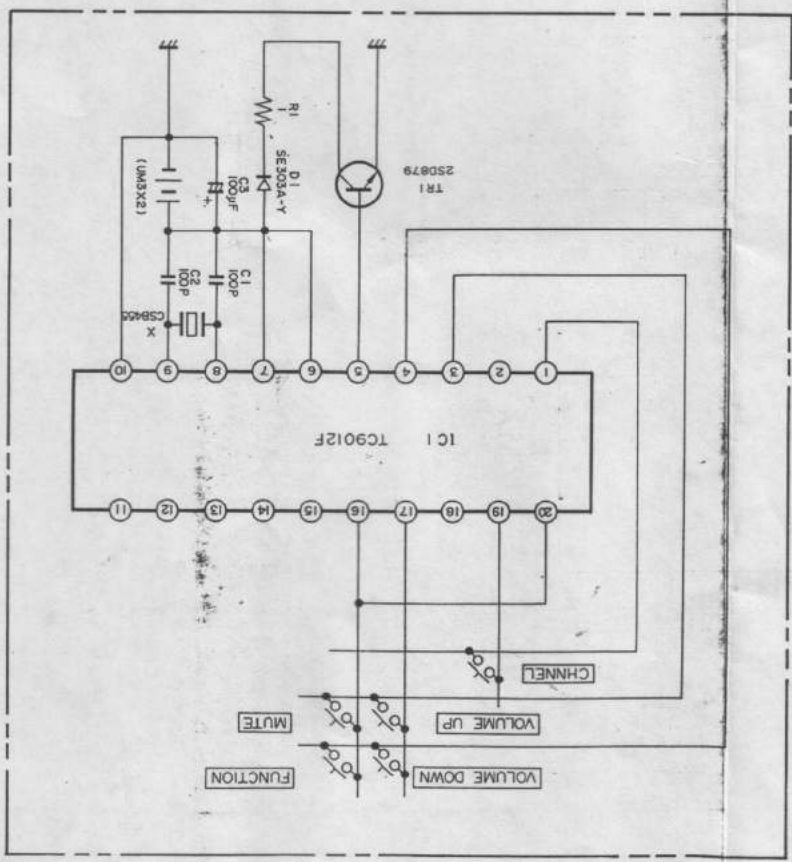
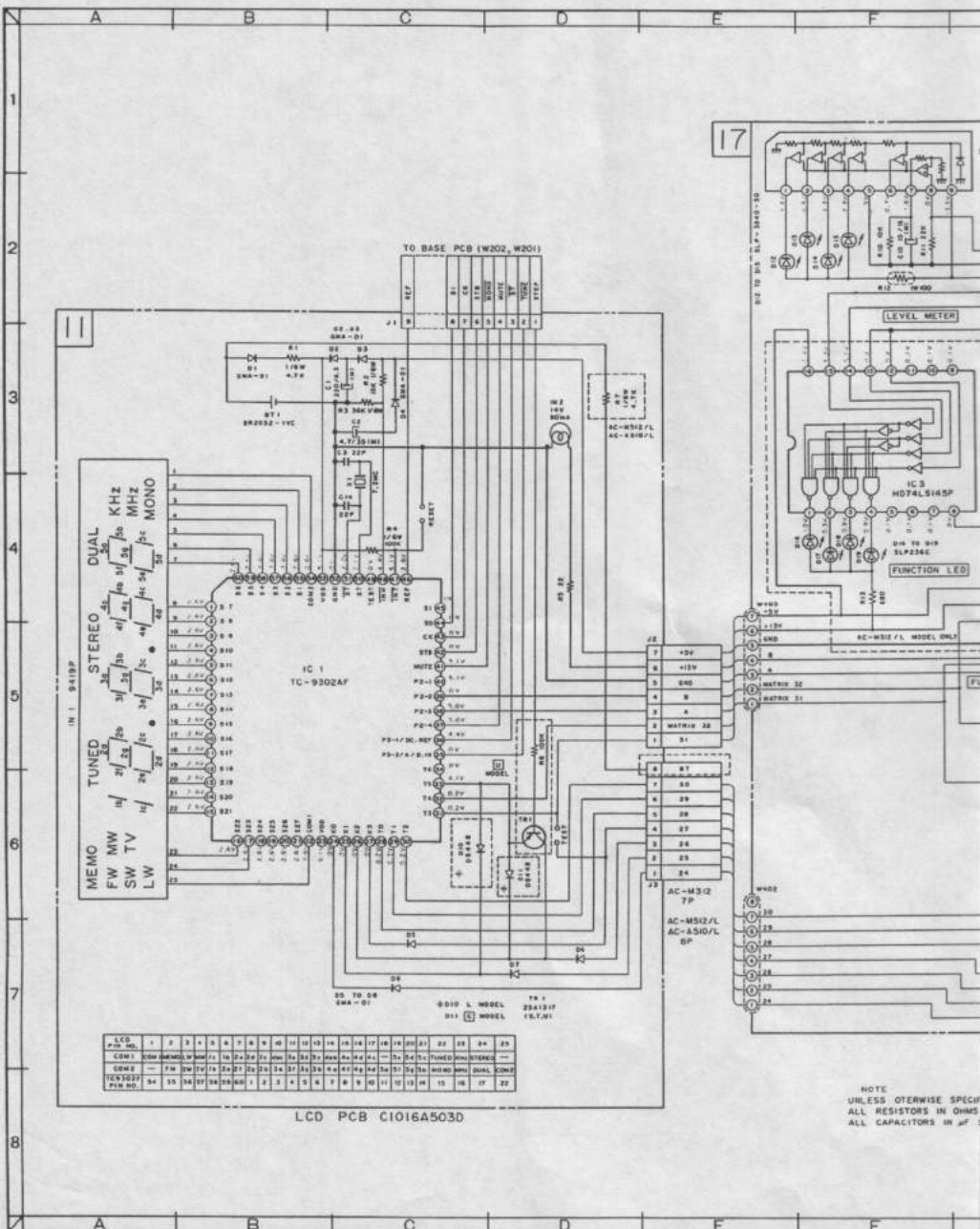


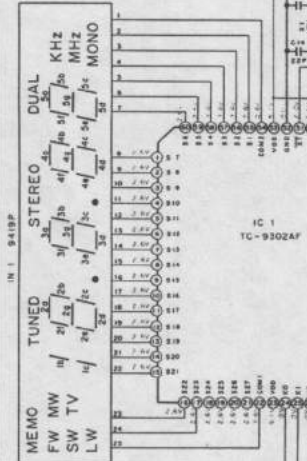
RC-S500
 REMOTE CONTROL UNIT
 SCHEMATIC DIAGRAM
 NO. 7-7 870429A

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





17



LCD P/N	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
CONV	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W	50W
CONV	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W	7W
TV SET	54	55	56	57	58	59	60	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	22

