Service Manual

Pioneer

ORDER NO.
RRV2337

AUDIO/VIDEO MULTI-CHANNEL AMPLIFIER

VSA-E08

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model	Power Requirement	The voltage can be converted by the following method.
	VSA-E08		
HY	○	AC220-230V	AC240V, ✻
HV	○	AC230V	AC240V, ✻

✻ : Alter the wiring of the Power-supply block at the primary winding of Power-transformer referring to the "Line Voltage Selection" described in Service Manual.

● This service manual should be used together with the following manual(s):

Model No.	Order No.	Remarks
VSX-39TX/KU/CA	RRV2295	

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1. CONTRAST OF MISCELLANEOUS PARTS

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *Reference Nos. indicate the pages and Nos. in the service manual for the base model.*
- *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 → 56 x 10^1 → 561 ..... RD1/4PU 5 6 1 J
47k → 47 x 10^3 → 473 ..... RD1/4PU 4 7 3 J
0.5 → R50 ..... RN2H R 5 0 K
1 → 1R0 ..... RS1P 1 R 0 K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k → 562 x 10^1 → 5621 ..... RN1/4PC 5 6 2 1 F

■ CONTRAST TABLE

VSA-E08/HY, HV and VSX-39TX/KU/CA are constructed the same except for the following :

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-39TX /KU/CA	VSA-E08 /HY	VSA-E08 /HV	
		PCB ASSEMBLIES				
	NSP	MAIN ASSY	AWK7640	AWK7644	AWK7644	
P5- 5		├─ MAIN CONTROL ASSY	AWX7705	AWX7709	AWX7709	
P5-12		└─ VIDEO ASSY	AWX7307	AWX7676	AWX7676	
	NSP	COMPLEX ASSY	AWK7497	AWK7509	AWK7556	
P5- 2		├─ EXTERNAL IN (EXTRA-5.1) ASSY	AWX7314	AWX7348	AWX7348	
P5- 3		├─ A-PINJACK ASSY	AWX7312	AWX7346	AWX7346	
P5- 4		├─ CONNECTION ASSY	AWX7313	AWX7558	AWX7558	
P5- 9		├─ REGULATOR ASSY	AWX7310	AWX7559	AWX7559	
P5-11		├─ TRANS 2-2 ASSY	AWX7366	AWX7470	AWX7470	
P5-15		└─ PRIMARY ASSY	AWX7311	AWX7345	AWX7454	
	NSP	FRONT/VAMP ASSY	AWK7667	AWK7659	AWK7659	
P5-19		├─ V-AMP ASSY	AWX7729	AWX7730	AWX7730	
P9- 2		├─ DISPLAY ASSY	AWX7698	AWX7701	AWX7701	
		└─ P- SW ASSY	Not used	AWX7330	AWX7330	No. 1
	NSP	POWER/CURRENT ASSY	AWK7650	AWK7634	AWK7634	
P5- 8		└─ SP / PS ASSY	AWX7658	AWX7690	AWX7690	
		PACKING SECTION				
P3- 1		AM Loop Antenna	ATB7009	Not used	Not used	
P3- 2		FM Wire Antenna	ADH7007	Not used	Not used	
P3- 3		Operating Instructions (English)	ARB7230	ARB7233	ARB7233	
P3- 3		Operating Instructions (German)	Not used	ARC7307	Not used	
P3- 3		Operating Instructions (French)	Not used	ARC7308	Not used	
P3- 3		Operating Instructions (Italian)	Not used	ARC7309	Not used	
P3- 3		Operating Instructions (Dutch)	Not used	ARC7310	Not used	
P3- 3		Operating Instructions (Swedish)	Not used	ARC7311	Not used	
P3- 3		Operating Instructions (Spanish)	Not used	ARC7312	Not used	
P3- 4		Remote Control Unit (39)	AXD7254	Not used	Not used	
P3- 4		Remote Control Unit (E08)	Not used	AXD7255	AXD7255	* 1
P3- 7		Front Pad	AHA7255	AHA7253	AHA7253	
P3- 8		Rear Pad	AHA7256	AHA7254	AHA7254	
P3- 9		Packing Case	AHD7882	AHD7886	AHD7886	
P3-12	NSP	Warranty Card	ARY1026	ARY7022	ARY7022	
P3-13		Spacer 29	AHB7033	Not used	Not used	
P3-13		Spacer 26	Not used	AHB7032	AHB7032	

*1 : Refer to “4. REMOTE CONTROL UNIT”.

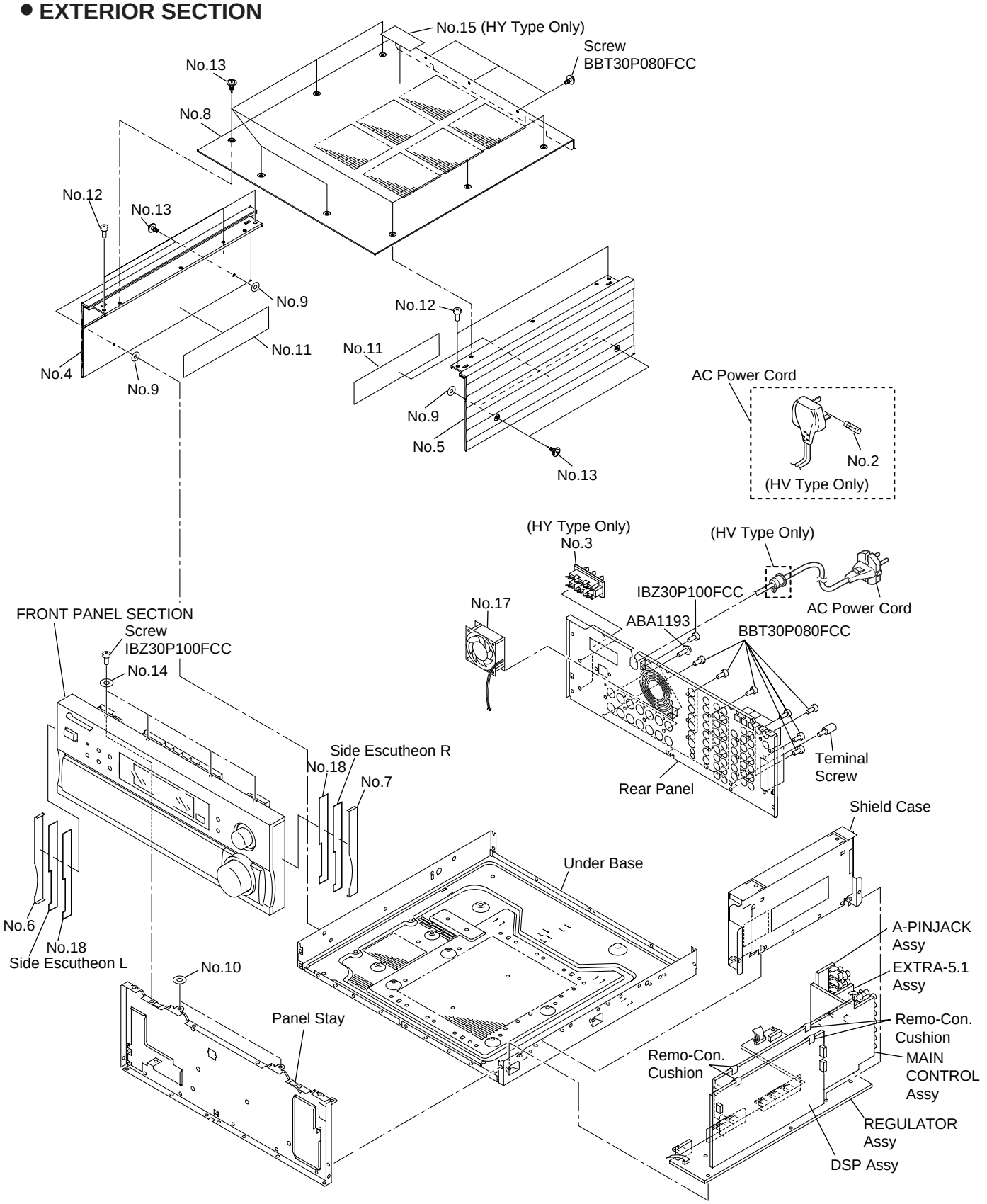
Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-39TX /KU/CA	VSA-E08 /HY	VSA-E08 /HV	
		EXTERIOR SECTION				
P5-20	⚠	AC Power Cord	ADG7028	ADG7029	VDG1063	
P5-21	⚠	Power Transformer	ATS7252	ATS7253	ATS7253	
P5-22		FM/AM TUNER Unit	AXX7046	Not used	Not used	
P5-23	⚠	Fuse (FU1:)	VEK1029 (10A)	AEK-514 (T4A)	AEK-514 (T4A)	
P5-24	⚠	Fuse (FU4 , FU5)	REK1079 (2.5A)	AEK-511 (T2.0A)	AEK-511 (T2.0A)	
P5-26		AC Cord Spacer	ANG1153	ANG1153	Not used	
P5-26		Cord Stopper	Not used	Not used	CM-22B	
P5-27		Bonnet Case	AZN7790	AZN7809	AZN7809	
P5-37		Assy Holder	ANG7322	ANG7324	ANG7324	
P5-39		Card Spacer	AEC7133	Not used	Not used	
P5-54		Rear Panel	ANC7945	ANC7950	ANC7949	
P5-56		Shield Board L	AMS7013	Not used	Not used	
P5-57		Shield Board R	AMS7014	Not used	Not used	
P5-58		Side Escutheon L	AAK7635	AAK7639	AAK7639	
P5-59		Side Escutheon R	AAK7636	AAK7640	AAK7640	
P5-73		Screw	ABA1086	FBT40P080FZK	FBT40P080FZK	
	⚠	Fuse (T5A)	Not used	Not used	PEK1003	No. 2
	⚠	AC Socket 3P	Not used	AKP-502	Not used	No. 3
		Side Panel L D10	Not used	AAH7021	AAH7021	No. 4
		Side Panel R D10	Not used	AAH7022	AAH7022	No. 5
		Side Plate L D10	Not used	AAH7048	AAH7048	No. 6
		Side Plate R D10	Not used	AAH7049	AAH7049	No. 7
		Top Plate Assy E07	Not used	AAH7062	AAH7062	No. 8
		Washer S	Not used	ABE7006	ABE7006	No. 9
		Washer (Teflon)	Not used	AEC7279	AEC7279	No. 10
	NSP	Side Panel Sheet	Not used	AMR7284	AMR7284	No. 11
		Screw	Not used	BBT30P060FZK	BBT30P060FZK	No. 12
		SH Screw	Not used	PBA1049	PBA1049	No. 13
		Fiber Washer	Not used	REC1204	REC1204	No. 14
		Caution Label	Not used	ARW7036	Not used	No. 15
		Fuse Holder	Not used	Not used	VKR1003	No. 16
	⚠	Fan Motor	Not used	AXM7012	AXM7012	No. 17
		Side Sheet D10	Not used	AEC7230	AEC7230	No. 18
		HEAT SINK SECTION				
	⚠	Thermistor	Not used	AEX7004	AEX7004	No. 19
		FRONT PANEL SECTION				
P9- 4		Door Hinge L	AMR7252	AMR7325	AMR7325	
P9- 5		Door Hinge R	AMR7253	AMR7326	AMR7326	
P9- 7		Door Panel	AMR7722	AMR7239	AMR7239	
P9-10		Door Sheet	AAH7789	AAH7067	AAH7067	
P9-11		Display Panel	AAK7625	AAK7792	AAK7792	
P9-13		Power Button	AAD7440	AAD7485	AAD7485	
P9-14		MR Button	AAD7514	Not used	Not used	
P9-20		Damper Assy	AXA7078	AXA7076	AXA7076	
P9-21		Sub Panel	ANB7622	ANB7163	ANB7163	
P9-24		DoorCusion	AEB7152	AEB7153	AEB7153	
P9-25		Front Panel	AMB7718	ANB7235	ANB7235	
P9-27		Name Plate	PAN1376	PAN1377	PAN1377	
P9-29		FL Sheet	AAK7627	AAK7805	AAK7805	
P9-30		Volume Knob	AAB7194	AAB7211	AAB7211	
P9-31		Rotary Knob	AAB7221	AAB7209	AAB7209	
P9-38		Panel Base	AMB7570	AMB7573	AMB7573	
		POWER Button MG	Not used	AAD7491	AAD7491	No. 20

Notes : ●The numbers in the remarks column correspond to the numbers on the " EXPLODED VIEWS ".

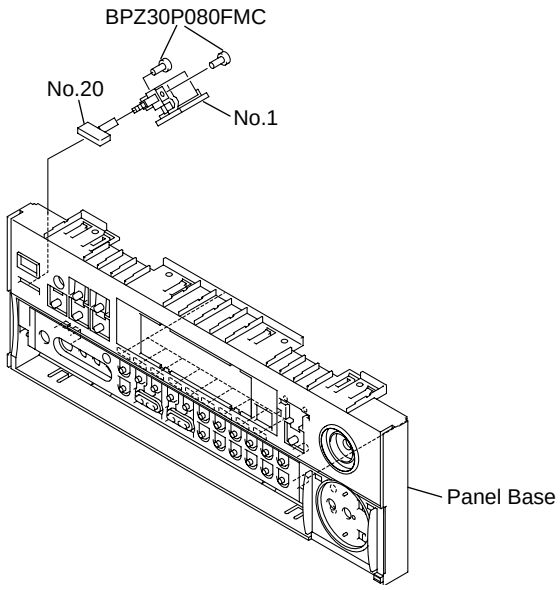
● For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES", "2. PCB CONNECTION DIAGRAM" and "3. SCHEMATIC DIAGRAM".

