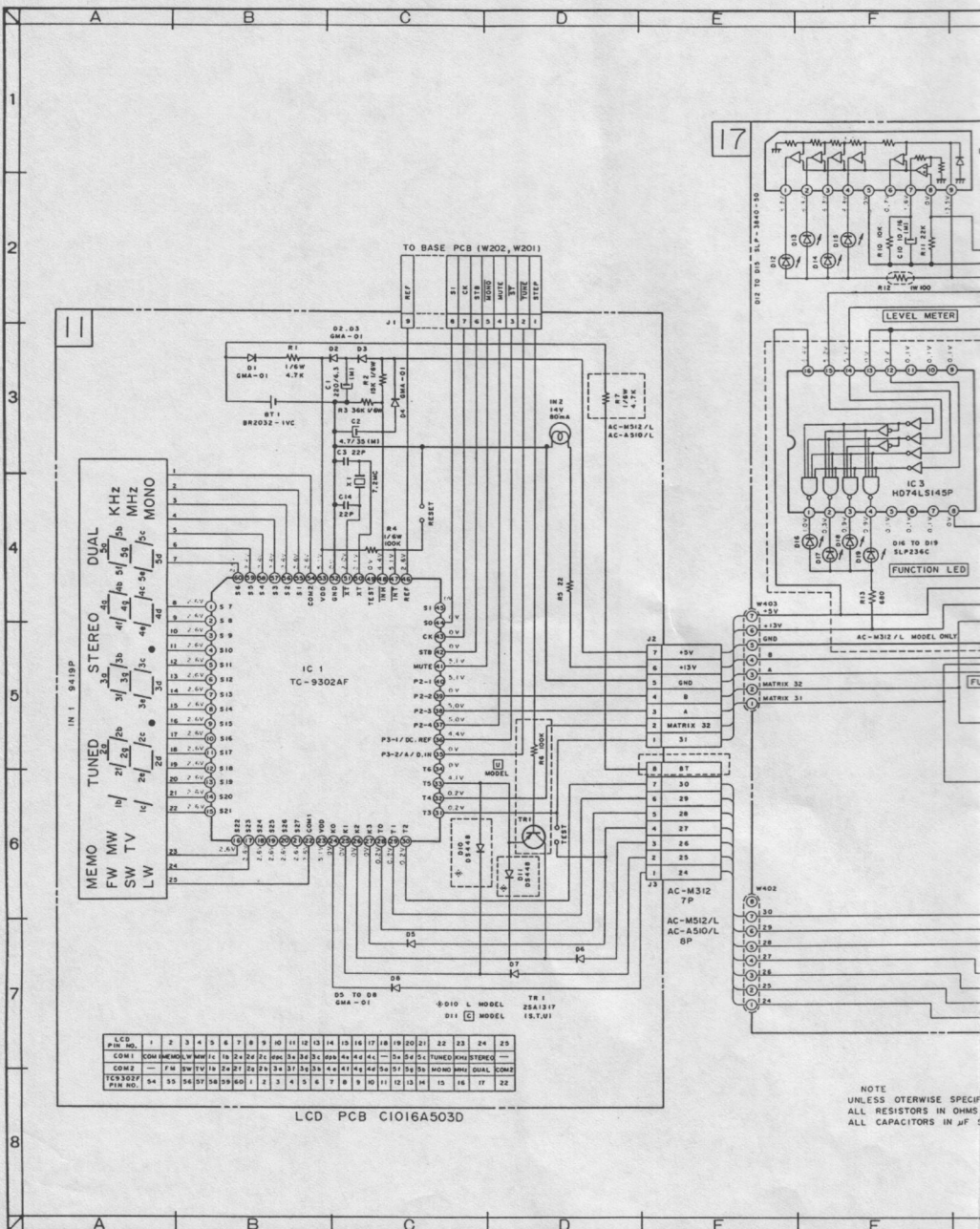
EXCEPT MODEL ... FE31
 MODEL ... FE41

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

RC-S500
 REMOTE CONTROL UNIT
 SCHEMATIC DIAGRAM
 NO. 7-7 870429A

MODEL AC-M512/L, AC-A510/L ONLY





LCD PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
COM1	MONO	MEMO	FM	TV	SW	MW	FW	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	25	24	23
COM2	FM	SW	TV	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	25	24	23	22	21	20	19
TC9302F	54	55	56	57	58	59	60	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