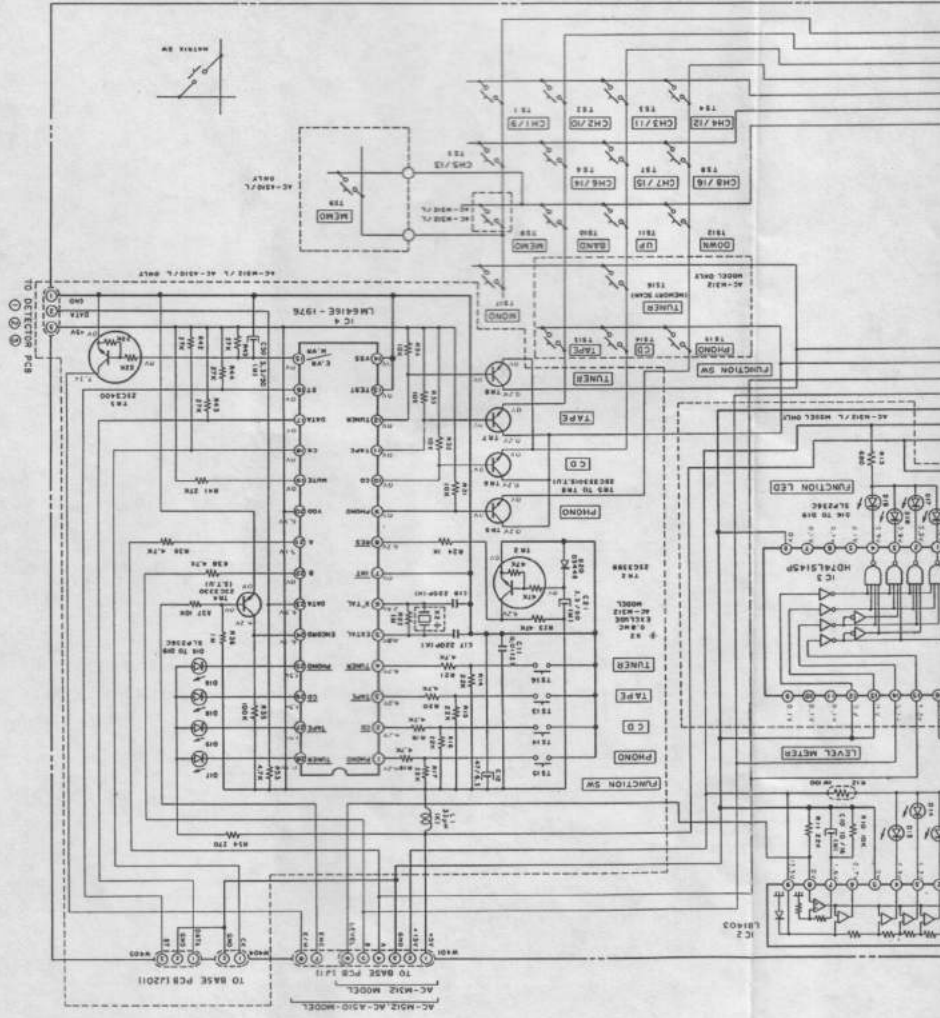
LCD PCB C1016A503D

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

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

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS / W / W (J)
ALL CAPACITORS IN μ F 50V (L)

