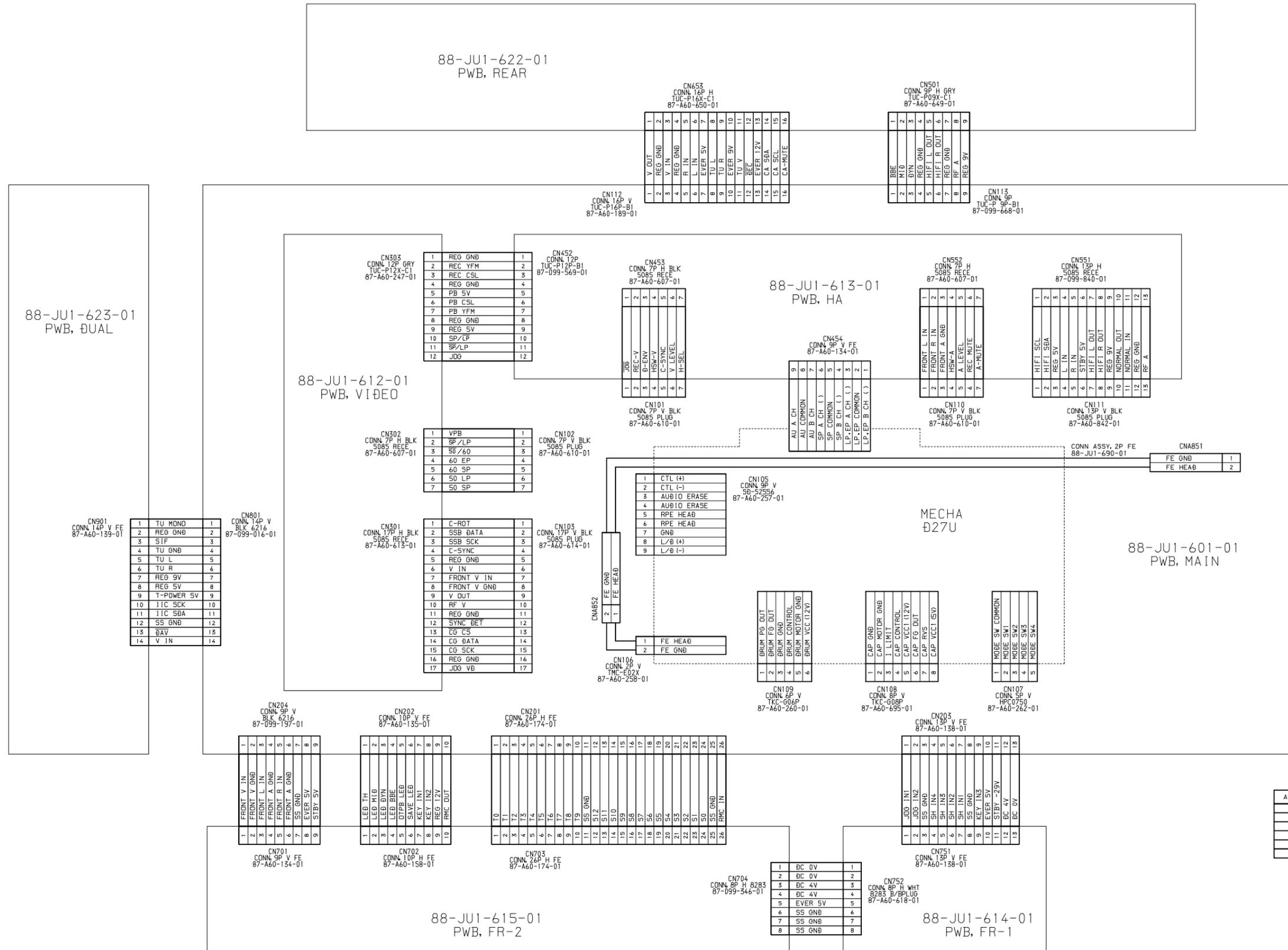


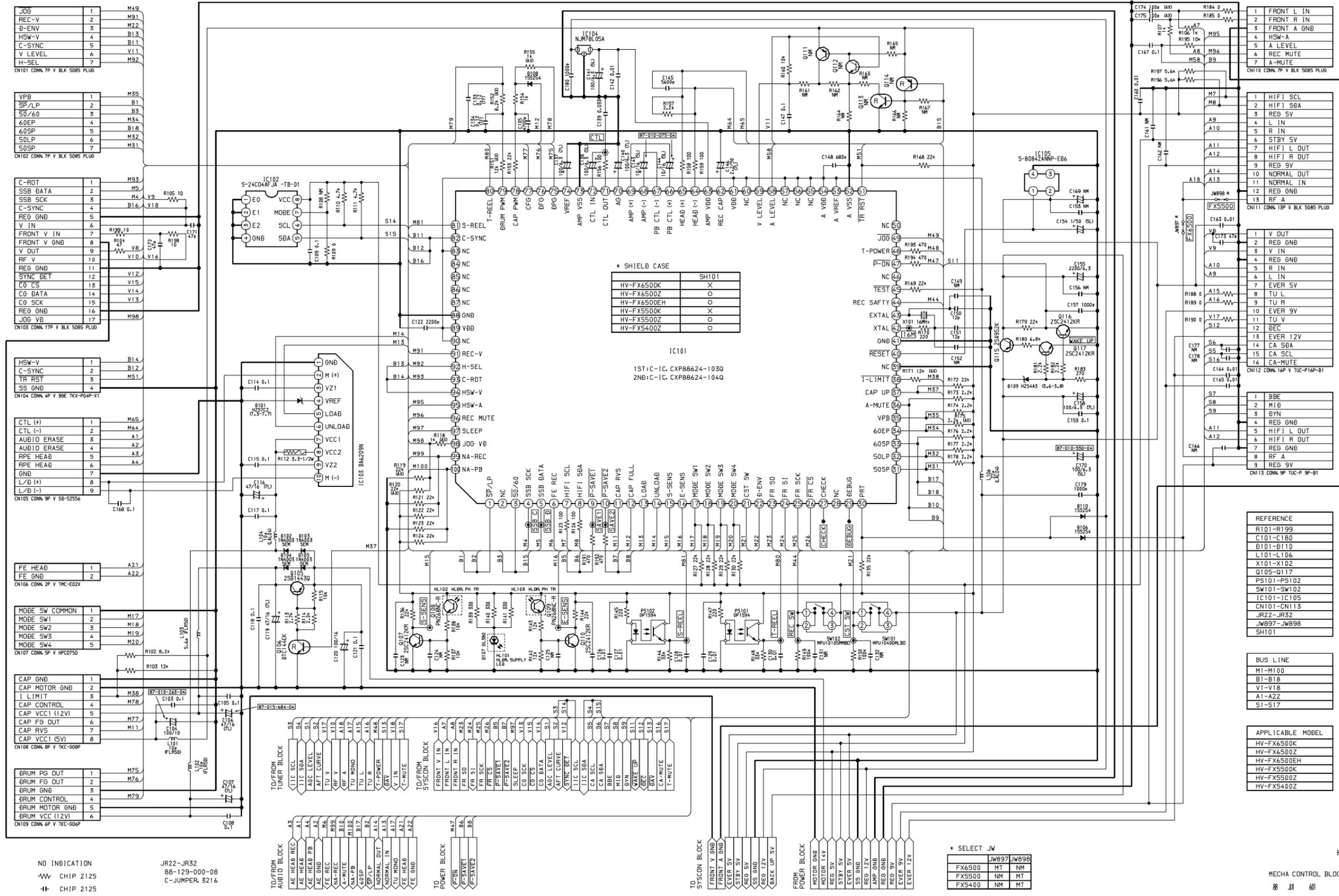
# AIWA HV-FX6500 SCHEMATIC DIAGRAM – 1 (WIRE HARNESS DIAGRAM)