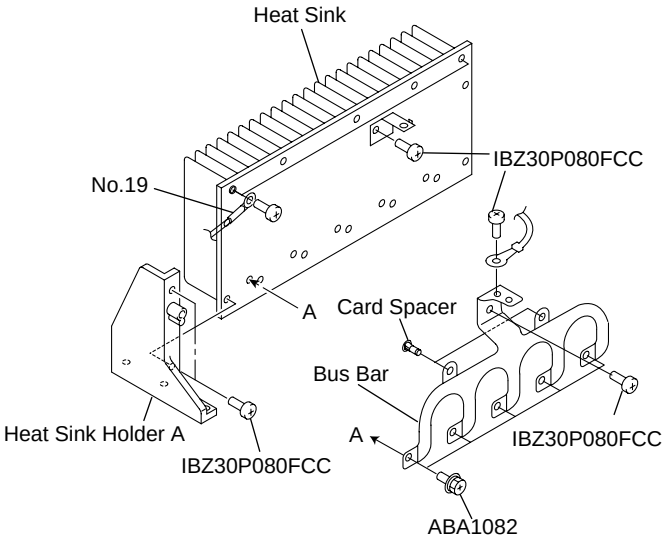
■ EXPLODED VIEWS

● EXTERIOR SECTION



● FRONT PANEL and HEAT SINK SECTIONS





■ CONTRAST OF PCB ASSEMBLIES

AF EXTERNAL IN (EXTRA-5.1) ASSY

AWX7348 and AWX7314 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7314	AWX7348	
	C1101- C1106	Not used	CCCSL271J50	

BF A-PINJACK ASSY

AWX7346 and AWX7312 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7312	AWX7346	
	C1001–C1006, C1009, C1010, C1003, C1014	Not used	CCCSL271J50	
	C1007, C1008, C1013, C1014	Not used	CCCSL101J50	
	R1017, R1018	Not used	RD1/4PU101J	

CF CONNECTION ASSY

AWX7558 and AWX7313 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7313	AWX7558	
	IC1301–IC1303	NJM4558D-D	UPC4570C	
	C1301- C1305	Not used	CCCSL680J50	
	C1353, C1354	Not used	CCCSL181J50	
	C1355, C1356	Not used	CKCYB331K50	
	C1365, C1366	CEAT101M16	CEAT101M25	
	L1351- L1354	Not used	LAU181J	
	R1353, R1354	RD1/4PU331J	RD1/4PU122J	

EF V-AMP ASSY

AWX7730 and AWX7729 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7729	AWX7730	
	C513, C533, C553, C613, C633	CEAT470M50	CECA470M50	
	C7507, C7508, C7527, C7528	Not used	CEAT1R0M50	

DF MAIN CONTROL ASSY

AWX7709 and AWX7705 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7705	AWX7709	
	IC102	BU4052BCF	Not used	
	IC103, IC105	NJM4558MD	UPC4570G2	
	IC109	NJM4558MD	Not used	
	IC110	M62429FP	Not used	
	IC115	Not used	NJM4558LD	
	IC901	PD5589A	PD5596A	
	Q113, Q114	2SC2878	Not used	
	Q991	2SC1740S	Not used	
	D201, D202	UDZS5.1B	Not used	
	D251, D252	Not used	1SS355	
	D253	Not used	UDZS5.1B	
	D991	1SS355	Not used	
	D995	UDZ11B	Not used	
	C101- C110	Not used	CCSQCH221J50	
	C131, C132, C253, C254	Not used	CKSQYB103K50	
	C141, C142, C145- C150	CEAT100M50	Not used	
	C143, C144	CKSQYB103K50	Not used	
	C155, C156, C165, C166, C175, C176	Not used	CCSQCH101J50	
	C183- C188	Not used	CCSQCH221J50	
	C252	Not used	CEAT470M16	
	C960, C961	CCSQCH101J50	Not used	
	C991	CEAT101M16	Not used	
	C992	CKSQYF225Z16	Not used	
	R109	RD1/2VM391J	Not used	
	R110	RS1/10S472J	Not used	
	R129, R130	RS1/10S104J	Not used	
	R131, R132, R991	RS1/10S471J	Not used	
	R133, R134, R141, R142, R928, R934- R936	RS1/10S102J	Not used	
	R975- R978, R980- R983, R986, R987	RS1/10S102J	Not used	
	R143, R144	RS1/10S102J	RS1/10S331J	
	R135, R136, R925	RS1/10S103J	Not used	
	R145, R146	RS1/10S473J	Not used	
	R207- R211, R252, R253	Not used	RS1/10S104J	
	R251	Not used	RS1/10S474J	
	R254	Not used	RS1/10S102J	
	R325- R330, R333, R334	RS1/10S0R0J	Not used	
	R370	Not used	RS1/10S0R0J	
	R926, R927	Not used	RS1/10S103J	
	CN902 13P FFC CONNECTOR	HLEM13R-1	Not used	
NSP	J101	Not used	DB916NS0	
	J102	Not used	DB216NS0	

OF TRANS 2-2 ASSY

AWX7470 and AWX7366 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7366	AWX7470	
⚠	IC5501	AEK7018 (4A)	AEK7019 (5A)	
⚠	C5501, C5502	Not used	ACH1237 (1µF/100V)	
⚠	R5501	Not used	RFA1/4PS220J	

MF REGULATOR ASSY

AWX7559 and AWX7310 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7310	AWX7559	
⚠	IC5003	NJM78M12FA	Not used	
⚠	D5009	D3SBA20(B)	LN4SB60-4003	
	C5007	CEAT472M16	CEAT103M16	
	C5012	CKCYF103Z50	Not used	
	C5013	CEAT101M25	Not used	
	C5019, C5021, C5023	CEAT101M10	CEAT221M10	
	C5029	Not used	CEAT221M50	
	C5030 (1µF/100V)	Not used	ACH1237	

PF VIDEO ASSY

AWX7676 and AWX7307 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7307	AWX7676	
	IC731	NJM2279M	Not used	
	D731	1SS355	Not used	
	C732, C733, C736,	CKSQYB473K50	Not used	
	C791	CKSQYB103K50	Not used	
	R717	RS1/10S101J	RS1/10S0R0J	
	R732- R735	RS1/10S102J	Not used	
	CN701	52045-2645	HLEM26S-1	
	CN702	52045-2145	HLEM21S-1	
	JA705	AKN7014	Not used	

SF DISPLAY ASSY

AWX7701 and AWX7698 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7698	AWX7701	
	IC7051	TC7W53FU	Not used	
	Q7002	DTC124EK	Not used	
	Q7053	FMA1A	Not used	
	Q7054	DTC124EK	Not used	
	D7002	SLR-343DC(NPQ)	Not used	
	D7054– D7057	1SS355	Not used	
	S7022, S7024–S7028, S7030	VSG1009	Not used	
	C7053	CKSQYB153K50	Not used	
	C7091	CKSQYB102K50	Not used	
	R7038	RS1/10S271J	Not used	
	R7047, R7048, R7056	RS1/10S223J	Not used	
	R7057, R7061	RS1/10S103J	Not used	
	R7058	RS1/10S392J	Not used	
	R7411, R7413, R7414, R7416, R7417	Not used	RS1/10S0R0J	

LF SP / PS ASSY

AWX7690 and AWX7658 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7658	AWX7690	
⚠	IC3001	Not used	AEK7007	
	Q3501	Not used	2SC4793	
	Q3502- Q3505	Not used	DTC124ES	
	Q3506	Not used	2SA992	
	D3052, D3054, D3056, D3058, D3060	Not used	1SS133	
	D3503, D3504, D3509	Not used	1SS133	
⚠	D3501, D3502	Not used	S5688G	
	D3505	Not used	MTZJ16B	
	D3507	Not used	MTZJ5.1B	
	D3508	Not used	MTZJ11B	
	C3101- C3105	CFTYA104J50	CFTYA224J50	
	C3106- C3110	Not used	CFTYA224J50	
	C3111- C3117	CQHA102J2A	CQMA332K2E	
	C3501	Not used	CEAT471M35	
	C3502	Not used	CEAT1R0M50	
	C3503	Not used	CKCYF103Z50	
	C3504	Not used	CEAT471M25	
	C3505	Not used	CEAT101M16	
	C3506	Not used	CCCCH680J50	
	R3133, R3134	Not used	RS1LMF471J	
	R3501	Not used	RD1/4PU820J	
	R3502, R3506, R3507	Not used	RD1/4PU473J	
	R3503	Not used	RD1/4PU102J	
	R3504	Not used	RD1/4PU104J	
	R3505	Not used	RD1/4PU682J	
	R3508	Not used	RD1/4PU103J	
	CN3002	Not used	KM250MA3	
	CN3101	AKE7058	AKE7059	
	CN3102	AKE7060	AKE7061	

VF PRIMARY ASSY

AWX7311, AWX7345 and AWX7454 are constructed the same except for the following:

Mark	Symbol and Description	Part No.			Remarks
		AWX7311	AWX7345	AWX7454	
	C6002, C6003	ACG7020	AEC7014	AEC7014	
	C6006	CEAT470M25	CEAT221M25	CEAT221M25	
	R6001	RCN1080	Not used	Not used	
	R6002	Not used	RD1/4PU1R0J	RD1/4PU1R0J	
	L6003, L6004	Not used	ATX1012	ATX1012	
	J6000	Not used	D20PYY0335E	D20PYY0335E	
	T6001	ATT7043	ATT7040	ATT7040	
	RY6001	ASR7022	ASR1044	ASR1044	
	Y6003 AWG18 BOARD IN	Not used	ADX7321	Not used	
	Y6004 AWG18 BOARD IN	Not used	ADX7320	Not used	
	Y6005 AWG18 BOARD IN	Not used	ADX7319	Not used	
	6004	AKP1053	Not used	Not used	
	6001	Not used	51048-0300	51048-0300	

■ PCB PARTS LIST

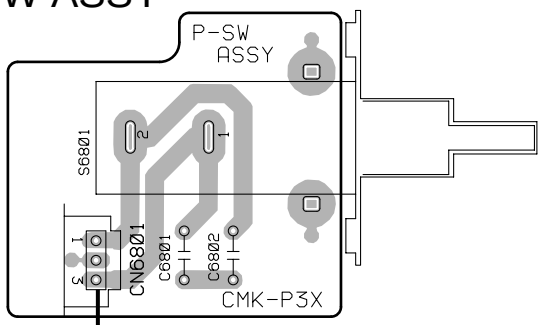
Mark	No.	Description	Part No.
VA		**P-SW ASSY**	
		SWITCHES AND RELAYS	
	S6801		ASG1035

Mark	No.	Description	Part No.
		CAPACITORS	
	C6801, C6802		CGCYX103K25
		OTHERS	
	CN6801	3P JUMPER CONNECTOR	52151-0310

2. PCB CONNECTION DIAGRAM

2.1 P-SW ASSY

VA P-SW ASSY

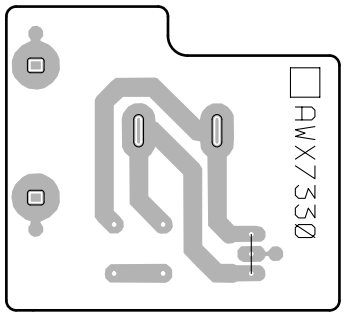


(ANP7010-D)

SIDE A

V
J6000

VA P-SW ASSY



(ANP7010-D)

SIDE B

● Line Voltage Selection

Line Voltage can be changed by the following modification:

1. Disconnect the AC power cord.
2. Remove the cover.
3. Change the connection wire from TRANS 1 ASSY (Terminal No. Y6002) to AMP ASSY (Terminal No. Y6002) as follows.