LCD PCB C1016A503D

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN μ F

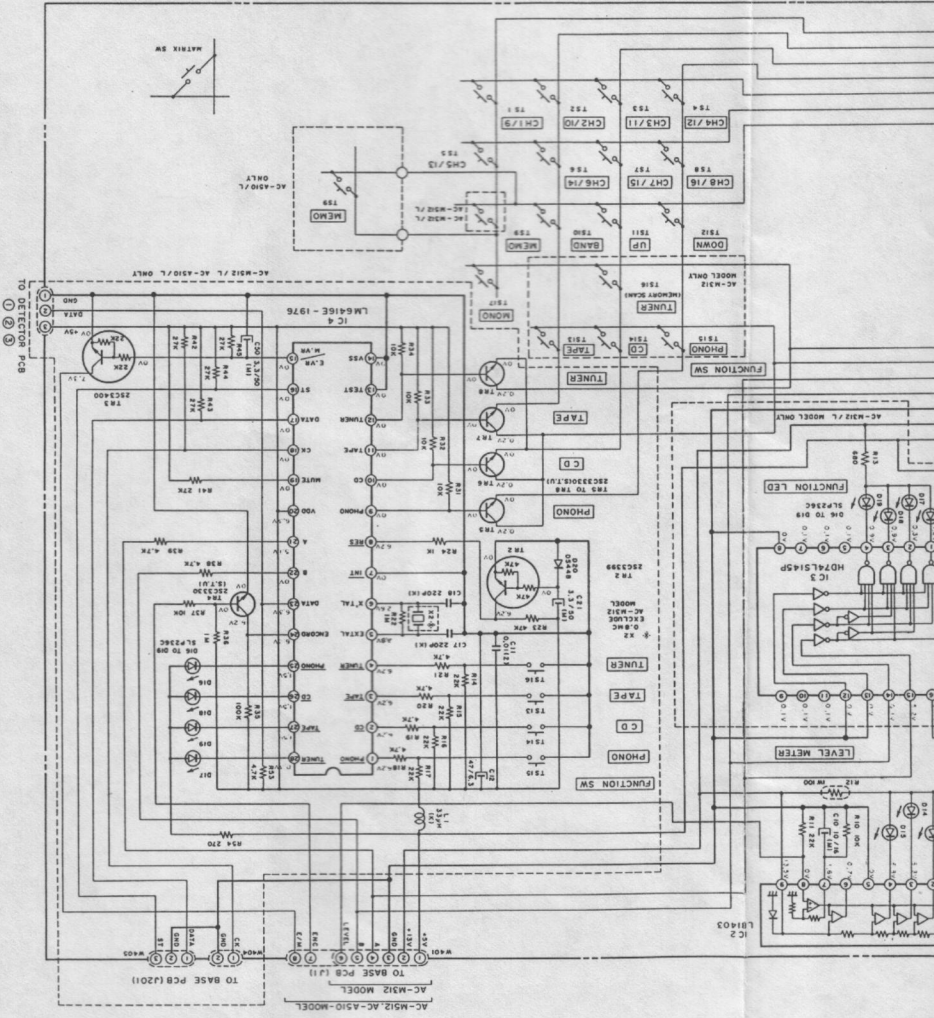
17

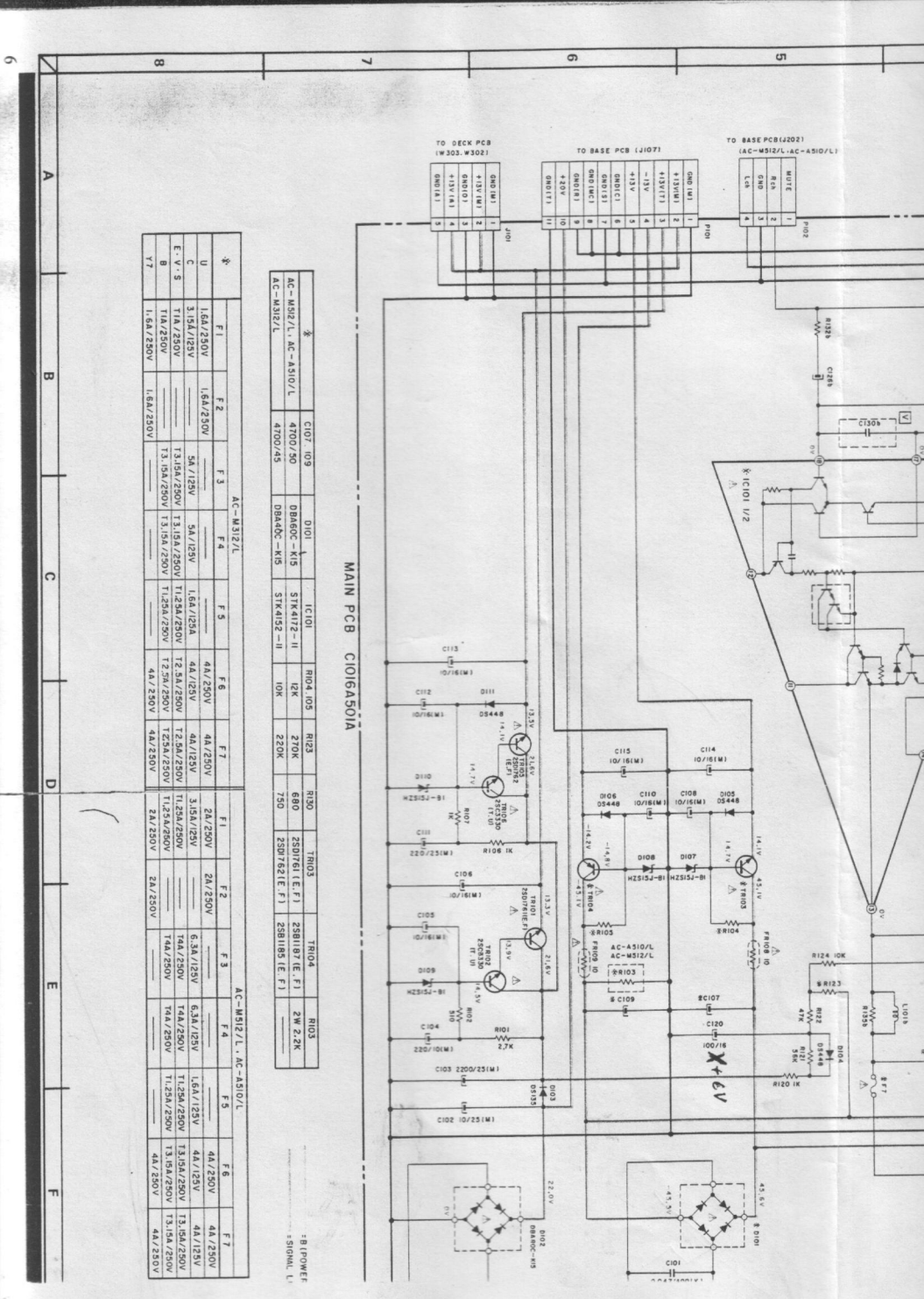
AC-M312/L, 512/L
AC-A510/L
CONTROL & LCD
SCHEMATIC DIAGRAM
NO. 7-5 870427A (REV. 1)

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS (R) / W (W) / M (M)
ALL CAPACITORS IN P.F. (P) / W (W) / M (M)