APPLICABLE MODEL	
HV-FX6500 K	
HV-FX6500 Z	
HV-FX6500 EH	
HV-FX5500 K	
HV-FX5500 Z	
HV-FX5400 Z	

HIMIZAKI  
HARNESS

SCHEMATIC DIAGRAM - 2 (SERVO SECTION)



REFERENCE

- R101-R199
- C101-C180
- B101-B110
- L101-L106
- X101-X102
- Q105-Q117
- PS101-PS102
- SW101-SW102
- IC101-IC105
- CN101-CN113
- JR22-JR32
- JW697-JW698
- SH101

BUS LINE

- M1-M100
- B1-B18
- V1-V18
- A1-A22
- S1-S17

APPLICABLE MODEL

- HV-FX6500K
- HV-FX6500Z
- HV-FX6500EH
- HV-FX5500K
- HV-FX5500Z
- HV-FX5400Z

\* SELECT JW

	JW697	JW698
FX6500	MT	NM
FX5500	NM	MT
FX5400	NM	MT

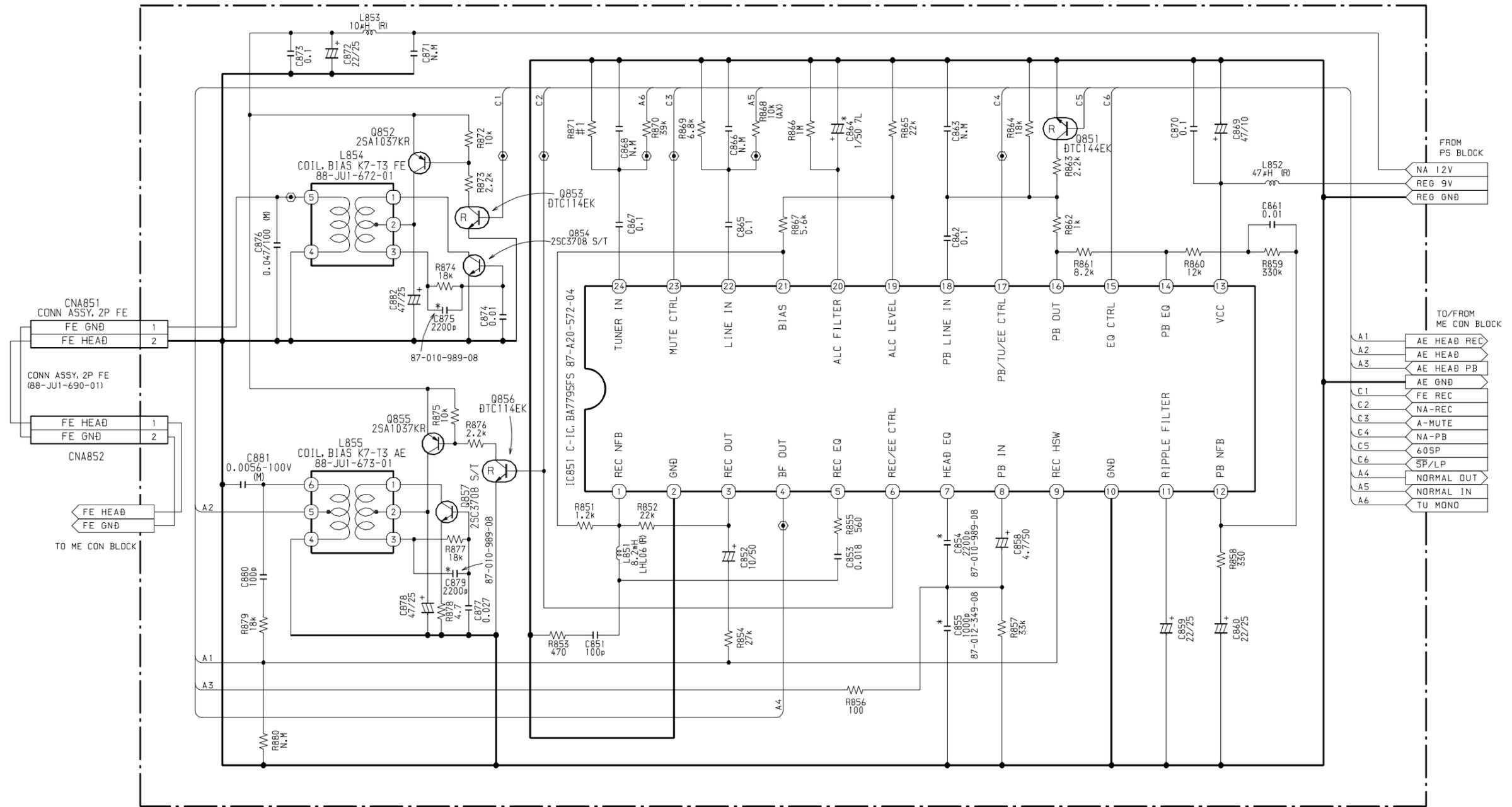
MECHA CONTROL BLOCK  
88 JUN 80

NO INDICATION  
-W- CHIP 2125  
-H- CHIP 2125

JR22-JR32  
88-129-000-08  
C-JUMPER, 3216

SCHEMATIC DIAGRAM - 3 (AUDIO SECTION)

PWB, MAIN (AUDIO BLOCK)