Voltage	Terminal No. of TRANS 1 ASSY
220-230V	Y6002/HY/HL/HV
240V	Y6002/J,/KU

4. Stick a line voltage label on the rear panel.

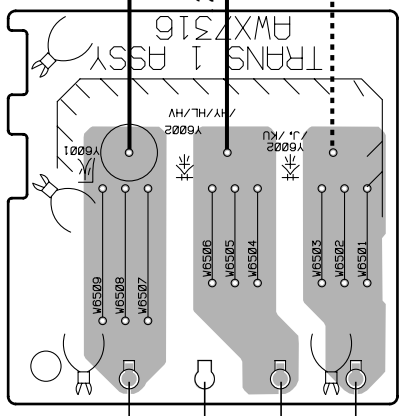
Description	Part No.
220V label	AAX-193
240V label	AAX-192

V Y6001 V Y6002

220-230V

240V

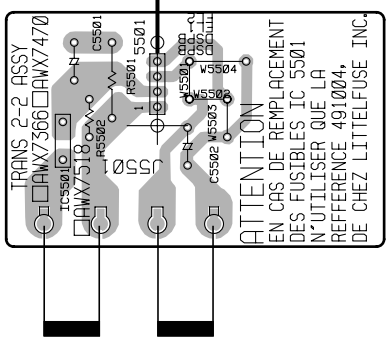
N TRANS 1 ASSY



(ANP7308-F)

M 5009

O TRANS 2-2 ASSY



(ANP7308-F)

T1
POWER
TRANSFORMER

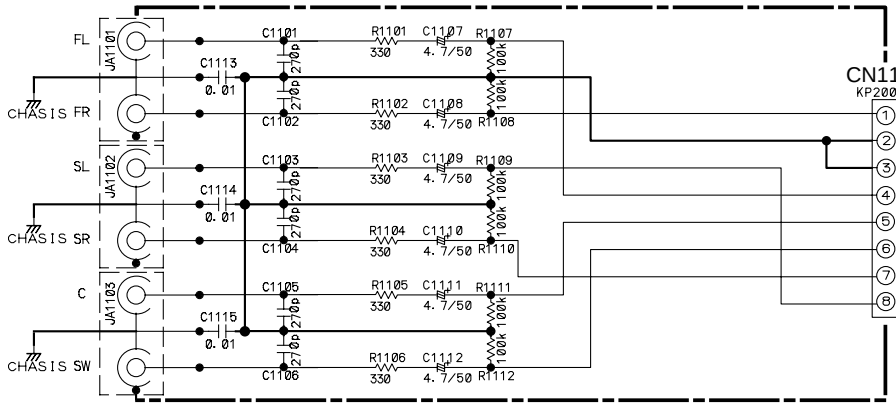
3. SCHEMATIC DIAGRAM

3.1 EXTRA-5.1, A-PINJACK and CONNECTION ASSYS

AF

EXTRA-5.1 ASSY
(VSA-E08 : AWX7348)

JA1101-JA1103 ;
VSA-E08 : AKB7121



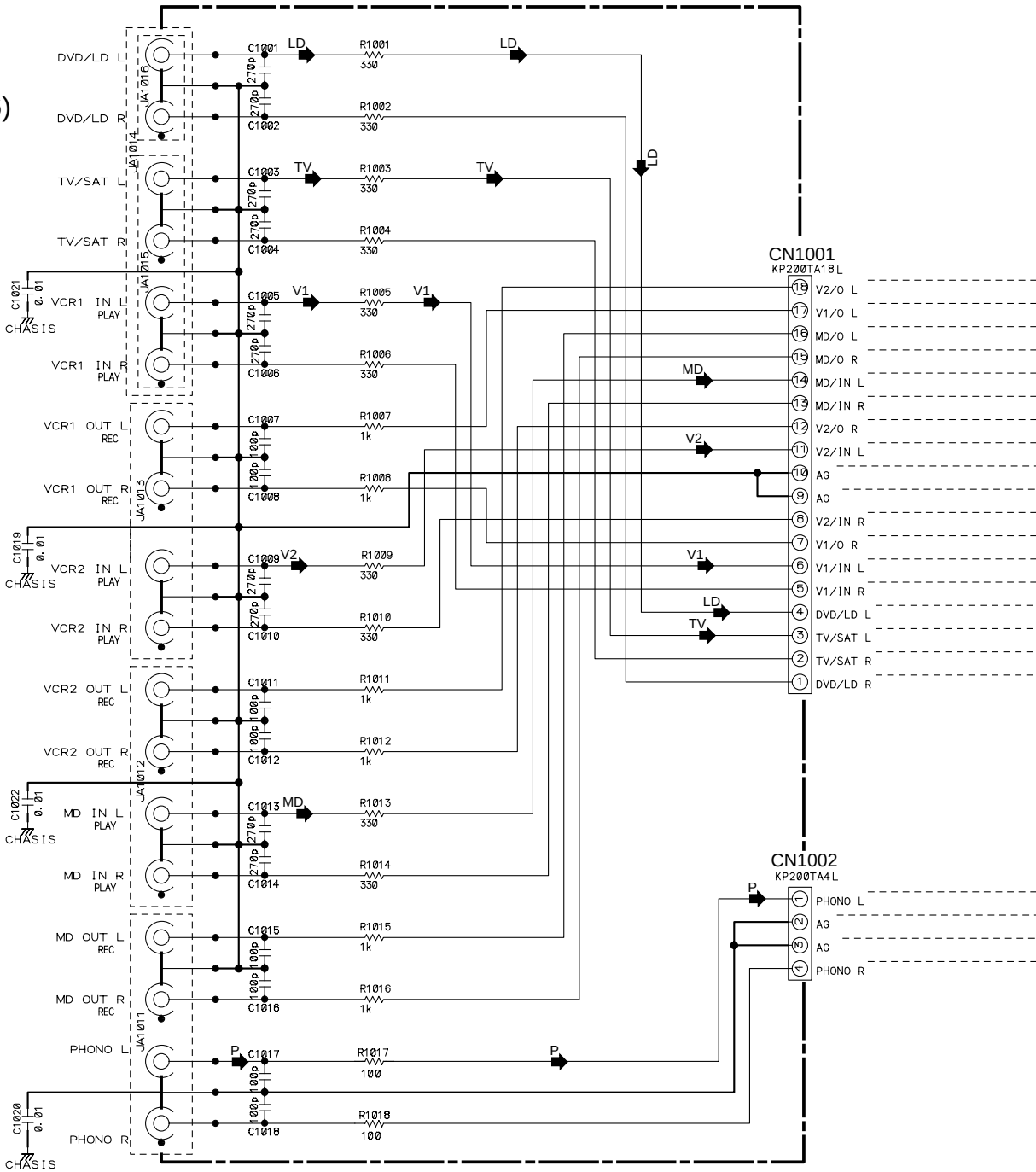
BF

A-PINJACK ASSY
(VSA-E08 : AWX7346)

JN1014: AKB7119

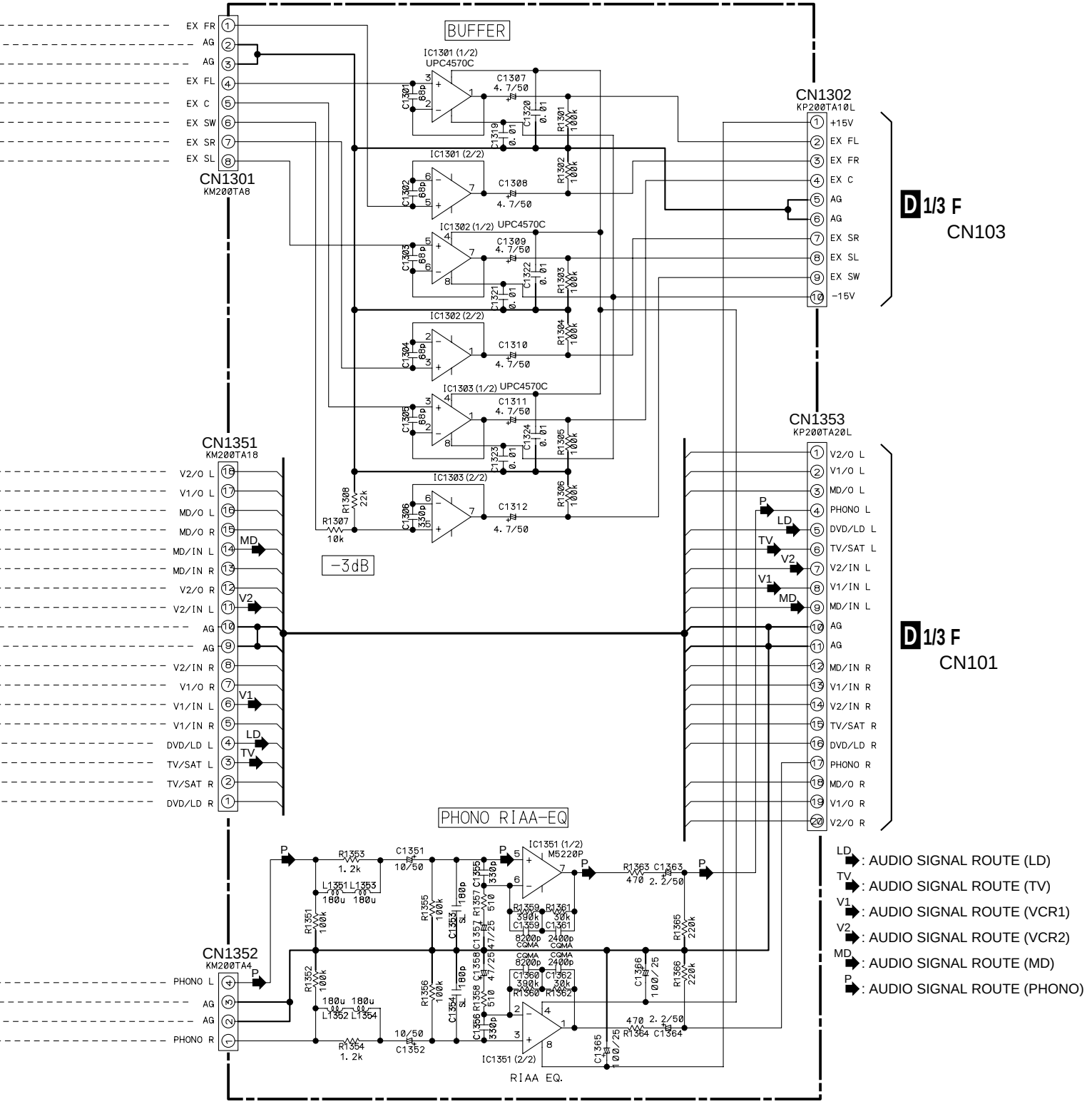
JN1015: AKB7048

JA1011-JA1013 ;
VSA-E08 : AKB7108



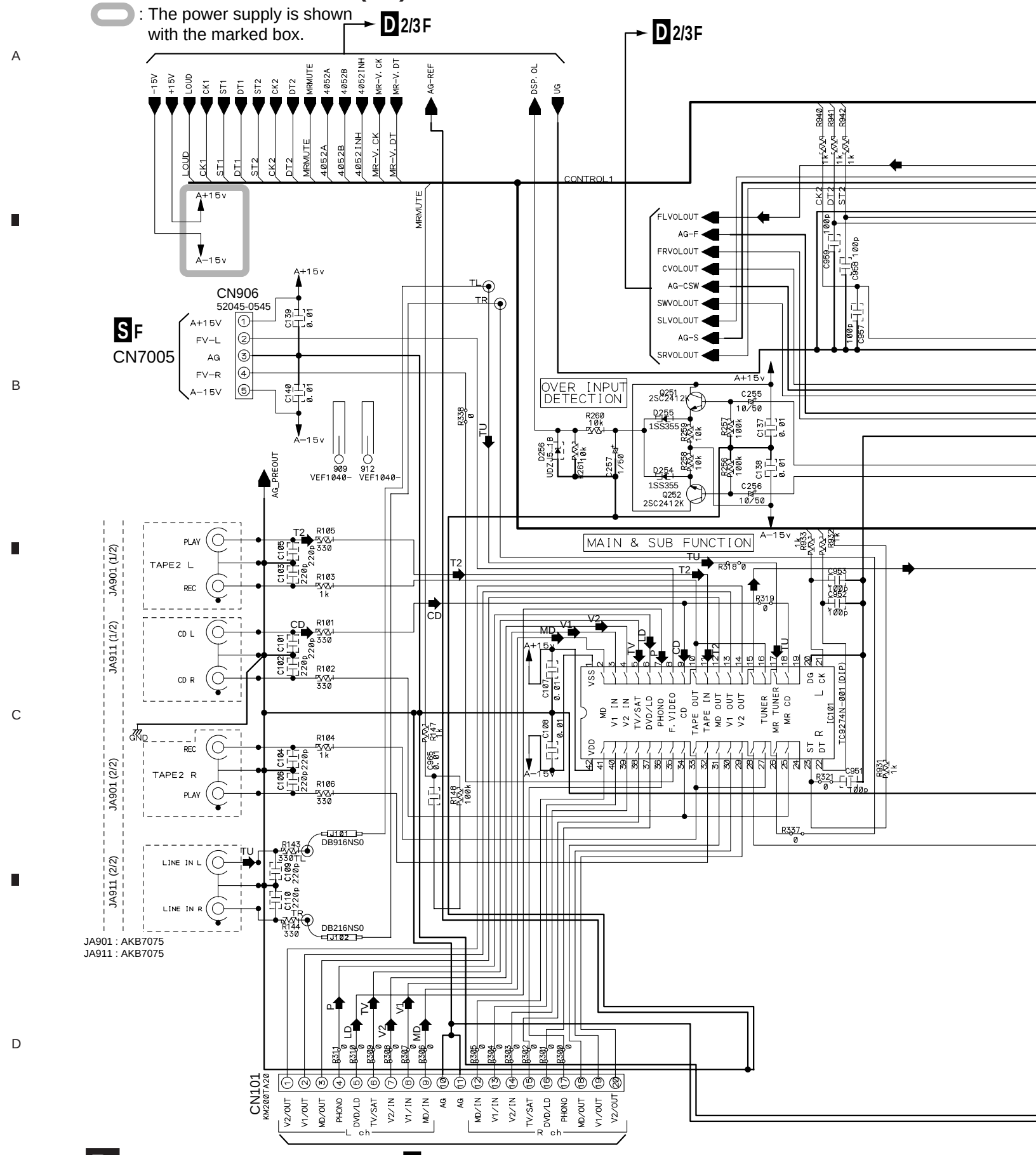
Note : When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST"

