

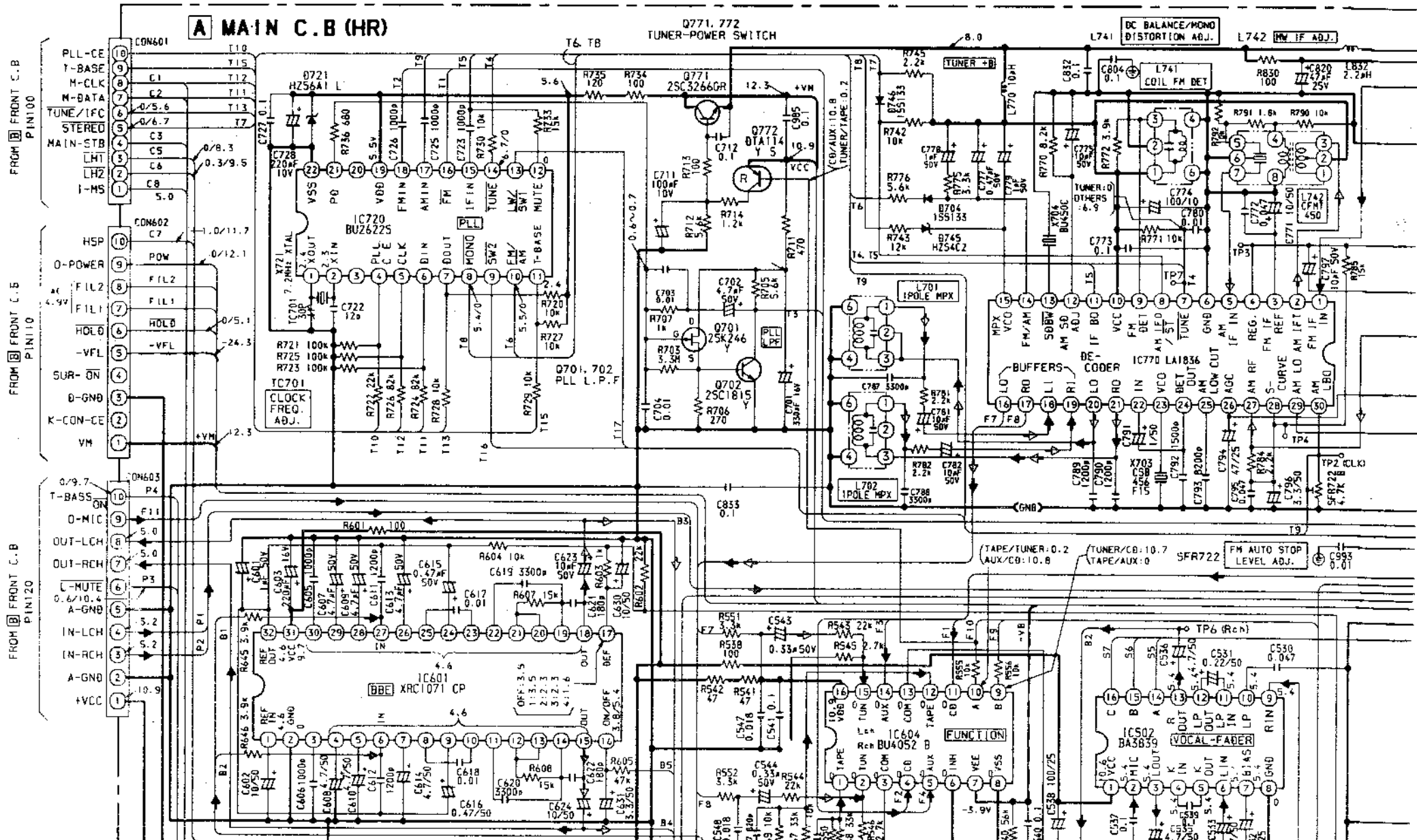
SCHEMATIC DIAGRAM-1 (MAIN: HR)