#1 (R871)

	K	Z	EH
HV-FX6500	2.7K	4.7K	4.7K
HV-FX5500	2.7K	4.7K	—
HV-FX5400	—	4.7K	—

REFERENCE

R851 ~ R880
C851 ~ C882
L851 ~ L855
Q851 ~ Q857
IC851
CNA851 ~ CNA852

- W— C-RES. (1/10W)
- W<sub>(AX)</sub> RES. (1/8W)
- +  $\square$  CAP. E SME TYPE
- +  $\square$ \* CAP. E SME TYPE (2.5mm PICH)
- +  $\square$  C-CAP.
- +  $\square$ \* C-CAP. CH TYPE
- +  $\square$  CAP. M TYPE
- +  $\square$  COIL, FLR50 TYPE
- +  $\square$  CHECK RAND  $\phi$  1.5

APPLICABLE MODEL

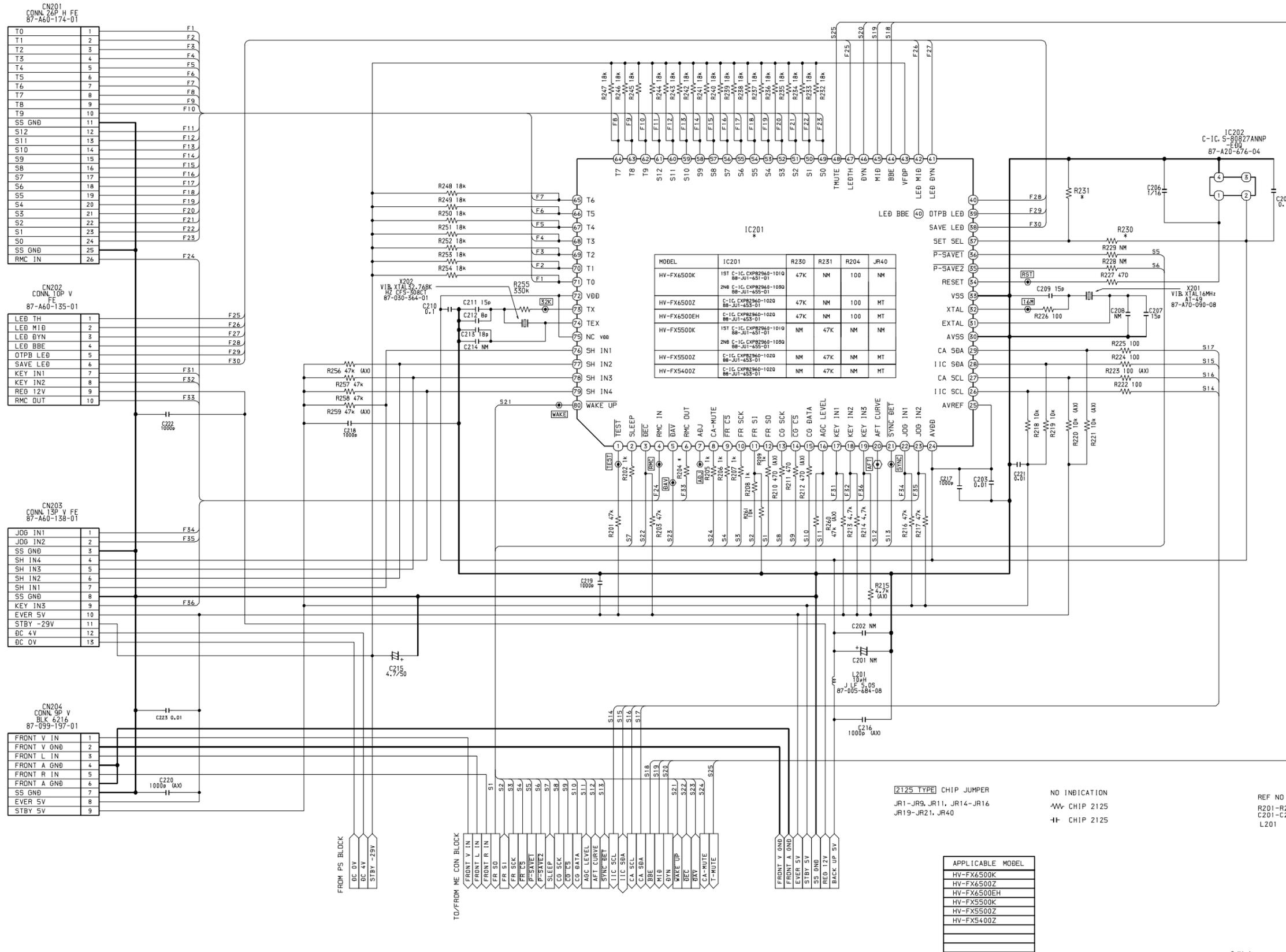
HV-FX6500K
HV-FX6500Z
HV-FX6500EH
HV-FX5500K
HV-FX5500Z
HV-FX5400Z