C F CONNECTION ASSY (AWX7558)



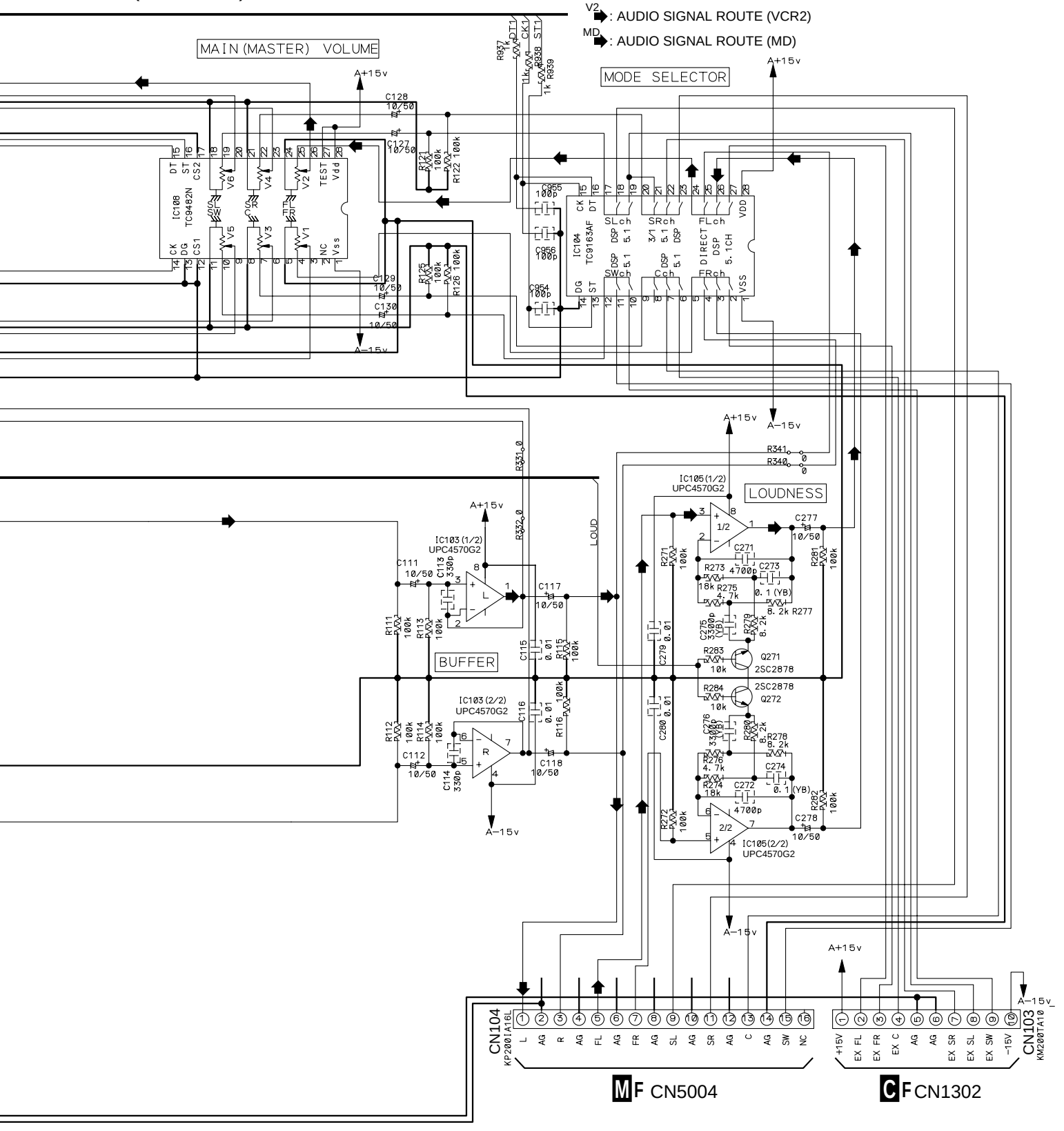
3.2 MAIN CONTROL ASSY (1/3)

: The power supply is shown with the marked box.



D 1/3 F
MAIN CONTROL ASSY
(AWX7709)

: AUDIO SIGNAL ROUTE
LD: AUDIO SIGNAL ROUTE (LD)
TV: AUDIO SIGNAL ROUTE (TV)
V1: AUDIO SIGNAL ROUTE (VCR1)
V2: AUDIO SIGNAL ROUTE (VCR2)
MD: AUDIO SIGNAL ROUTE (MD)
P: AUDIO SIGNAL ROUTE (PHONO)
TU: AUDIO SIGNAL ROUTE (TUNER)
CD: AUDIO SIGNAL ROUTE (CD)
T2: AUDIO SIGNAL ROUTE (TAPE2)

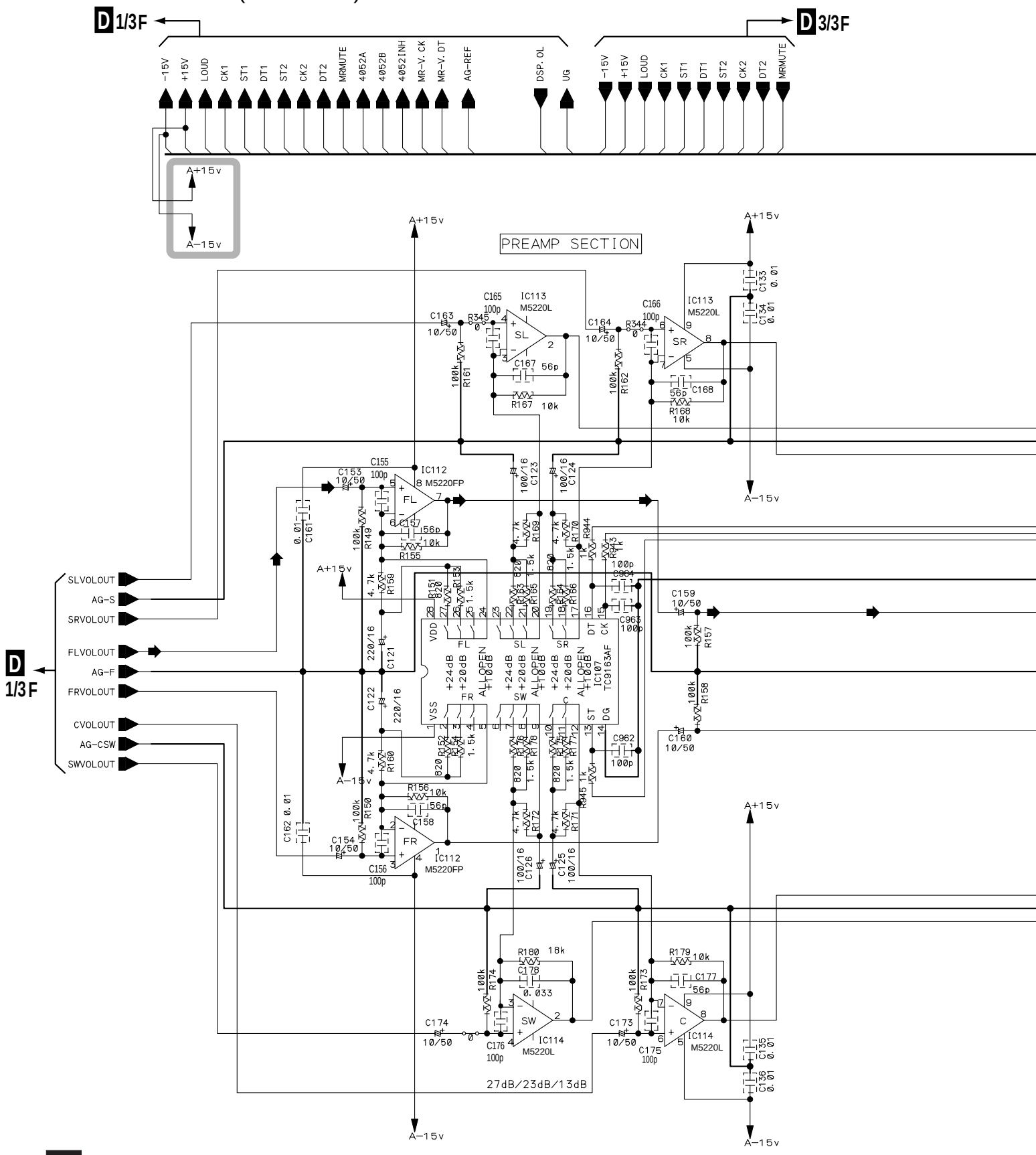


MF CN5004

CF CN1302

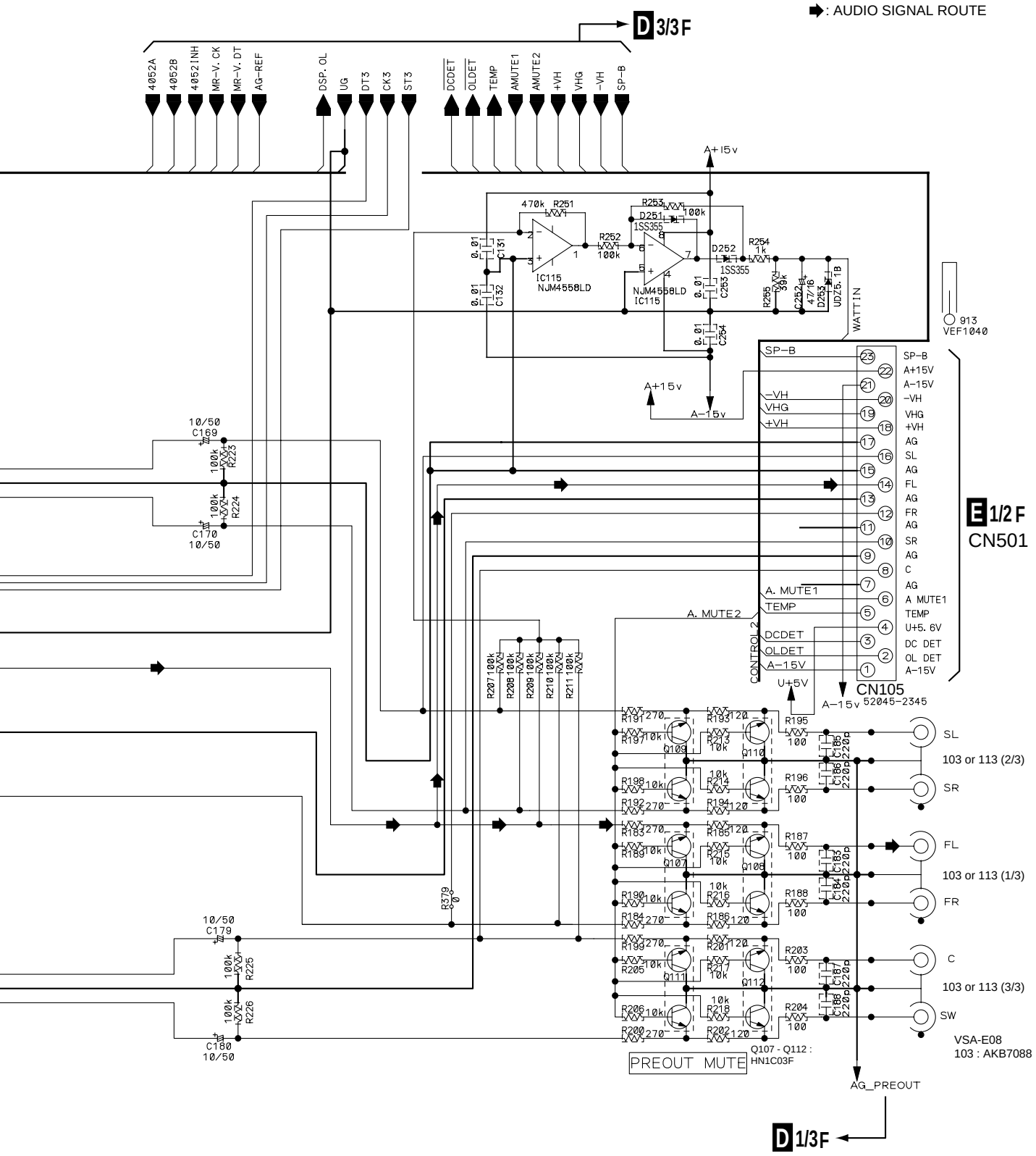
3.3 MAIN CONTROL ASSY (2/3)

D 2/3 F MAIN CONTROL ASSY
(AWX7709)