CONTROL PCB C1016A504A



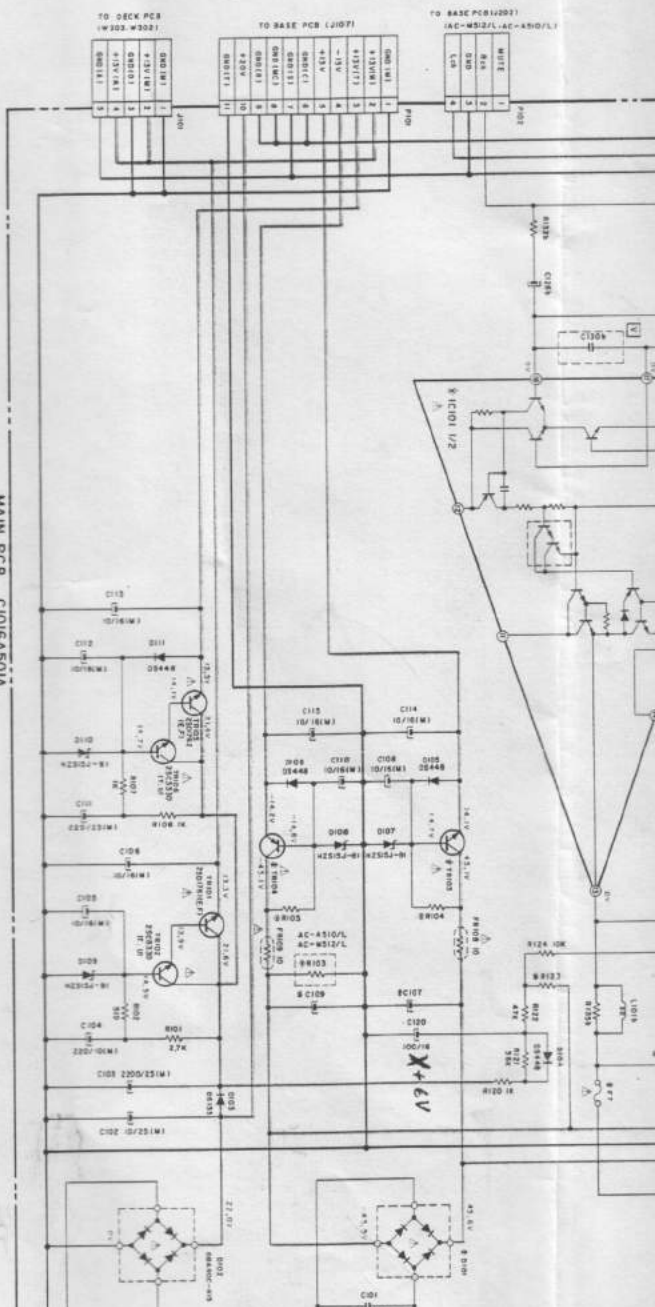
TO DETECTOR PCB
① ② ③

TO BASE PCB I2011

TO BASE PCB I2011

TO BASE PCB I2011

TO BASE PCB I2011

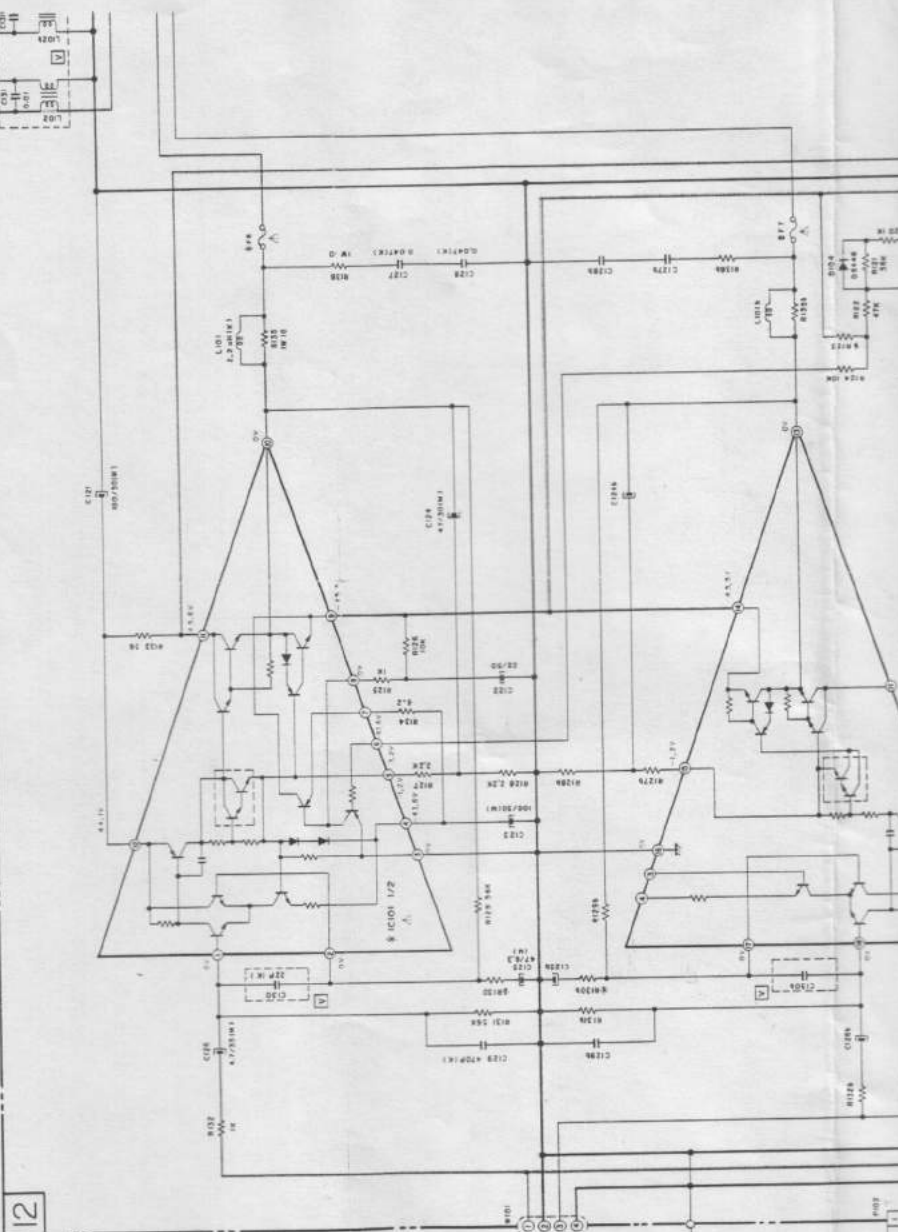


MAIN PCB C1016A501A

AC-M12/L, AC-K510/L	IC101	ROK 005	R023	R100	TR103	TR104	R105
4100/50	DR460C-K15	5174127-II	12K	680	2501871 E, F1	2501871 E, F1	2M 2.2K
4700/45	DR440C-K12	5174132-II	10K	250K	2501742 E, F1	2501195 E, F1	

Φ	AC-M12/L							AC-M12/L, AC-K510/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/125V	4A/125V	2A/250V	2A/250V	6.3A/125V	6.3A/125V	1.6A/125V	4A/125V	4A/125V
C	3.15A/125V		13.15A/250V	13.15A/250V	11.25A/250V	12.25A/250V	12.25A/250V	3.15A/125V	3.15A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V
E, V, S	11A/230V		13.15A/250V	13.15A/250V	11.25A/250V	12.25A/250V	12.25A/250V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V
B	11.6A/230V					4A/230V	4A/230V	2A/250V	2A/250V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V	1.6A/125V
Y1														

6
B
A
B
C
D
E
F



12

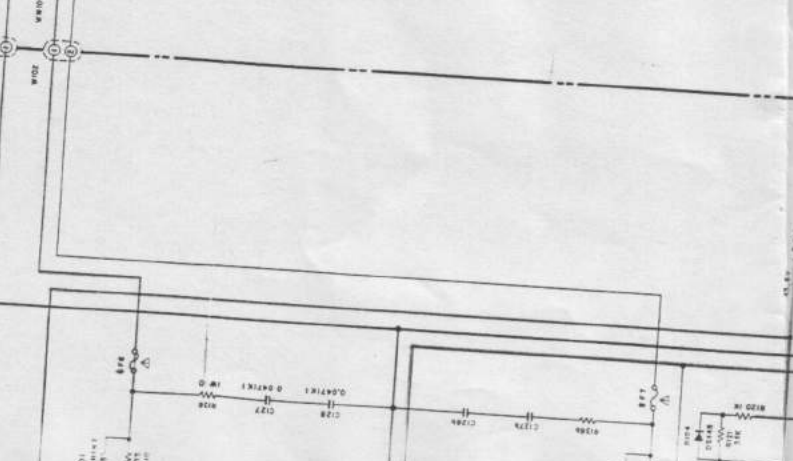
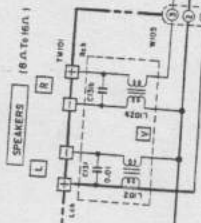
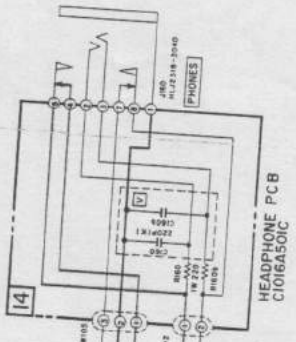
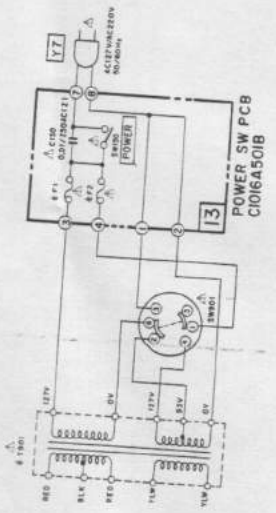
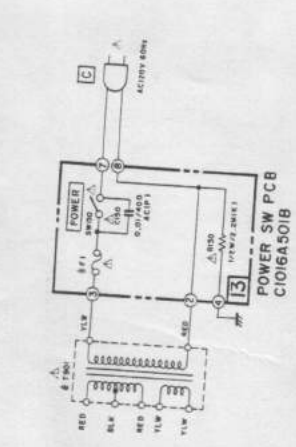
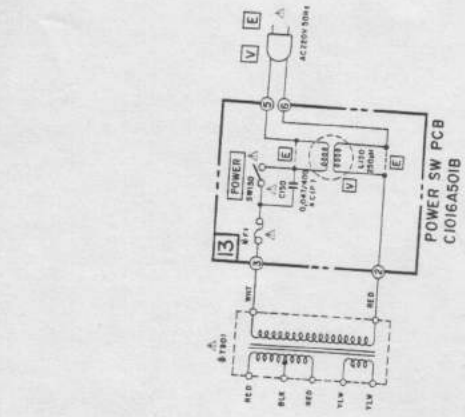
SPEAKERS