中田中田  
AUDIO

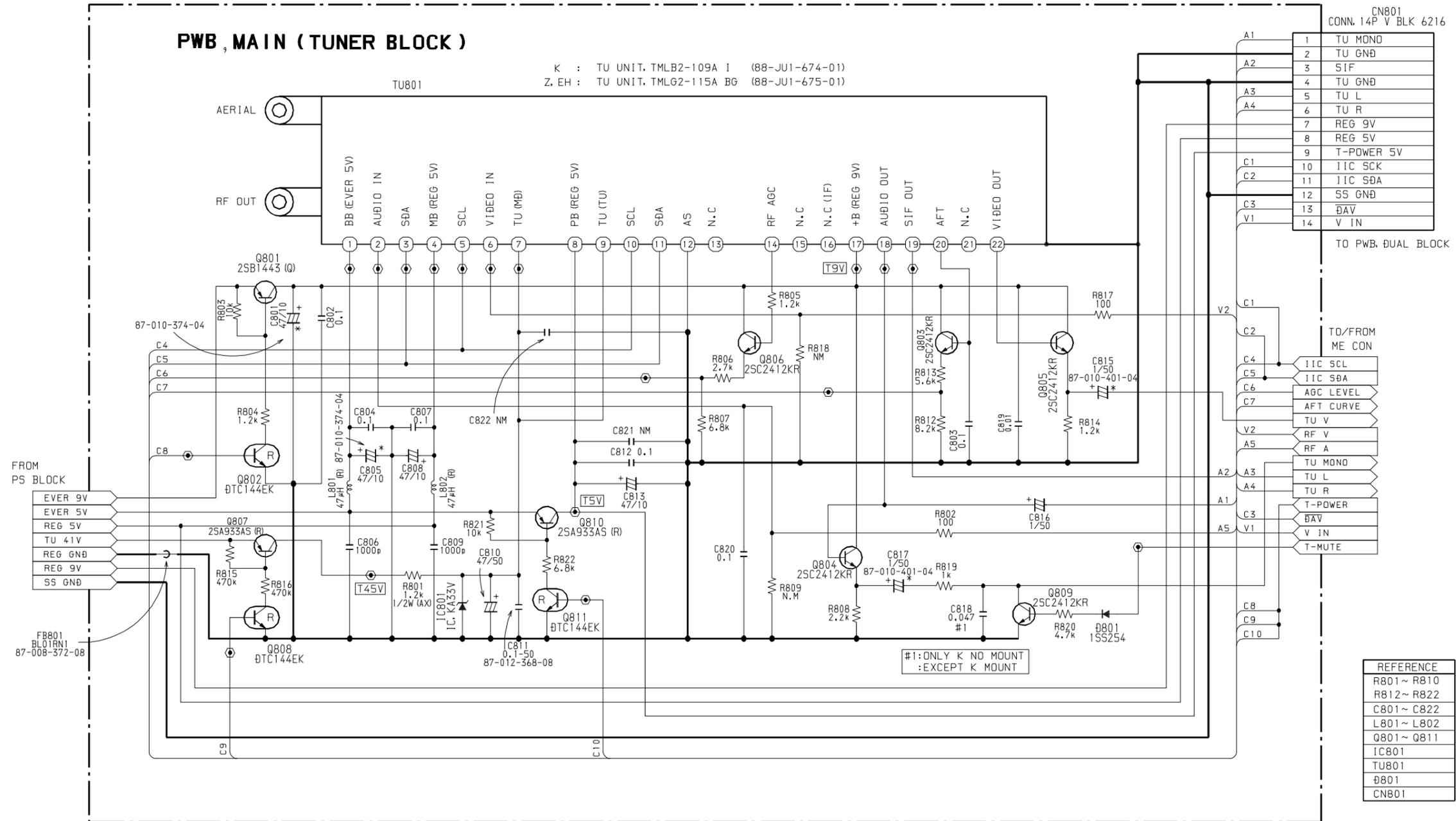
88 JUL 601



SCHEMATIC DIAGRAM – 5 (SYSCON SECTION)



SCHEMATIC DIAGRAM - 6 (TUNER SECTION)



- W- C-RES. (1/10W)
- W<sub>(AX)</sub> RES. (1/8W)
- +≡ CAP, E SME TYPE
- +≡\* CAP, E SME TYPE (2.5mm PITCH)
- H- C-CAP.
- C-TR, 2SC2412KR
- C-TR, φTC144EK
- COIL, FLR50 TYPE
- CHECK RAND φ1.5

APPLICABLE MODEL	
HV-FX6500K	
HV-FX6500Z	
HV-FX6500EH	
HV-FX5500K	
HV-FX5500Z	
HV-FX5400Z	

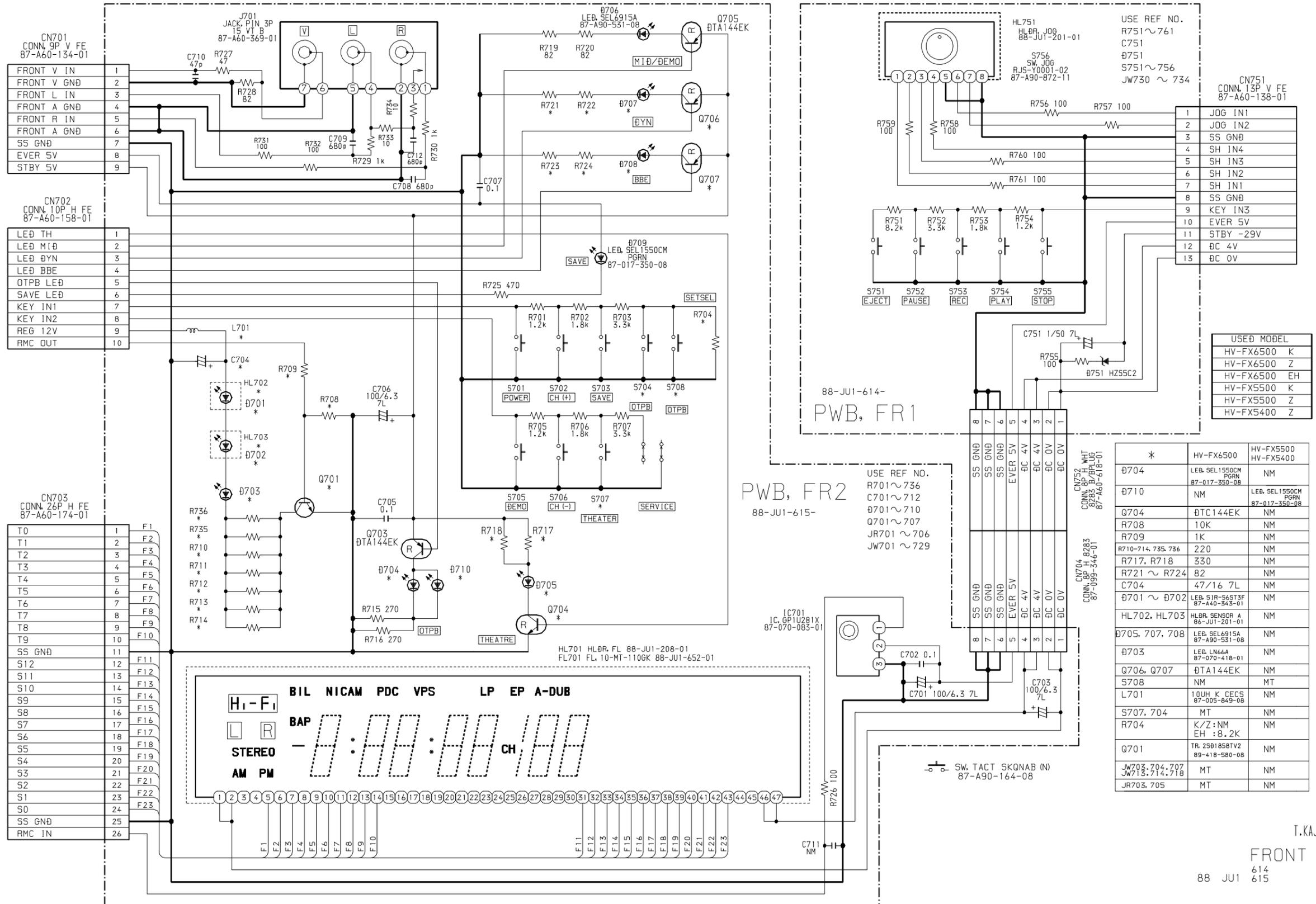
中田中田  
TUNER

88 JU1 601

8JU-1

HV-FX6500

SCHEMATIC DIAGRAM - 7 (FRONT SECTION)