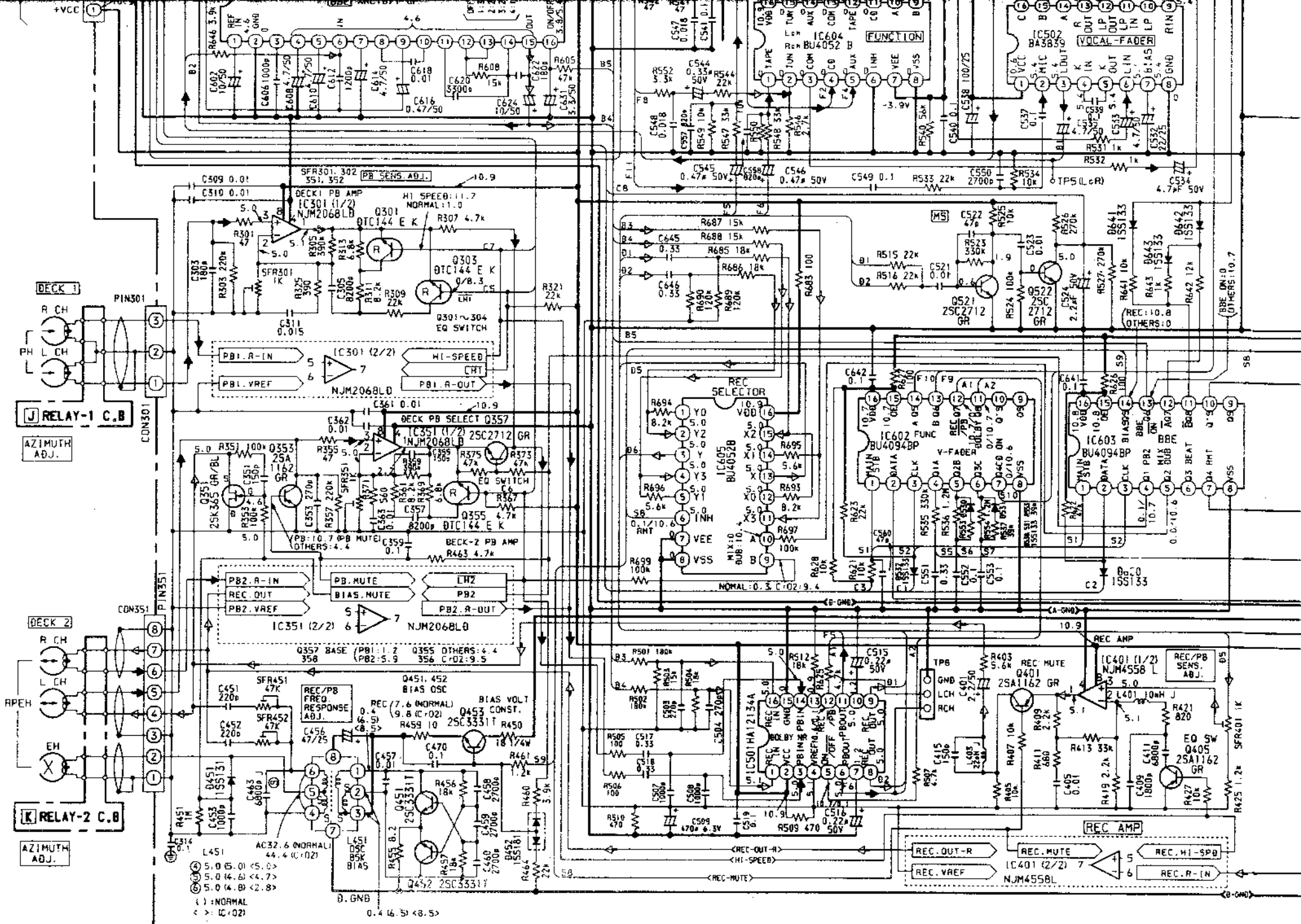
VOLTAGE VALUE

IC720	⑨	⑬	⑬	⑭
FM	8.0	6.4	8.0	0.1
MW	8.1	0.1	8.1	8.1
SW1	8.1	0.1	0.1	8.1
SW2	0.1	0.1	8.0	8.0

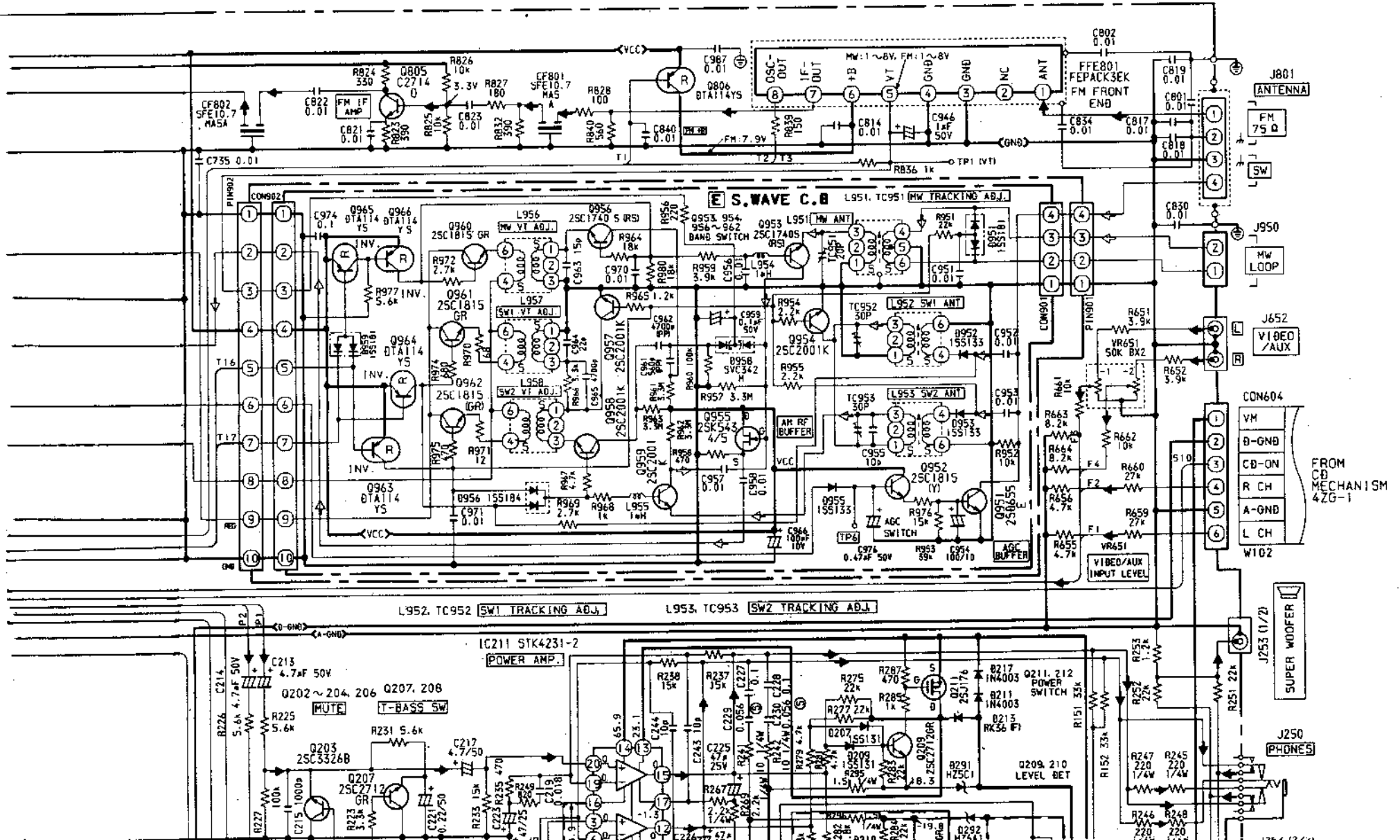
IC770

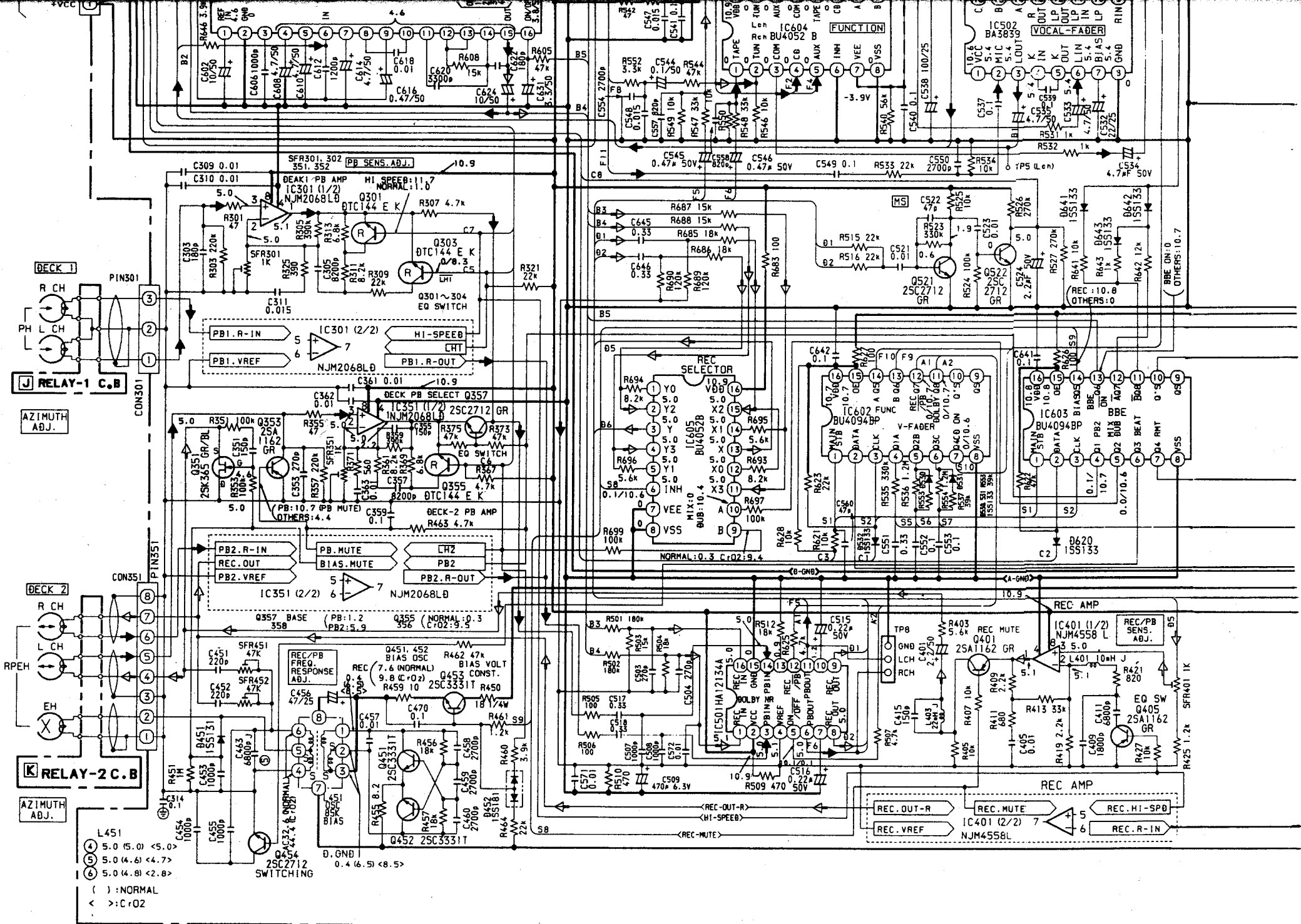
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬
FM	3.7	8.0	3.7	3.8	3.7	0	7.4/0	8.0/0	8.0	8.0	0	1.3	1.7
MW	3.7	8.1	3.7	3.7	3.7	0	7.4/0	8.0/0	8.1	8.0	0	0	1.7
SW1	3.8	8.1	3.8	3.8	3.8	0	7.4/0	8.0/0	8.1	8.0	0	0	1.7
SW2	4.2	8.0	4.2	4.2	4.2	0	7.4/0	8.0/0	8.0	8.0	0	0	1.7





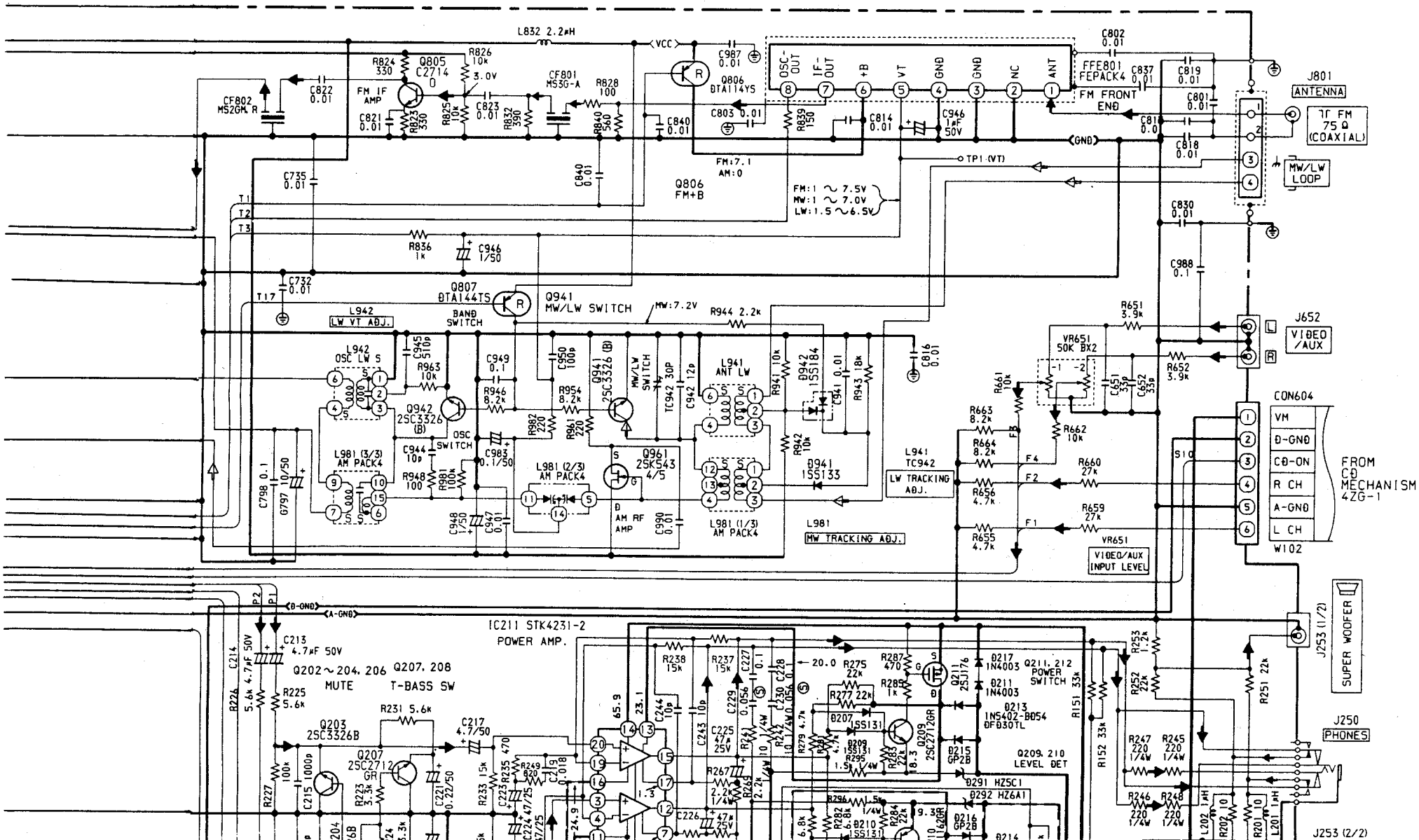
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6.6	7.0	3.8	3.8	3.8	3.8	3.9	3.9	3.0	2.3	3.2	2.9	0	3.7	3.7	3.8	1.9
4.2	6.0	3.7	3.7	3.7	3.8	3.8	3.0	1.4	3.3	3.3	0.5	3.7	3.7	3.7	1.5	
4.2	6.0	3.8	3.8	3.8	3.8	3.9	3.9	3.0	1.4	3.3	3.3	0.5	3.7	3.7	3.8	1.5
4.2	6.0	4.2	4.2	4.2	4.2	4.6	4.6	3.5	1.3	3.5	3.5	0.5	4.2	4.2	4.3	2.0