• (POWER SUPPLY) LINE
• SIGNAL LINE

CONTROL PCB C1016A504A



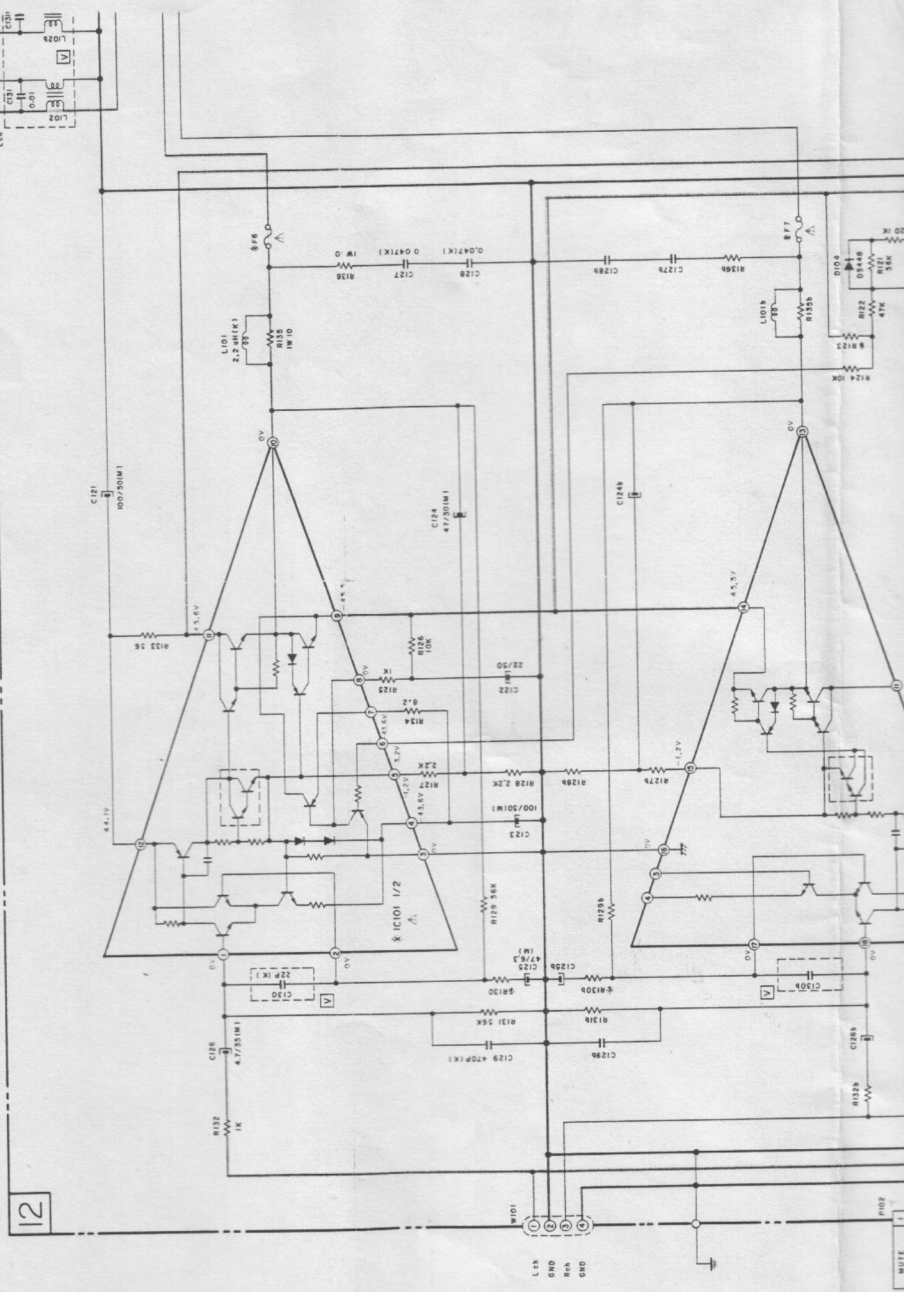


MAIN PCB C1016A501A

AC-M92/L, AC-AS10/L	C107, 40S	D101	IC101	R04, 10S	R23	R30	TR03	R103
AC-M92/L	4T00/50	D8A0C-K1S	3TR41Z2-II	1ZK	270K	680	2S0T61E, F1	2W 2.2K
	4T00/45	D8A0C-K1S	3TR41S2-II	10K	250K	750	2S0T62E, F1	2S0T19S, E, F1

Φ	AC-M92/L							AC-M92/L, AC-AS10/L						
	F1	F2	F3	F4	F5	F6	F7	F1	F2	F3	F4	F5	F6	F7
U	1.6A/230V	1.6A/230V	5A/125V	5A/125V	1.6A/125A	4A/230V	4A/230V	2A/230V	2A/230V	6.3A/125V	6.3A/125V	1.6A/125V	4A/230V	4A/230V
C	3.15A/125V		1.3.15A/250V	1.3.15A/250V	1.1.15A/250V	1.2.3A/250V	1.2.3A/250V	3.15A/125V	3.15A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.3.15A/250V	1.3.15A/250V
E.V.S	T1A/230V		1.3.15A/250V	1.3.15A/250V	1.1.15A/250V	1.2.3A/250V	1.2.3A/250V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.3.15A/250V	1.3.15A/250V	1.3.15A/250V
B	T1A/230V		1.3.15A/250V	1.3.15A/250V	1.1.15A/250V	1.2.3A/250V	1.2.3A/250V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.3.15A/250V	1.3.15A/250V	1.3.15A/250V
Y7	1.6A/230V	1.6A/230V				4A/230V	4A/230V	2A/230V	2A/230V	1.6A/125V	1.6A/125V	1.6A/125V	4A/230V	4A/230V

