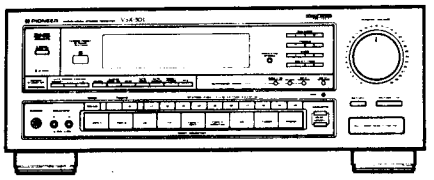
PIONEER®
The Art of Entertainment

5

Service Manual



ORDER NO.
ARZ2558

AUDIO/VIDEO STEREO RECEIVER

VSX-501
VSX-511S
VSX-52

RECEIVED
OCT 19 1992

CIRCUIT DIAGRAMS &
PATTERN LAYOUTS
WITH MICROFICHE

(MICROFICHE PORTION LOCATED INSIDE BACK COVER)

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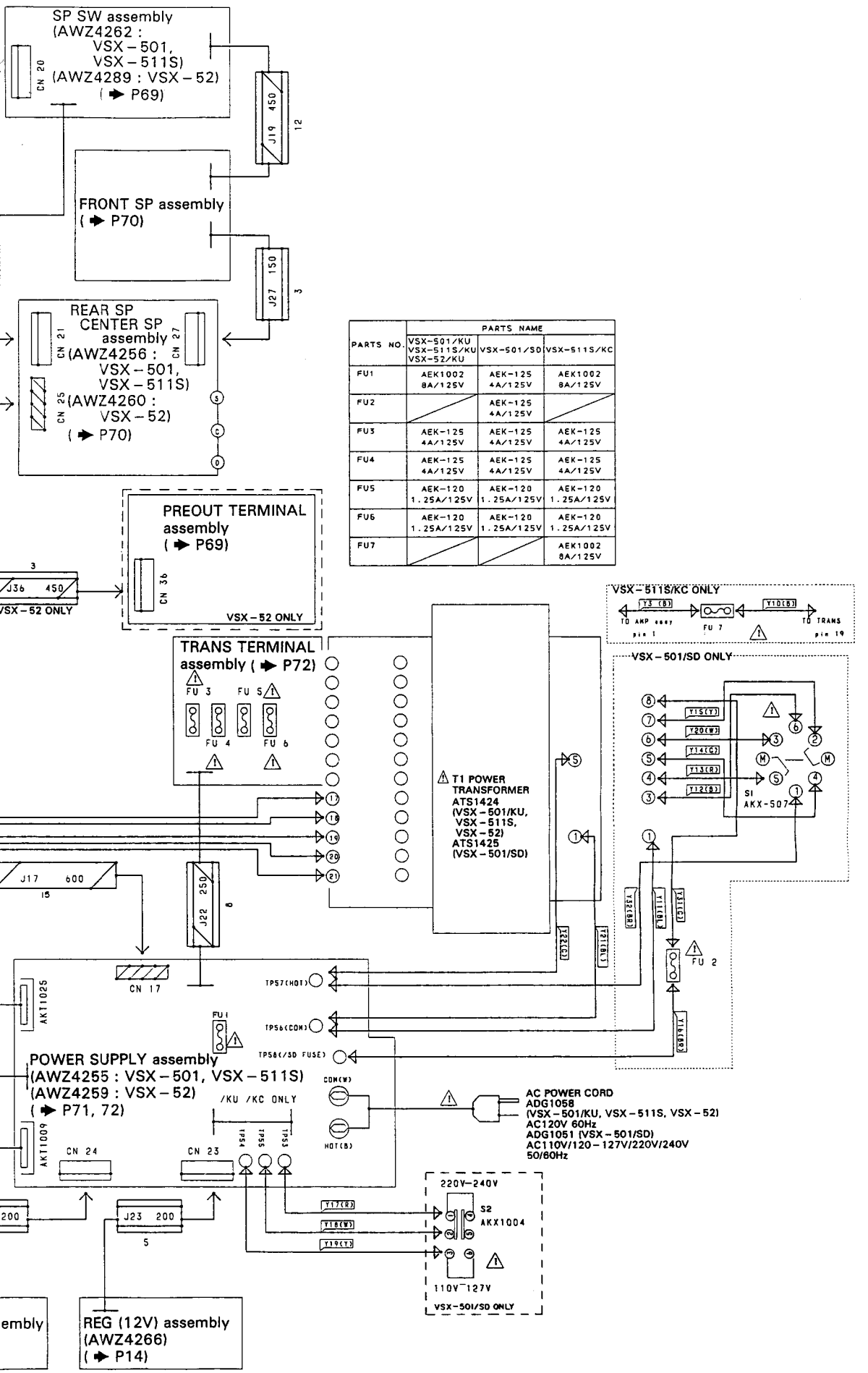
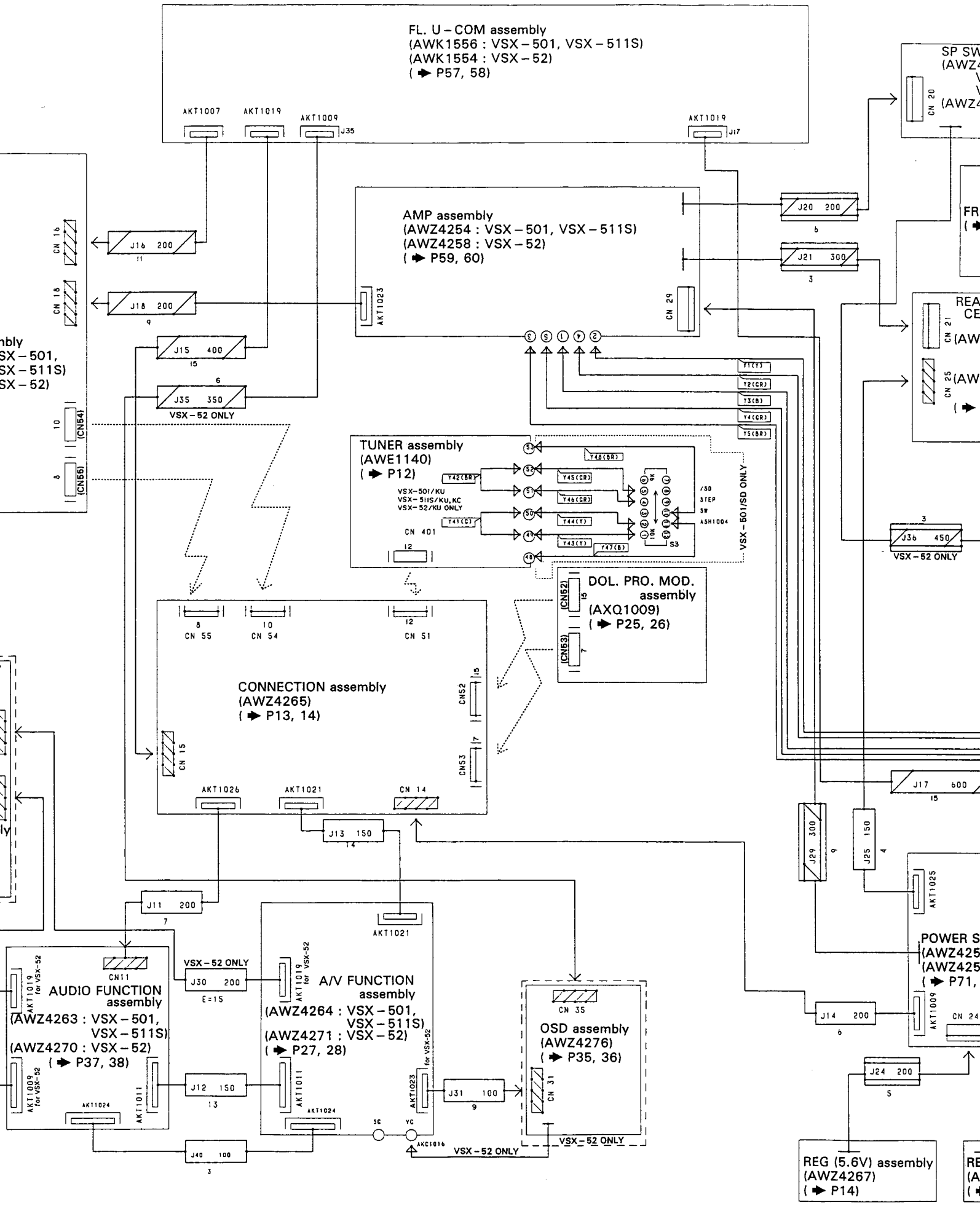


PARTS NO.	PARTS NAME		
	VSX-501/KU VSX-511S/KU VSX-52/KU	VSX-501/SD	VSX-511S/KC
FU1	AEK1002 8A/125V	AEK-125 4A/125V	AEK1002 8A/125V
FU2		AEK-125 4A/125V	
FU3	AEK-125 4A/125V	AEK-125 4A/125V	AEK-125 4A/125V
FU4	AEK-125 4A/125V	AEK-125 4A/125V	AEK-125 4A/125V
FU5	AEK-120 1.25A/125V	AEK-120 1.25A/125V	AEK-120 1.25A/125V
FU6	AEK-120 1.25A/125V	AEK-120 1.25A/125V	AEK-120 1.25A/125V
FU7			AEK1002 8A/125V


FL. U – COM assembly
(AWK1556 : VSX – 501, VSX – 511S)
(AWK1554 : VSX – 52)
(➡ P57, 58)
AKT1007
AKT1019
AKT1009
J35
AKT1019
J17
AMP assembly
(AWZ4254 : VSX – 501, VSX – 511S)
(AWZ4258 : VSX – 52)
(➡ P59, 60)
J20 200
J21 300
AKT1023
CN 29
J16 200
J18 200
J15 400
J35 350
VSX – 52 ONLY
CN 16
CN 18
CN 54
CN 55
TUNER assembly
(AWE1140)
(➡ P12)
VSX-501/KU
VSX-511S/KU,KC
VSX-52/KU ONLY
CN 401
/SD STEP SW ASH1004
S3
VSX – 501/SD ONLY
J36 450
VSX – 52 ONLY
DOL. PRO. MOD. assembly
(AXQ1009)
(➡ P25, 26)
CN62
CN63
CONNECTION assembly
(AWZ4265)
(➡ P13, 14)
CN 55
CN 54
CN 51
CN 15
CN52
CN53
AKT1026
AKT1021
CN 14
J13 150
J17 600
J29 300
J25 150
AKT1025
J11 200
AKT1021
AUDIO FUNCTION assembly
(AWZ4263 : VSX – 501, VSX – 511S)
(AWZ4270 : VSX – 52)
(➡ P37, 38)
CN11
VSX – 52 ONLY
J30 200
A/V FUNCTION assembly
(AWZ4264 : VSX – 501, VSX – 511S)
(AWZ4271 : VSX – 52)
(➡ P27, 28)
AKT1019 for VSX-52
AKT1009 for VSX-52
AKT1011
AKT1024
J12 150
J40 100
AKT1023 for VSX-52
J31 100
SC
VC
AKC1016
VSX – 52 ONLY
CN 35
OSD assembly
(AWZ4276)
(➡ P35, 36)
CN 31
J14 200
AKT1009
J24 200
REG (5.6V) assembly
(AWZ4267)
(➡ P14)
POWER S
(AWZ425
(AWZ425
(➡ P71,

5. SCHEMATIC AND PCB CONNECTIONS DIAGRAMS

5.1 OVERALL SCHEMATIC DIAGRAM

Note: (Type 1)

1. **When ordering service parts, be sure to refer to "PARTS LIST of EXPLODED VIEWS" or "PCB PARTS LIST".**
2. **Since these are basic circuits, some parts of them or the values of some components may be changed for improvement.**
3. **RESISTORS:**
   Unit: k:kΩ, M:MΩ, or Ω unless otherwise noted.
   Rated power: 1/4W, 1/6W, 1/8W, 1/10W unless otherwise noted.
   Tolerance: (F): ±1%, (G): ±2%, (K): ±10%, (M): ±20% or ±5% unless otherwise noted.
4. **CAPACITORS:**
   Unit: p:pF or µF unless otherwise noted.
   Ratings: capacitor (µF)/ voltage (V) unless otherwise noted.
   Rated voltage: 50V except for electrolytic capacitors.
5. **COILS:**
   Unit: m:mH or µH unless otherwise noted.
6. **VOLTAGE AND CURRENT:**
   [V] : Signal voltage at rated output.
   ⌐V¬ : DC voltage (V) at no input signal unless otherwise noted. Value in ( ) is DC voltage at rated power.
   ⇦ mA or ← mA : DC current at no input signal unless otherwise noted.
7. **OTHERS:**
   - ➡ : Signal route.
   - ⊘ : Adjusting point.
   - ▼ (Red) : Measurement point.
   - The ⚠ mark found on some component parts indicates the importance of the safety factor of the parts. Therefore, when replacing, be sure to use parts of identical designation.
8. **SWITCHES** (Underline indicates switch position):