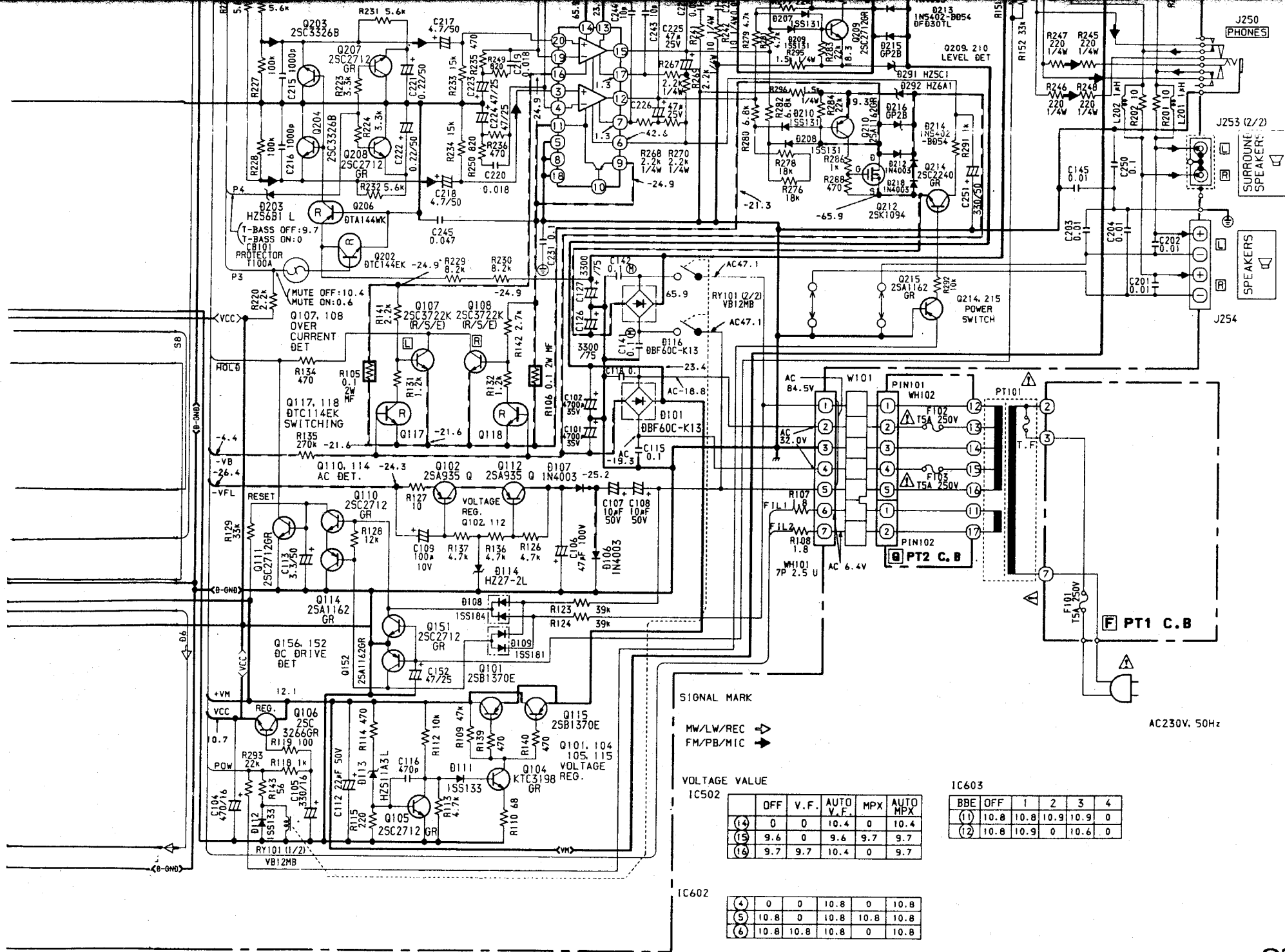




L451
 ④ 5.0 (5.0) <5.0>
 ⑤ 5.0 (4.6) <4.7>
 ⑥ 5.0 (4.8) <2.8>
 () : NORMAL
 < > : C:02

(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
3.6	3.6	3.6	3.5	3.5	2.8	2.1	2.5	2.7	0	3.6	3.6	3.6	1.6
3.6	3.6	3.6	3.4	3.4	2.8	0.4	1.0	3.1	0.5	3.5	3.5	3.6	1.3





SIGNAL MARK

- MW/LW/REC ⇄
- FM/PB/MIC ⇄

VOLTAGE VALUE

IC502

	OFF	V.F.	AUTO V.F.	MPX	AUTO MPX
(14)	0	0	10.4	0	10.4
(15)	9.6	0	9.6	9.7	9.7
(16)	9.7	9.7	10.4	0	9.7

IC603

BBE	OFF	1	2	3	4
(1)	10.8	10.8	10.9	10.9	0
(2)	10.8	10.9	0	10.6	0

IC602

(4)	0	0	10.8	0	10.8
(5)	10.8	0	10.8	10.8	10.8
(6)	10.8	10.8	10.8	0	10.8

AC230V, 50Hz

SCHEMATIC DIAGRAM-3 (MAIN: LH)