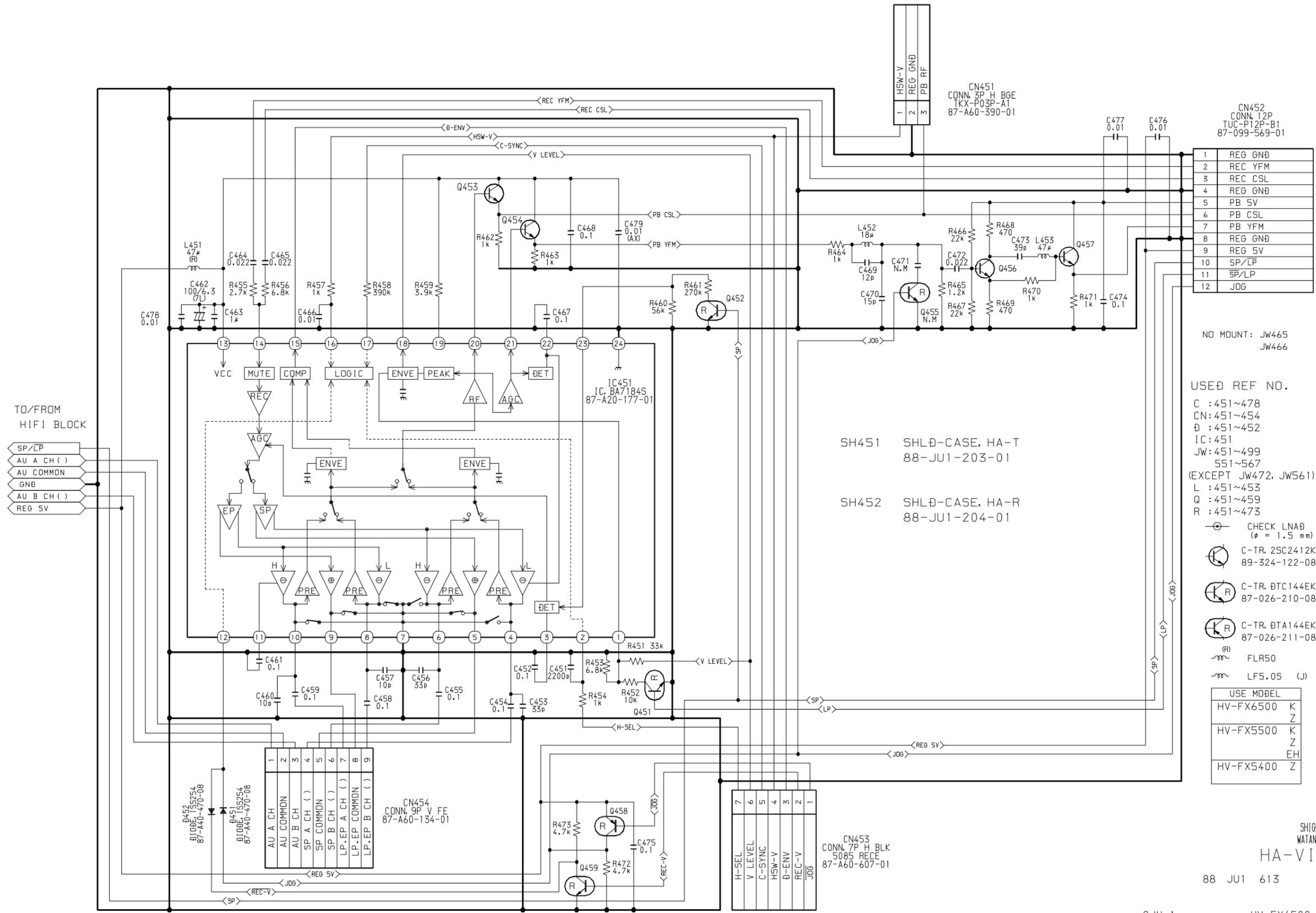
PWB, FR2  
88-JU1-615-

PWB, FR1  
88-JU1-614-

* REF. NO.	HV-FX6500	HV-FX5500
DL704	LED, SEL1550CM PGRN 87-017-350-08	NM
DL710	NM	LED, SEL1550CM PGRN 87-017-350-08
Q704	DTA144EK	NM
R708	10K	NM
R709	1K	NM
R710~714, 735, 736	220	NM
R717, R718	330	NM
R721 ~ R724	82	NM
C704	47/16 7L	NM
DL701 ~ DL702	LED, S1R-569T3F 87-A40-543-01	NM
HL702, HL703	HLDR, SENSOR A 86-JU1-201-01	NM
DL705, 707, 708	LED, SEL6915A 87-A90-531-08	NM
DL703	LED, LN66A 87-070-418-01	NM
Q706, Q707	DTA144EK	NM
S708	NM	MT
L701	10UH, K, CECS 87-005-849-08	NM
S707, 704	MT	NM
R704	K/Z:NM EH : 8.2K	NM
Q701	TR, 25B1858TV2 89-418-580-08	NM
JW703, 704, 707 JW713, 714, 718	MT	NM
JR703, 705	MT	NM

T.KAJI  
FRONT  
614  
88 JU1 615

SCHEMATIC DIAGRAM - 8 (HEAD AMP SECTION)



1	REG GND
2	REC YFM
3	REC CSL
4	REG GND
5	PB 5V
6	PB CSL
7	PB YFM
8	REG GND
9	REG 5V
10	SP/LP
11	SP/LP
12	JOG

NO MOUNT: JW465  
JW466

USED REF NO.  
C : 451~478  
CN: 451~454  
D : 451~452  
IC: 451  
JW: 451~499  
551~567  
(EXCEPT JW472, JW561)  
L : 451~453  
Q : 451~459  
R : 451~473

- ⊕ CHECK LNAΦ (φ = 1.5 mm)
- ⊕ C-TR. 2SC2412KR 89-324-122-08
- ⊕ C-TR. DTC144EK 87-026-210-08
- ⊕ C-TR. DTA144EK 87-026-211-08
- ⊕ FLR50
- ⊕ LFS.05 (J)