Φ POWER SIGNAL L



12

SPEAKERS

R

L

1

2

3

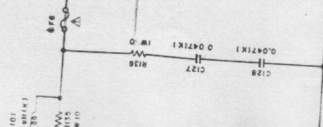
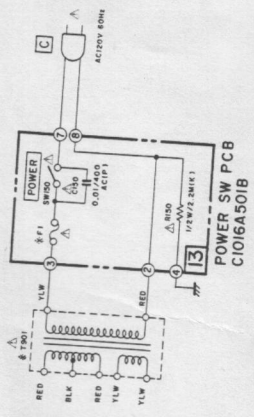
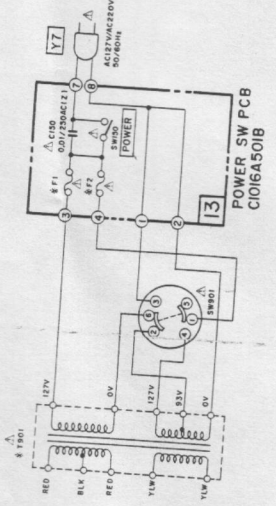
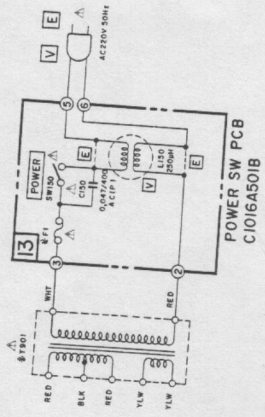
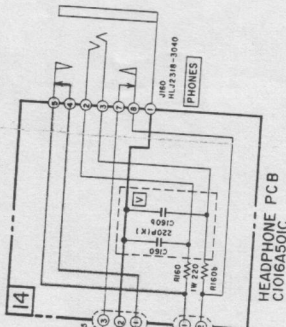
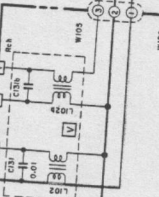
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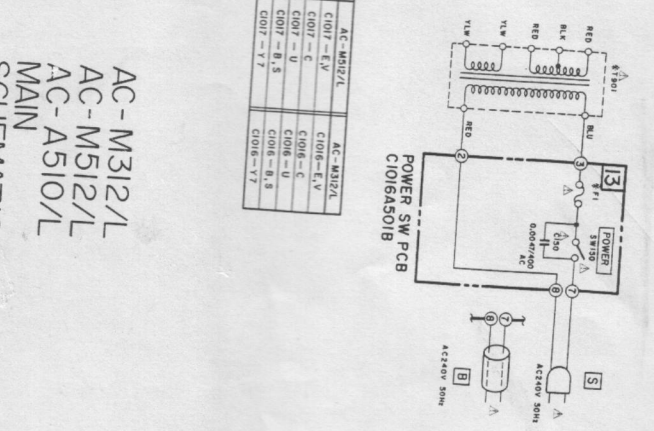
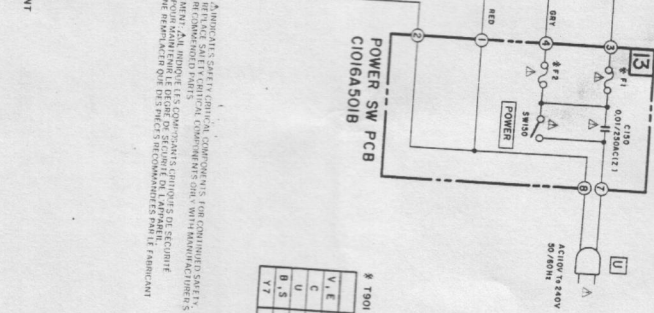
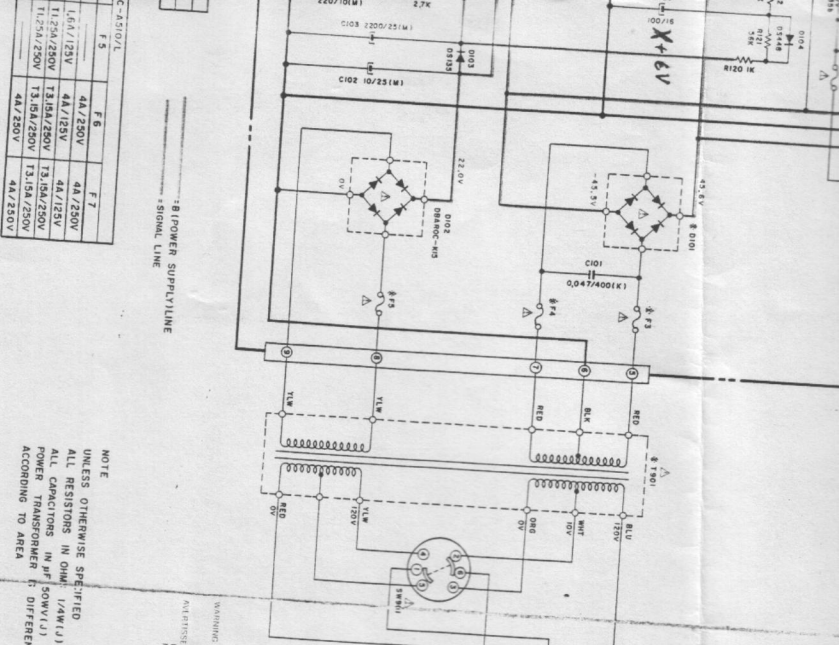
5

GND
Rca
Rca
L

WHITE
1

SPEAKERS (8 Ω to 16 Ω)





8 T901	
V.E	AC-M312/L
C	C101 - E.V
U	C102 - C
B.S	C101 - B.S
Y.Z	C102 - Y.Z
	AC-M312/L
	C101 - E.V
	C102 - C
	C101 - B.S
	C102 - Y.Z

WARNING: A WARNING IS GIVEN THAT ELECTRICAL COMPONENTS FOR CONTROLLING PARTS OF THE ELECTRICAL SYSTEMS OF AIRCRAFT MUST BE IDENTIFIED BY THE MANUFACTURER AND THE USER. THE USER MUST BE ADVISED THAT THE COMPONENTS MUST BE IDENTIFIED BY THE MANUFACTURER AND THE USER. THE USER MUST BE ADVISED THAT THE COMPONENTS MUST BE IDENTIFIED BY THE MANUFACTURER AND THE USER.