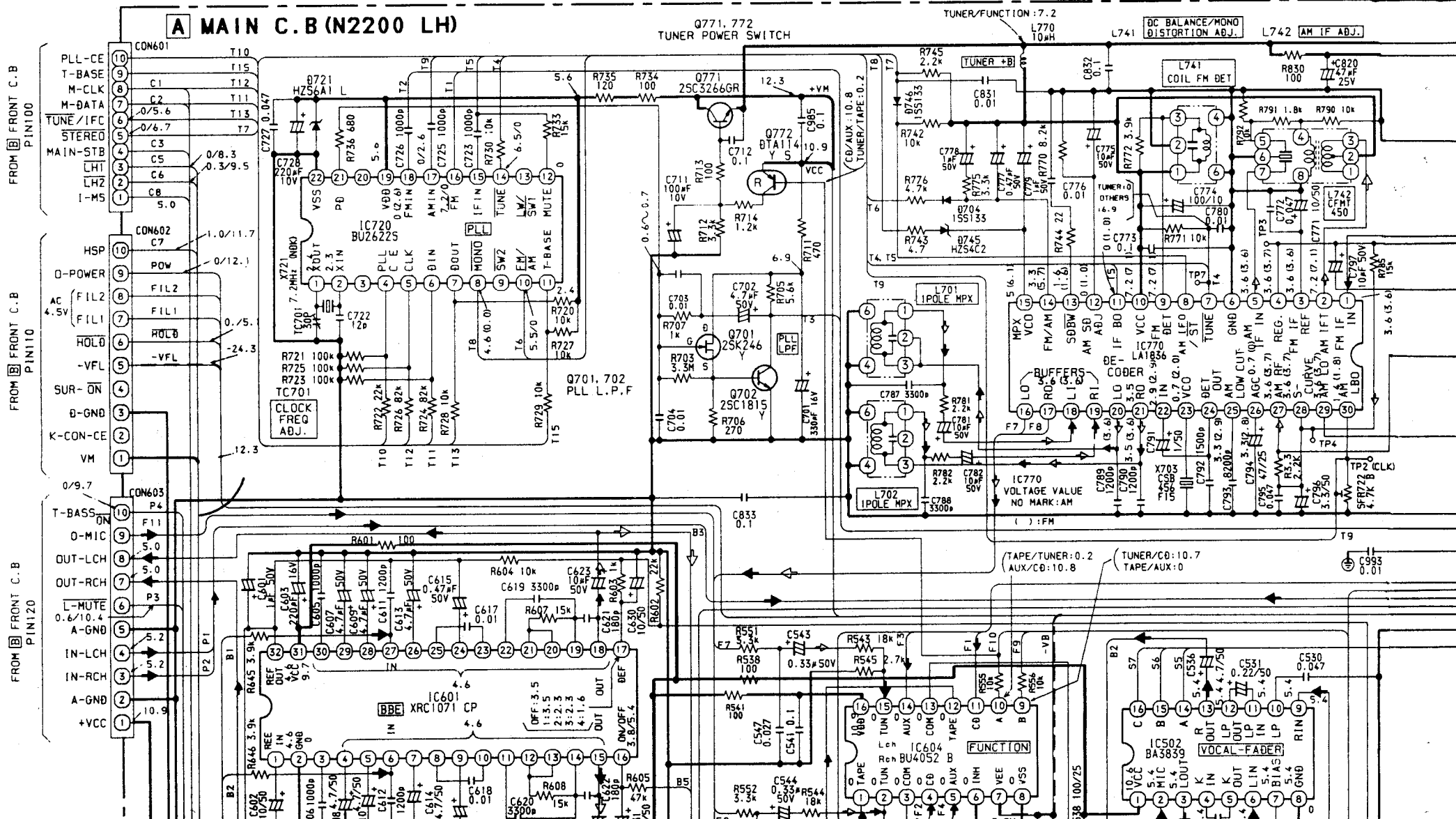
VOLTAGE VALUE

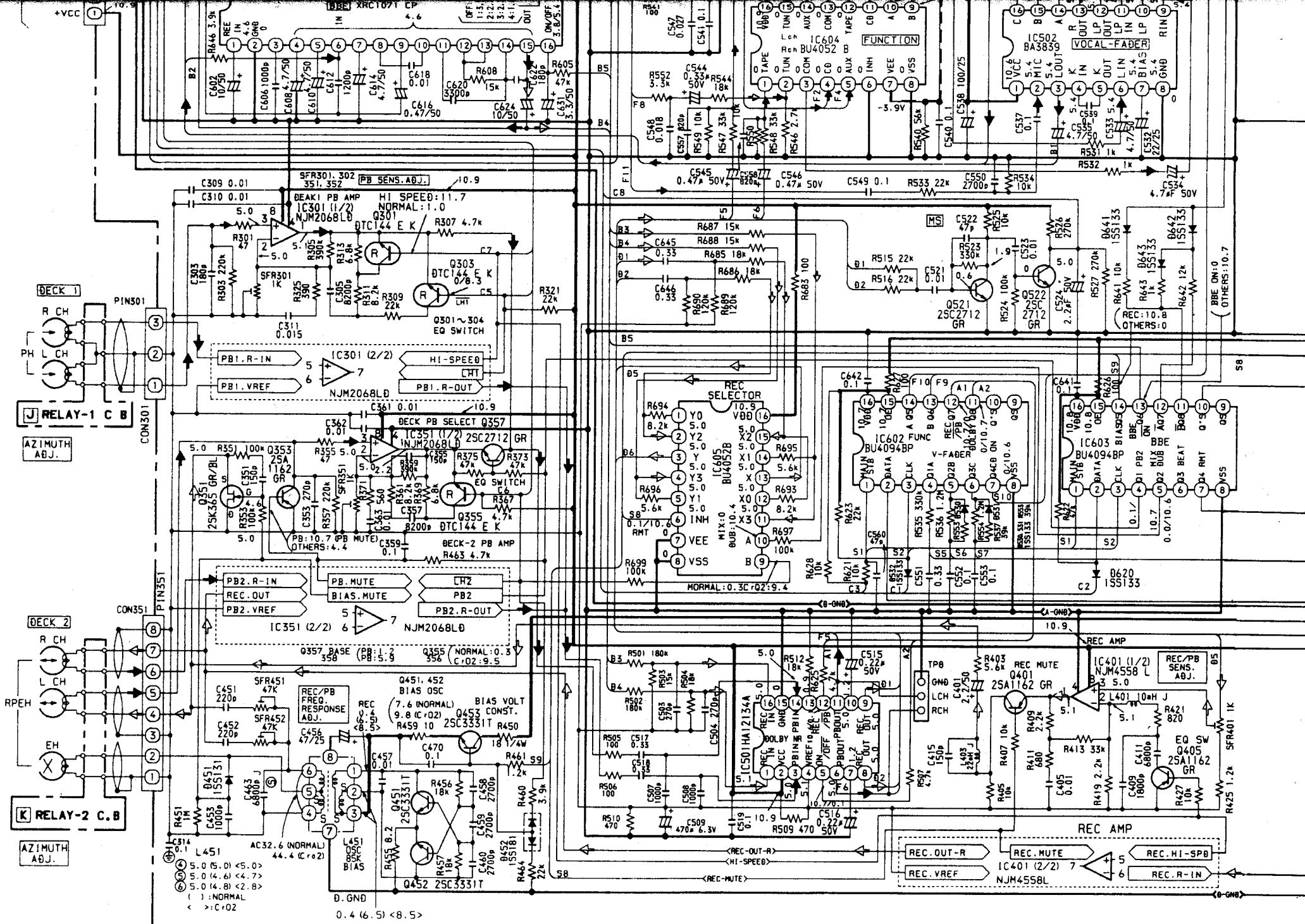
IC720

	(9)	(10)	(13)	(16)
FM	8.0	6.4	8.0	0.1
AM	8.1	0.1	8.1	8.1

IC770

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
FM	3.7	8.0	3.7	3.8	3.7	0	7.4/0	8.0/0	8.0	8.0	0	1.3	1.7
AM	3.7	8.1	3.7	3.7	3.7	0	7.4/0	8.0/0	8.1	8.0	0	0	1.7