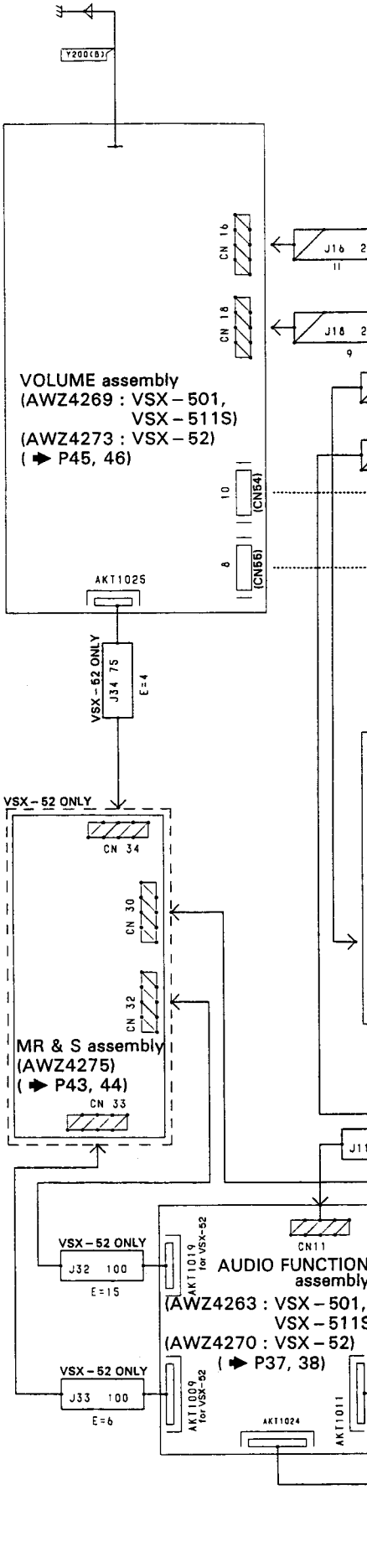
S1	LINE VOLTAGE SELECTOR (VSX – 501/SD ONLY) AC110V/120 – 127V/220V/240V
S2	LINE VOLTAGE SELECTOR (VSX – 501/SD ONLY) AC110 – 127V/220 – 240V
S3	CH. STEP (VSX – 501/SD ONLY) 9kHz – 10kHz

FL. U – COM assembly

S601	SIMULATED STEREO
S602	OSD SELECT (VSX – 52 ONLY)
S603	POWER
S604	ASC MEMORY
S605	SIMULATED SURR.
S606	VIDEO SELECTOR
S607	BAND
S608	ASC 1
S609	STUDIO
S610	MR & S (VSX – 52 ONLY)
S611	TUNING DOWN
S612	ASC 2
S613	EFECT DOWN
S614	VCR 1
S615	TUNING UP
S616	MEMORY
S617	BASS DOWN
S618	VCR 2
S619	1
S620	CUSTOM SELECT
S621	TREBLE DOWN
S622	LD
S623	2
S624	SCAN
S625	PROLOGIC
S626	TV
S627	3
S628	AUTO MONO
S629	BALANCE LCH
S631	4
S632	AUTO MANUAL
S633	EFECT UP
S634	TAPE 1/DAT
S635	5
S636	DIRECT ACCESS
S637	BASS UP
S638	TAPE 2/MONITOR
S639	6
S640	HITS
S641	3CH LOGIC
S642	CD
S643	7
S645	TREBLE UP
S646	TUNER
S647	8
S649	BALANCE RCH
S650	PHONO
S651	9
S653	RETURN
S654	ACOUSTIC SELECT
S655	0
S657	MUTING
S658	ACOUSTIC MEMORY
S659	RESET