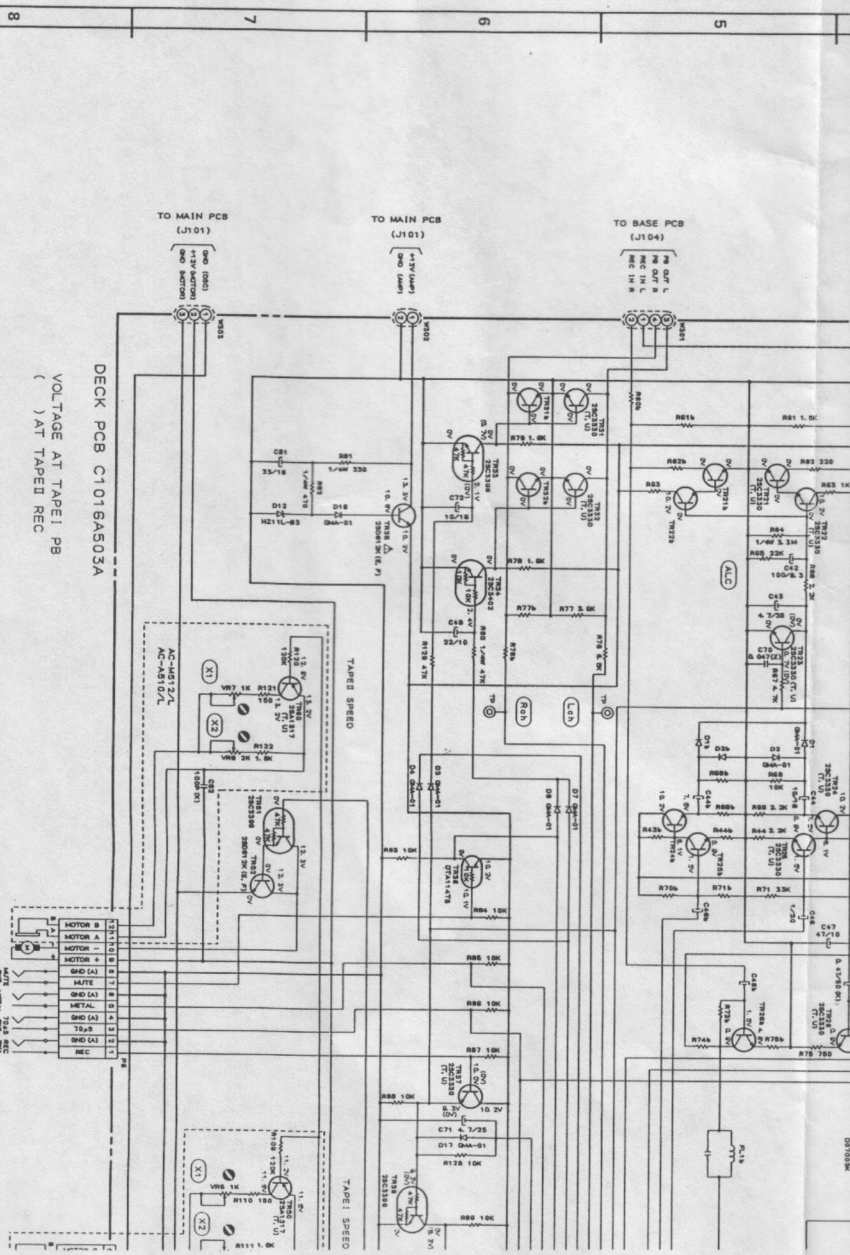
NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHM (1/4W/1J)
ALL CAPACITORS IN PF (50WV/1J)
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA

AC-M312/L
AC-M512/L
AC-A510/L
MAIN