1

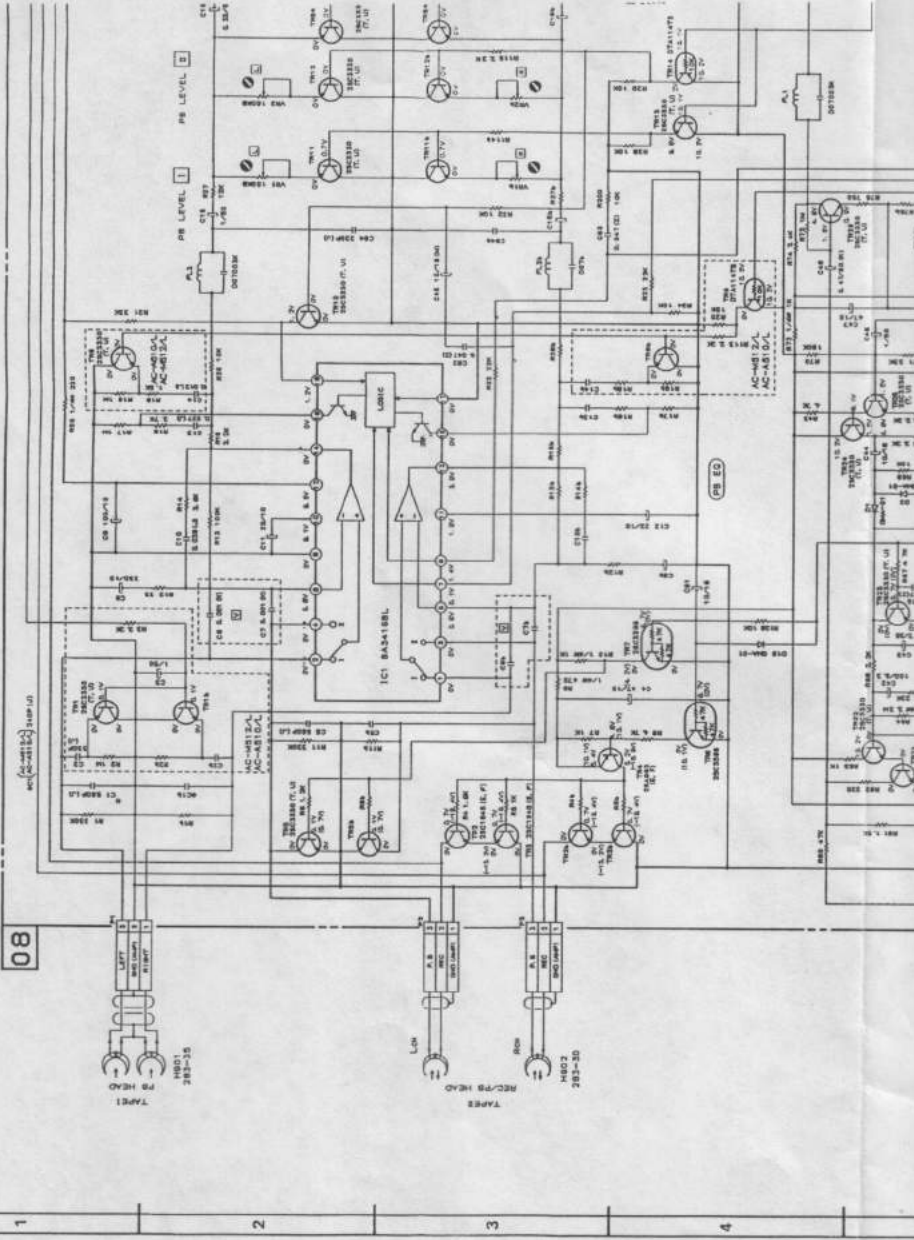
2

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4



A B C D E



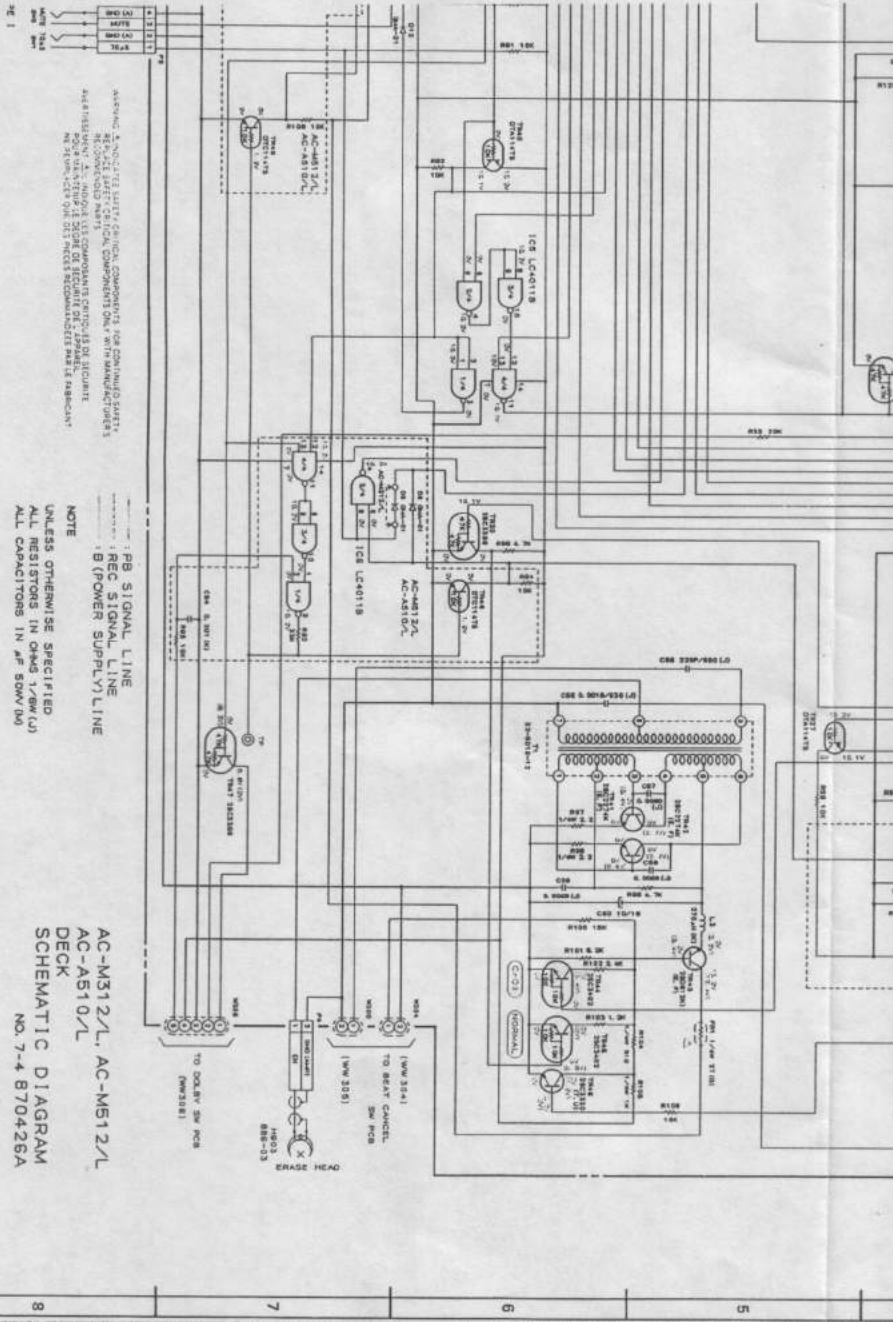
08

1

2

3

4

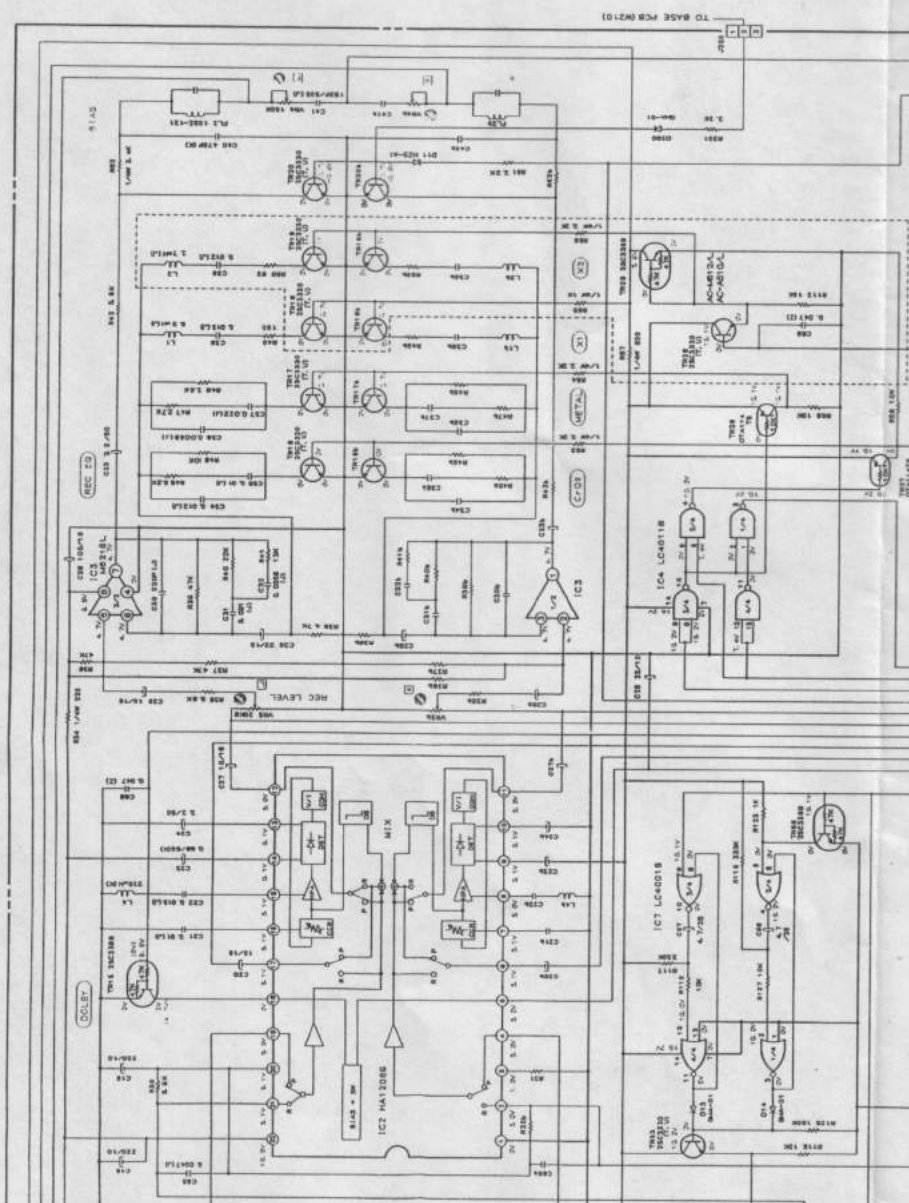


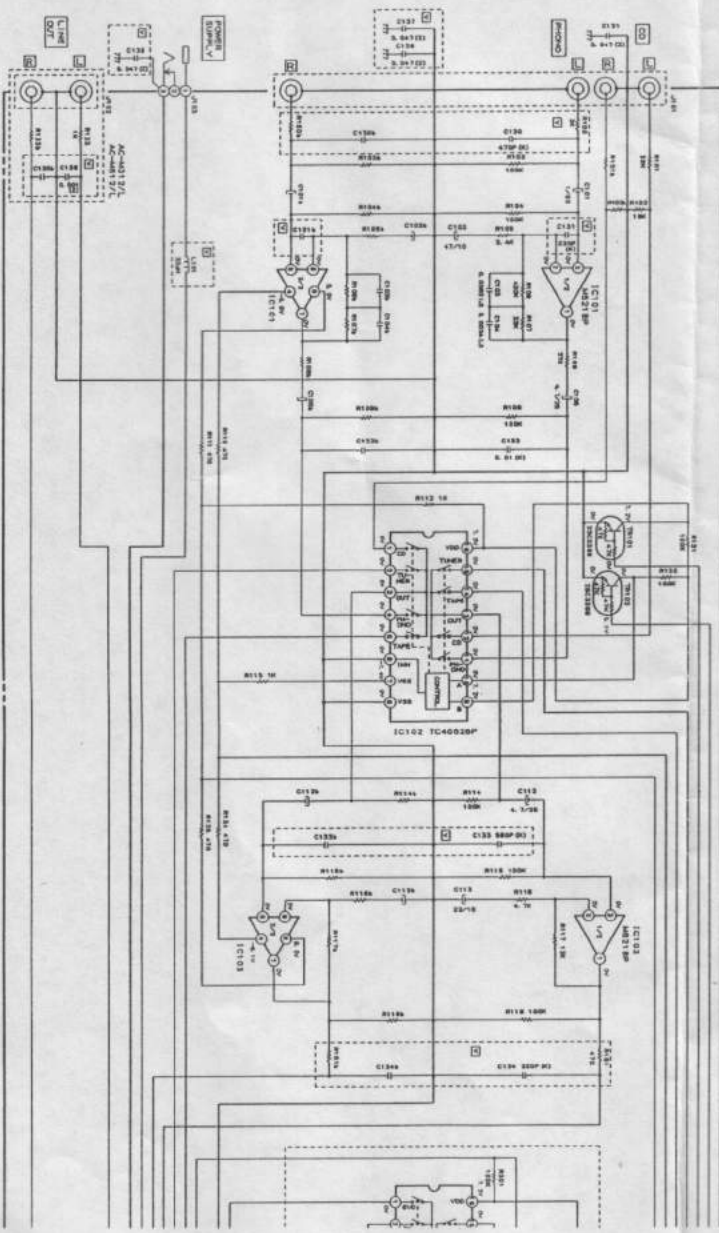
ASSUME A COMPLETE SET OF ELECTRICAL COMPONENTS FOR CONTINUOUS SERVICE
 RESISTORS ARE SPECIFIED IN OHMS UNLESS OTHERWISE NOTED