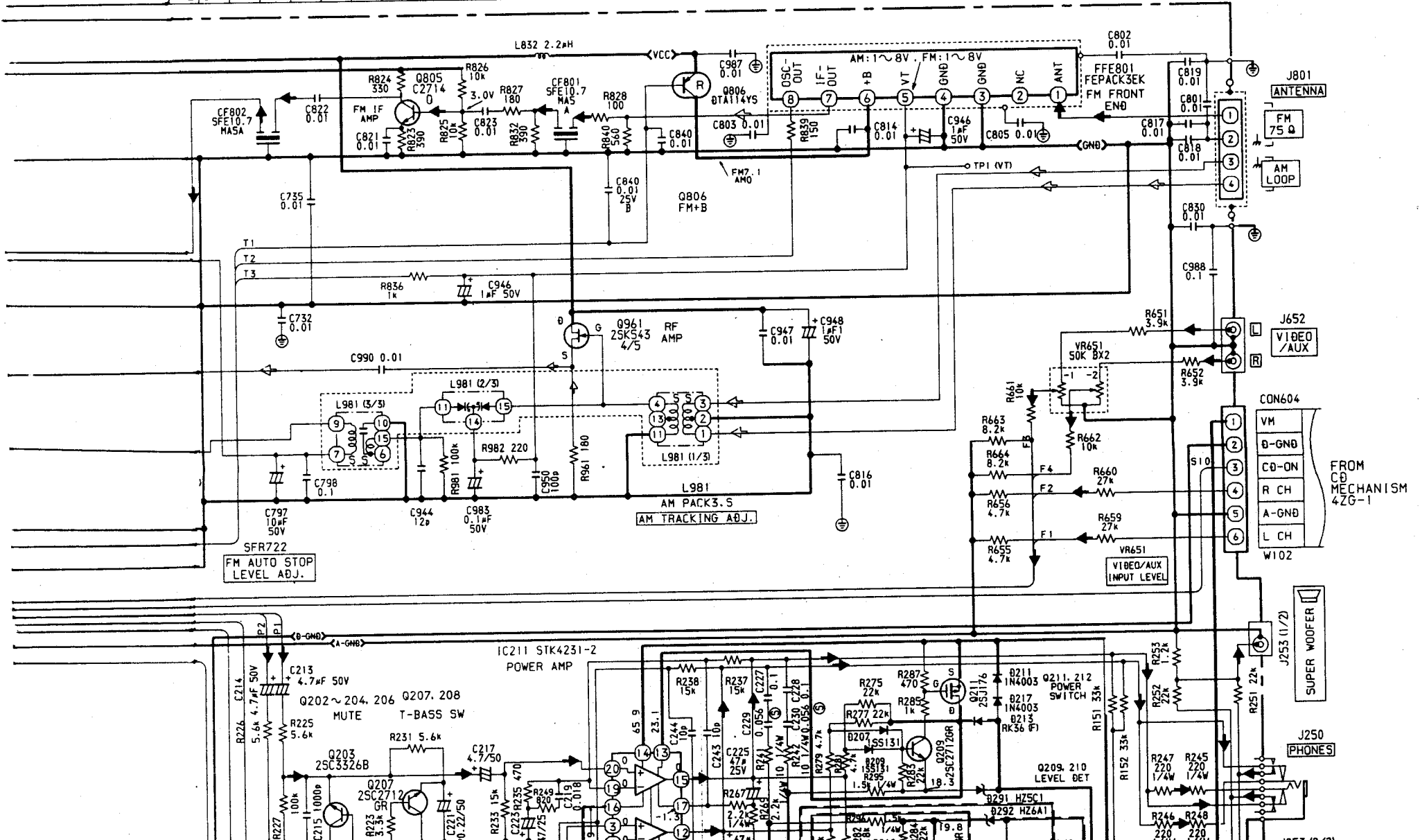


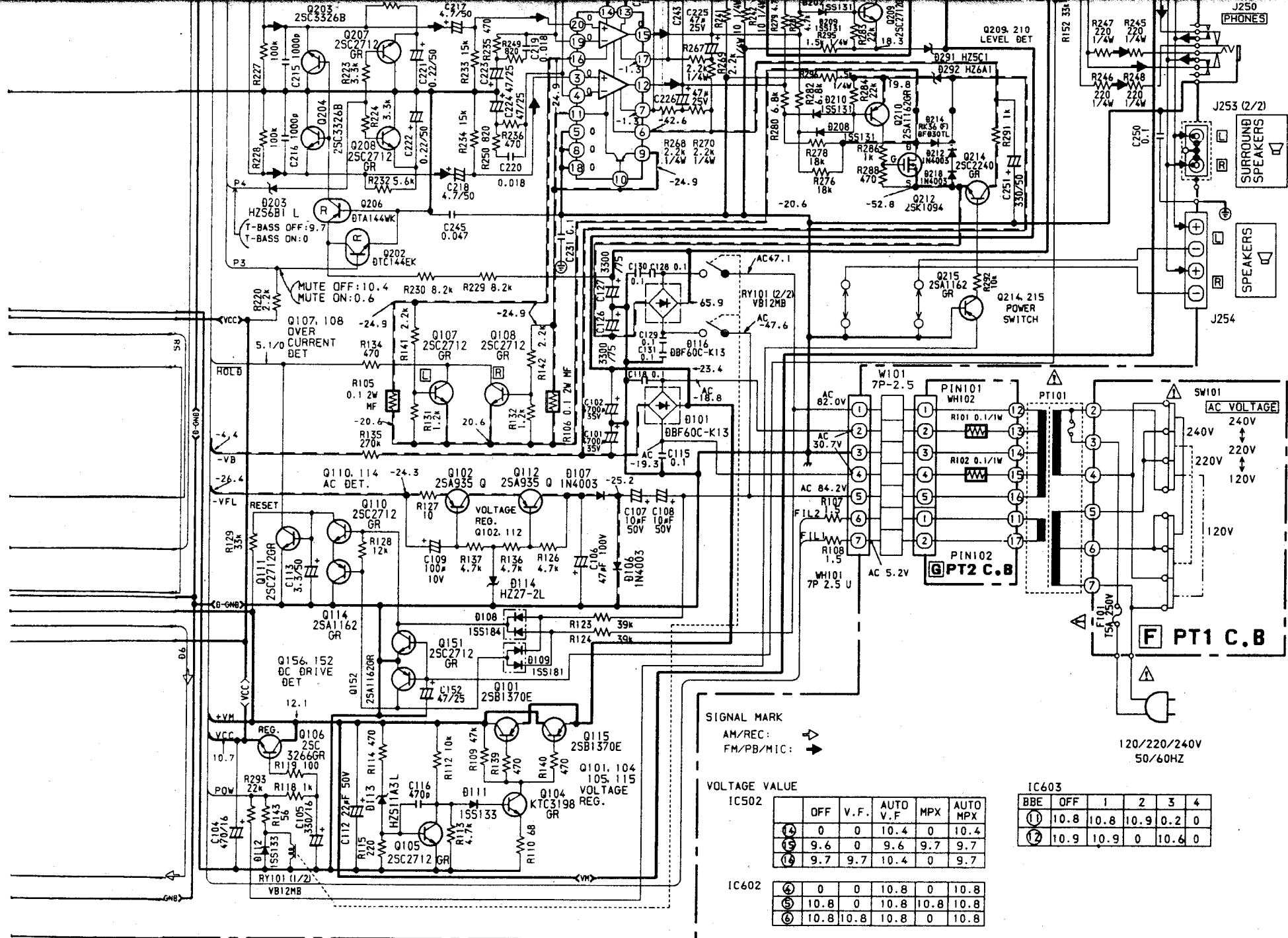


- ① 5.0 (5.0) < 5.0
- ② 5.0 (4.6) < 4.7
- ③ 5.0 (4.8) < 2.8
- (): NORMAL
- < >: C:02

D. GND
0.4 (6.5) < 8.5 >

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6.5	7.0	3.8	3.8	3.8	3.8	3.9	3.9	3.0	2.3	3.2	2.9	0	3.7	3.7	3.8	1.9
4.2	6.0	3.7	3.7	3.7	3.7	3.8	3.8	3.0	1.4	3.3	3.3	0.5	3.7	3.7	3.7	1.5





SIGNAL MARK
 AM/REC: \rightarrow
 FM/PB/MIC: \rightarrow

VOLTAGE VALUE

IC502	OFF	V.F.	AUTO V.F.	MPX	AUTO MPX
⑭	0	0	10.4	0	10.4
⑮	9.6	0	9.6	9.7	9.7
⑯	9.7	9.7	10.4	0	9.7

IC602

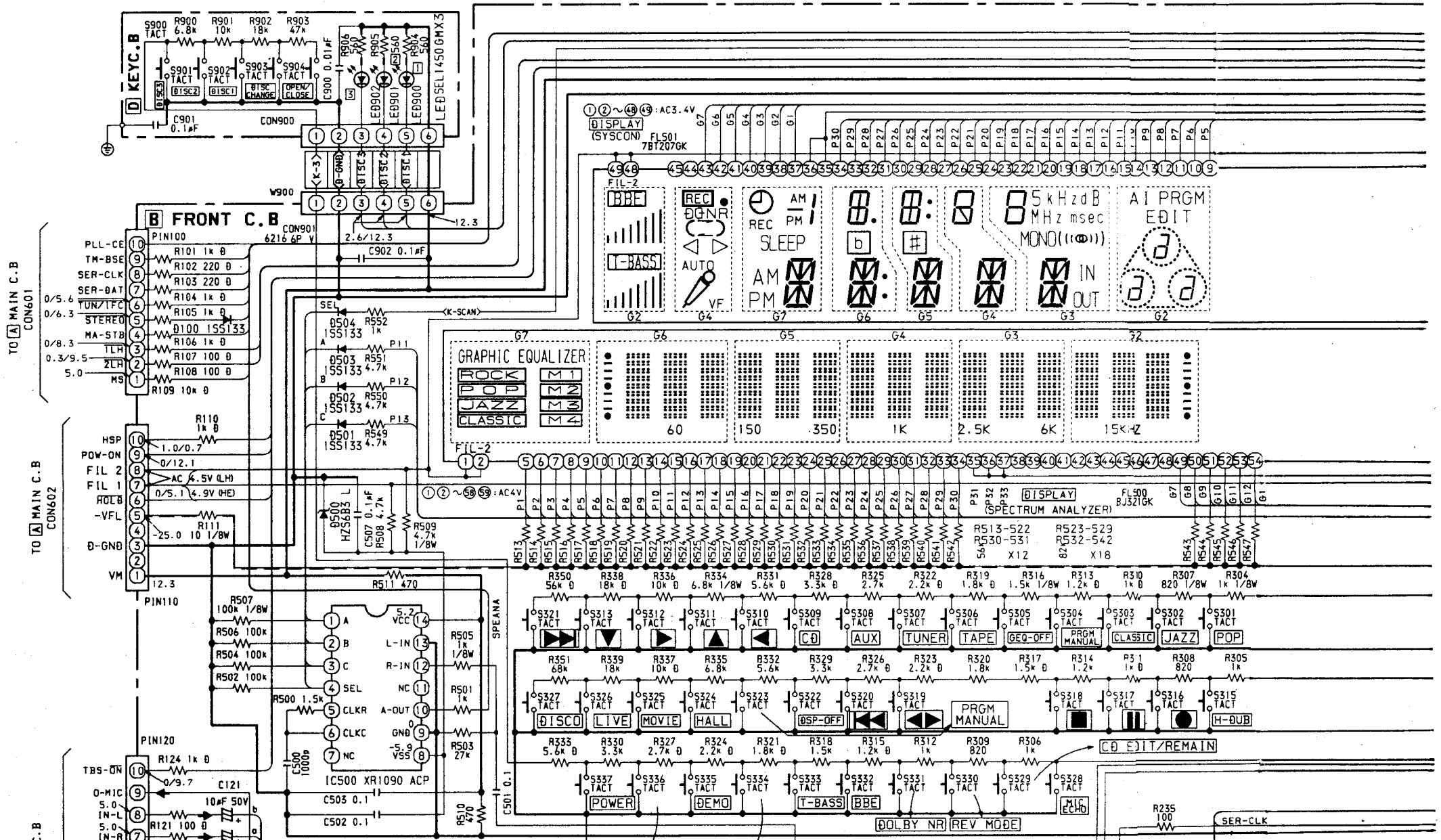
④	0	0	10.8	0	10.8
⑤	10.8	0	10.8	10.8	10.8
⑥	10.8	10.8	10.8	0	10.8