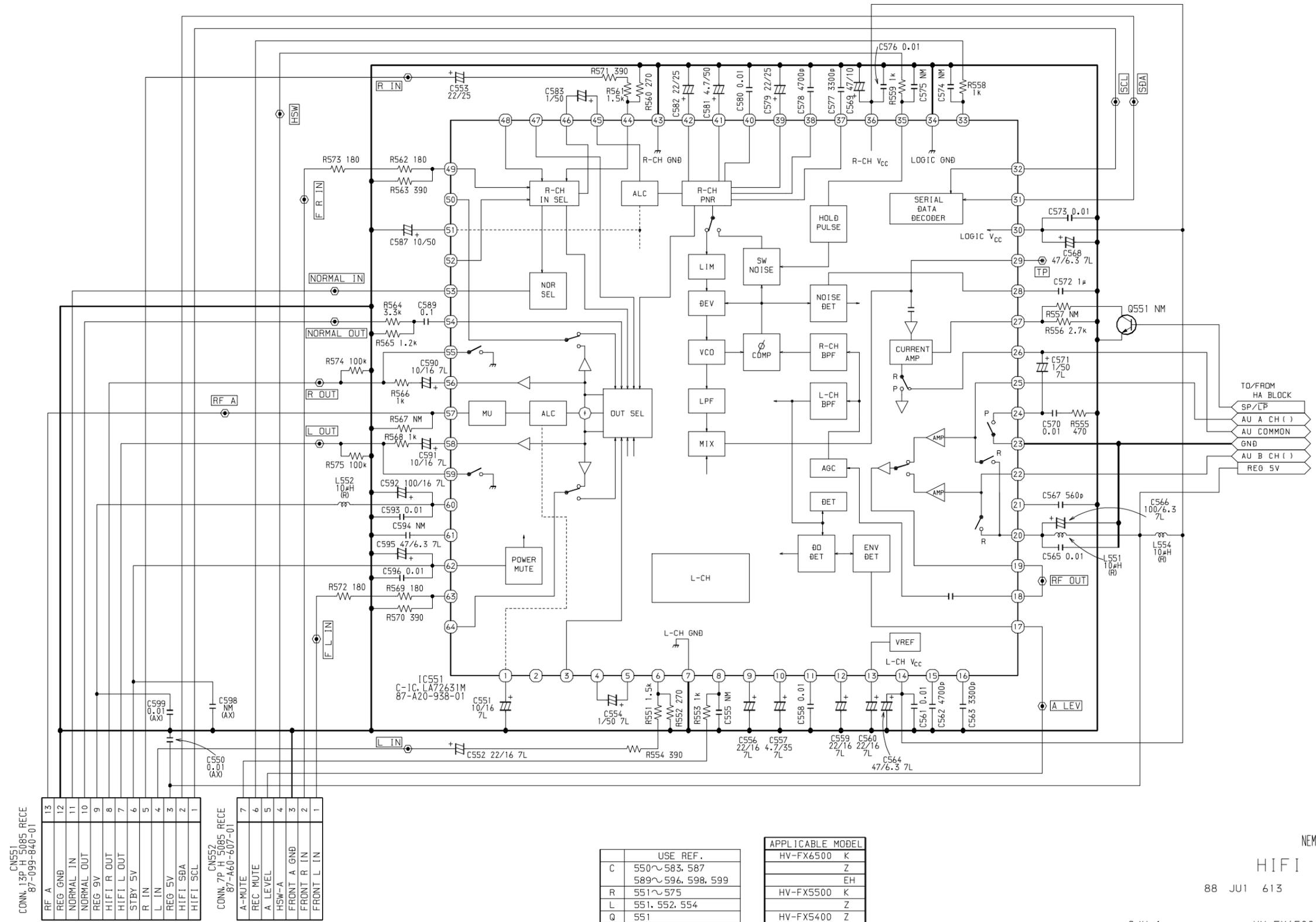
USE MODEL	
HV-FX6500	K
	Z
HV-FX5500	K
	Z
	EH
HV-FX5400	Z

SHIGEKI  
WATANABE  
HA-VI  
88 JUN 613

8JU-1/2/3, HA-VI

8JU-1 HV-FX6500

SCHEMATIC DIAGRAM - 9 (HI-FI SECTION)