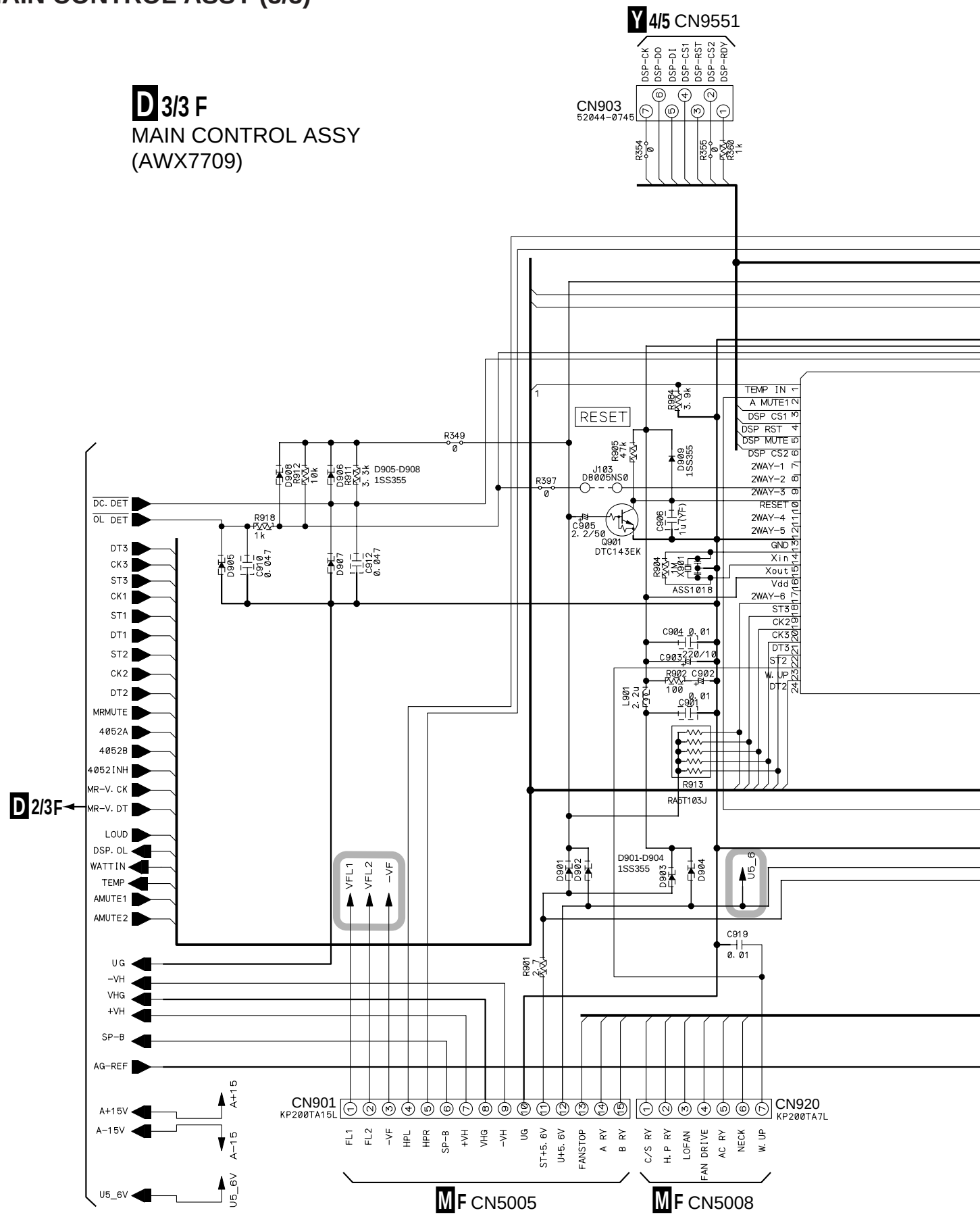


: The power supply is shown with the marked box.

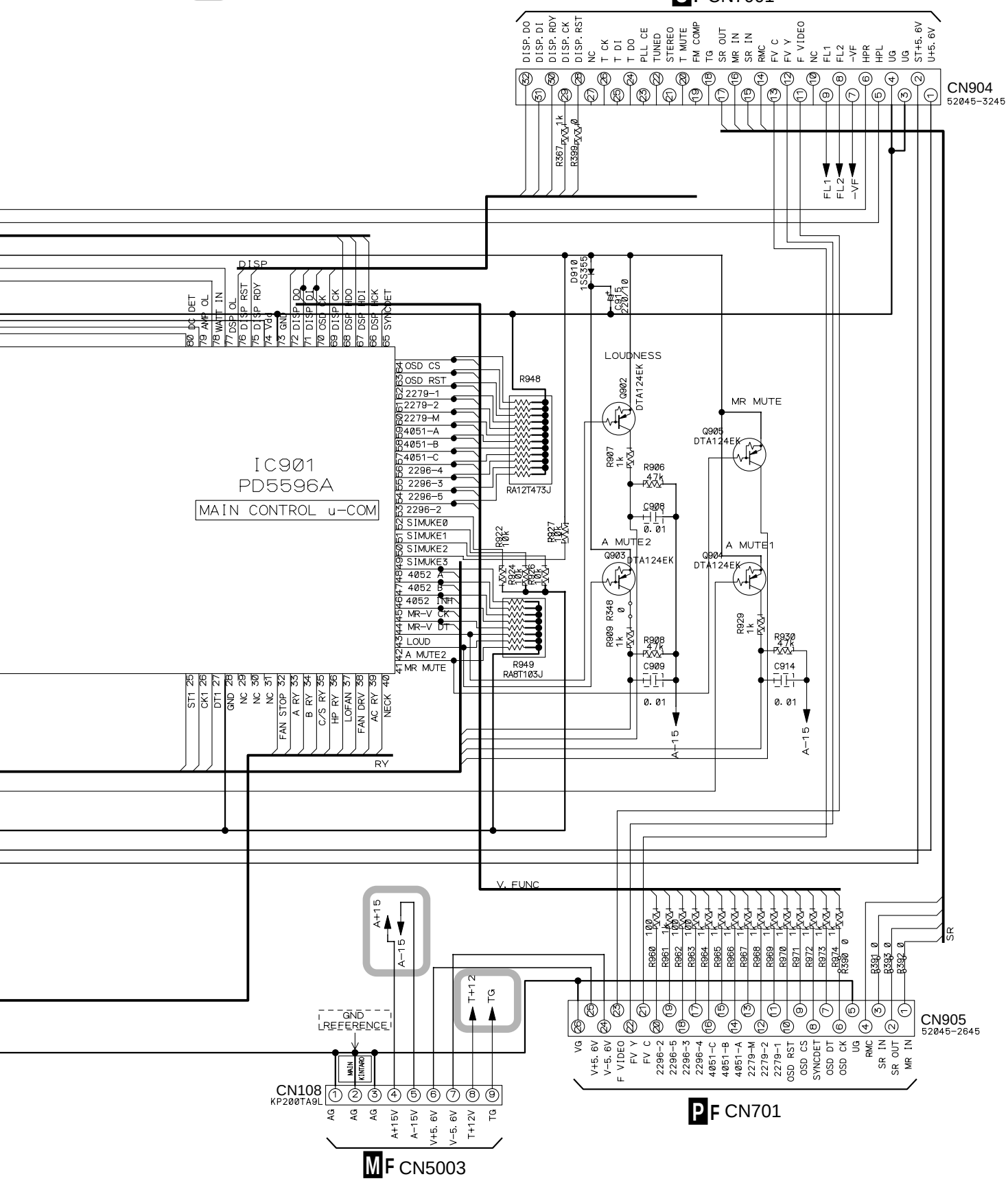
: AUDIO SIGNAL ROUTE



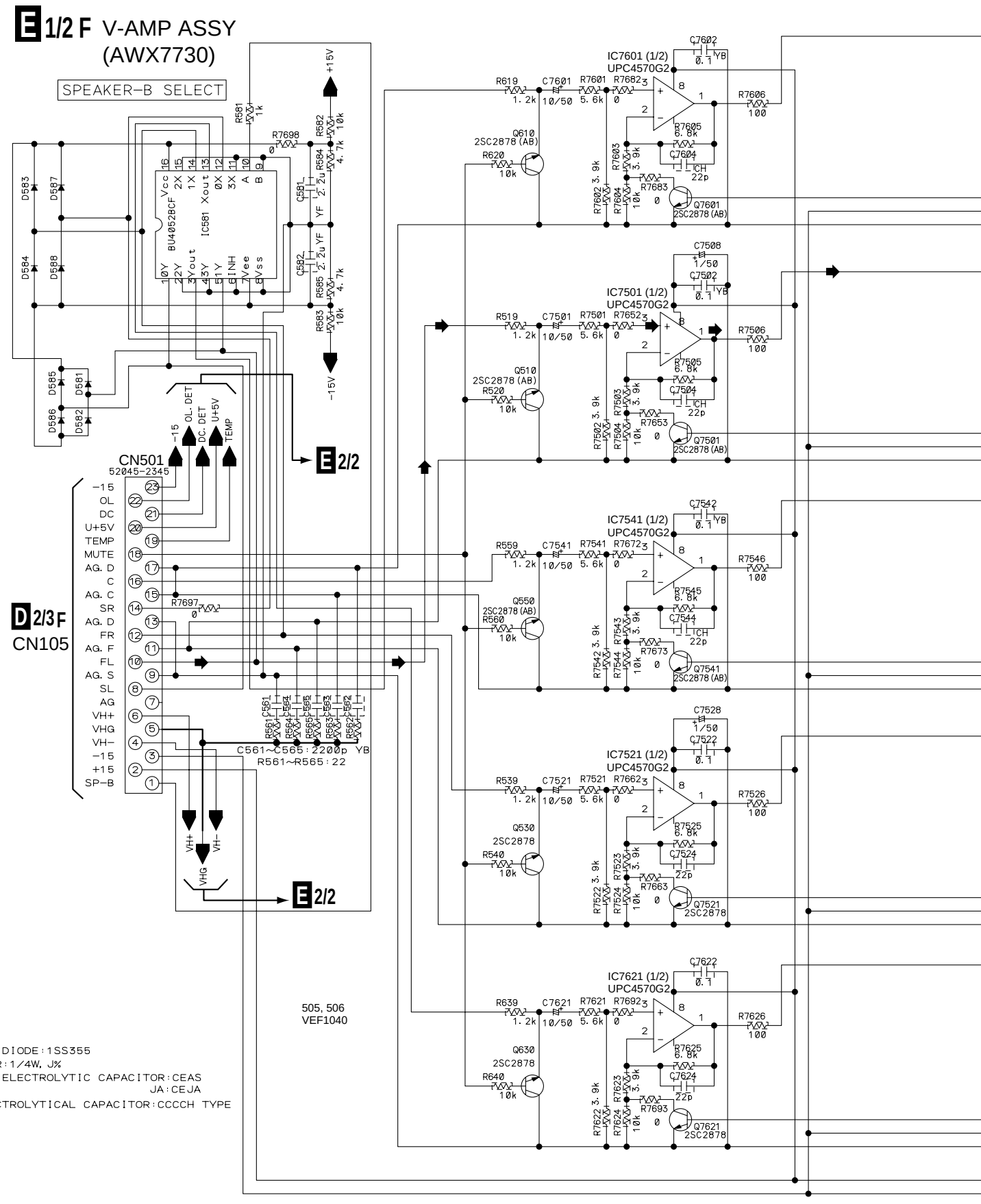
3.4 MAIN CONTROL ASSY (3/3)

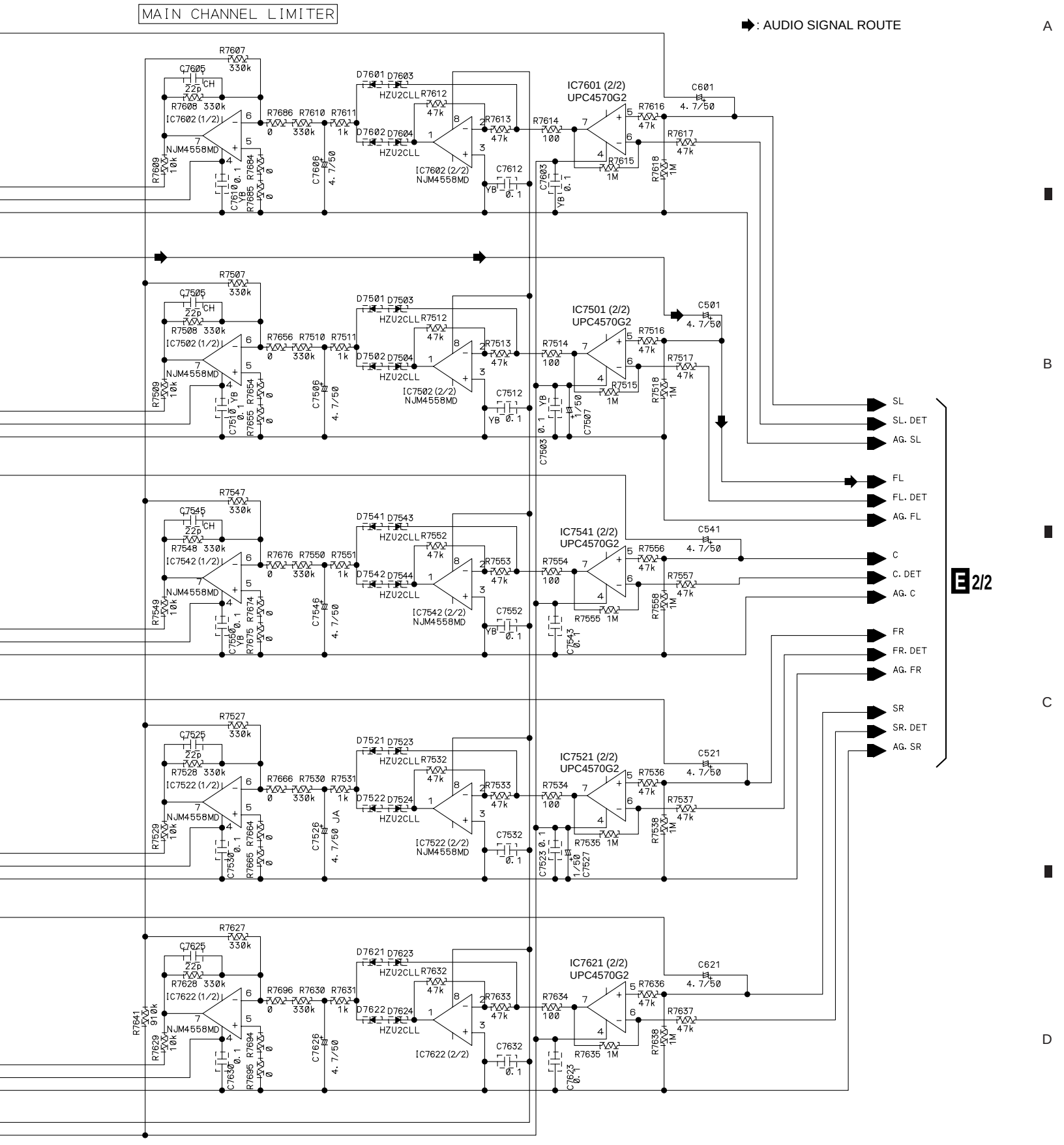


: The power supply is shown with the marked box.