 CAPACITORS ARE SPECIFIED IN MICROFARADS UNLESS OTHERWISE NOTED
 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

PB SIGNAL LINE
 B (POWER SUPPLY) LINE
 NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS (R/W/Ω)
 ALL CAPACITORS IN μF (50WV 50V)

AC-M512/L, AC-M512/L
 AC-A510/L
 DECK
 SCHEMATIC DIAGRAM
 NO. 7-4-B70426A

F G H J K





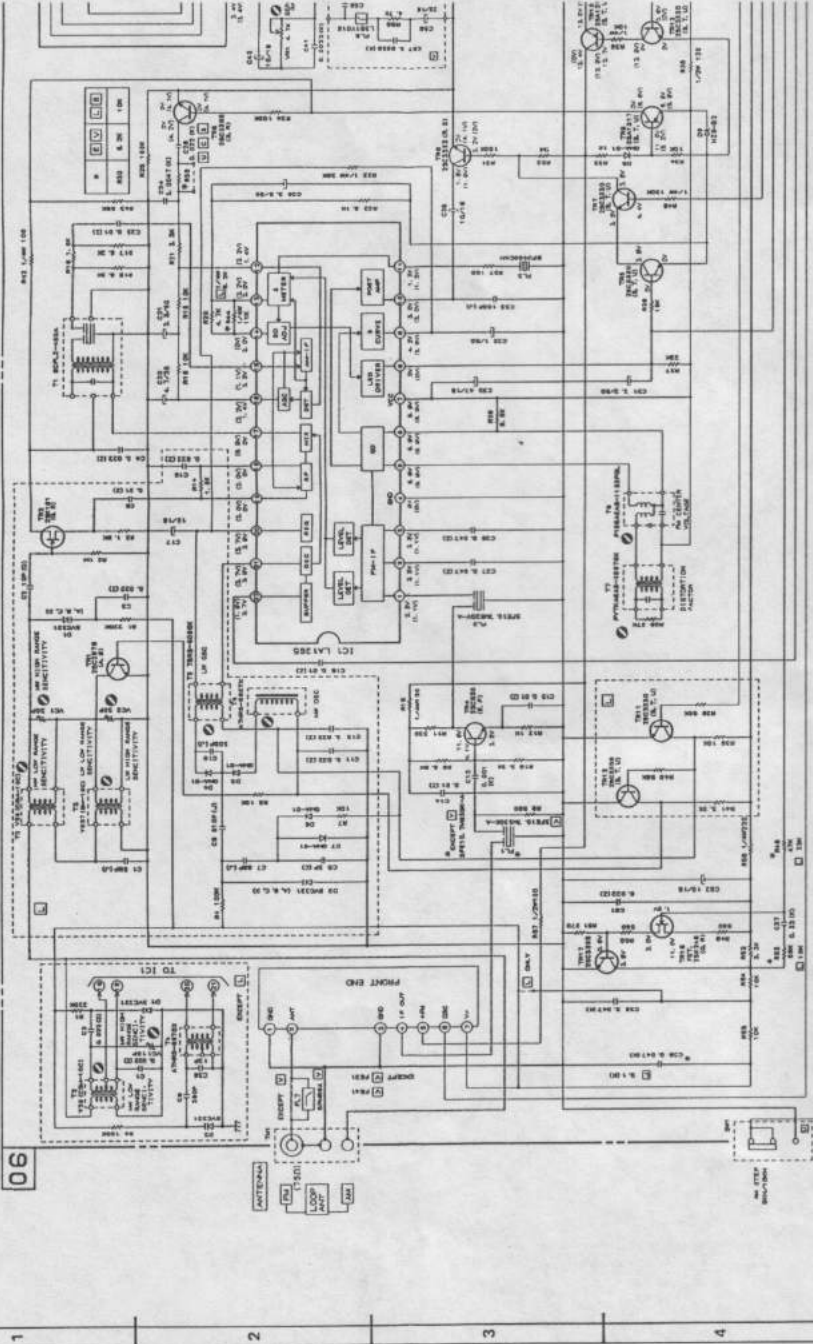
BASE PCB/CI01A5020:EXCEPT MODEL CI01A5025 MODEL