SCHEMATIC DIAGRAM
NO. 7-2 870424A

POWER SW PCB
C1016A501B

E G H J K

10
A
B
C
D
E



A B C D E

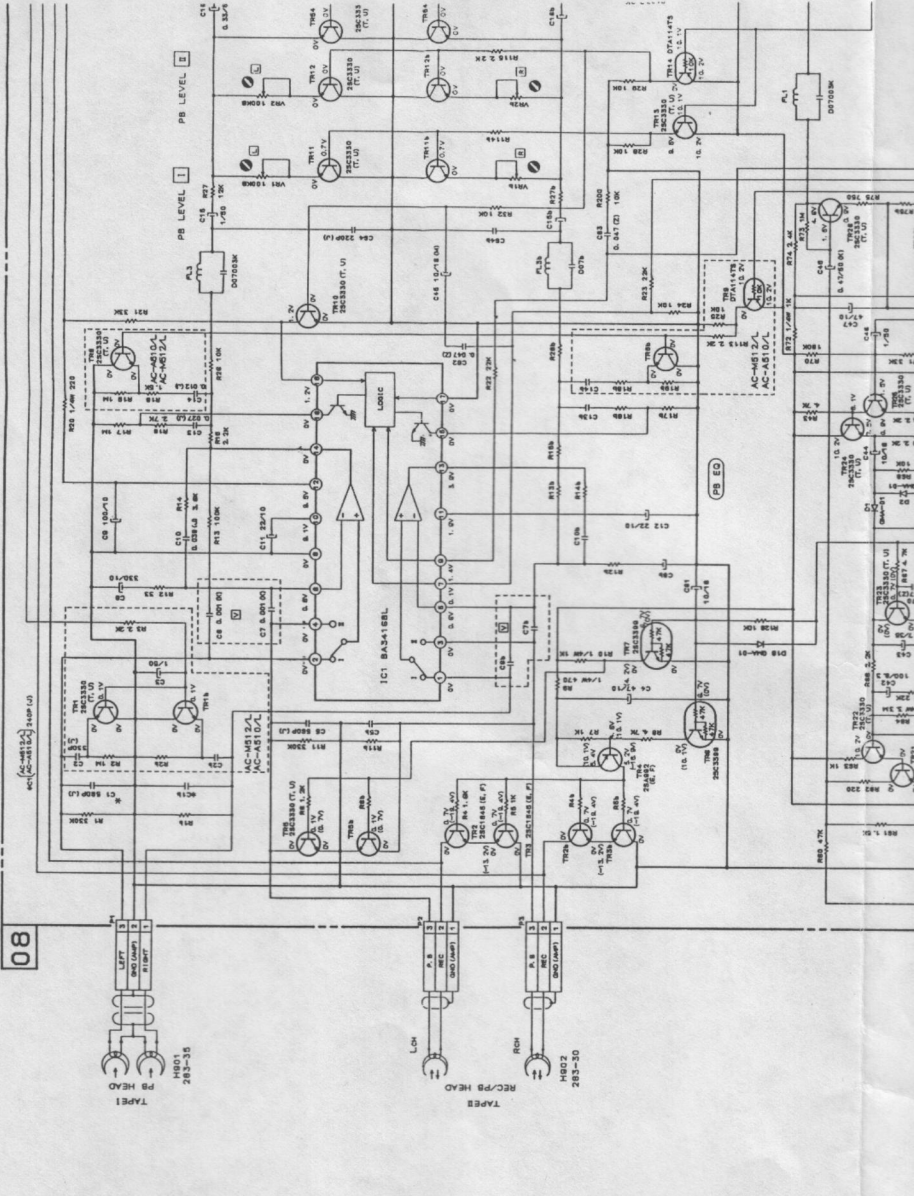
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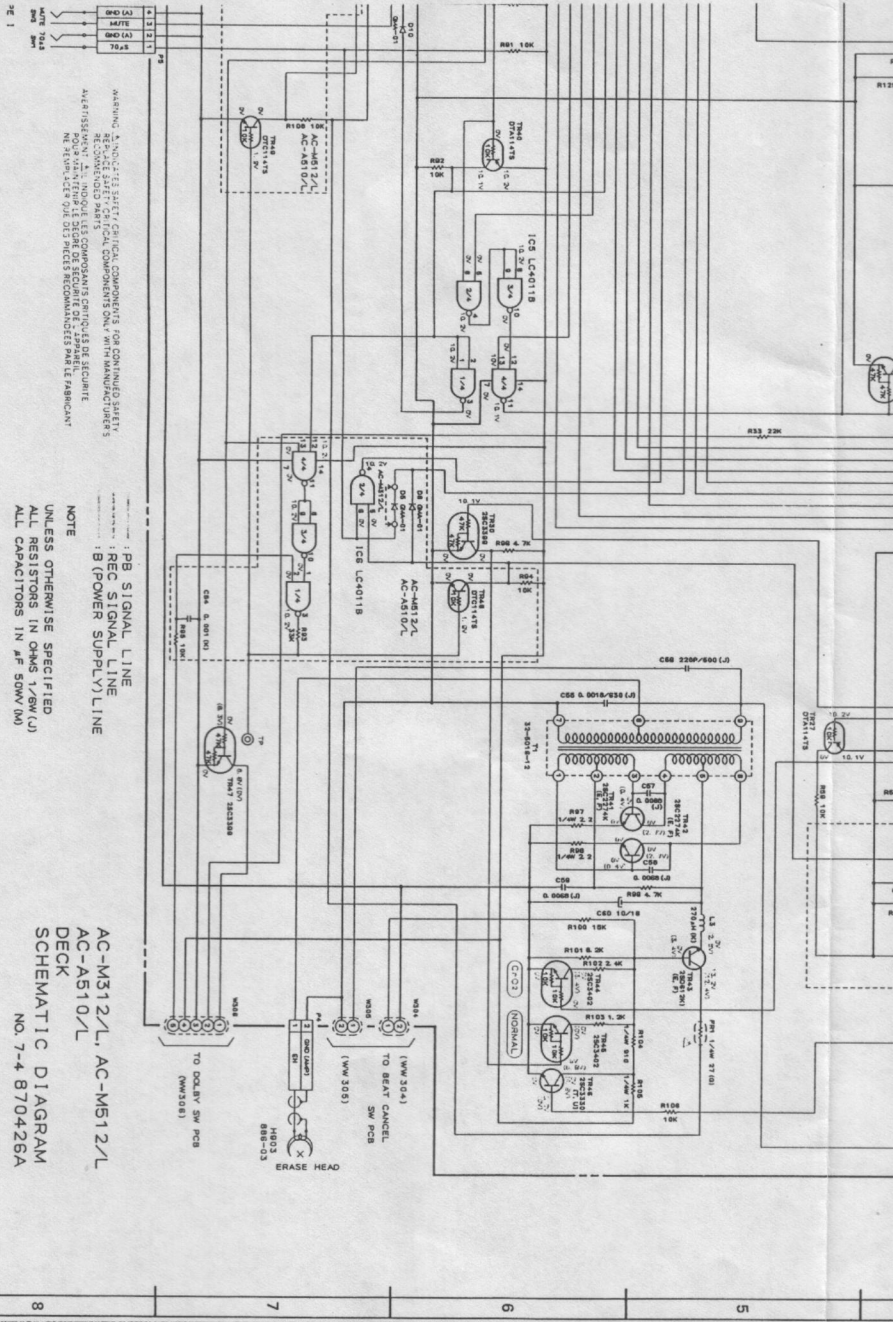
2