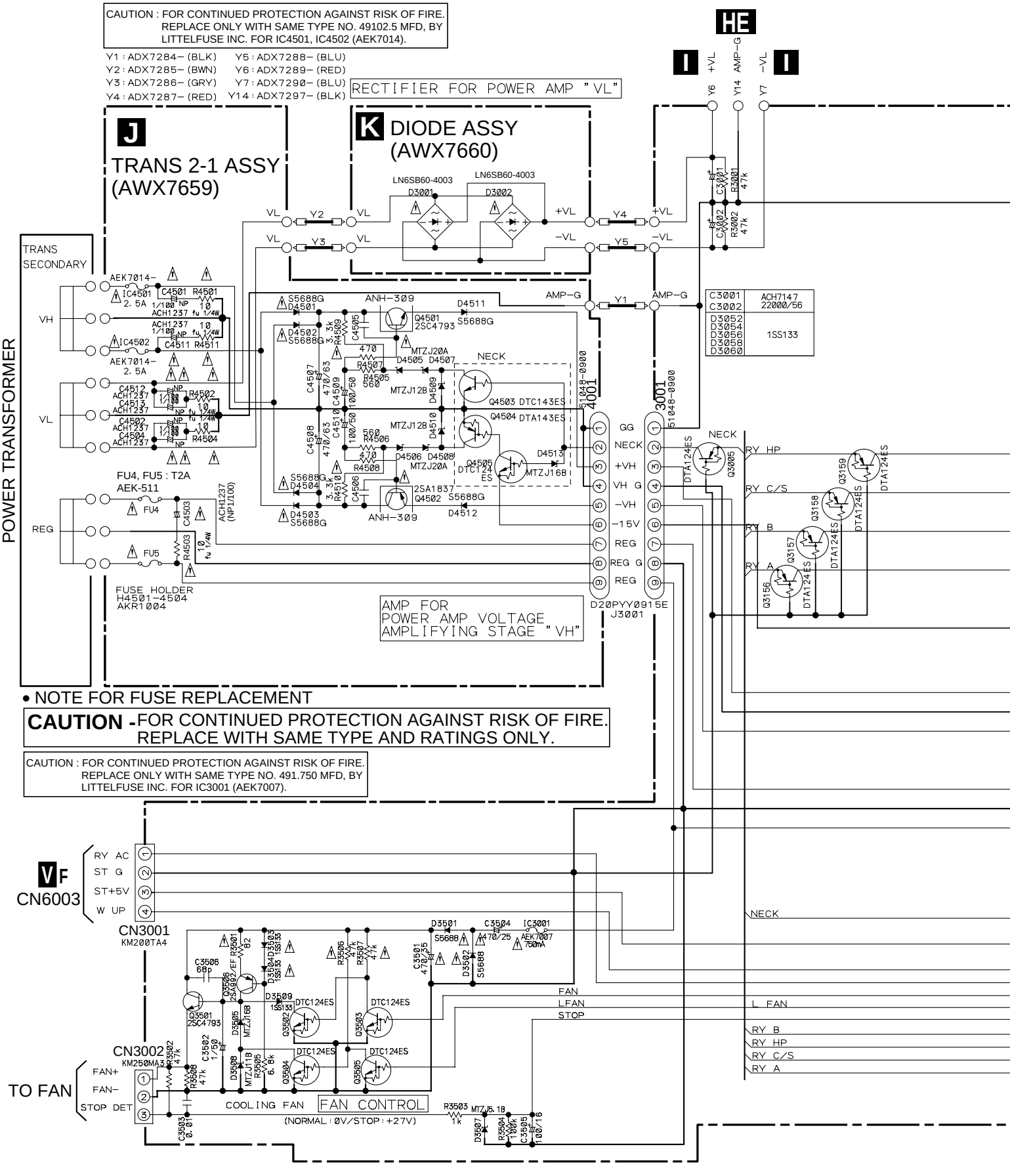


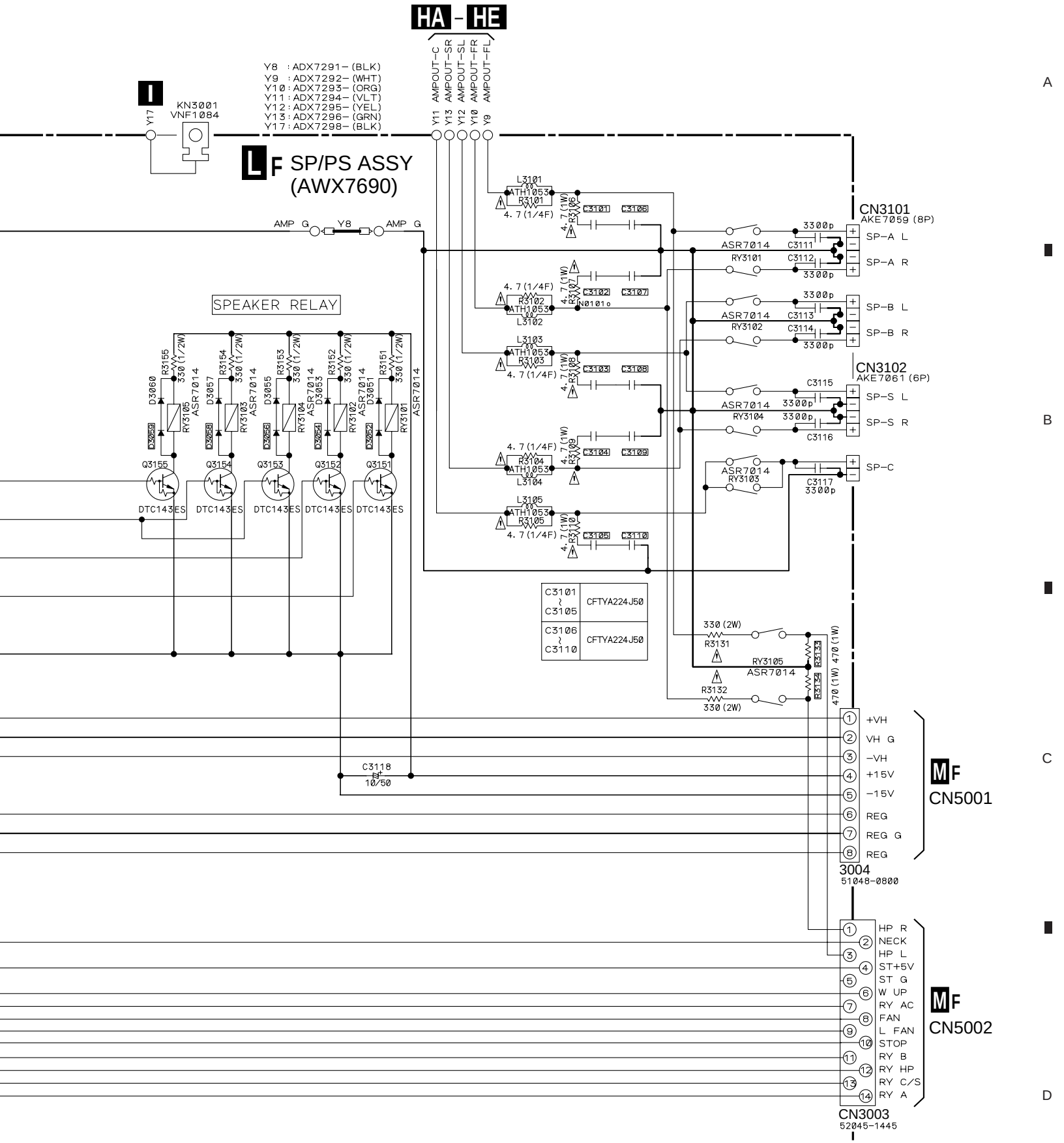
3.5 V-AMP ASSY (1/2)



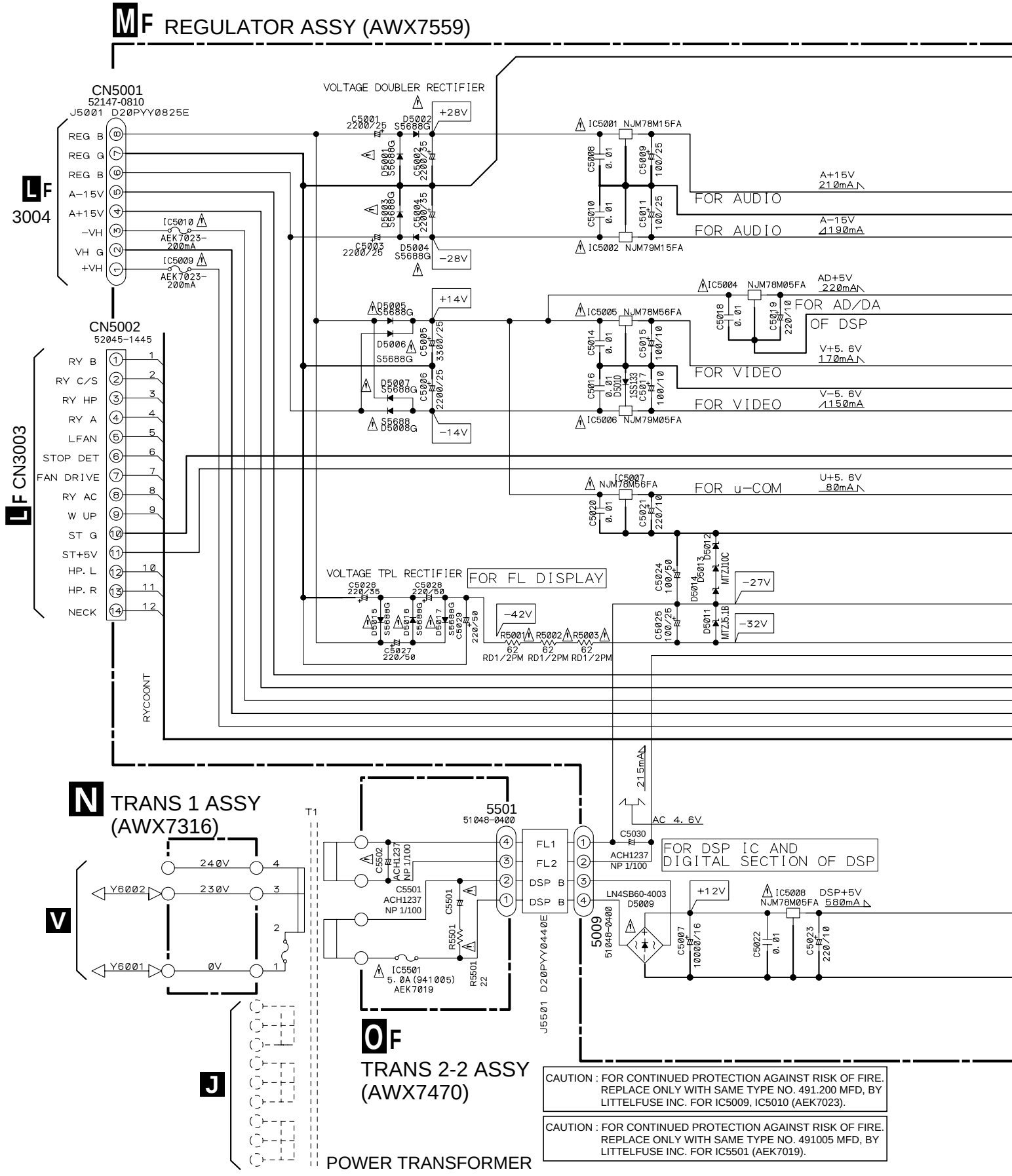

MAIN CHANNEL LIMITER
: AUDIO SIGNAL ROUTE
IC7602 (2/2) NJM4558MD
IC7601 (2/2) UPC4570G2
IC7502 (2/2) NJM4558MD
IC7501 (2/2) UPC4570G2
IC7542 (2/2) NJM4558MD
IC7541 (2/2) UPC4570G2
IC7522 (2/2) NJM4558MD
IC7521 (2/2) UPC4570G2
IC7622 (2/2)
IC7621 (2/2) UPC4570G2
SL
SL. DET
AG. SL
FL
FL. DET
AG. FL
C
C. DET
AG. C
FR
FR. DET
AG. FR
SR
SR. DET
AG. SR
E 2/2