IC603

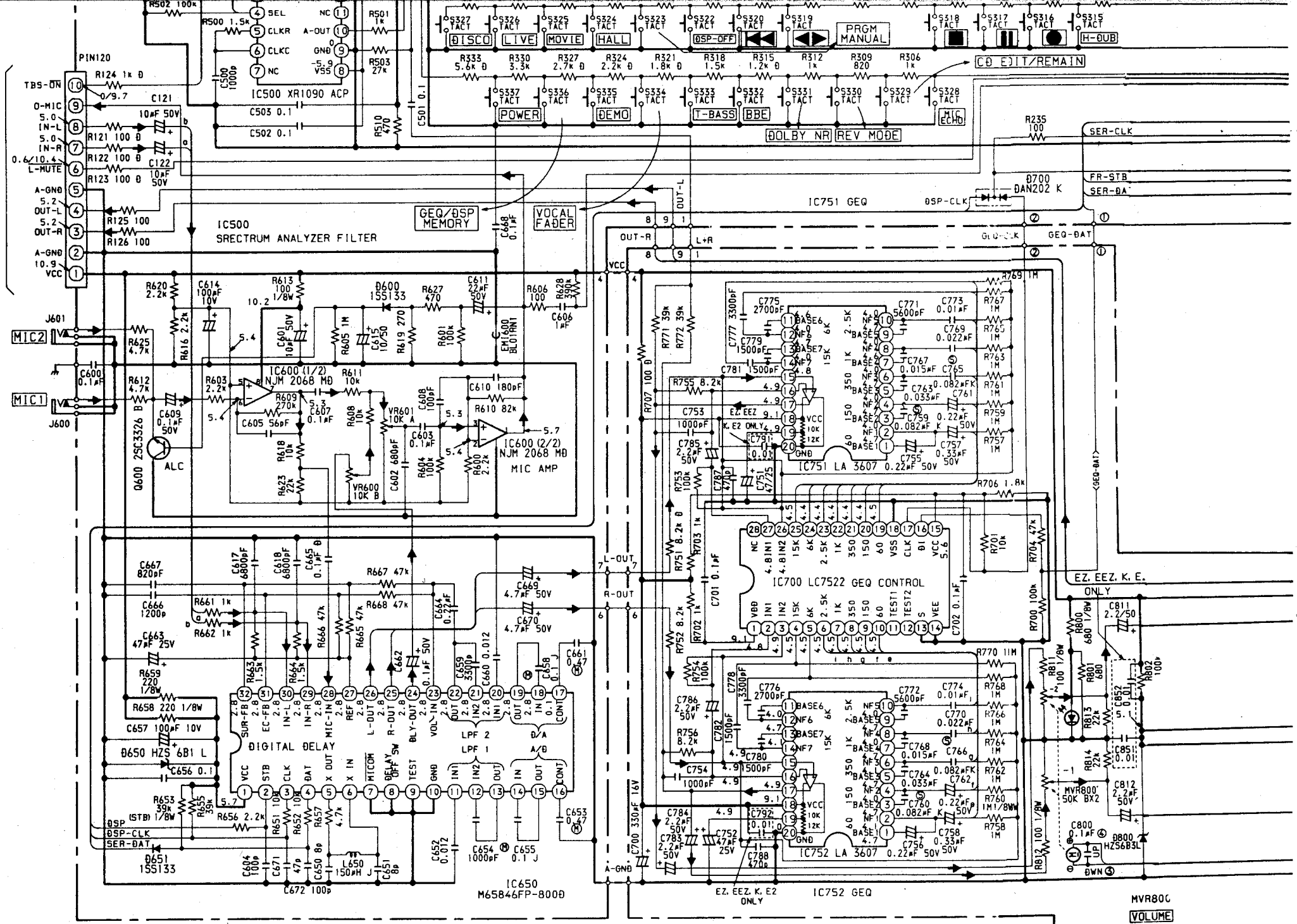
BBE	OFF	1	2	3	4
①	10.8	10.8	10.9	0.2	0
②	10.9	10.9	0	10.6	0

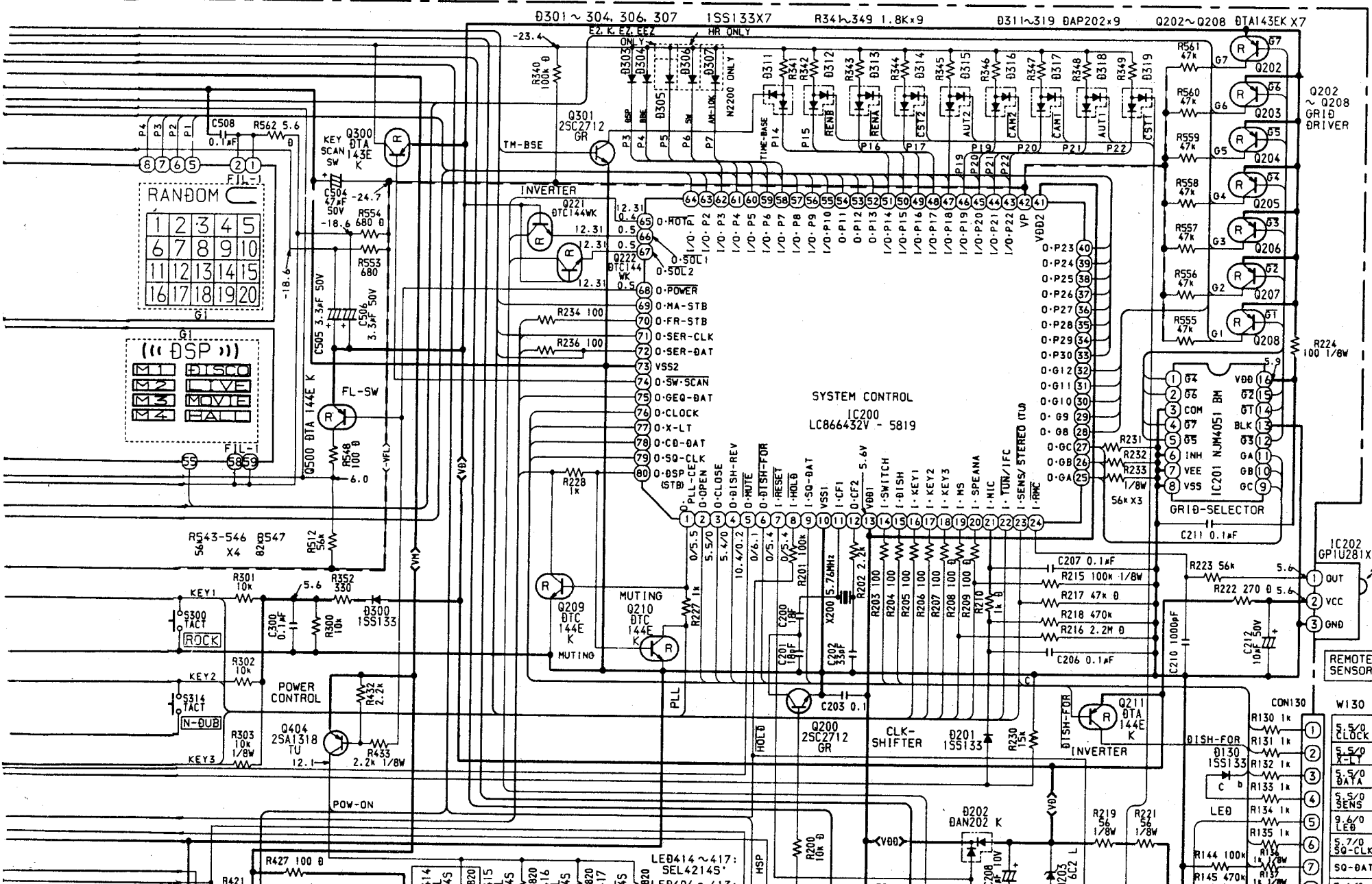
120/220/240V
 50/60HZ

SCHEMATIC DIAGRAM-4 (FRONT)