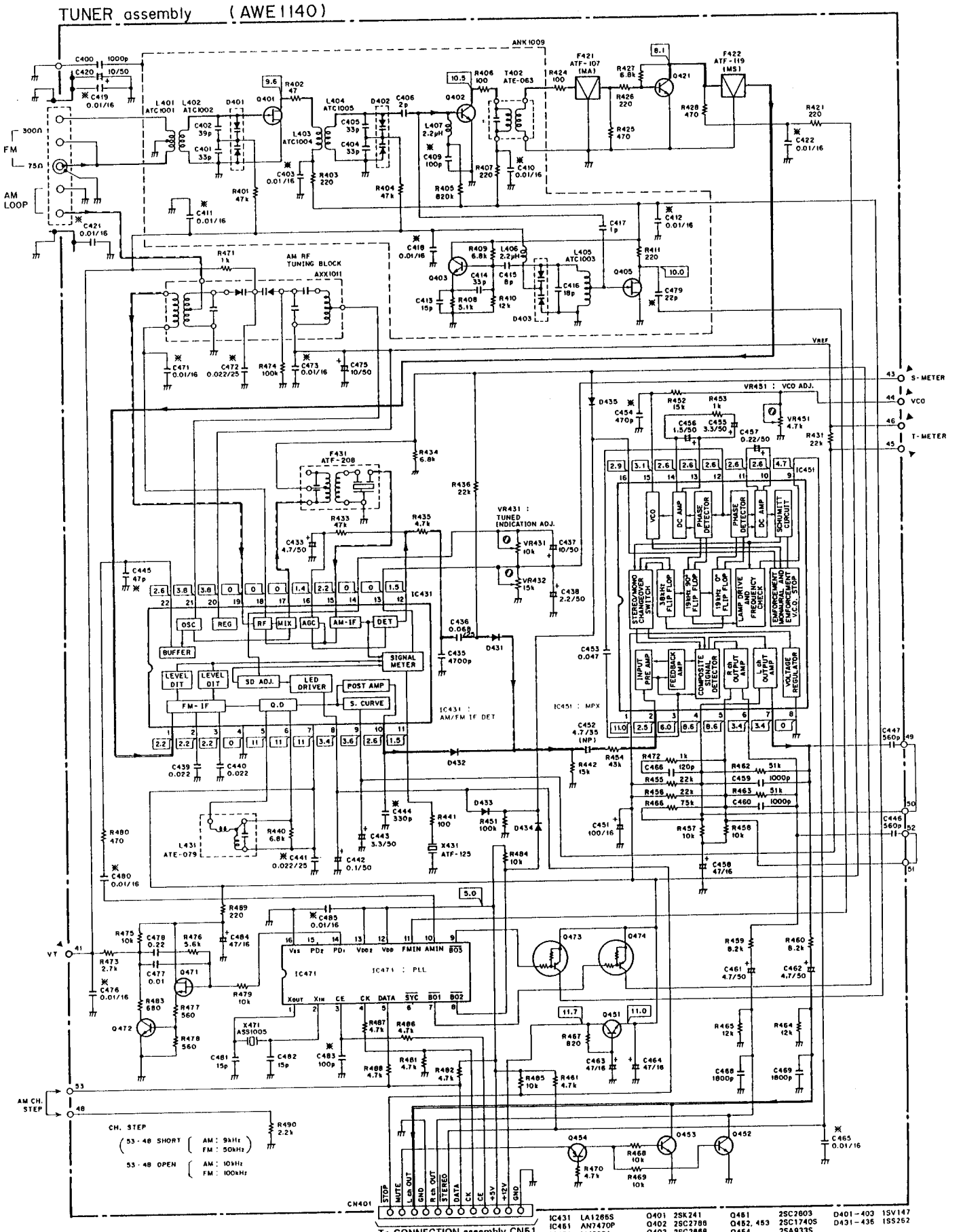
SP SW assembly

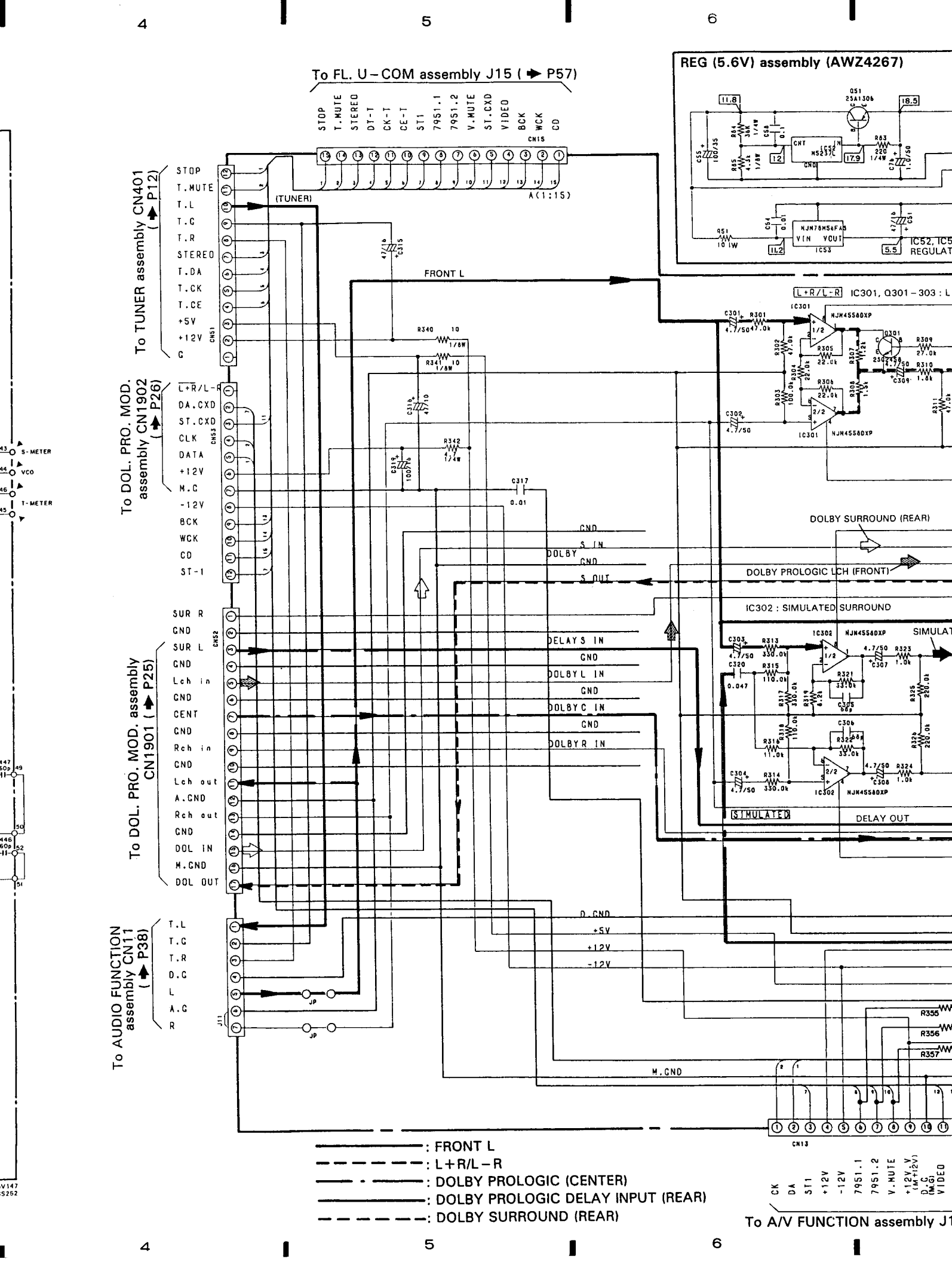
S251	SP – A ON/OFF
	SP – B ON/OFF

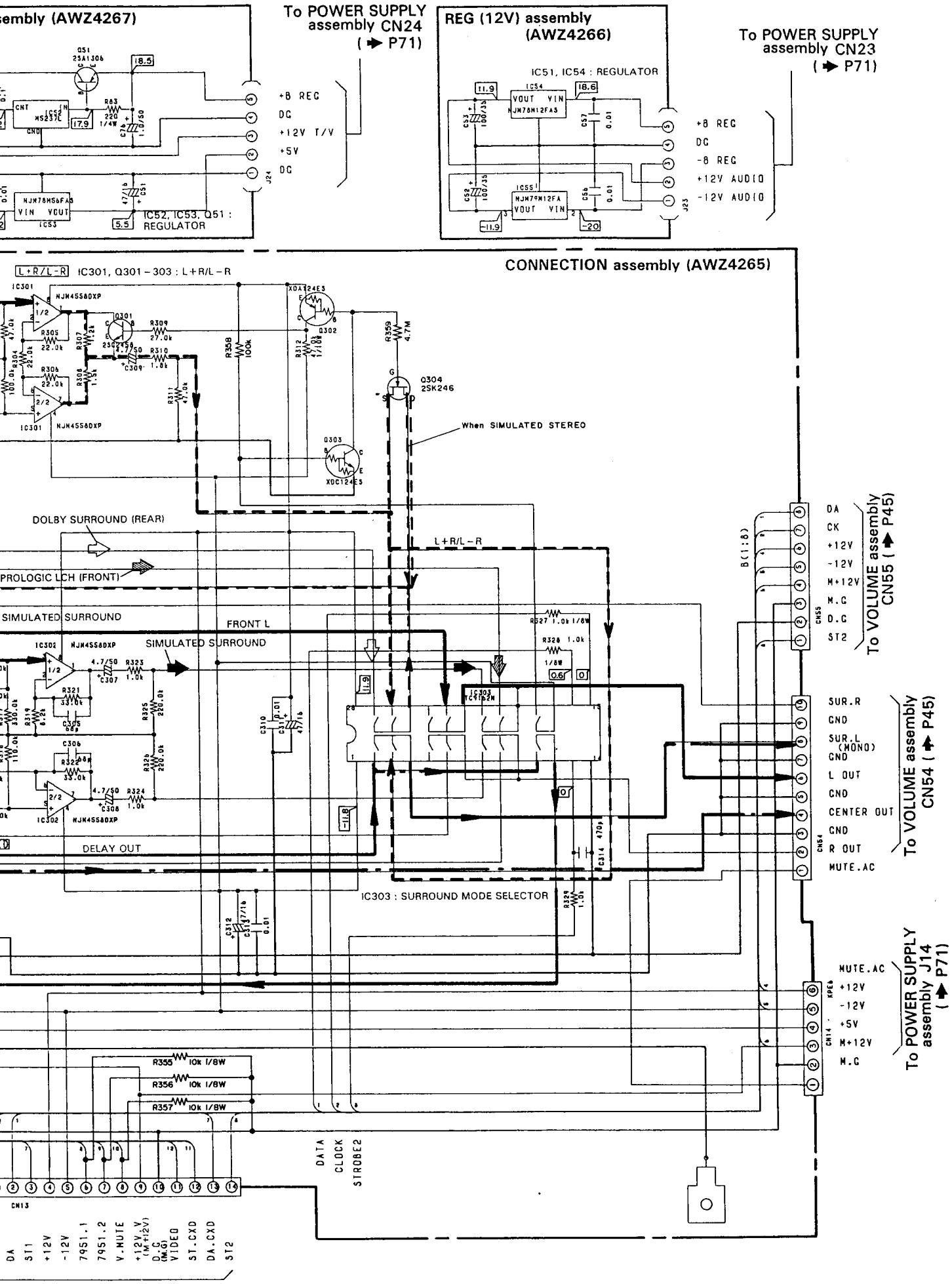


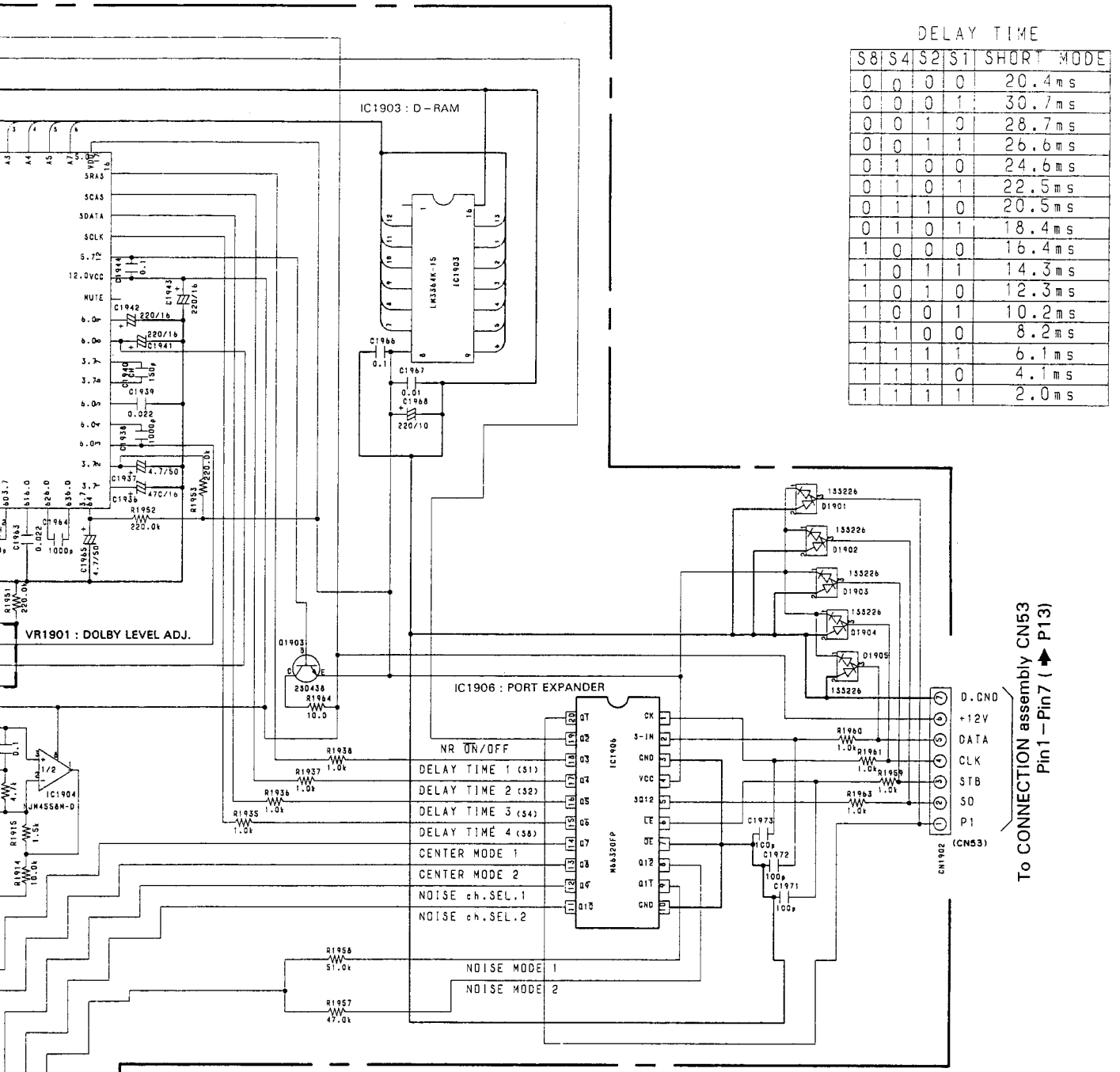
5.2 TUNER ASSEMBLY, CONNECTION ASSEMBLY, REG (12V) ASSEMBLY AND REG (5.6V) ASSEMBLY

TUNER assembly (AWE1140)




To FL. U-COM assembly J15 (➡ P57)
STOP
T.MUTE
STEREO
DT-T
CK-T
CE-T
ST1
79S1.1
79S1.2
V.MUTE
ST.CXD
VIDEO
BCK
WCK
CD
CN1S
A(1:15)
REG (5.6V) assembly (AWZ4267)
To TUNER assembly CN401 (➡ P12)
STOP
T.MUTE
T.L
T.G
T.R
STEREO
T.DA
T.CK
T.CE
+5V
+12V
G
CNS1
(TUNER)
FRONT L
To DOL. PRO. MOD. assembly CN1902 (➡ P26)
L+R/L-R
DA.CXD
ST.CXD
CLK
DATA
+12V
M.G
-12V
BCK
WCK
CD
ST-I
CNS3
L+R/L-R IC301, Q301 - 303 : L
IC301
NJM4558DXP
IC302 : SIMULATED SURROUND
SIMULATED
DELAY OUT
DOLBY SURROUND (REAR)
DOLBY PROLOGIC LCH (FRONT)
CND
S IN
DOLBY
GND
S OUT
DELAY S IN
GND
DOLBY L IN
GND
DOLBY C IN
GND
DOLBY R IN
To DOL. PRO. MOD. assembly CN1901 (➡ P25)
SUR R
GND
SUR L
GND
Lch in
GND
CENT
GND
Rch in
GND
Lch out
A.GND
Rch out
GND
DOL IN
M.GND
DOL OUT
CNS2
To AUDIO FUNCTION assembly CN11 (➡ P38)
T.L
T.G
T.R
D.G
L
A.G
R
J11
JP
D.GND
+5V
+12V
-12V
M.GND
CN13
: FRONT L
: L+R/L-R
: DOLBY PROLOGIC (CENTER)
: DOLBY PROLOGIC DELAY INPUT (REAR)
: DOLBY SURROUND (REAR)
To A/V FUNCTION assembly J1


sembly (AWZ4267)
To POWER SUPPLY assembly CN24 (➡ P71)
REG (12V) assembly (AWZ4266)
IC51, IC54 : REGULATOR
To POWER SUPPLY assembly CN23 (➡ P71)
+B REG
DC
+12V T/V
+5V
DC
+B REG
DC
-B REG
+12V AUDIO
-12V AUDIO
IC52, IC53, Q51 : REGULATOR
CONNECTION assembly (AWZ4265)
L+R/L-R IC301, Q301 - 303 : L+R/L-R
When SIMULATED STEREO
DOLBY SURROUND (REAR)
PROLOGIC LCH (FRONT)
SIMULATED SURROUND
FRONT L
L+R/L-R
DELAY OUT
IC303 : SURROUND MODE SELECTOR
To VOLUME assembly CN55 (➡ P45)
To VOLUME assembly CN54 (➡ P45)
To POWER SUPPLY assembly J14 (➡ P71)
DA
CK
+12V
-12V
M+12V
M.G
D.G
ST2
SUR.R
GND
SUR.L (MONO)
GND
L OUT
GND
CENTER OUT
GND
R OUT
MUTE.AC
MUTE.AC
+12V
-12V
+5V
M+12V
M.G
DATA
CLOCK
STROBE2
V FUNCTION assembly J13 (➡ P28)



DELAY TIME

S8	S4	S2	S1	SHORT MODE
0	0	0	0	20.4ms
0	0	0	1	30.7ms
0	0	1	0	28.7ms
0	0	1	1	26.6ms
0	1	0	0	24.6ms
0	1	0	1	22.5ms
0	1	1	0	20.5ms
0	1	0	1	18.4ms
1	0	0	0	16.4ms
1	0	1	1	14.3ms
1	0	1	0	12.3ms
1	0	0	1	10.2ms
1	1	0	0	8.2ms
1	1	1	1	6.1ms
1	1	1	0	4.1ms
1	1	1	1	2.0ms