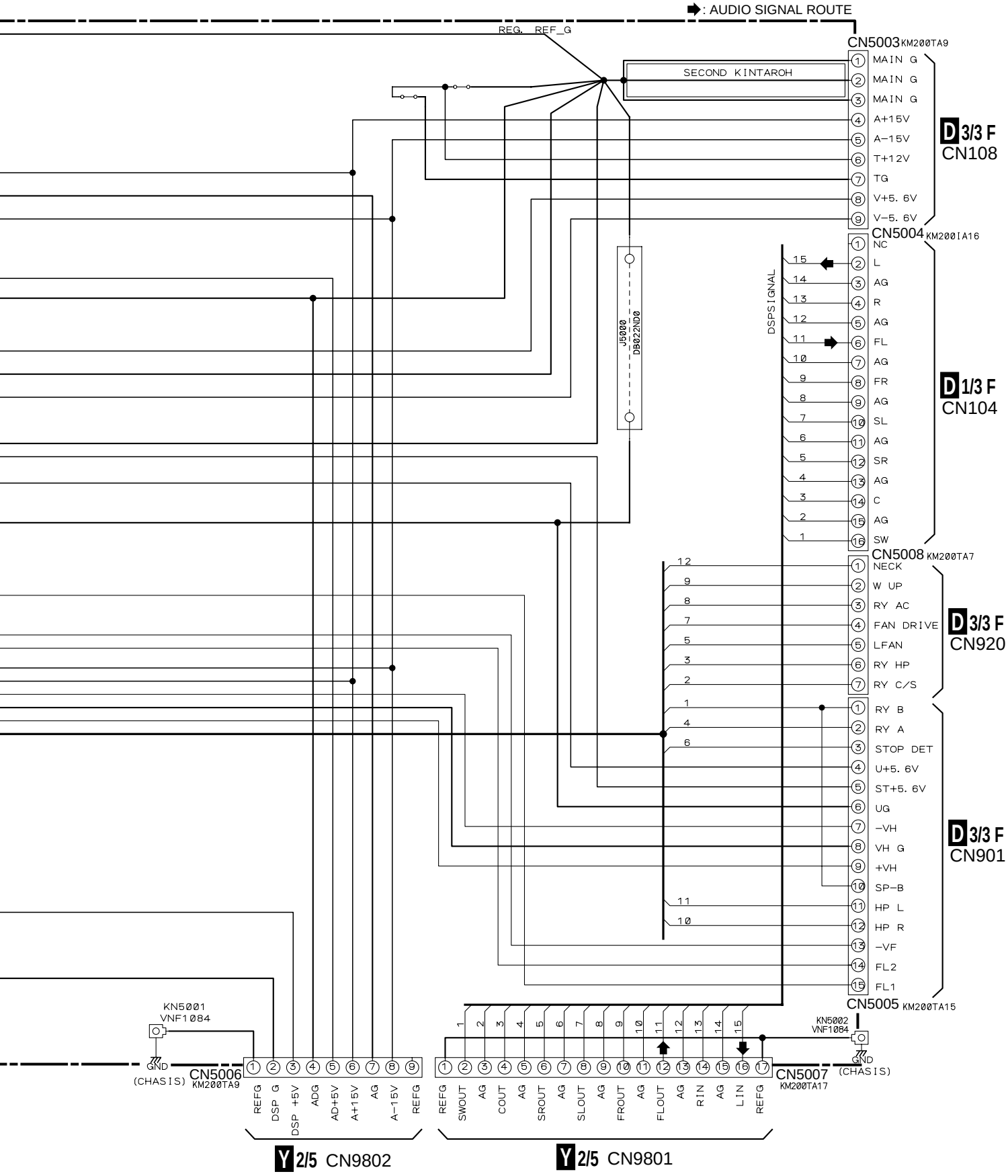
3.6 TRANS 2-1, DIODE and SP/PS ASSYS



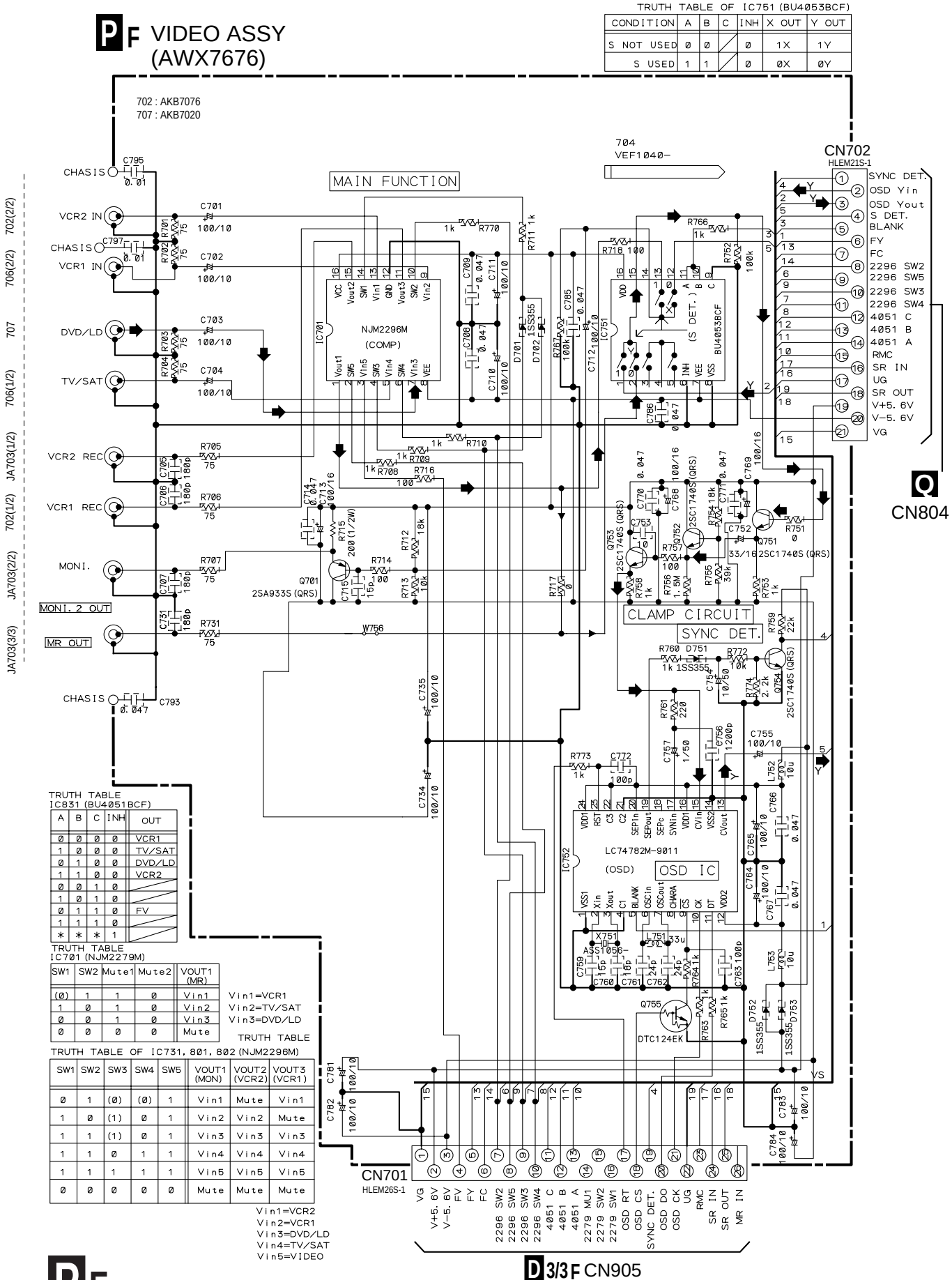

HA - HE
Y8 : ADX7291-(BLK)
Y9 : ADX7292-(WHT)
Y10 : ADX7293-(ORG)
Y11 : ADX7294-(VLT)
Y12 : ADX7295-(YEL)
Y13 : ADX7296-(GRN)
Y17 : ADX7298-(BLK)
AMPOUT-C
AMPOUT-SR
AMPOUT-SL
AMPOUT-FR
AMPOUT-FL
I
KN3001
VNF1084
LF SP/PS ASSY
(AWX7690)
AMP G
Y8
SPEAKER RELAY
CN3101
AKE7059 (8P)
SP-A L
SP-A R
SP-B L
SP-B R
CN3102
AKE7061 (6P)
SP-S L
SP-S R
SP-C
ASR7014
RY3101
RY3102
RY3103
RY3104
RY3105
DTC143ES
C3101 ~ C3105 CFTYA224J50
C3106 ~ C3110 CFTYA224J50
C3118 10/50
MF CN5001
+VH
VH G
-VH
+15V
-15V
REG
REG G
REG
3004
51048-0800
MF CN5002
HP R
NECK
HP L
ST+5V
ST G
W UP
RY AC
FAN
L FAN
STOP
RY B
RY HP
RY C/S
RY A
CN3003
52045-1445

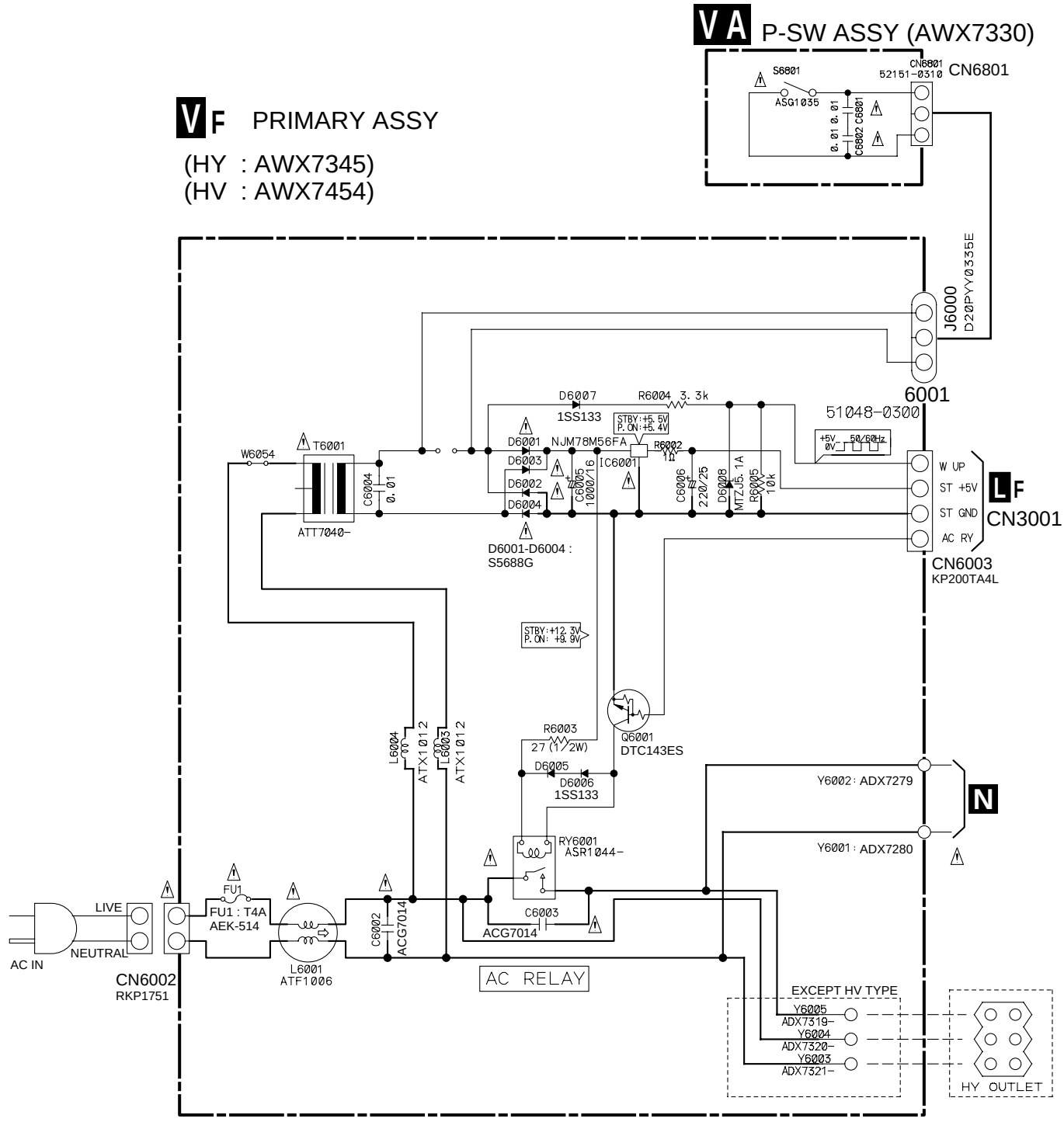
3.7 REGULATOR, TRANS 1 and TRANS 2-2 ASSYS