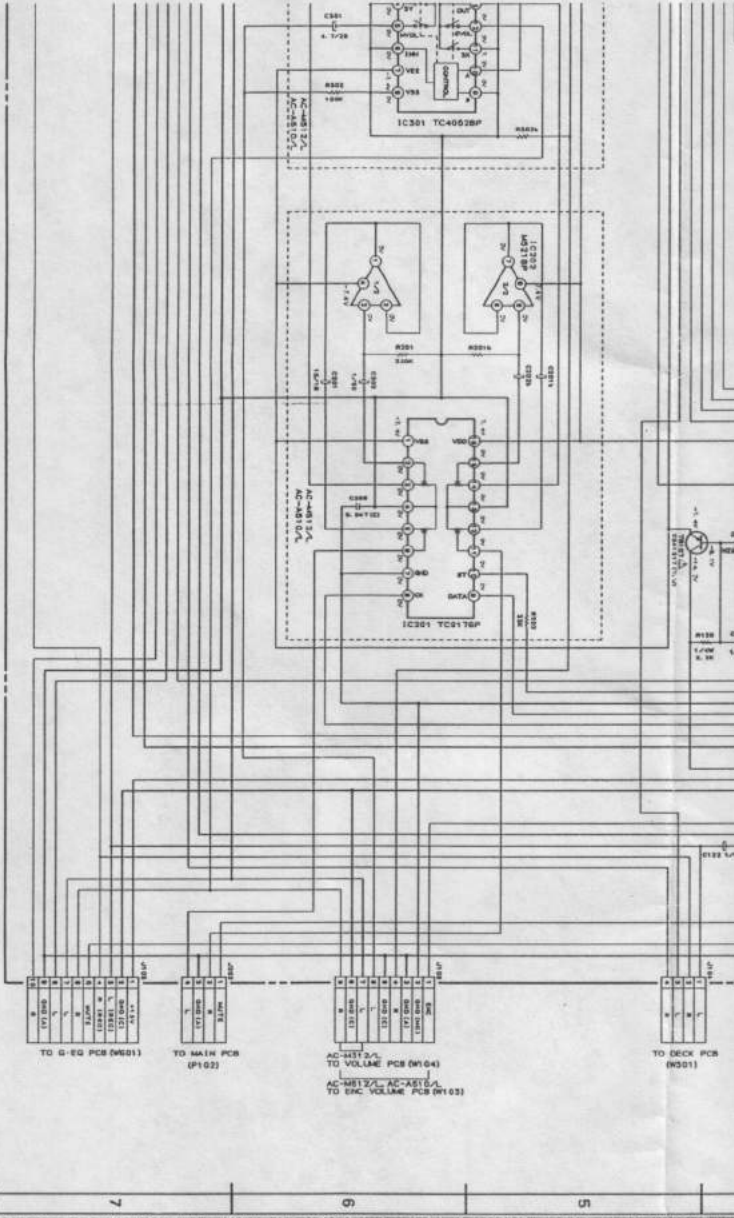
VOLTAGE AT PA STEREO TUNE MODE

() AT AM TUNE MODE

WARNING: ANCHORES PARTS/OTHER COMPONENTS FOR CORRECT LAYOUT
 RECOMMENDED PARTS FROM COMPONENTS ONLY. DO NOT REMOVE PARTS
 AFFECTING THE OPERATION OF THE CIRCUIT OR SECURITY
 IN REMOVING OR REPLACING COMPONENTS AND THE REPAIRMAN

90





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

NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS (1/8W/1/4)
 ALL CAPACITORS IN μ F (50WV/50)

AC-M312/L, AC-M512/L,
 AC-A510/L
 BASE
 SCHEMATIC DIAGRAM
 NO. 7-3 870425A

J101

1	10K
2	500K
3	10K
4	10K
5	10K
6	10K
7	10K
8	10K

TO G-EQ PCB (M601)

J102

1	10K
2	10K
3	10K
4	10K
5	10K
6	10K
7	10K
8	10K

TO MAIN PCB (P102)

J103

1	10K
2	10K
3	10K
4	10K
5	10K
6	10K
7	10K
8	10K

AC-M312/L,
 TO VOLUME PCB (M104)

J104

1	10K
2	10K
3	10K
4	10K
5	10K
6	10K
7	10K
8	10K

AC-M312/L, AC-A510/L,
 TO ERG. VOLUME PCB (M103)

TO DECK PCB (M301)