NOISE MODE1	NOISE MODE2	
H	H	3ch
H	L	4ch
L	H	4ch
L	L	NOISE

NOISE ch.SEL.1	AUTO BALANCE
H	ON
L	OFF
NOISE ch.SEL.2	AUTO BALANCE
H	ON
L	Test Mode

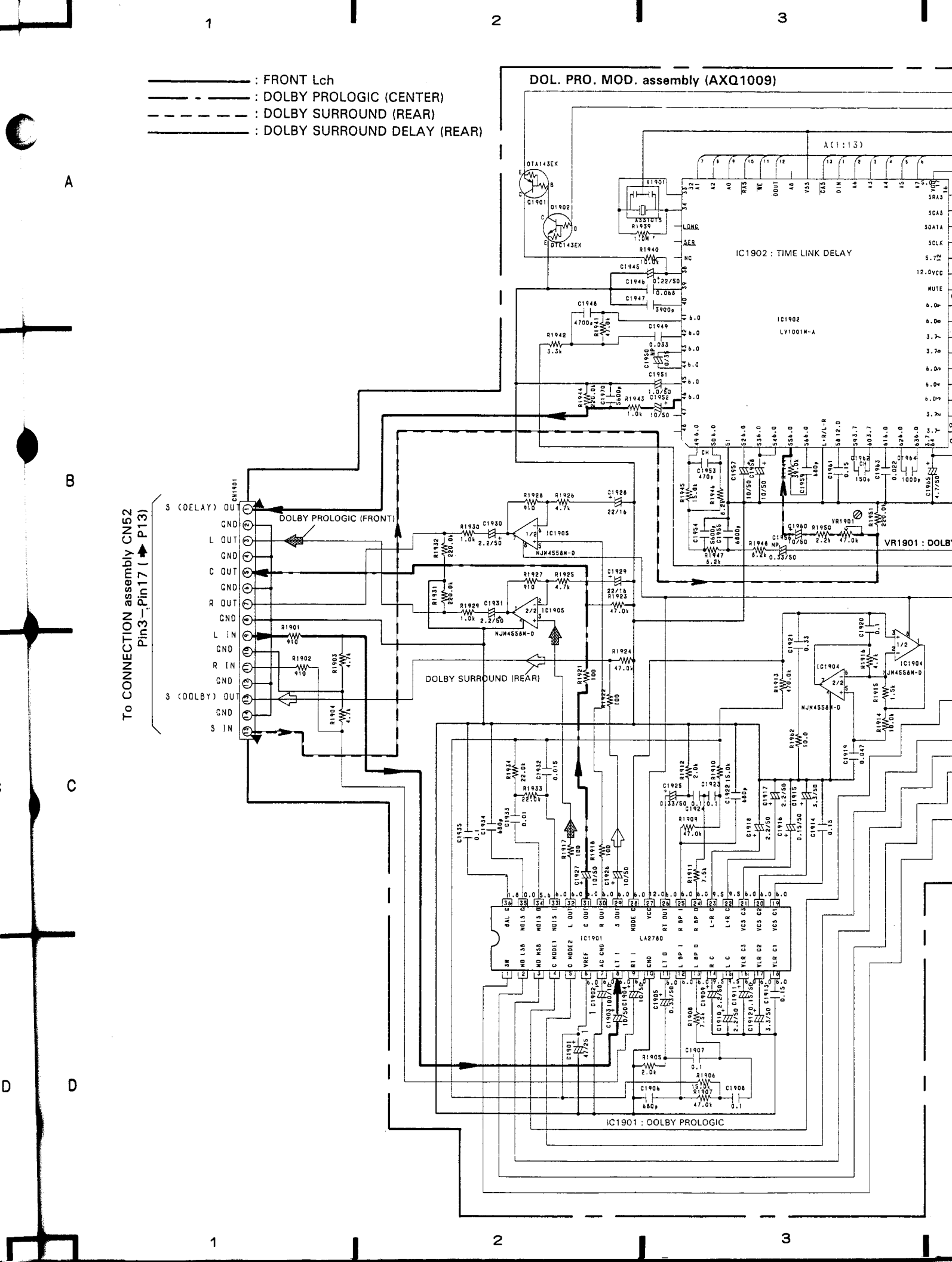
(* 3,4ch MODE)

CENTER MODE1	CENTER MODE2	
L	L	NORMAL
L	H	WIDE
H	L	PHANTOM
H	H	OFF

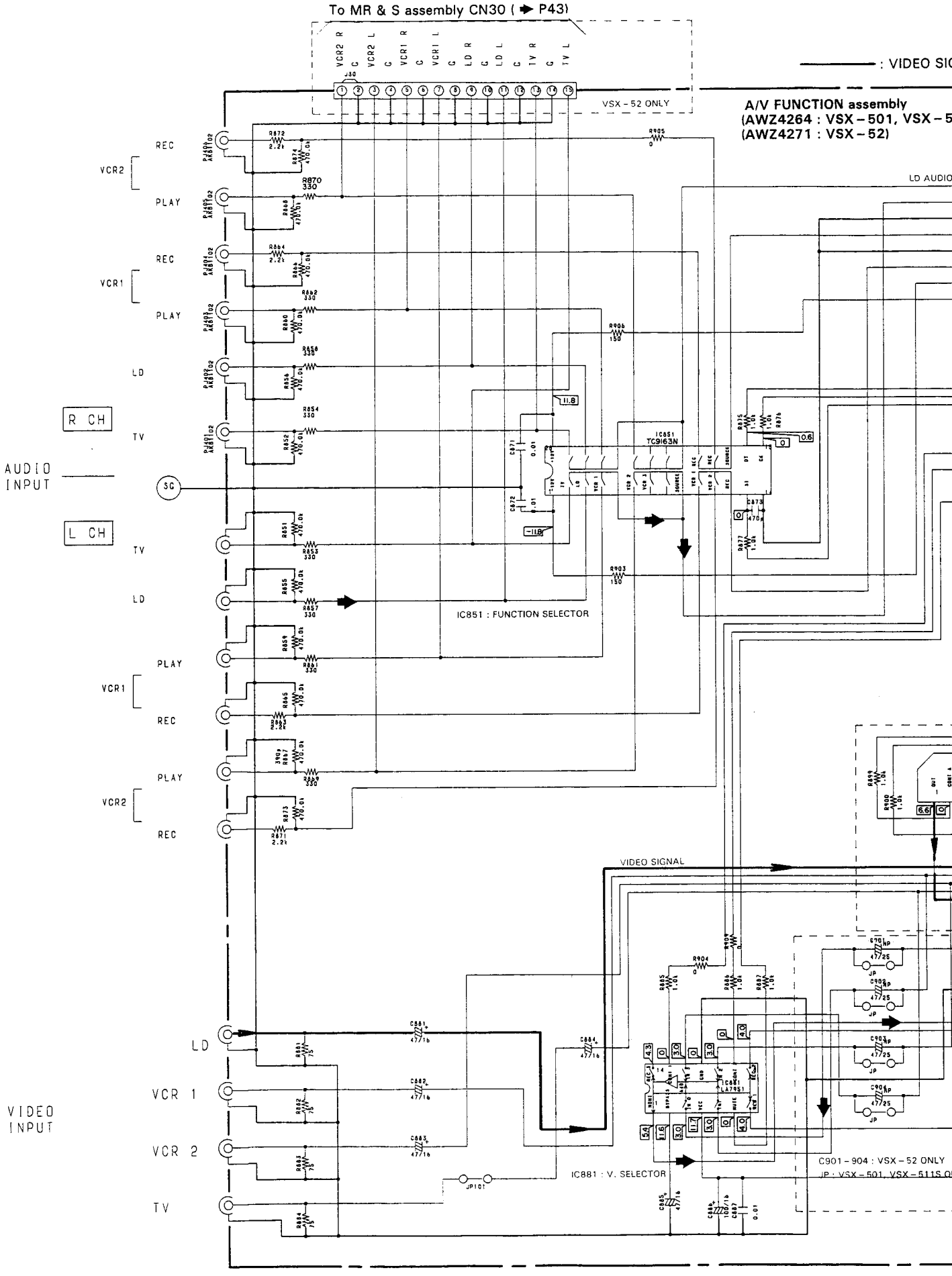
(* 3,4ch MODE)

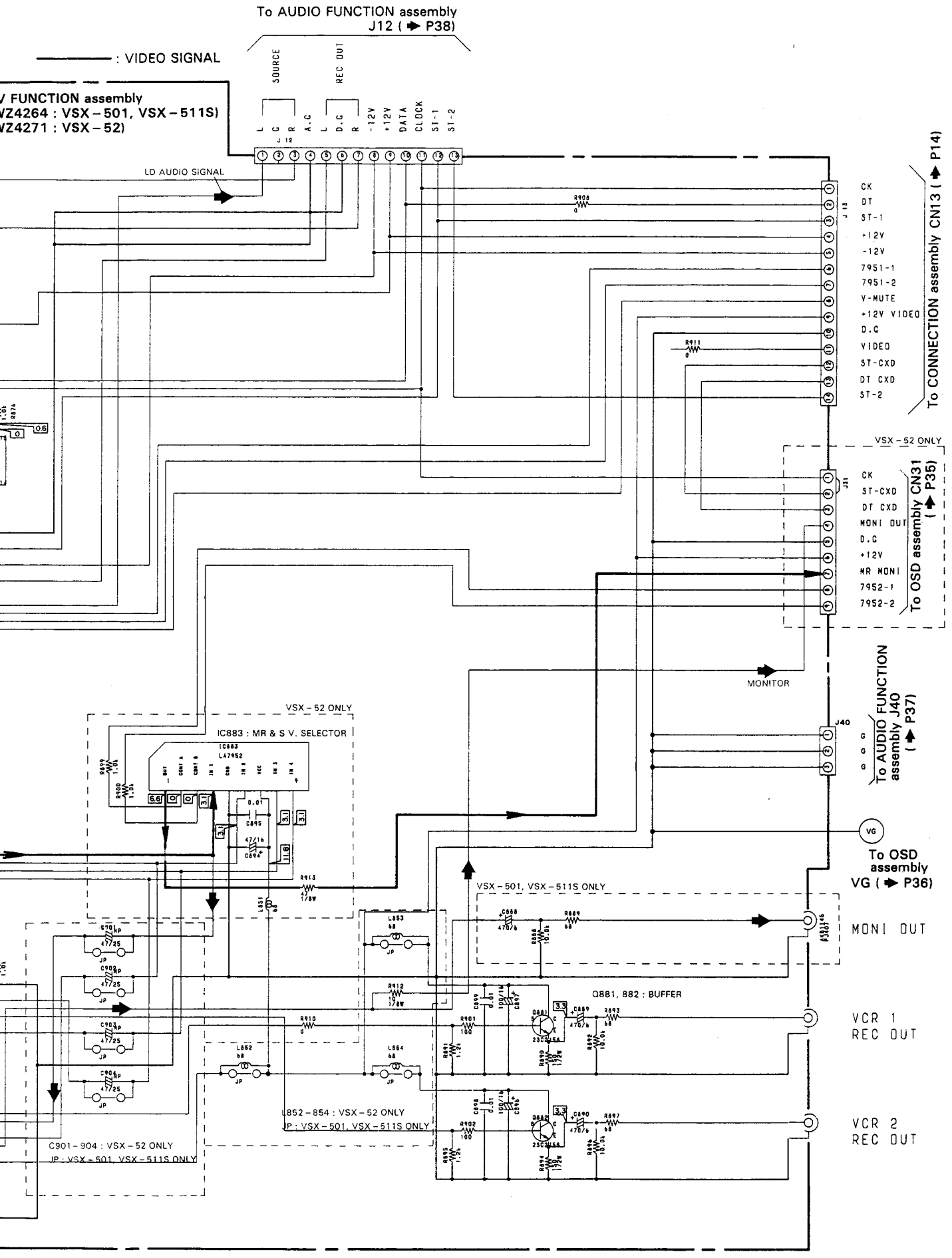
NOISE ch.SEL.1	NOISE ch.SEL.2	ch
L	L	Lch
L	H	Cch
H	L	Rch
H	H	Sch