TO MAIN C.B.
CON603





RANDOM

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

DISP

M1	DISCO
M2	MOVE
M3	MOVIE
M4	PAUSE

SYSTEM CONTROL
IC200
LC866432V - 5819

REMOTE SENSOR

1	5.5V	LOCK
2	5.5V	X-LY
3	5.5V	DATA
4	5.5V	SENS
5	9.6V	LED
6	5.7V	50-CLK
7	5.7V	50-DAT
8	5.6V	

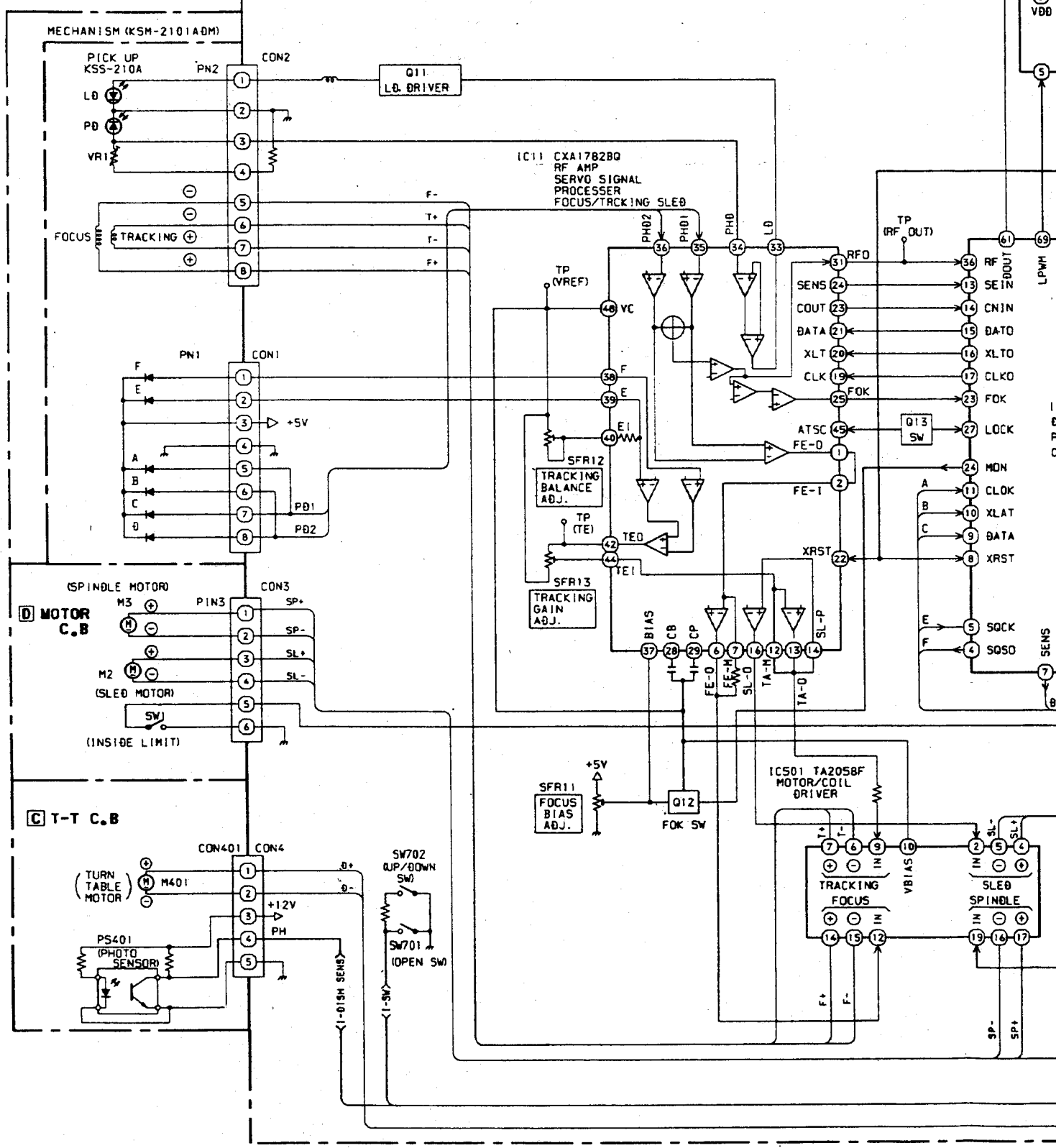
4ZG-1S

BLOCK DIAGRAM

DIGITAL OUT
(OPTICAL)

IC102
GPIF32T

A 3CD C.B



8 ONLY

IC102
GPIF32T

EQ AMP
IC201
NJM4580E

IC801 LC7872E
CB-G SIGNAL
PROCESSOR

IC803
LC32464P
D-RAM

IC802
MN1051XMR
VIDEO AMP

Q501
LED SW
LEB701 LEB702
LEB704 LEB705
LED C.B.

IC101 CX0 25000
DIGITAL SIGNAL
PROCESSOR
CLV/HF PLL SERVO

IC601 TA72915
MOTOR DRIVER
FOR TRAY

Q401~406
TURN TABLE
DRIVE MOTOR

Q301~
Q303
+7.5V REG./SWITCH

IC301
TA78L005AP
REG. 5V

M601
TRAY LOADING
MOTOR

- 1 +12V (+VM)
- 2 0-GND
- 3 CB-ON (+12V:ON)
- 4 R-CH OUT
- 5 A-GND
- 6 L-CH OUT

TO MAIN UN.
MAIN BLOCK

CONS

J801
VIDEO OUT

CON7

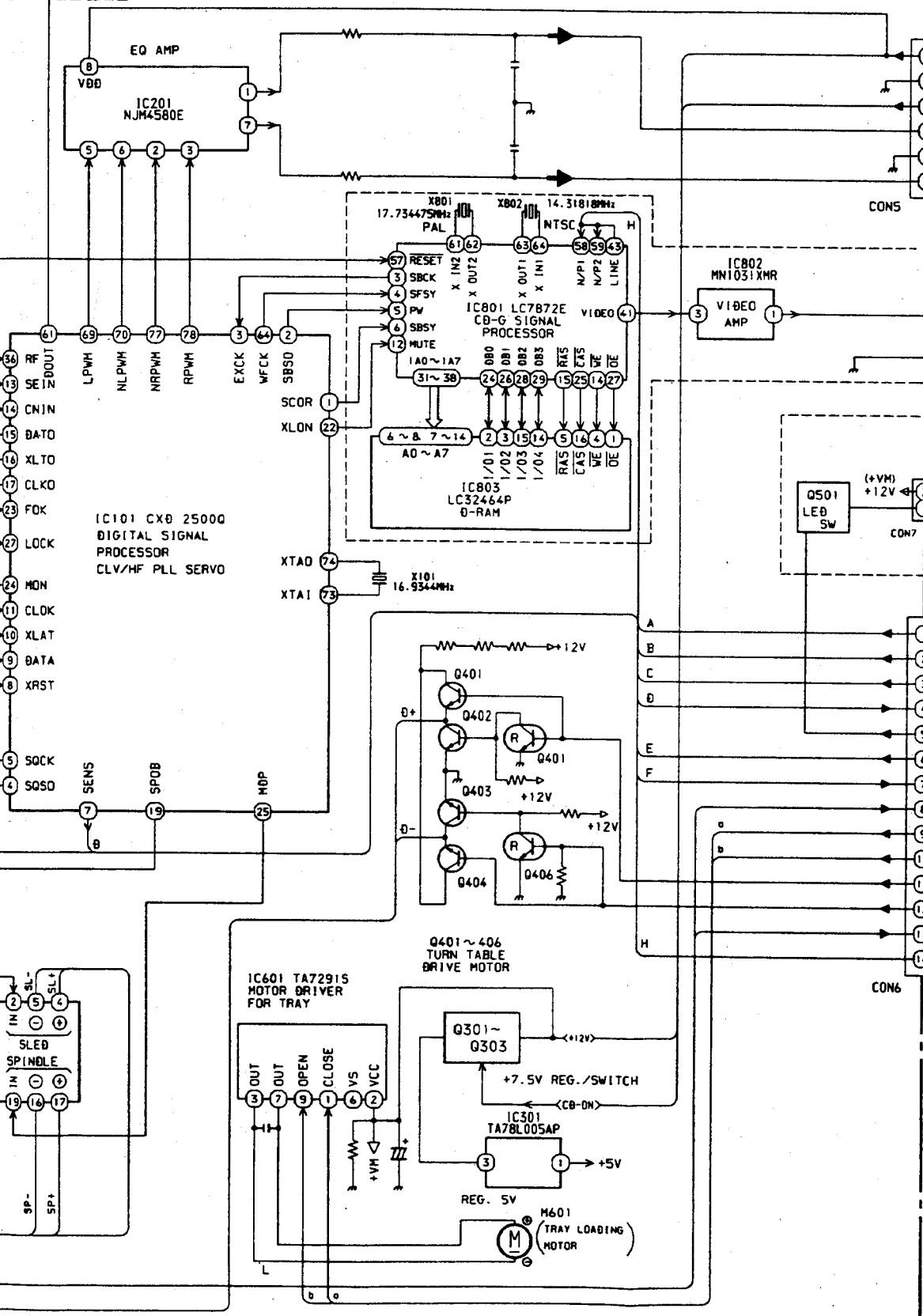
- 1 0-CLK
- 2 0-XLT
- 3 0-DATA
- 4 I-SENS
- 5 0-MUTEC
- 6 0-SOCLK
- 7 I-SQBATA
- 8 I-SW
- 9 0-CLOSE
- 10 0-OPEN
- 11 0-DISH FWD
- 12 0-DISH RVS
- 13 I-DISH SENS
- 14 NTSC/PAL