G

H

J

K

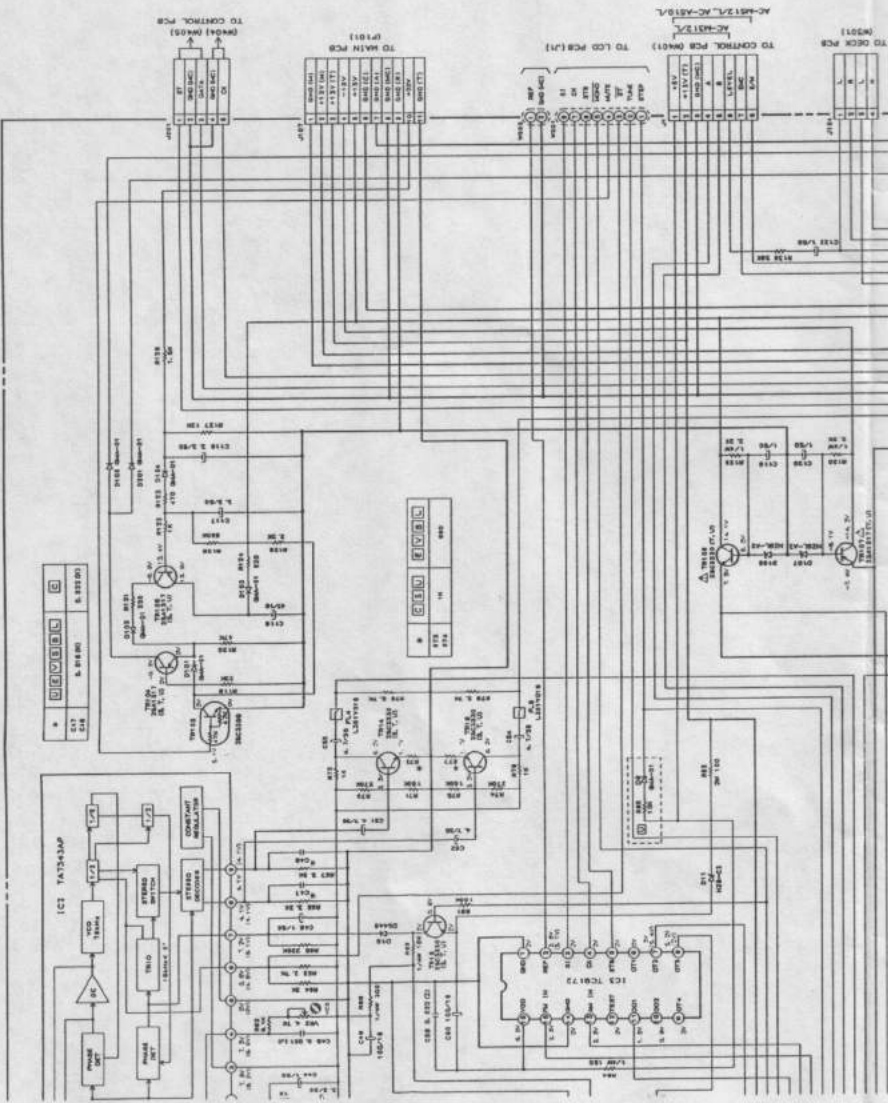
8

7

6

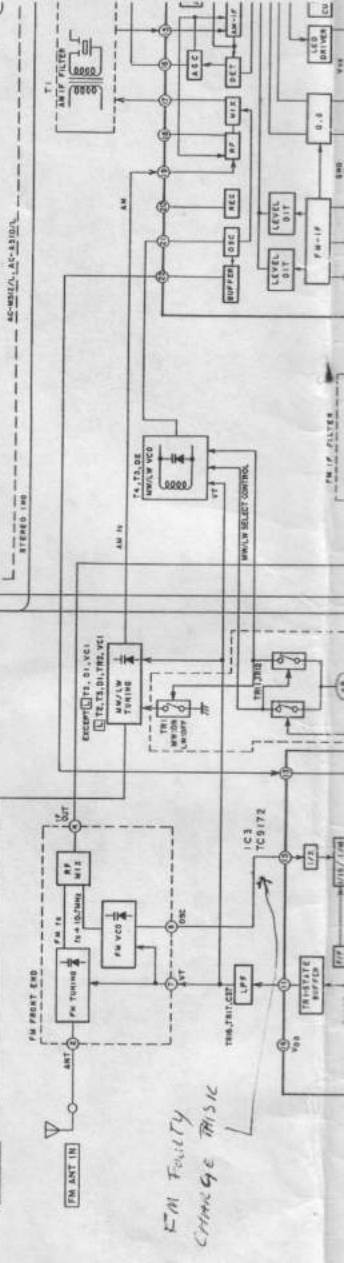
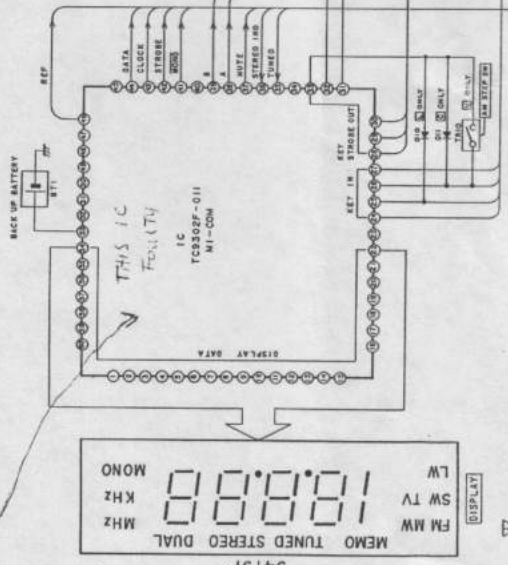
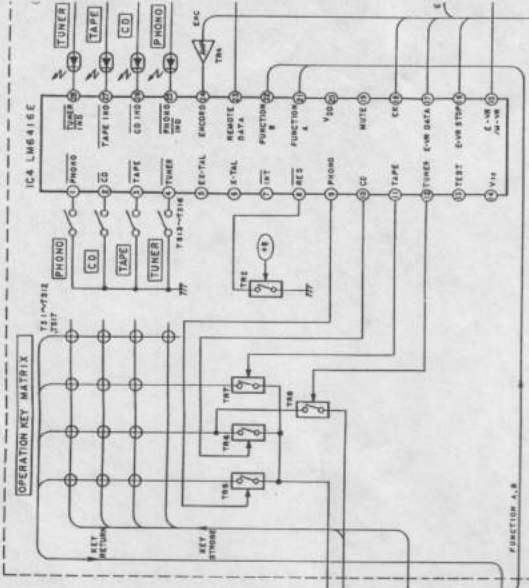
5