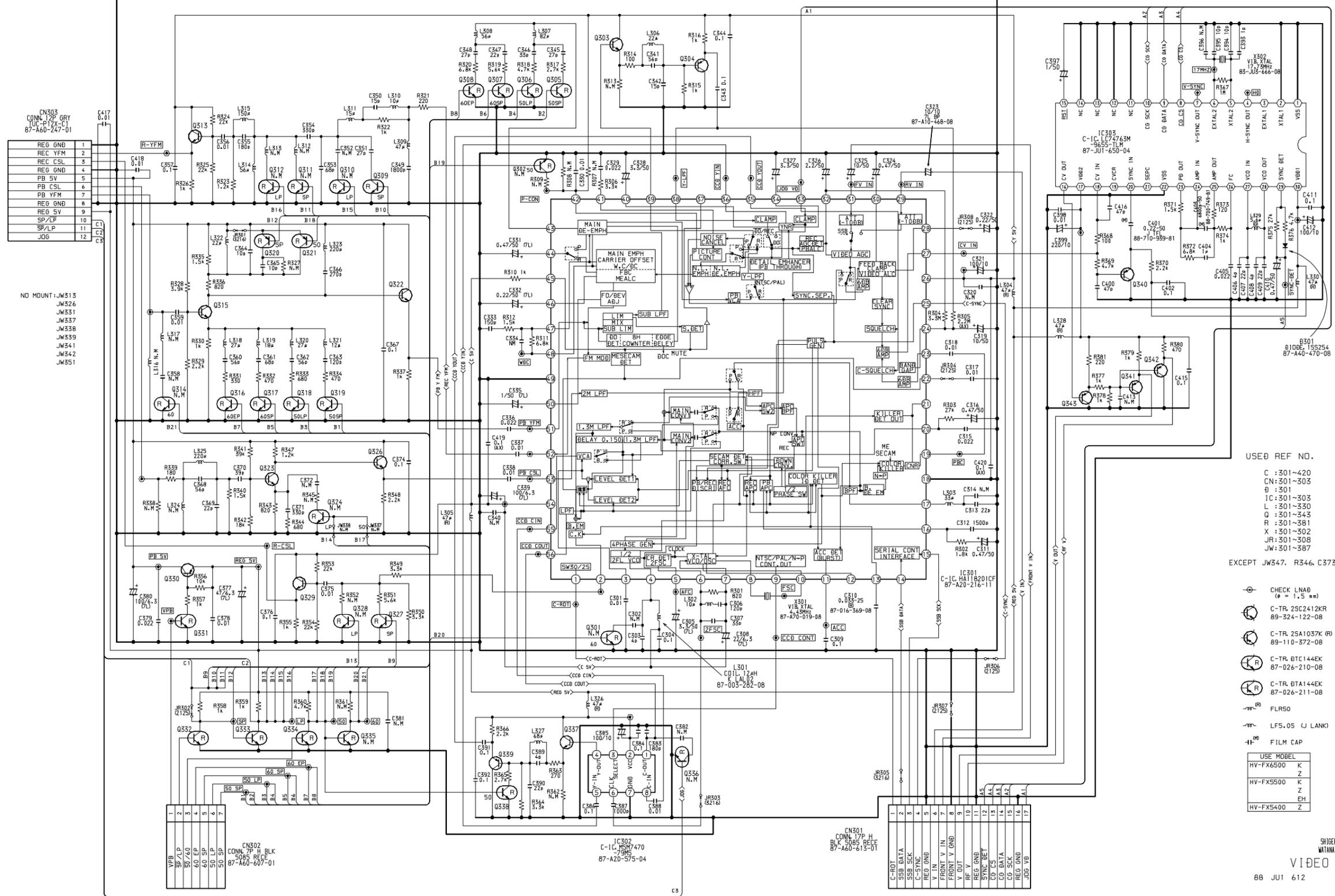


B-8JU-1HIFI

8JU-1

NEMOTO  
HIFI  
88 JU1 613  
HV-FX6500

SCHEMATIC DIAGRAM - 10 (VIDEO SECTION)



CN305  
CONN 17P GRY  
UC-P12X-C1  
87-A60-247-01

REG GND	1
REC YFM	2
REG CSL	3
REG SV	4
PB SV	5
PB CSL	6
PB YFM	7
REG GND	8
REG SV	9
SP/LP	10
SP/LP	11
JOG	12

NO MOUNT: JW313  
JW526  
JW531  
JW537  
JW538  
JW539  
JW541  
JW542  
JW551

CN302  
CONN 7P H BLK  
5085 RECE  
87-A60-607-01

1	2	3	4	5	6	7
VPB	SP/LP	SP/LP	SP/LP	SP/LP	SP/LP	SP/LP

IC302  
C-1C, NSM7470  
87-A20-575-04

CN301  
CONN 17P H  
BLK 5085 RECE  
87-A60-613-01

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
C-ROT	SSB DATA	SSB SEK	C-SYNC	REC GND	REC IN	FRONT V IN	FRONT V GND	V OUT	RF V	REG GND	SYNC BEY	C0 CS	C0 DATA	CG SCK	REC GND	JOG VB

USED REF NO.

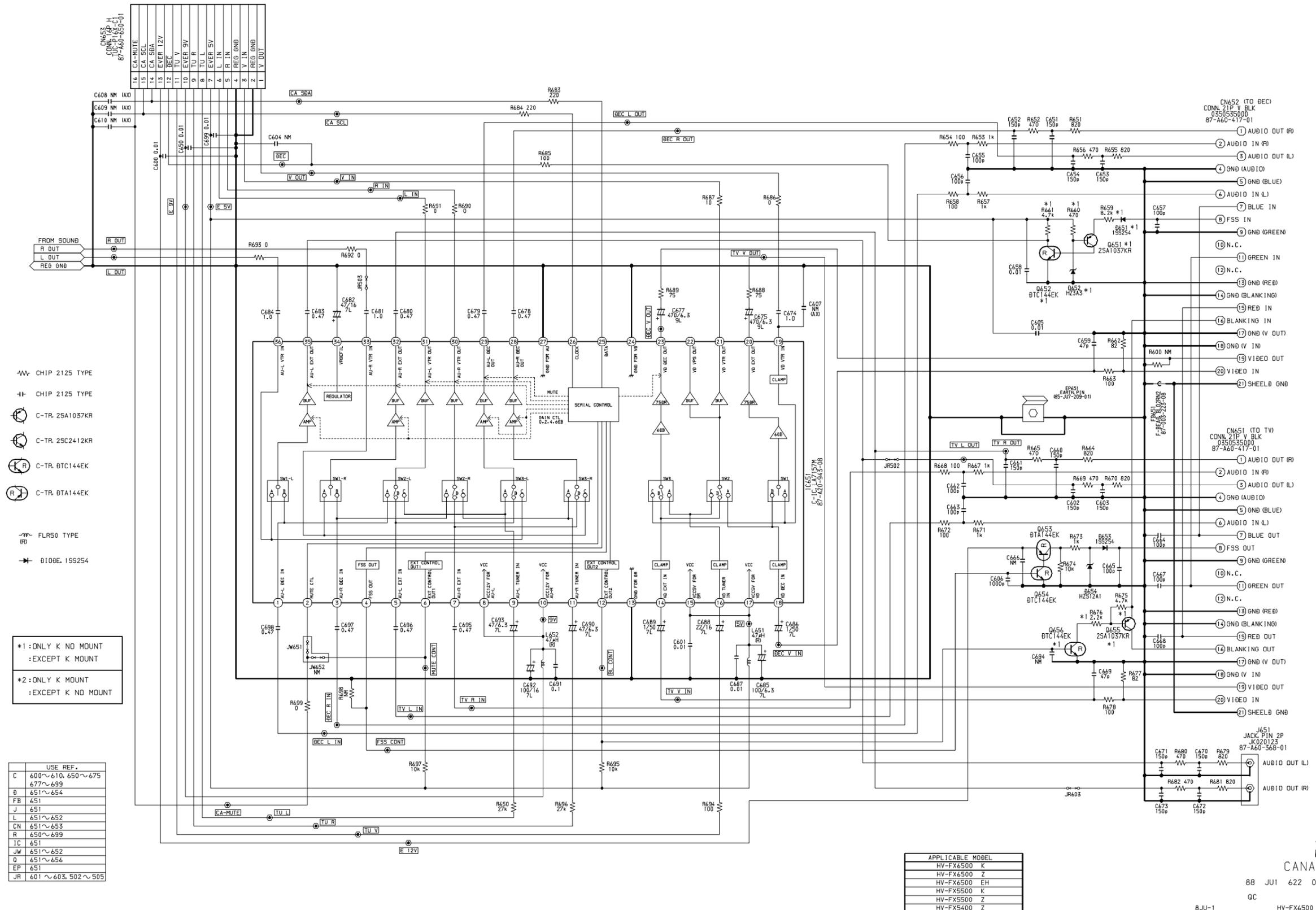
C : 301-420  
CN: 301-303  
Ø : 301  
IC: 301-303  
L : 301-330  
Q : 301-343  
R : 301-381  
X : 301-502  
JR: 301-308  
JW: 301-587