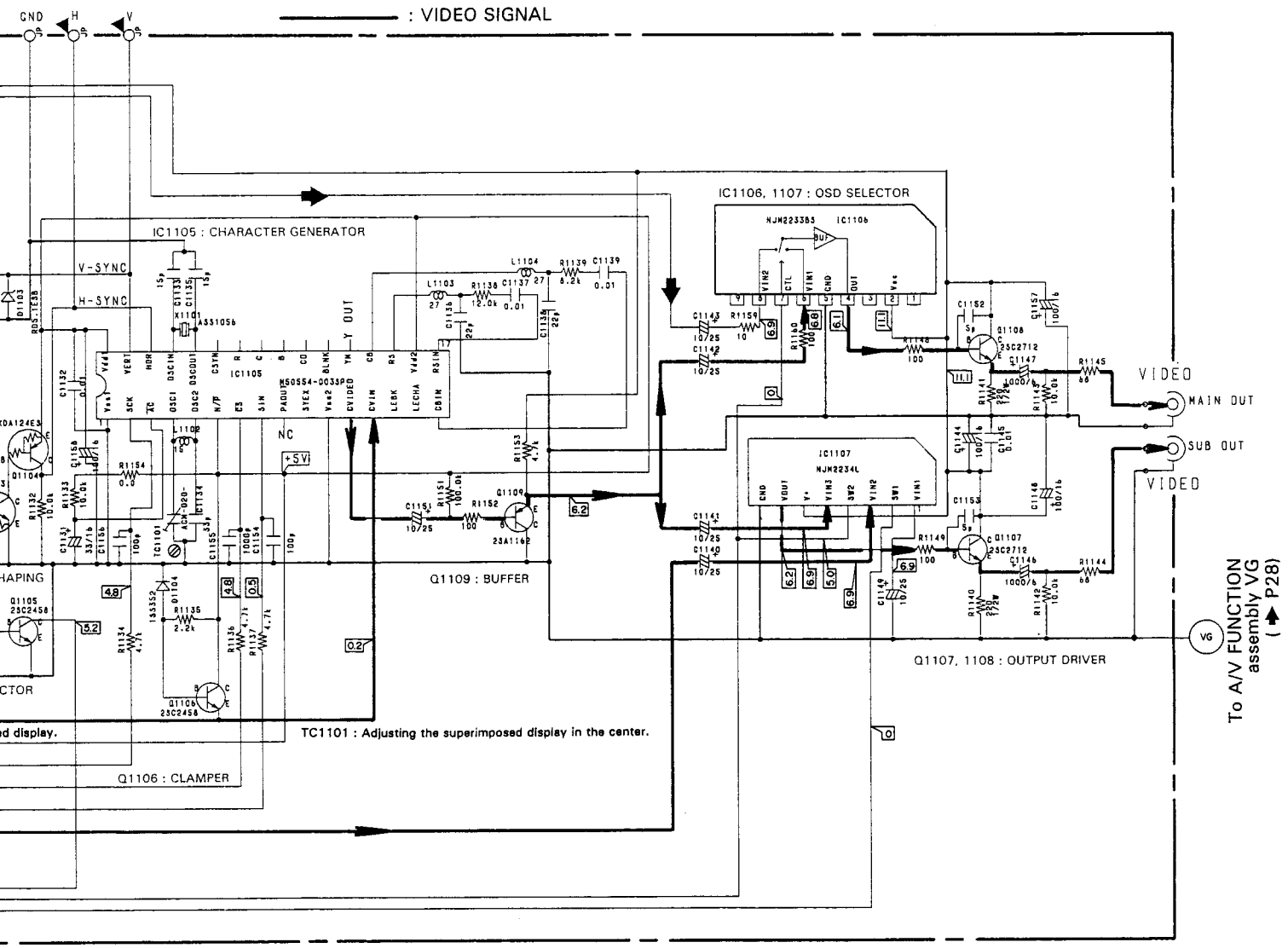
(* NOISE MODE)


: FRONT Lch
: DOLBY PROLOGIC (CENTER)
: DOLBY SURROUND (REAR)
: DOLBY SURROUND DELAY (REAR)
DOL. PRO. MOD. assembly (AXQ1009)
To CONNECTION assembly CN52
Pin3—Pin17 (▲ P13)
S (DELAY) OUT
GND
L OUT
GND
C OUT
GND
R OUT
GND
L IN
GND
R IN
GND
S (DOLBY) OUT
GND
S IN
DOLBY PROLOGIC (FRONT)
DOLBY SURROUND (REAR)
IC1902 : TIME LINK DELAY
IC1901 : DOLBY PROLOGIC
VR1901 : DOLB
NJM4558M-D
LA2760
LV1001M-A
1 2 3
A
B
C
D

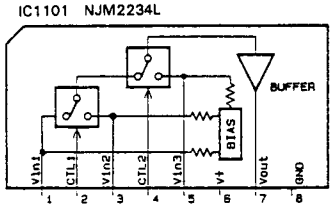
5.4 A/V FUNCTION ASSEMBLY

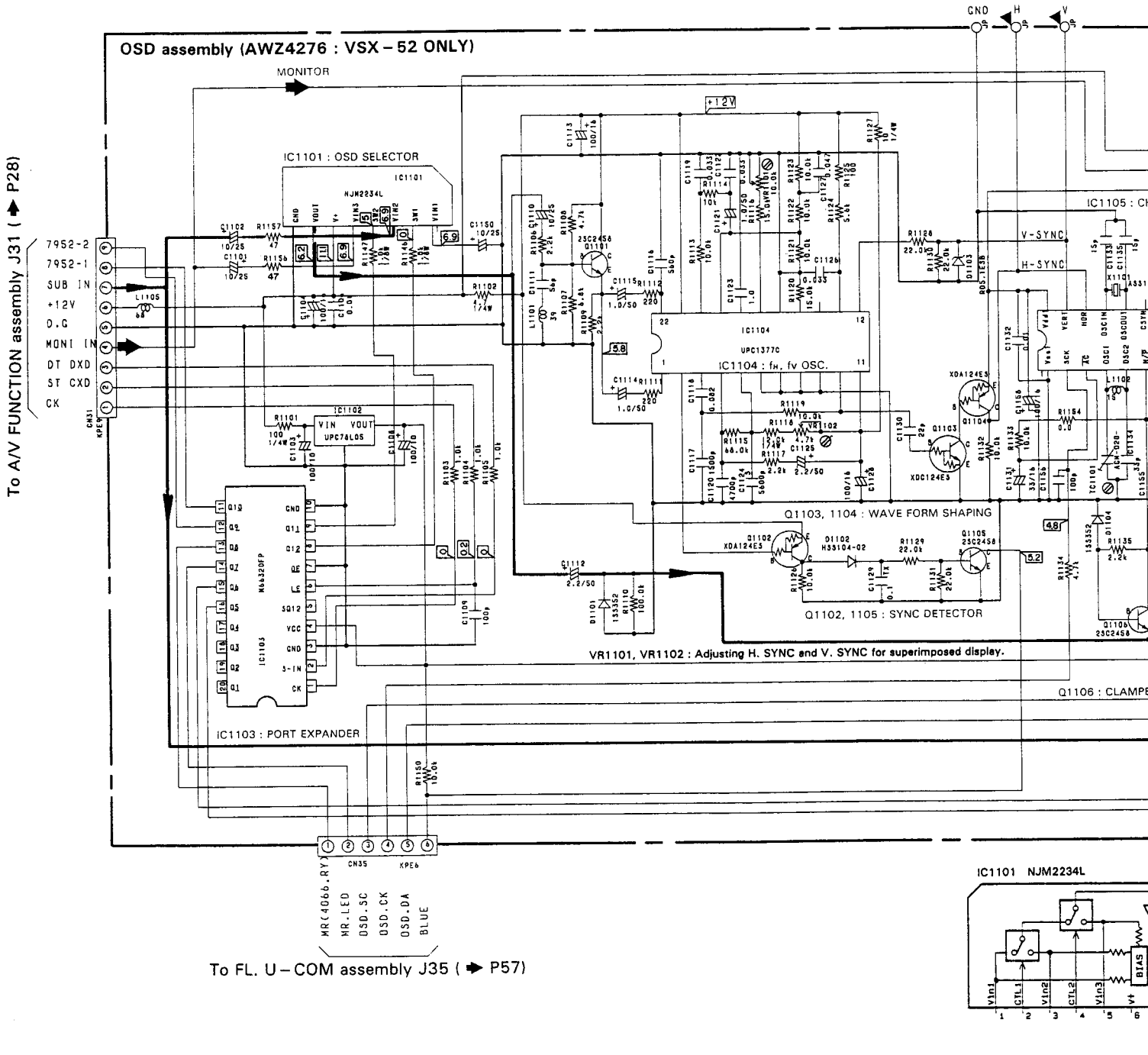



To AUDIO FUNCTION assembly
J12 (➡ P38)
: VIDEO SIGNAL
V FUNCTION assembly
VZ4264 : VSX – 501, VSX – 511S)
VZ4271 : VSX – 52)
SOURCE
REC OUT
L
C
R
A.G
L
D.G
R
-12V
+12V
DATA
CLOCK
ST-1
ST-2
J12
LD AUDIO SIGNAL
R908
R911
CK
DT
ST-1
+12V
-12V
7951-1
7951-2
V-MUTE
+12V VIDEO
D.G
VIDEO
ST-CXD
DT CXD
ST-2
To CONNECTION assembly CN13 (➡ P14)
VSX – 52 ONLY
J31
CK
ST-CXD
DT CXD
MONI OUT
D.G
+12V
MR MONI
7952-1
7952-2
To OSD assembly CN31
(➡ P35)
MONITOR
VSX – 52 ONLY
IC883 : MR & S V. SELECTOR
IC883
LA7952
J40
G
G
G
To AUDIO FUNCTION
assembly J40
(➡ P37)
VG
To OSD
assembly
VG (➡ P36)
VSX – 501, VSX – 511S ONLY
MONI OUT
Q881, 882 : BUFFER
VCR 1
REC OUT
VCR 2
REC OUT
L852 – 854 : VSX – 52 ONLY
JP : VSX – 501, VSX – 511S ONLY
C901 – 904 : VSX – 52 ONLY
JP : VSX – 501, VSX – 511S ONLY