3

4

08



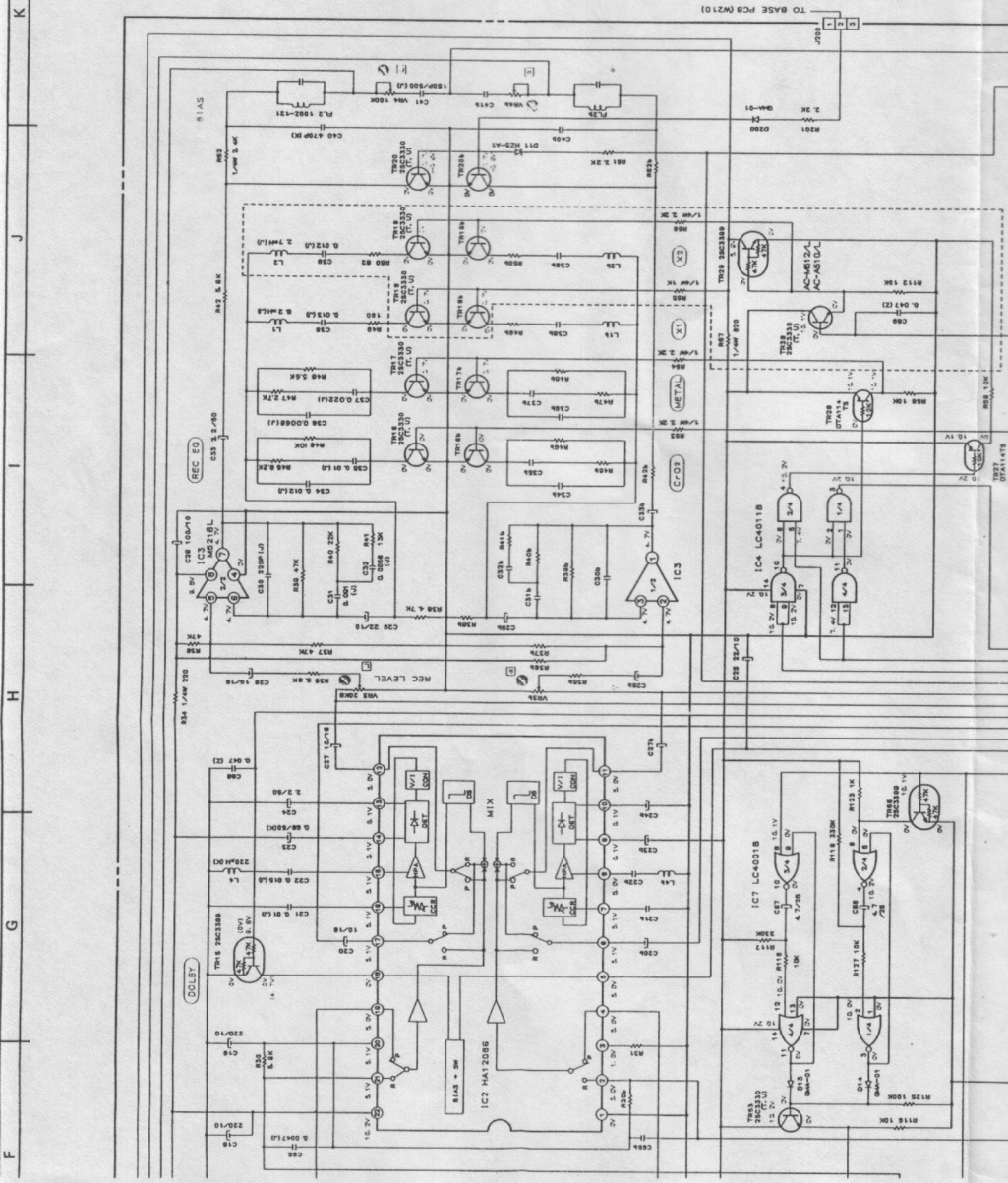


WARNING: AVOID CONTACT WITH ELECTRICAL COMPONENTS FOR CONTINUED SAFETY.
 REPAIRS SHOULD BE MADE BY QUALIFIED PERSONNEL ONLY. REFER TO THE SERVICE MANUAL FOR SAFETY INFORMATION.
 REPAIRS SHOULD BE MADE BY QUALIFIED PERSONNEL ONLY. REFER TO THE SERVICE MANUAL FOR SAFETY INFORMATION.

NOTE: PB SIGNAL LINE
 B (POWER SUPPLY) LINE

UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS (Ω) (J)
 ALL CAPACITORS IN pF (50V 50V)

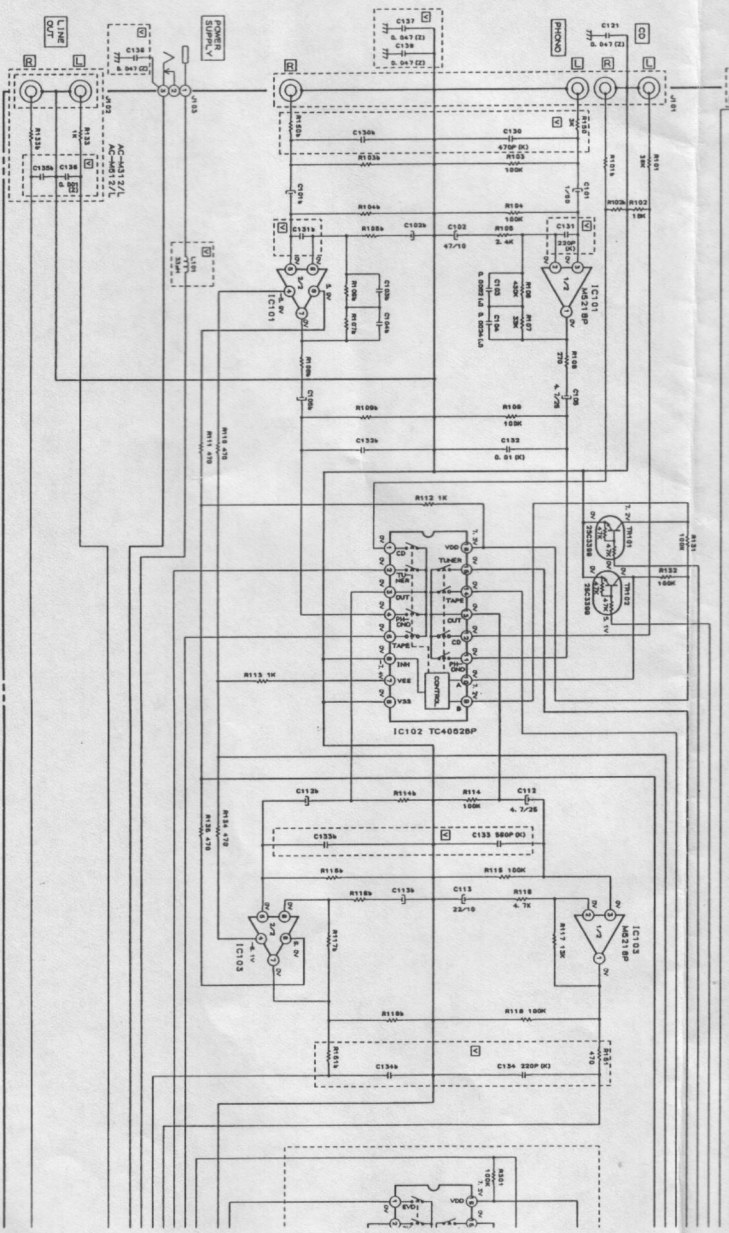
AC-M512/L AC-M512/L
 AC-A510/L
 DECK
 SCHEMATIC DIAGRAM
 NO. 7-4-870426A



TO BASE PCB (W210)