EXCEPT JW547, R346, C373

- ⊙ CHECK L.M.B. (φ = 1.5 mm)
  - ⊙ C-TR, 25C2412KR 89-324-122-08
  - ⊙ C-TR, 25A1037K (R) 89-110-572-08
  - ⊙ C-TR, 0T144EK 87-026-210-08
  - ⊙ C-TR, 0T144EK 87-026-211-08
  - ⊙ FLR50
  - ⊙ LF5.05 (J LANK)
  - ⊙ FILM CAP
- | USE MODEL |   |
|-----------|---|
| HV-FX6500 | K |
| HV-FX5500 | Z |
| HV-FX5400 | Z |

SHIGEKI  
MITANRE  
VIDEO  
88 JUN 612

# SCHEMATIC DIAGRAM – 11 (CANAL SECTION)



- W— CHIP 2125 TYPE
- H— CHIP 2125 TYPE
- ⊖ C-TR. 2SA1037KR
- ⊖ C-TR. 2SC2412KR
- ⊖ C-TR. 8TC144EK
- ⊖ C-TR. 8TA144EK
- FLR50 TYPE
- D10BE. 1SS254

\*1: ONLY K NO MOUNT  
: EXCEPT K MOUNT

\*2: ONLY K MOUNT  
: EXCEPT K NO MOUNT

	USE REF.
C	600~610, 650~675 677~699
D	651~654
FB	651
J	651
L	651~652
CN	651~653
R	650~699
IC	651
JW	651~652
O	651~656
EP	651
JR	601~603, 502~505

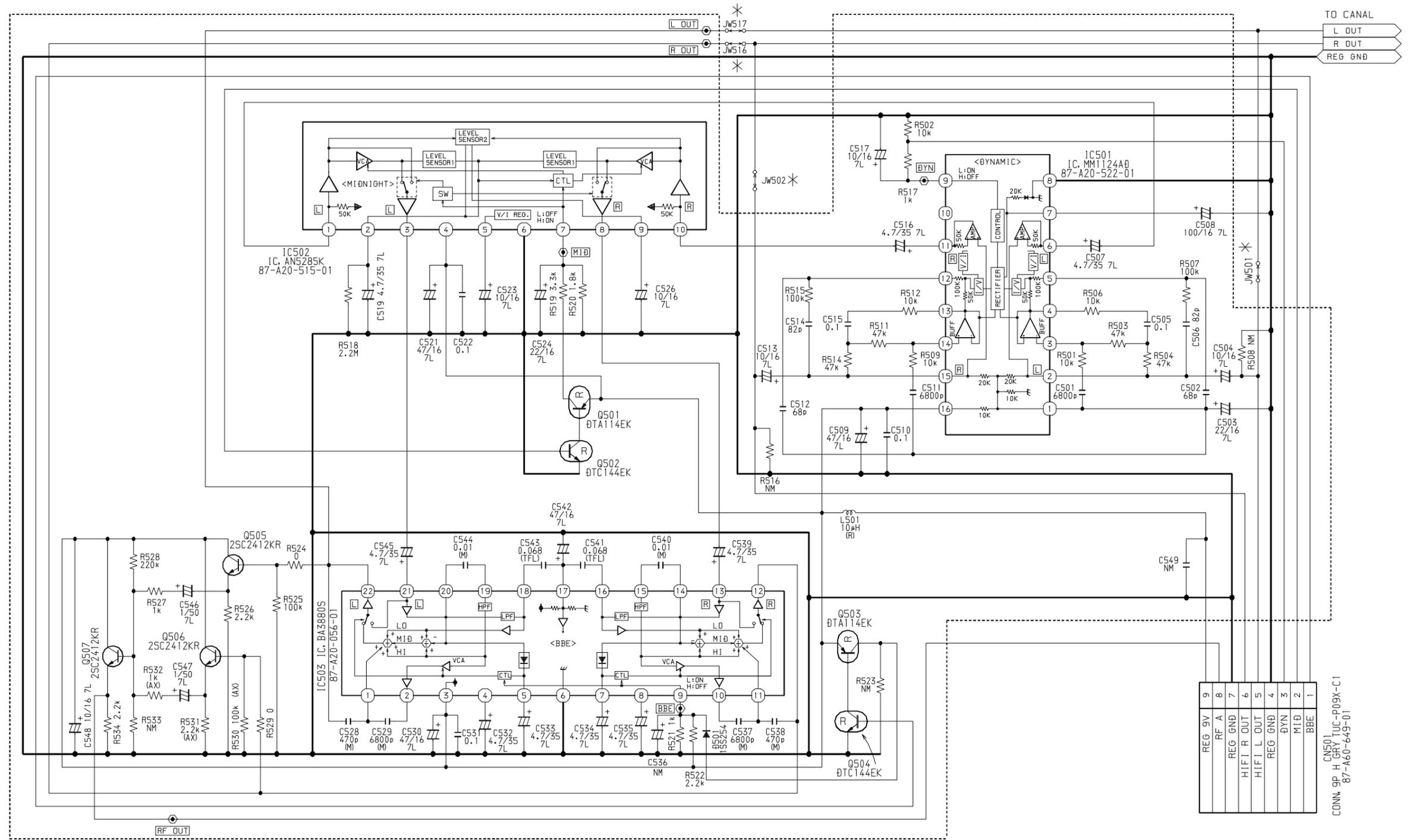
APPLICABLE MODEL	
HV-FX4500	K
HV-FX4500	Z
HV-FX4500	EH
HV-FX5500	K
HV-FX5500	Z
HV-FX5400	Z

B-BJU-1CA

TAKISHI  
WINNAGE  
CANAL  
88 JUL 622 01  
QC  
BJU-1 HV-FX6500



SCHEMATIC DIAGRAM – 13 (SOUND EFFECT SECTION)



HV-FX6500 ONLY MT

* SELECT JUMPER		
	JW501	JW516
	JW502	JW517
HV-FX6500	NM	MT
HV-FX5500		
HV-FX5400	MT	NM

USE REF.		
C	501~504, 506~509	
	511, 512	514~548
R	501~548	
Q	501~507	

APPLICABLE MODEL	
HV-FX6500	K
	Z
	EH
HV-FX5500	K
	Z
HV-FX5400	Z

NEMOTO  
EFFECT  
88 JU1 622