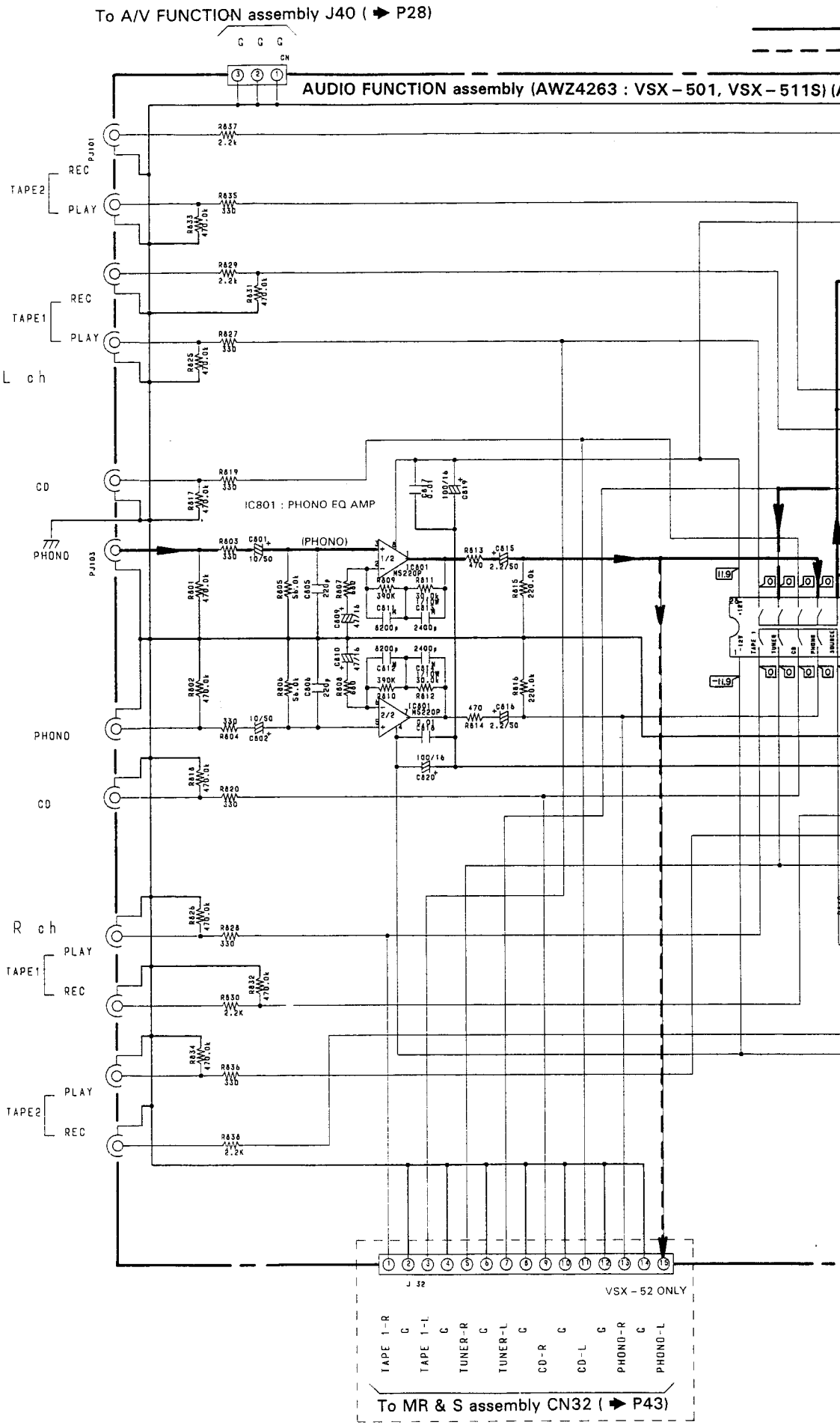


IC1101 NJM2234L

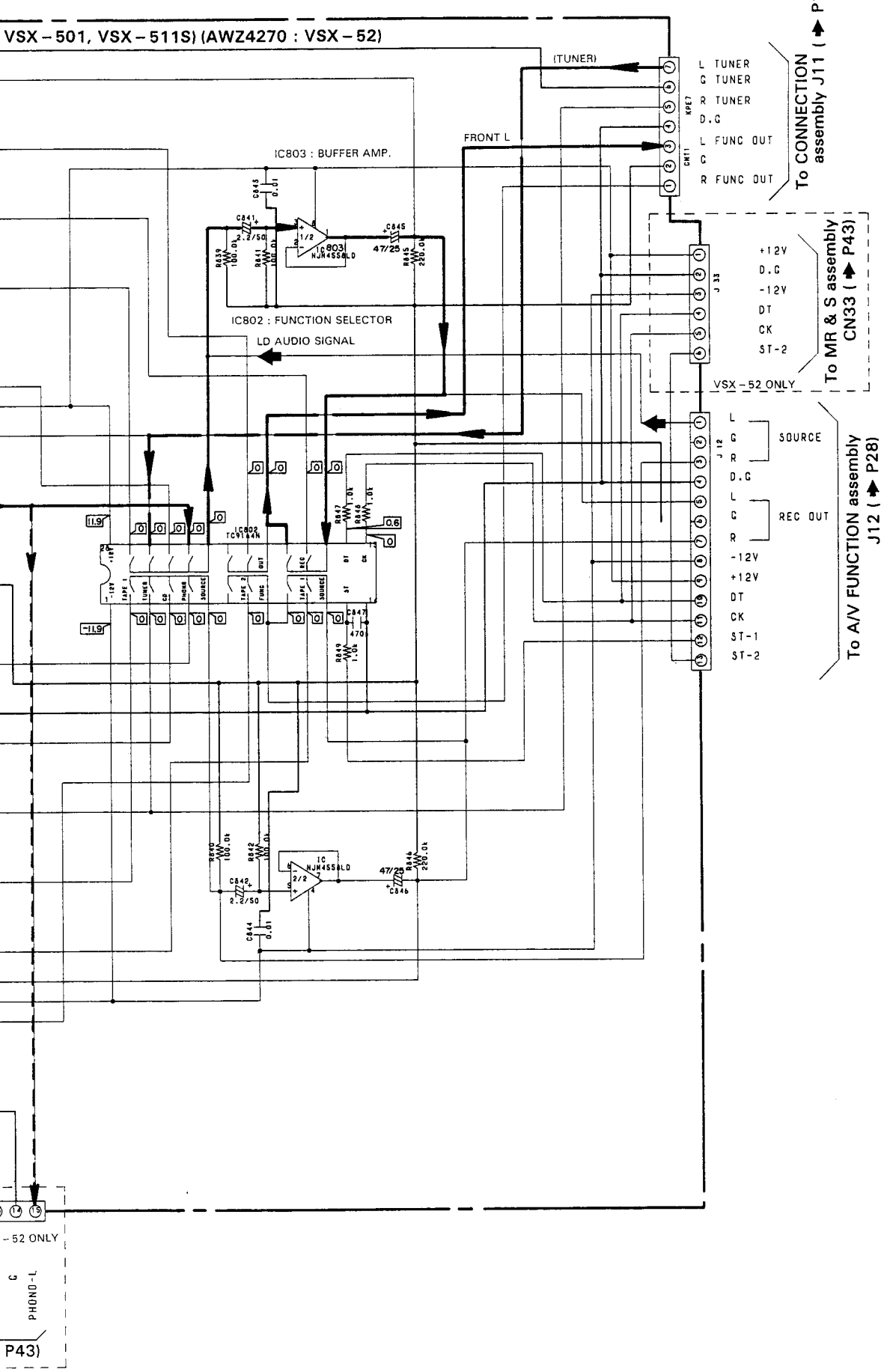



OSD assembly (AWZ4276 : VSX – 52 ONLY)
MONITOR
To A/V FUNCTION assembly J31 (➡ P28)
7952-2
7952-1
SUB IN
+12V
D.G
MONI IN
DT DXD
ST CXD
CK
CN31
KPE5
IC1101 : OSD SELECTOR
IC1101
NJM2234L
IC1102
VIN VOUT
UPC78L05
IC1103 : PORT EXPANDER
M66320FP
IC1104 : fH, fv OSC.
UPC1377C
Q1103, 1104 : WAVE FORM SHAPING
Q1102, 1105 : SYNC DETECTOR
VR1101, VR1102 : Adjusting H. SYNC and V. SYNC for superimposed display.
Q1106 : CLAMPE
IC1105 : CH
V-SYNC
H-SYNC
GND
H
V
+12V
CN35
KPE6
MR(4066.RY)
MR.LED
OSD.SC
OSD.CK
OSD.DA
BLUE
To FL. U – COM assembly J35 (➡ P57)
IC1101 NJM2234L
BIAS

5.6 AUDIO FUNCTION ASSEMBLY



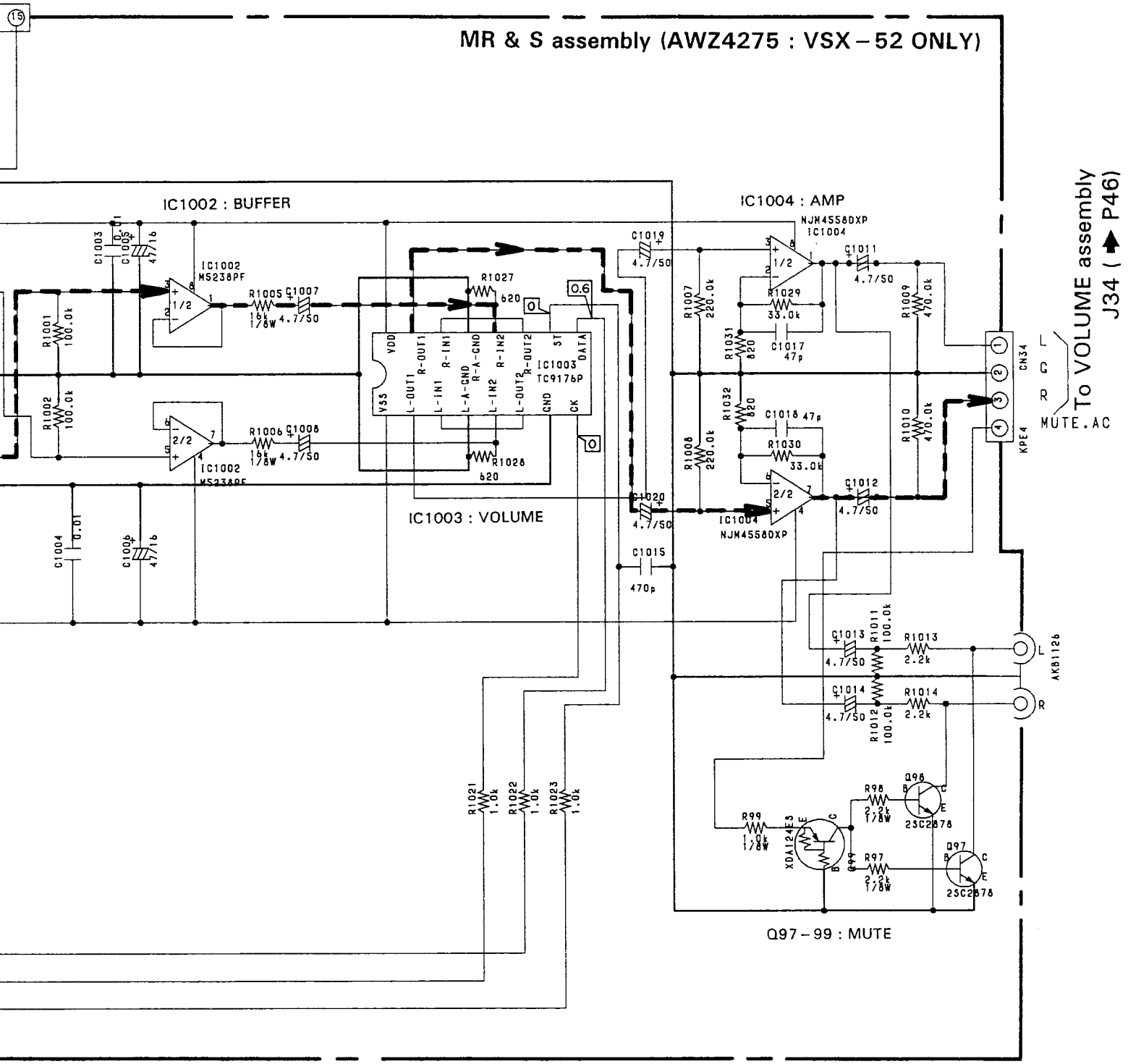
: AUDIO SIGNAL FRONT L
: AUDIO SIGNAL REAR L (VSX – 52 ONLY)

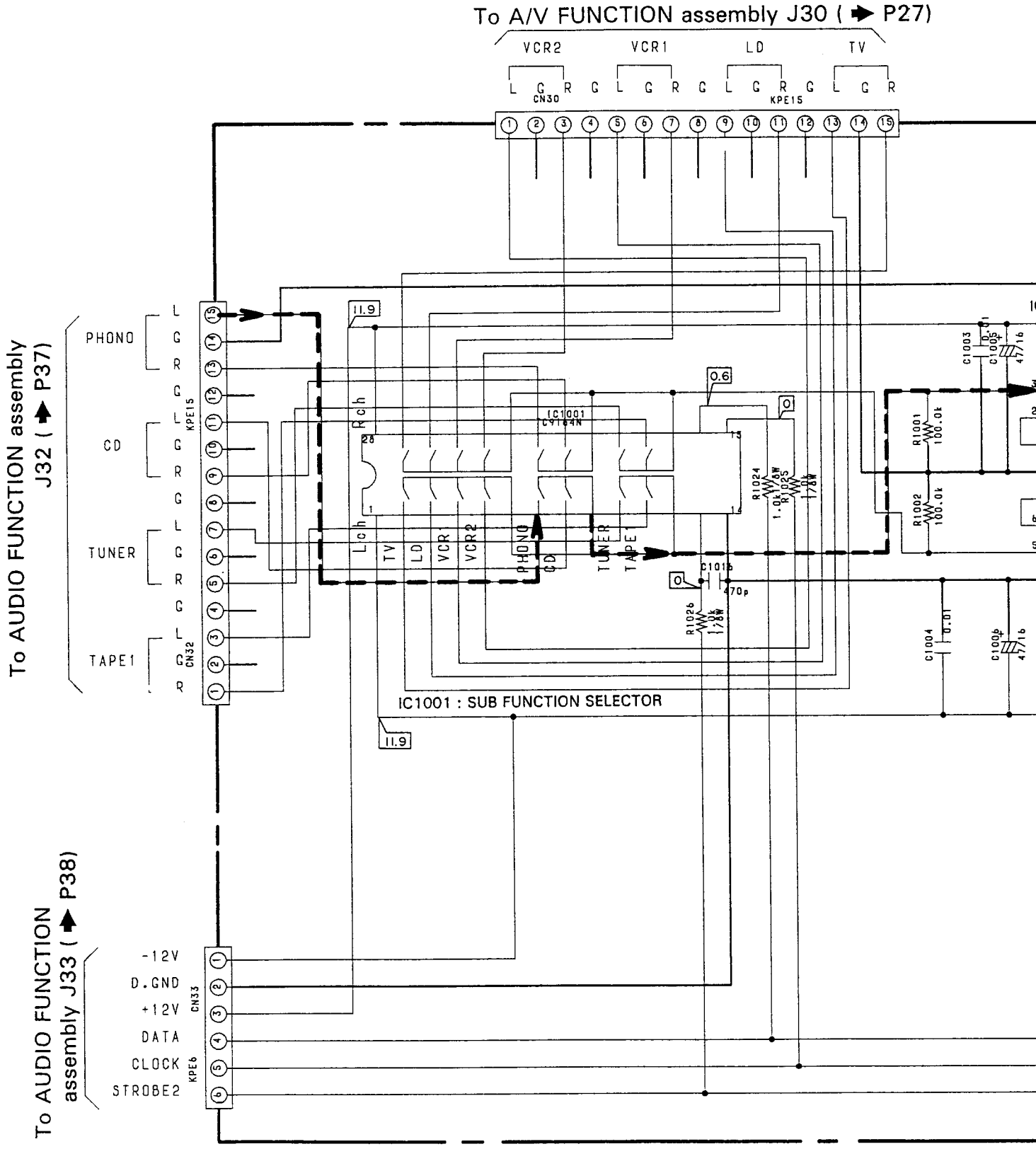


P27)