F G H J K

1 2 3 4

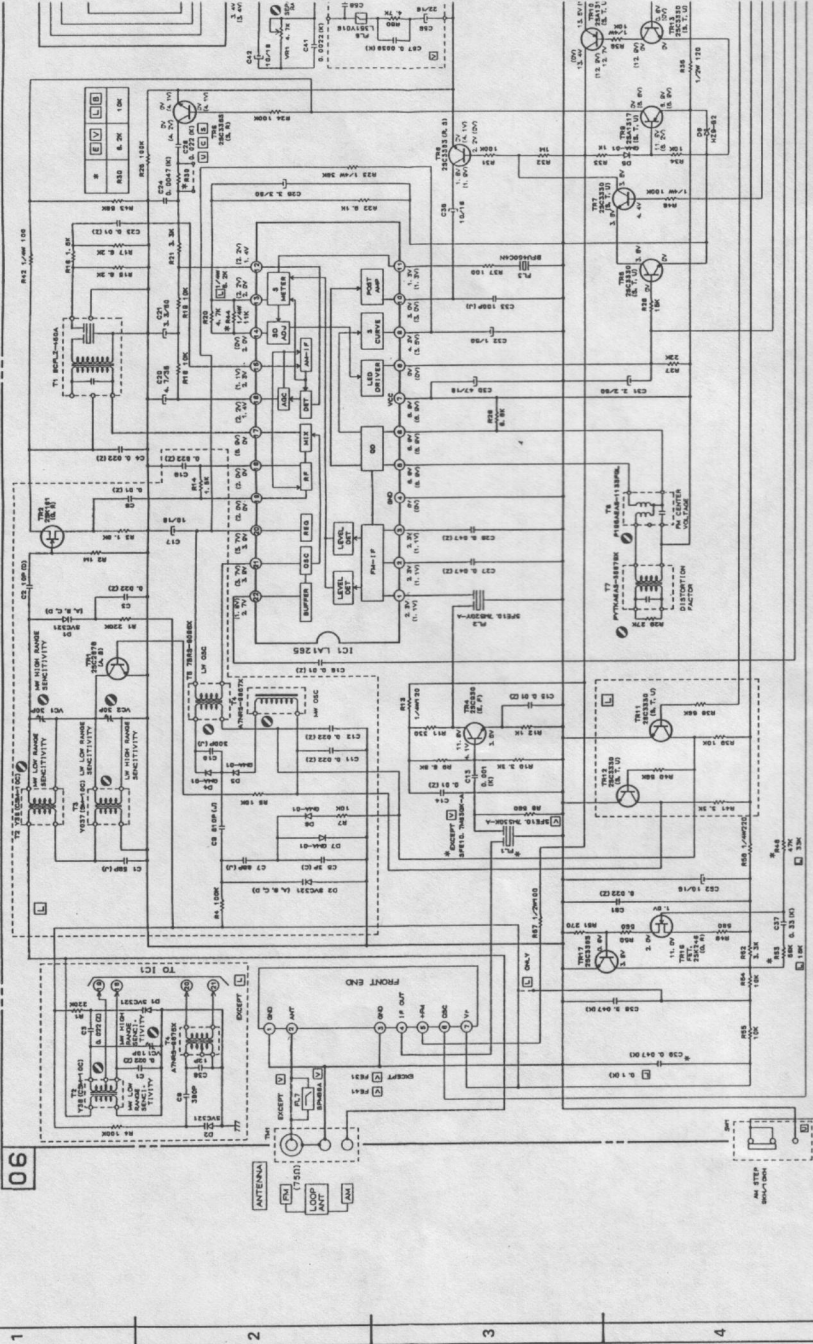


BASE PCB/C1016A5020:EXCEPT MODEL C1016A5025 MODEL

VOLTAGE AT FM STEREO TUNE MODE () AT AM TUNE MODE

WARNING: MANIPULATING SAFETY CRITICAL COMPONENTS FOR CONTINUED SAFETY. RECOMMENDED PARTS LIST COMPONENTS ONLY. IN A SAFETY CRITICAL AREA, THE PARTS LIST COMPONENTS SHOULD BE REPLACED WITH IDENTICAL PARTS. IN A SAFETY CRITICAL AREA, THE PARTS LIST COMPONENTS SHOULD BE REPLACED WITH IDENTICAL PARTS.

90



G

H

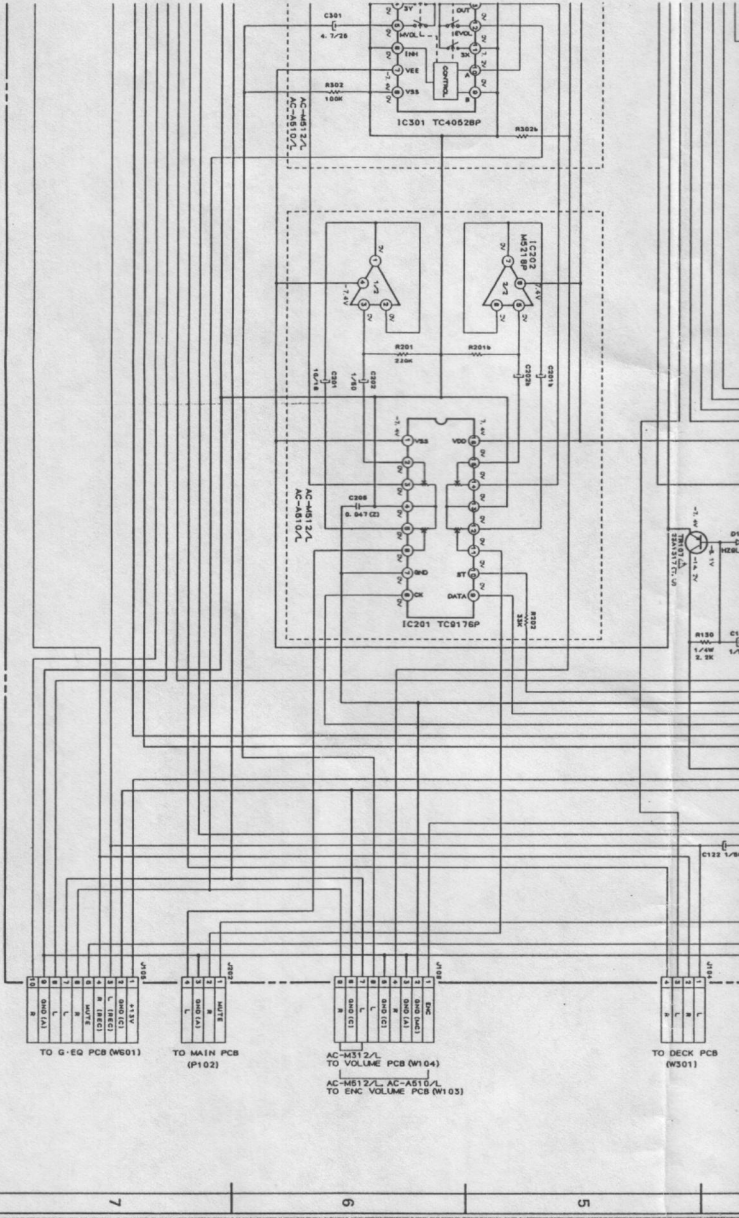
J

K

FM SIGNAL LINE
AM SIGNAL LINE
B (POWER SUPPLY) LINE

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS (1/8W (J))
ALL CAPACITORS IN μF (50WV (M))

AC-M312/L, AC-M512/L,
AC-AS10/L
BASE
SCHEMATIC DIAGRAM
NO. 7-3 870425A



8

7

6

5