TO MAIN UNIT
FRONT BLOCK

CON6

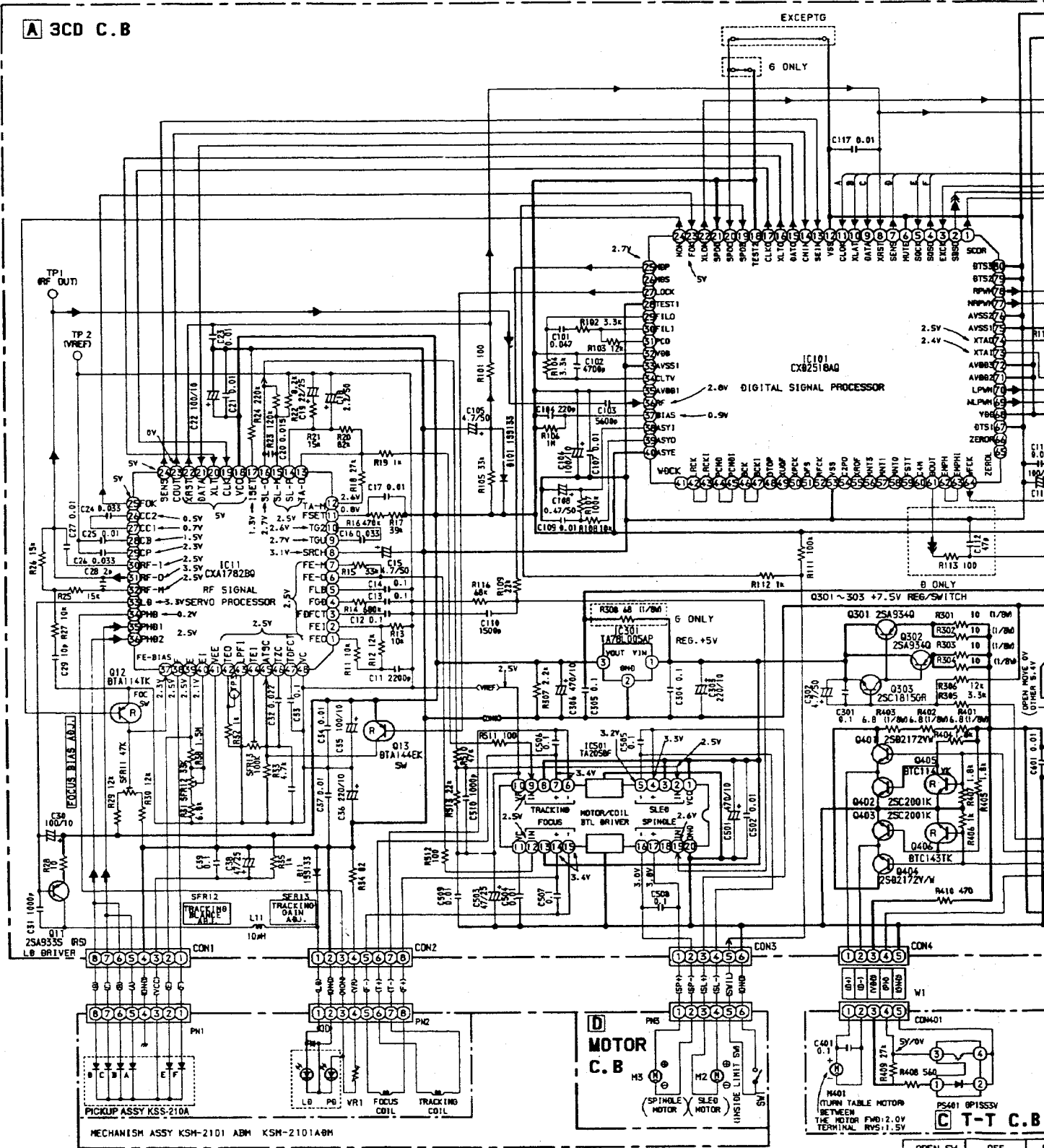
SLED SPINDLE

SP-
SP+



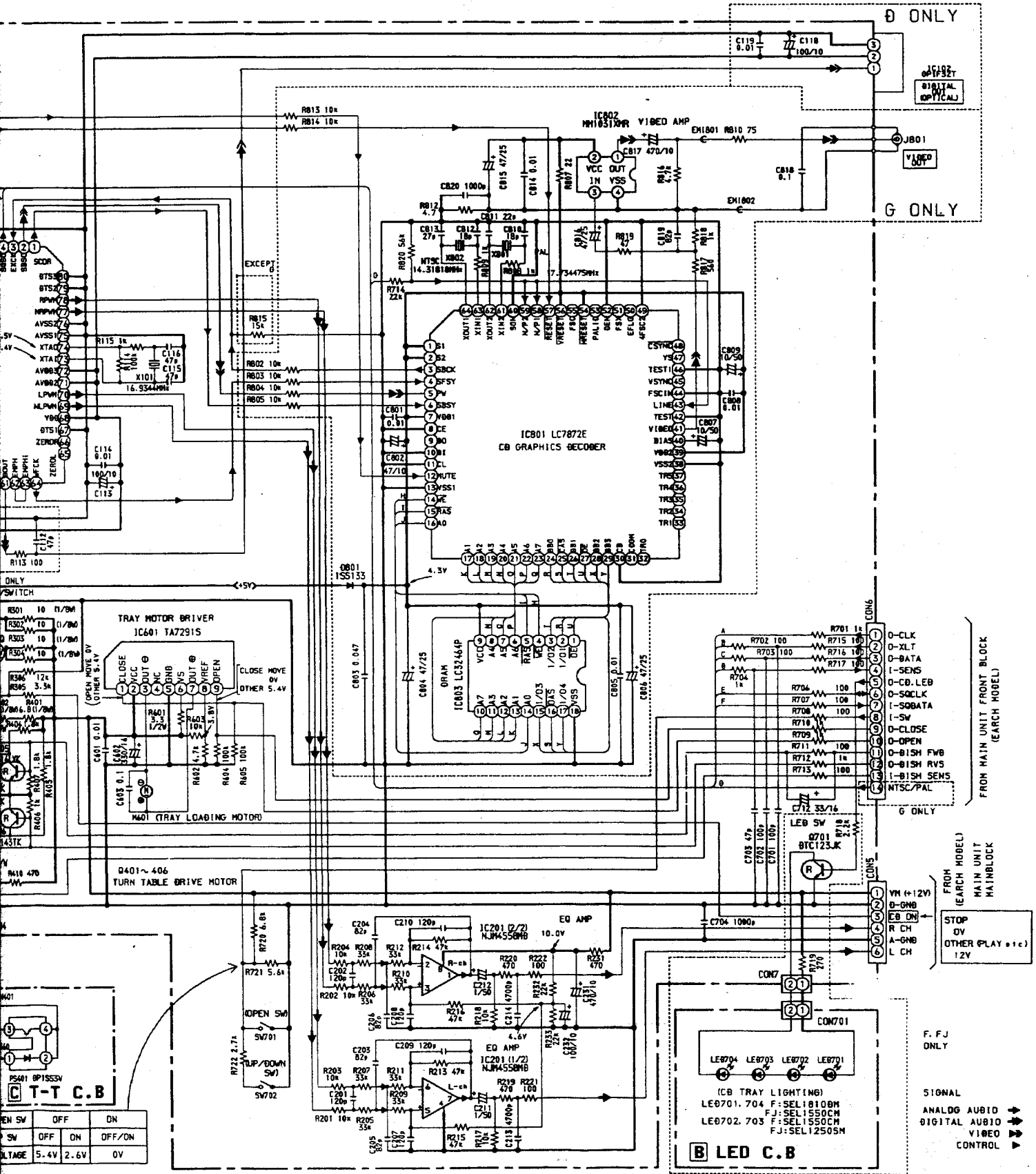
SCHEMATIC DIAGRAM

A 3CD C.B



MECHANISM ASSY KSM-2101 ABM KSM-2101A8M

OPEN SW	OFF	ON	ON
UP SW	OFF	ON	ON
VOLTAGE	5.4V	2.6V	



Ø ONLY

G ONLY

FROM MAIN UNIT FRONT BLOCK
(SEARCH MODEL)

- 1 O-CLK
- 2 O-XLT
- 3 O-BATA
- 4 I-SENS
- 5 O-CB.LEB
- 6 O-SOCLK
- 7 I-SOBATA
- 8 I-SW
- 9 O-CLOSE
- 10 O-OPEN
- 11 O-B1SH FWB
- 12 O-B1SH RVS
- 13 I-B1SH SENS
- 14 NTSC/PAL

FROM (SEARCH MODEL)
MAIN UNIT
MAINBLOCK

- 1 VM (+12V)
- 2 B-GNB
- 3 EB ON
- 4 R CH
- 5 A-GNB
- 6 L CH

STOP
OV
OTHER (PLAY etc.)
12V

F. F.J
ONLY

SIGNAL

- ANALOG AUB10
- DIGITAL AUB10
- VIDEO
- CONTROL

OPEN SW	OFF	ON
CLOSE SW	OFF	ON
UP/DOWN SW	OFF	ON
VOLTAGE	5.4V	2.6V
		0V