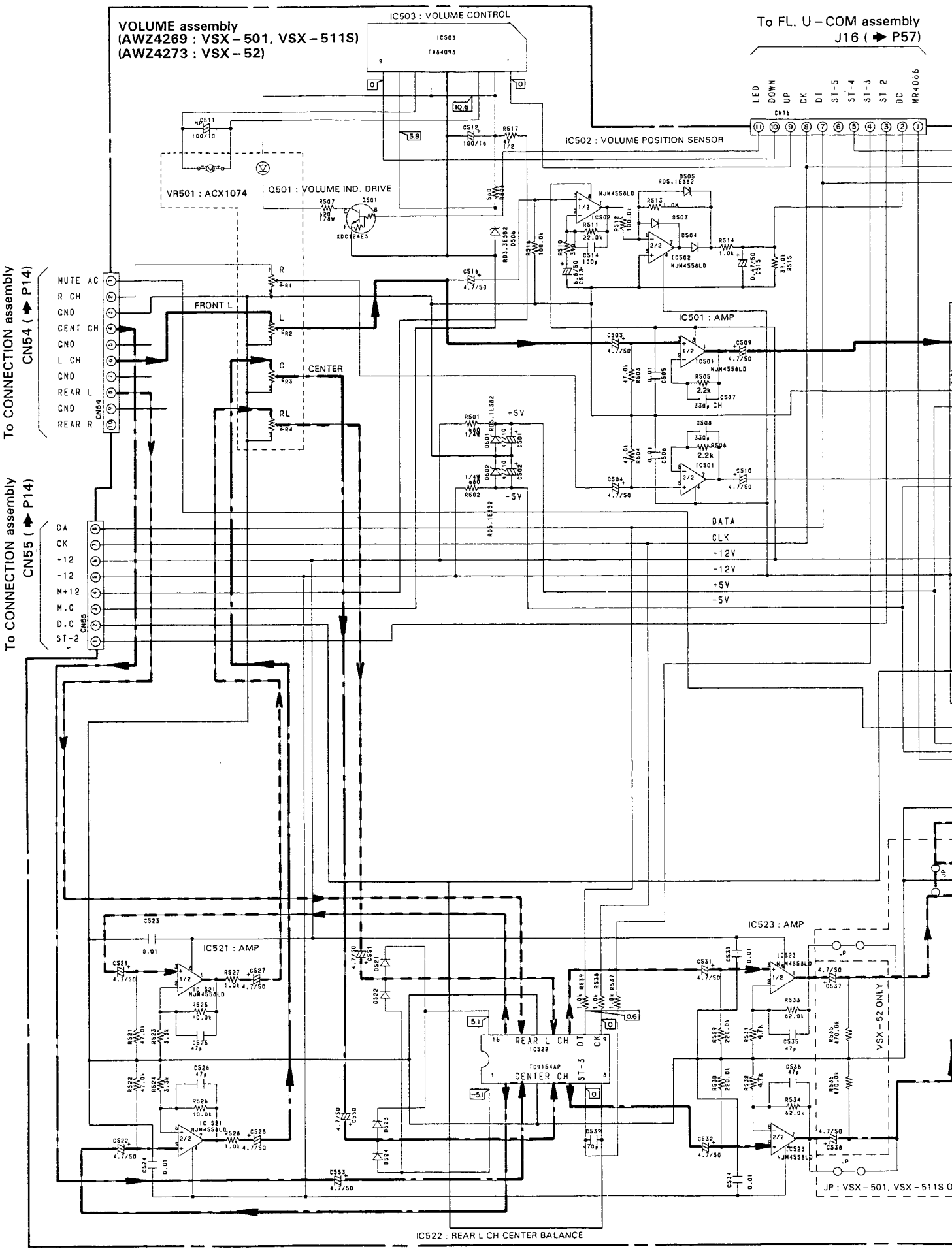
: REAR L

MR & S assembly (AWZ4275 : VSX – 52 ONLY)




To A/V FUNCTION assembly J30 (➡ P27)
VCR2
VCR1
LD
TV
CN30
KPE15
To AUDIO FUNCTION assembly J32 (➡ P37)
PHONO
CD
TUNER
TAPE1
CN32
KPE15
Rch
Lch
IC1001
CY164N
IC1001 : SUB FUNCTION SELECTOR
To AUDIO FUNCTION assembly J33 (➡ P38)
-12V
D.GND
+12V
DATA
CLOCK
STROBE2
CN33
KPE6

5.8 VOLUME ASSEMBLY



FL. U – COM assembly
J16 (➡ P57)

: FRONT L
: CENTER
: REAR L

TONE & BALANCE CONT

IC561 (1/2) : AMP

IC561 (2/2) : BUFFER AMP

IC562 : BALANCE CONTROL

IC563 : TONE CONTROL

IC564 (1/2) : AMP

IC564 (2/2) : AMP

FRONT L

FRONT R
GND
FRONT L
GND
CENTER
GND
REAR L
GND
REAR R

To AMP assembly J18 (➡ P59)

Any diode without part number indicates HSS104 – 02

CENTER

REAR L

IC522, IC562 TC9154AP

IC563 TC9184P

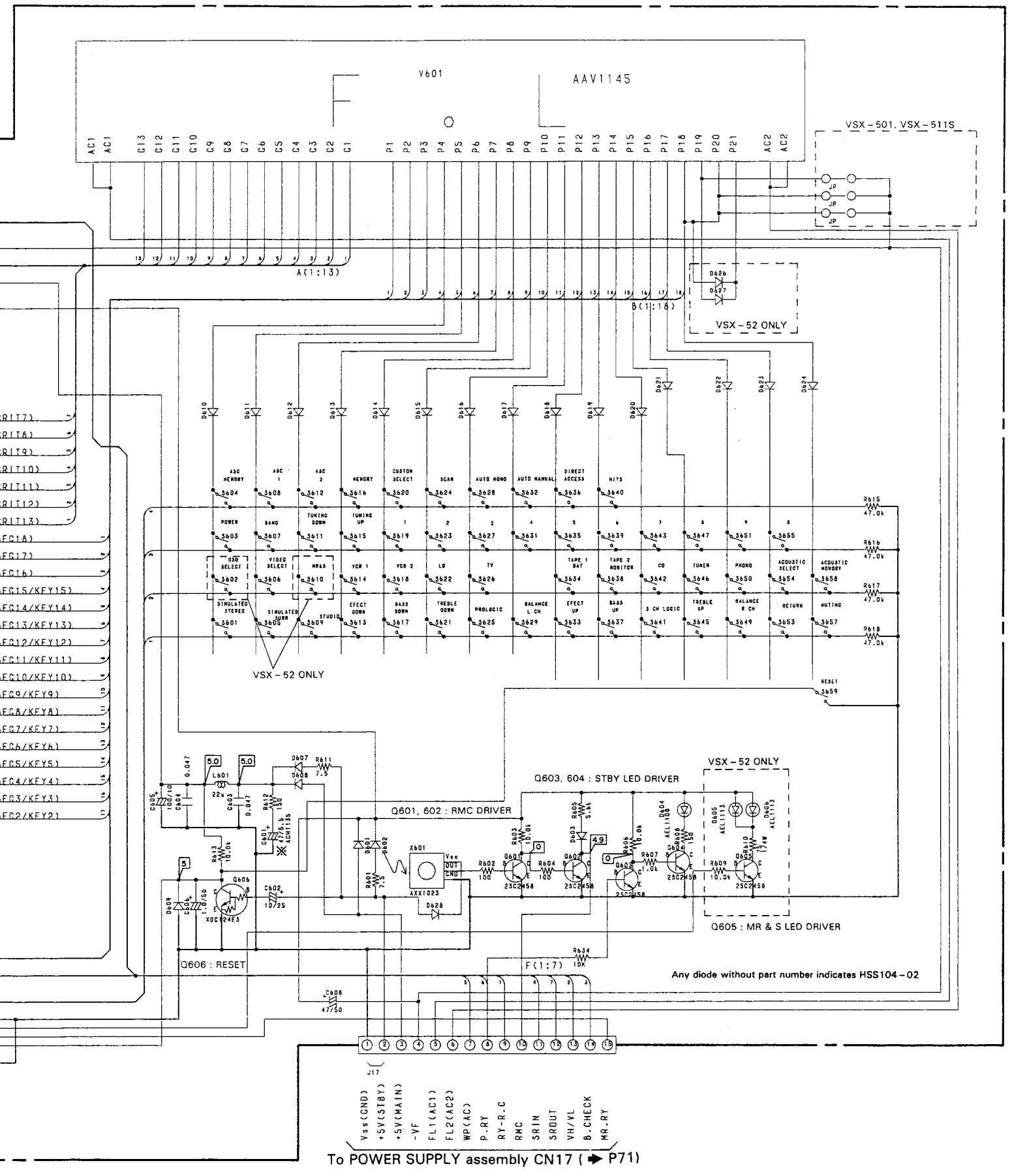
MUTE AC
L
GND
R

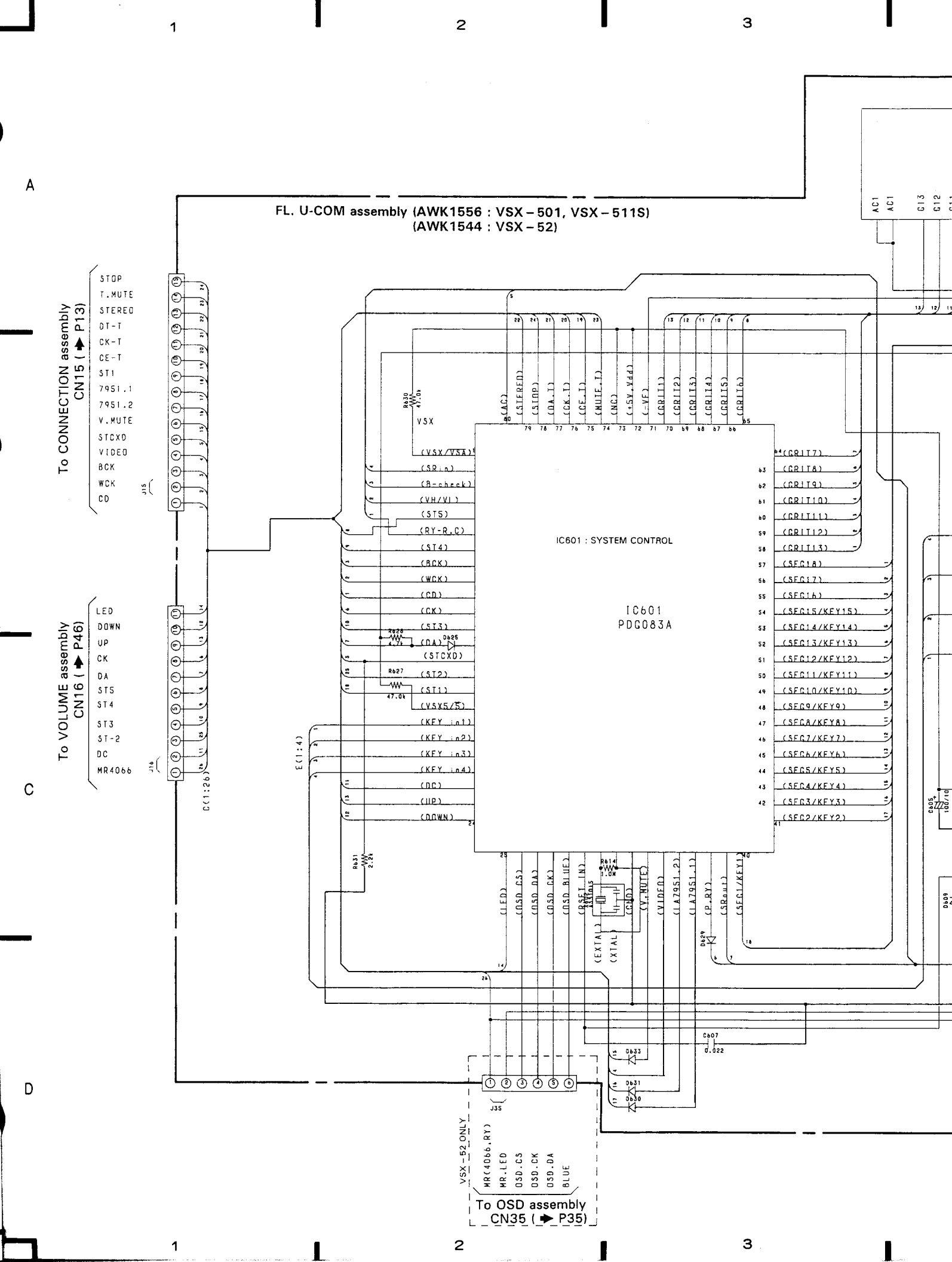
To MR & S assembly CN34 (➡ P44)