: AUDIO SIGNAL ROUTE
REG. REF_G
SECOND KINTAROH
CN5003 KM200TA9
1 MAIN G
2 MAIN G
3 MAIN G
4 A+15V
5 A−15V
6 T+12V
7 TG
8 V+5. 6V
9 V−5. 6V
D 3/3 F CN108
CN5004 KM200IA16
1 NC
2 L
3 AG
4 R
5 AG
6 FL
7 AG
8 FR
9 AG
10 SL
11 AG
12 SR
13 AG
14 C
15 AG
16 SW
D 1/3 F CN104
J5000 DB022ND0
DSPSIGNAL
CN5008 KM200TA7
1 NECK
2 W UP
3 RY AC
4 FAN DRIVE
5 LFAN
6 RY HP
7 RY C/S
D 3/3 F CN920
1 RY B
2 RY A
3 STOP DET
4 U+5. 6V
5 ST+5. 6V
6 UG
7 −VH
8 VH G
9 +VH
10 SP−B
11 HP L
12 HP R
13 −VF
14 FL2
15 FL1
CN5005 KM200TA15
D 3/3 F CN901
KN5001 VNF1084
GND (CHASIS)
CN5006 KM200TA9
1 REFG
2 DSP G
3 DSP +5V
4 ADG
5 AD+5V
6 A+15V
7 AG
8 A−15V
9 REFG
Y 2/5 CN9802
CN5007 KM200TA17
1 REFG
2 SWOUT
3 AG
4 COUT
5 AG
6 SROUT
7 AG
8 SLOUT
9 AG
10 FROUT
11 AG
12 FLOUT
13 AG
14 RIN
15 AG
16 LIN
17 REFG
Y 2/5 CN9801
KN5002 VNF1084
GND (CHASIS)

3.8 VIDEO, PRIMARY and P-SW ASSYS

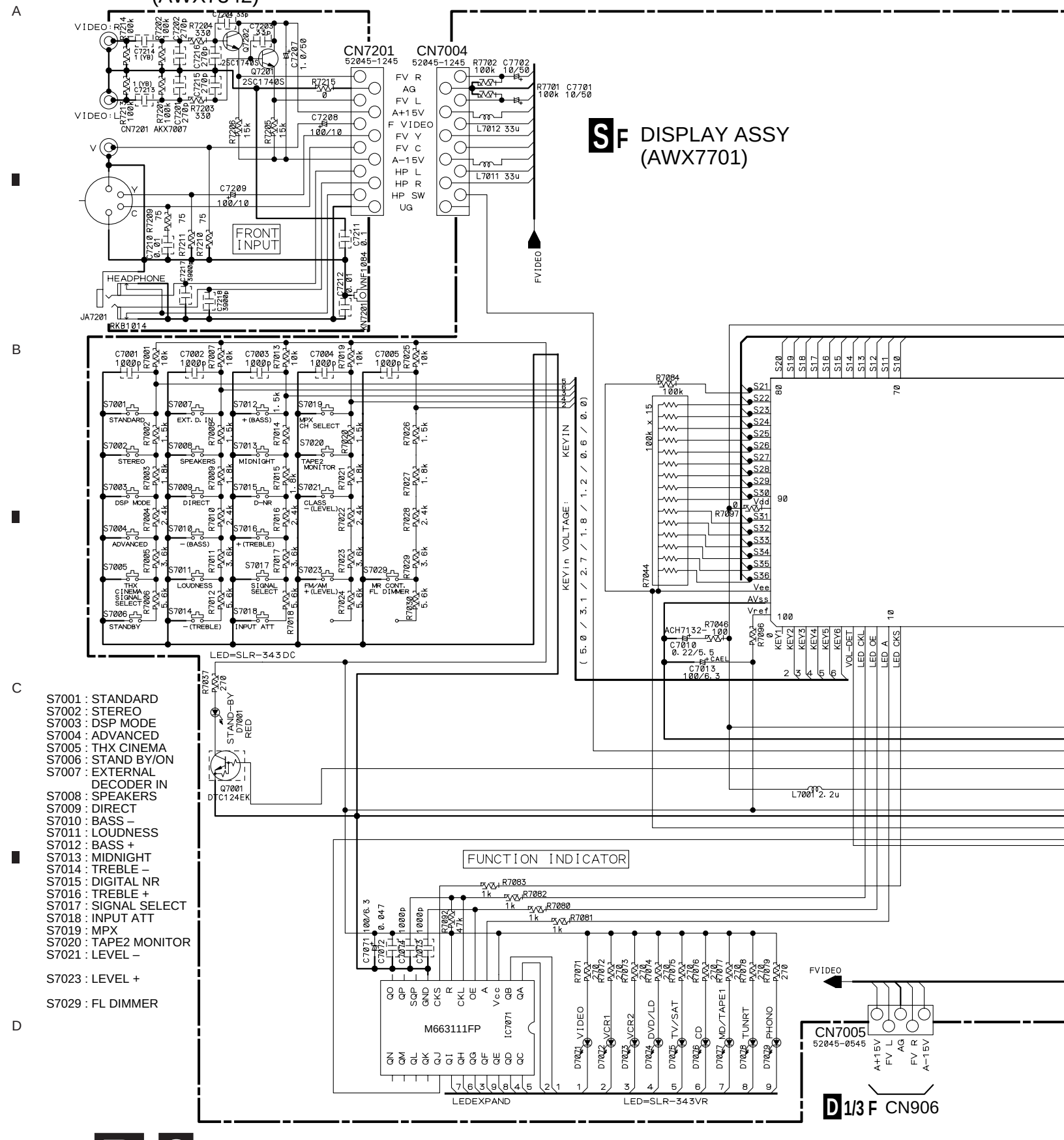


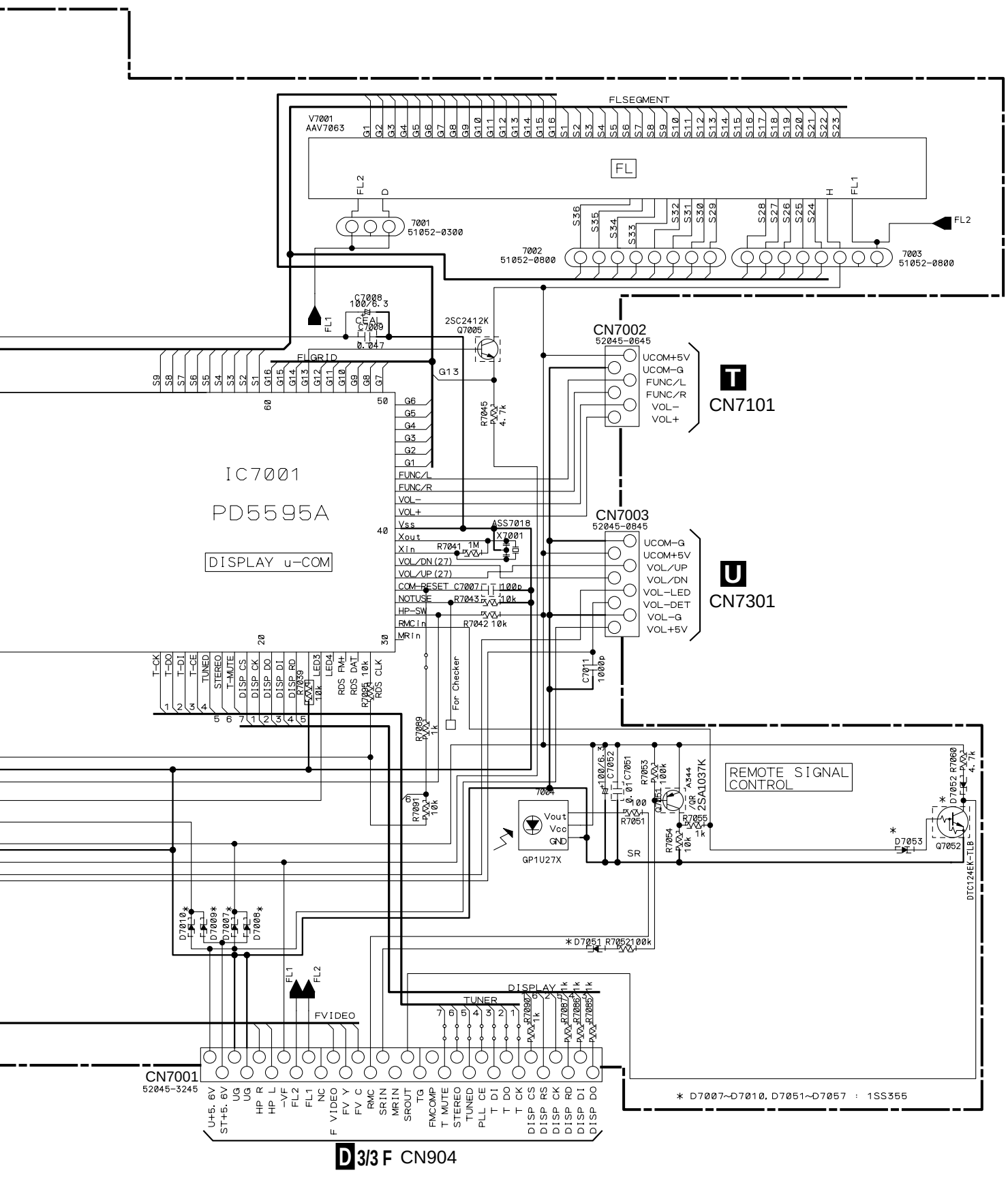

VA P-SW ASSY (AWX7330)
CN6801
52151-0310
S6801
ASG1035
0.01
0.01
C6801
C6802
VF PRIMARY ASSY
(HY : AWX7345)
(HV : AWX7454)
J6000
D20PYY0335E
6001
51048-0300
D6007
1SS133
R6004 3.3k
STBY:+5.5V
P.ON:+5.4V
D6001
NJM78M56FA
R6002
IC6001
D6003
D6002
D6004
C6005
1000/16
C6006
220/25
D6008
MTZJ5.1A
R6005
10k
+5V
0V
50/60Hz
W6054
T6001
ATT7040-
C6004
0.01
D6001-D6004 :
S5688G
W UP
ST +5V
ST GND
AC RY
LF
CN3001
CN6003
KP200TA4L
STBY:+12.3V
P.ON: +9.9V
L6004
ATX1012
L6003
ATX1012
R6003
27 (1/2W)
Q6001
DTC143ES
D6005
D6006
1SS133
Y6002 : ADX7279
N
Y6001 : ADX7280
RY6001
ASR1044-
FU1
FU1 : T4A
AEK-514
LIVE
NEUTRAL
AC IN
CN6002
RKP1751
L6001
ATF1006
C6002
ACG7014
C6003
ACG7014
AC RELAY
EXCEPT HV TYPE
Y6005
ADX7319-
Y6004
ADX7320-
Y6003
ADX7321-
HV OUTLET

3.9 H. PHONE/F. VIDEO and DISPLAY ASSYS

R H. PHONE/F. VIDEO ASSY
(AWX7342)

SF DISPLAY ASSY
(AWX7701)




FLSEGMENT
V7001
AAV7063
FL
7001
51052-0300
7002
51052-0800
7003
51052-0800
IC7001
PD5595A
DISPLAY u-COM
CN7002
52045-0645
UCOM+5V
UCOM-G
FUNC/L
FUNC/R
VOL-
VOL+
CN7101
CN7003
52045-0845
UCOM-G
UCOM+5V
VOL/UP
VOL/DN
VOL-LED
VOL-DET
VOL-G
VOL+5V
CN7301
REMOTE SIGNAL CONTROL
GP1U27X
2SA1037K
DTC124EK-TLB
CN7001
52045-3245
D3/3 F CN904
* D7007~D7010, D7051~D7057 : 1SS355

4. REMOTE CONTROL UNIT [AXD7255(E8)]

4.1 CONTRAST OF MISCELLANEOUS PARTS

NOTES :
- *Parts marked by "* NSP *" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screw adjacent to ▼ mark on the product are used for disassembly.*
- *Reference Nos. indicate the pages and Nos. in the service manual for the base model.*

■ CONTRAST OF AXD7254 AND AXD7255

AXD7254 and AXD7255 are constructed the same except for the following:

Ref. No.	Mark	Symbol and Description	Part No.		Remarks
			AXD7254(39)	AXD7255(E8)	
P99-13		Seal A	AZA7367	AZA7369	
P99-14		Seal B	AZA7368	AZA7370	
P99-16		Case A	AZN7840	AZN7839	(Gold)
P99-17		Name Plate	AZA7393	AZA7394	(Gold)
P99-21		Case B	AZN7784	AZA7394	(Gold)
P99-23		Pen Holder	AZN7786	AZN7798	
P99-26		Battery Cover	AZN7785	AZN7797	
P99-30		Touch Pen	E-AA1445-001	AZA7350	
P99-32		Slide Knob	AZA7347	AZA7365	
P99-36		Key Top A	AZA7345	AZA7363	
P99-37		Key Top B	AZA7346	AZA7364	
P99-39		Rubber Sheet B	AZA7349	AZA7371	