G H I J K



A B C D E F

TUNE/SCAN
PHONO
TAPE
CD/VOL



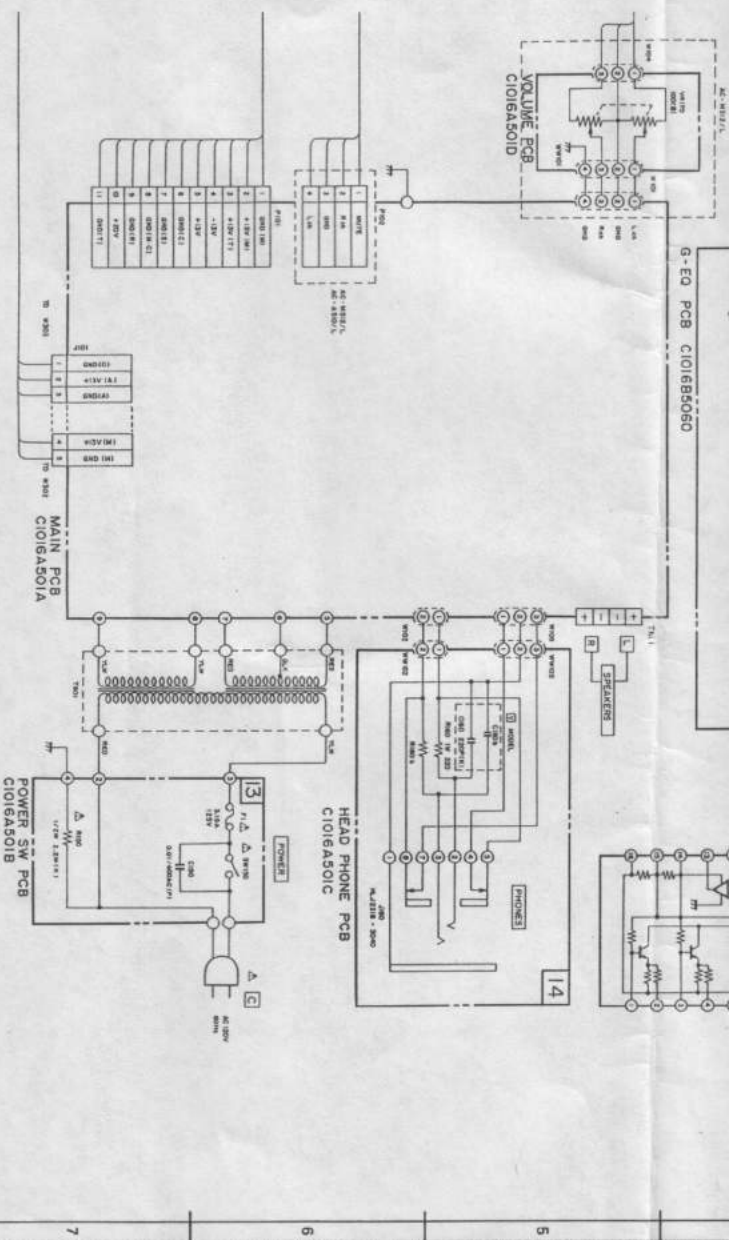
FM FRONT
CHANGE THIS IC

1

2

3

4



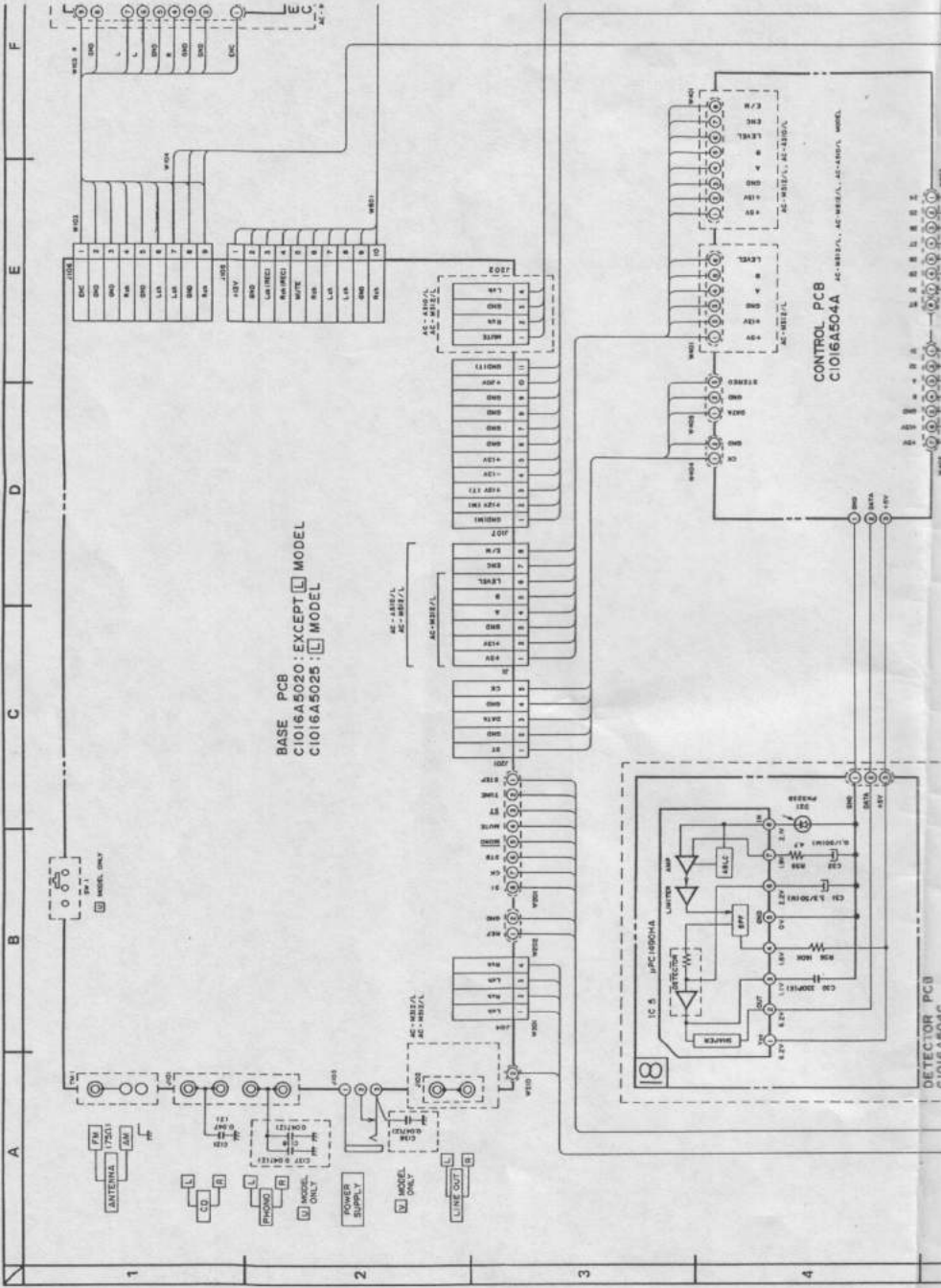
* 8: POWER SUPPLY LINE
 * SIGNAL LINE

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

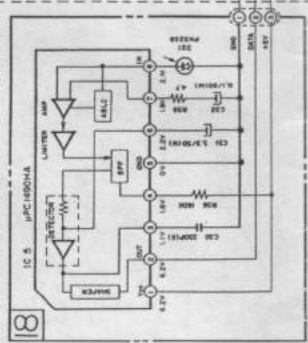
NO. 7-1 870423A

G H J K

8 7 6 5 4



BASE PCB
 C1016A5020: EXCEPT [L] MODEL
 C1016A5025: [L] MODEL



IC 555
 μPC16801HA

CONTROL PCB
 C1016A504A

DETECTOR PCB
 C1016A504C

A B C D E F

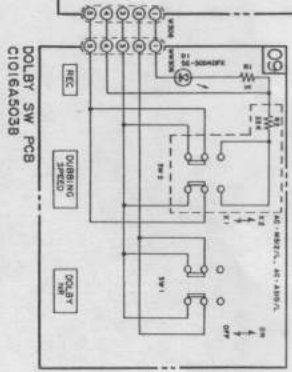
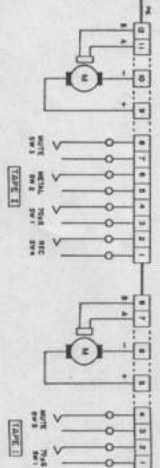
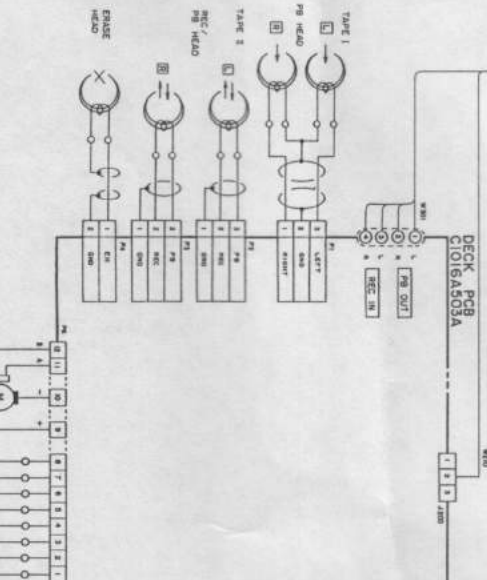
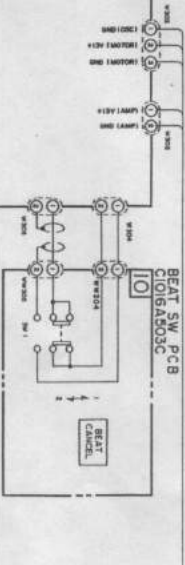
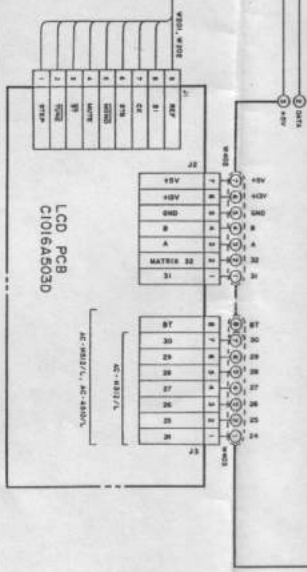
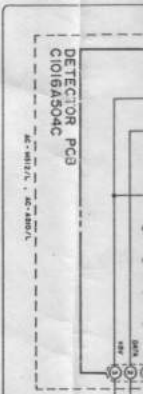
1

2

3

4

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 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



5
6
7
8

A
B
C
D
E
F

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