VSX – 52 ONLY

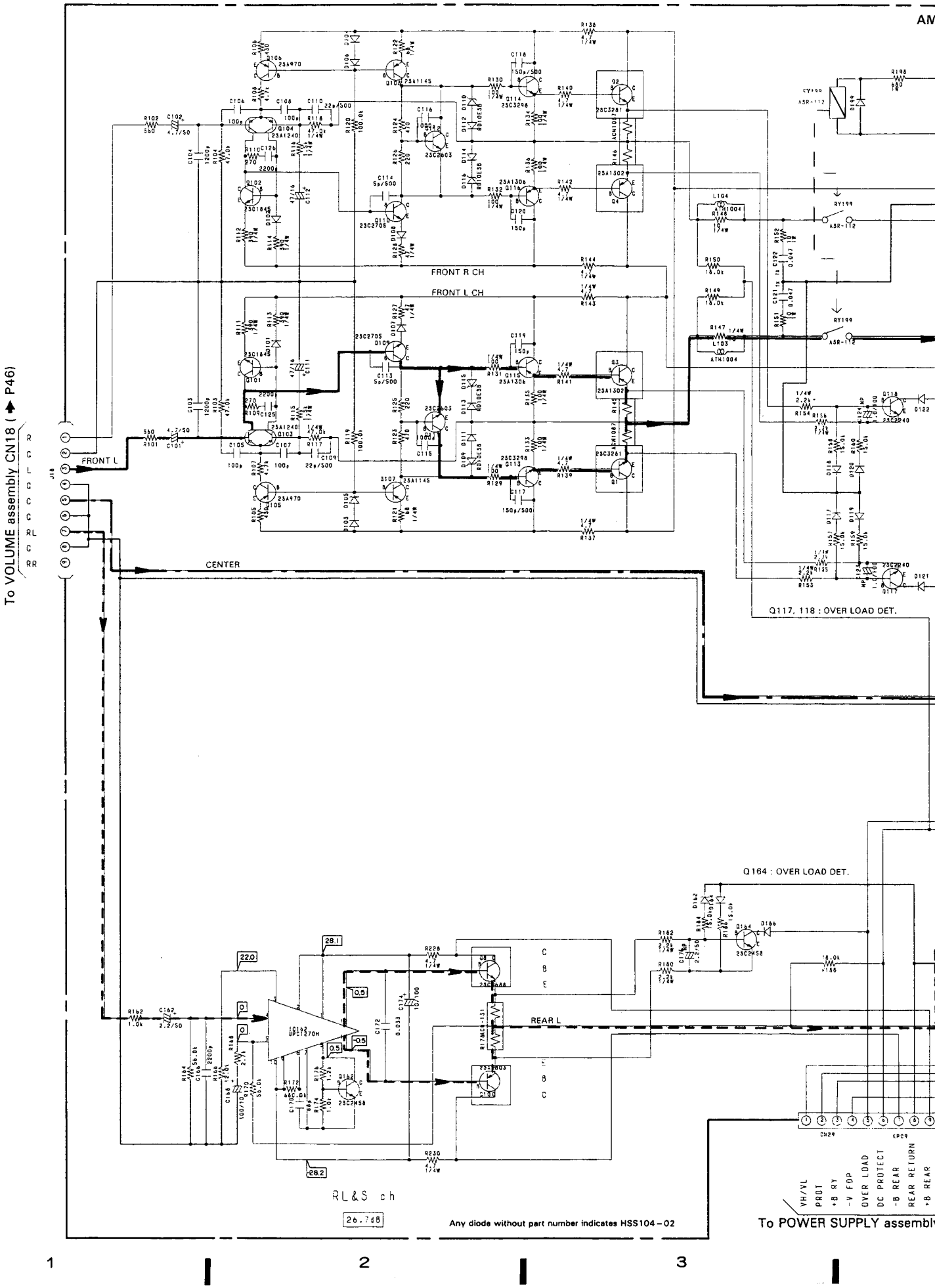
IC526, Q521 – 523 : SURROUND MR SELECTOR

JP : VSX – 501, VSX – 511S ONLY


V601
AAV1145
VSX-501, VSX-511S
A(1:13)
B(1:18)
VSX-52 ONLY
VSX-52 ONLY
VSX-52 ONLY
Q603, 604 : STBY LED DRIVER
Q601, 602 : RMC DRIVER
Q605 : MR & S LED DRIVER
Q606 : RESET
F(1:7)
Any diode without part number indicates HSS104-02
To POWER SUPPLY assembly CN17 (➡ P71)
Vss(GND)
+5V(STBY)
+5V(MAIN)
-VF
FL1(AC1)
FL2(AC2)
WP(AC)
P.RY
RY-R.C
RMC
SRIN
SROUT
VH/VL
B.CHECK
MR.RY


FL. U-COM assembly (AWK1556 : VSX – 501, VSX – 511S)
(AWK1544 : VSX – 52)
To CONNECTION assembly
CN15 (➡ P13)
STOP
T.MUTE
STEREO
DT-T
CK-T
CE-T
ST1
7951.1
7951.2
V.MUTE
STCXD
VIDEO
BCK
WCK
CD
J15
To VOLUME assembly
CN16 (➡ P46)
LED
DOWN
UP
CK
DA
ST5
ST4
ST3
ST-2
DC
MR4066
J16
IC601 : SYSTEM CONTROL
IC601
PDG083A
VSX
R630 47.0k
R628 4.7k
D625
R627 47.0k
R631 2.2k
R614 1.0M
C607 0.022
D633
D631
D630
J35
VSX-52 ONLY
MR(4066.RY)
MR.LED
OSD.CS
OSD.CK
OSD.DA
BLUE
To OSD assembly
CN35 (➡ P35)

5.10 AMP ASSEMBLY



AMP assembly (AWZ4254 : VSX – 501, VSX – 511S)
(AWZ4258 : VSX – 52)

C199 : ACH1204
(VSX – 501, VSX – 511S ONLY)
ACH1225 (VSX – 52 ONLY)

C198 : ACH1204
(VSX – 501, VSX – 511S ONLY)
ACH1224 (VSX – 52 ONLY)

AC 2CH ②
AC 3CH ④
GND ①
AC 3CH ⑤
AC 2CH ③
To POWER TRANSFORMER T1

L CH OUT
L RETURN
C CH OUT
C RETURN
R RETURN
R CH OUT
J20
To SP SW assembly CN20 (➡ P69)

	VH	VL
LOAD	±54.0	±41.8
OPEN	±68.0	±50.3

Q206 : OVER LOAD DET.

CENTER CH

29.2dB

J21
REAR L CH
REAR RETURN
REAR R CH
To REAR SP CENTER SP assembly CN21 (➡ P69)

: OVER LOAD DET.

LOAD DET.

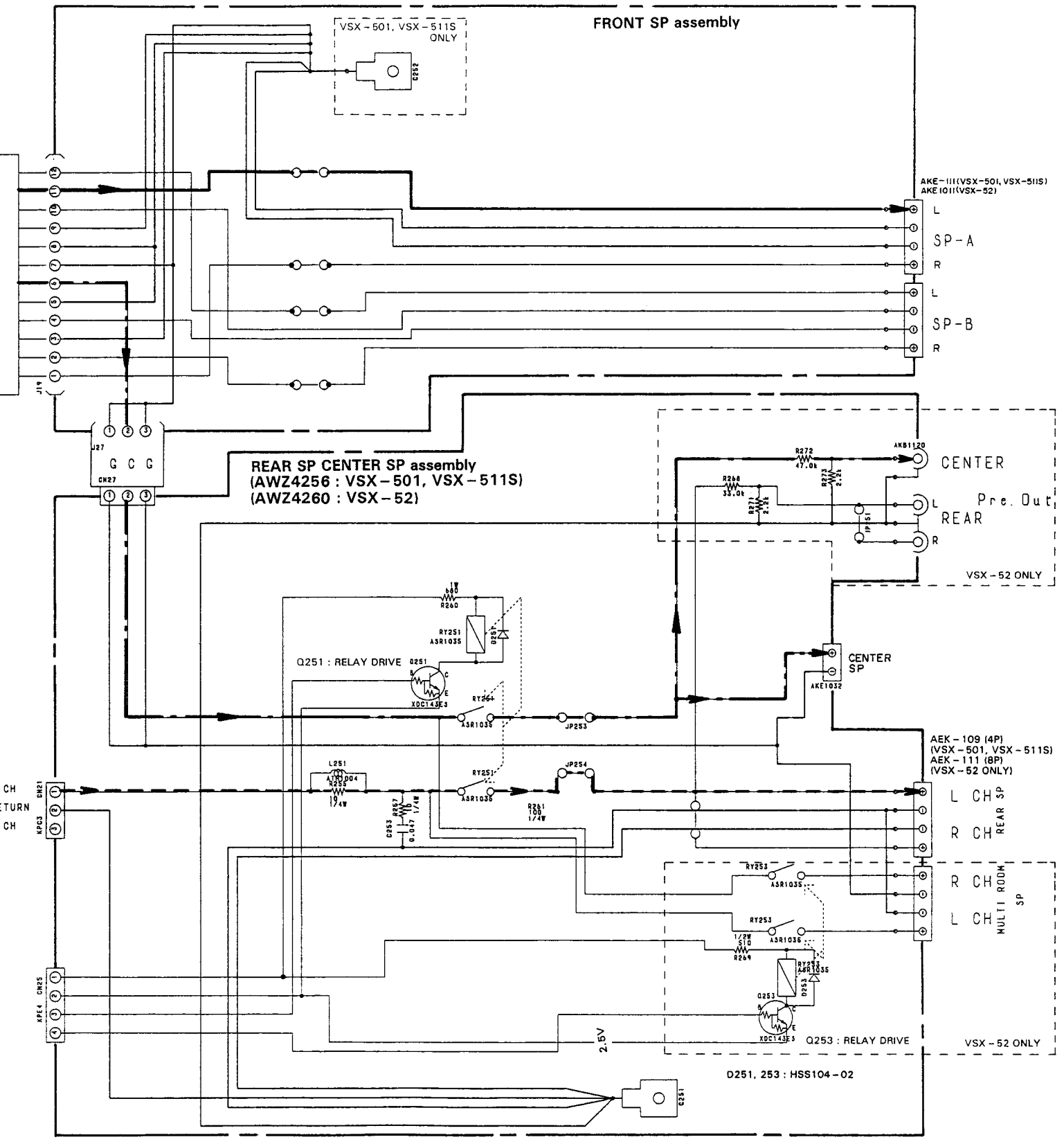
CN29 KPC9

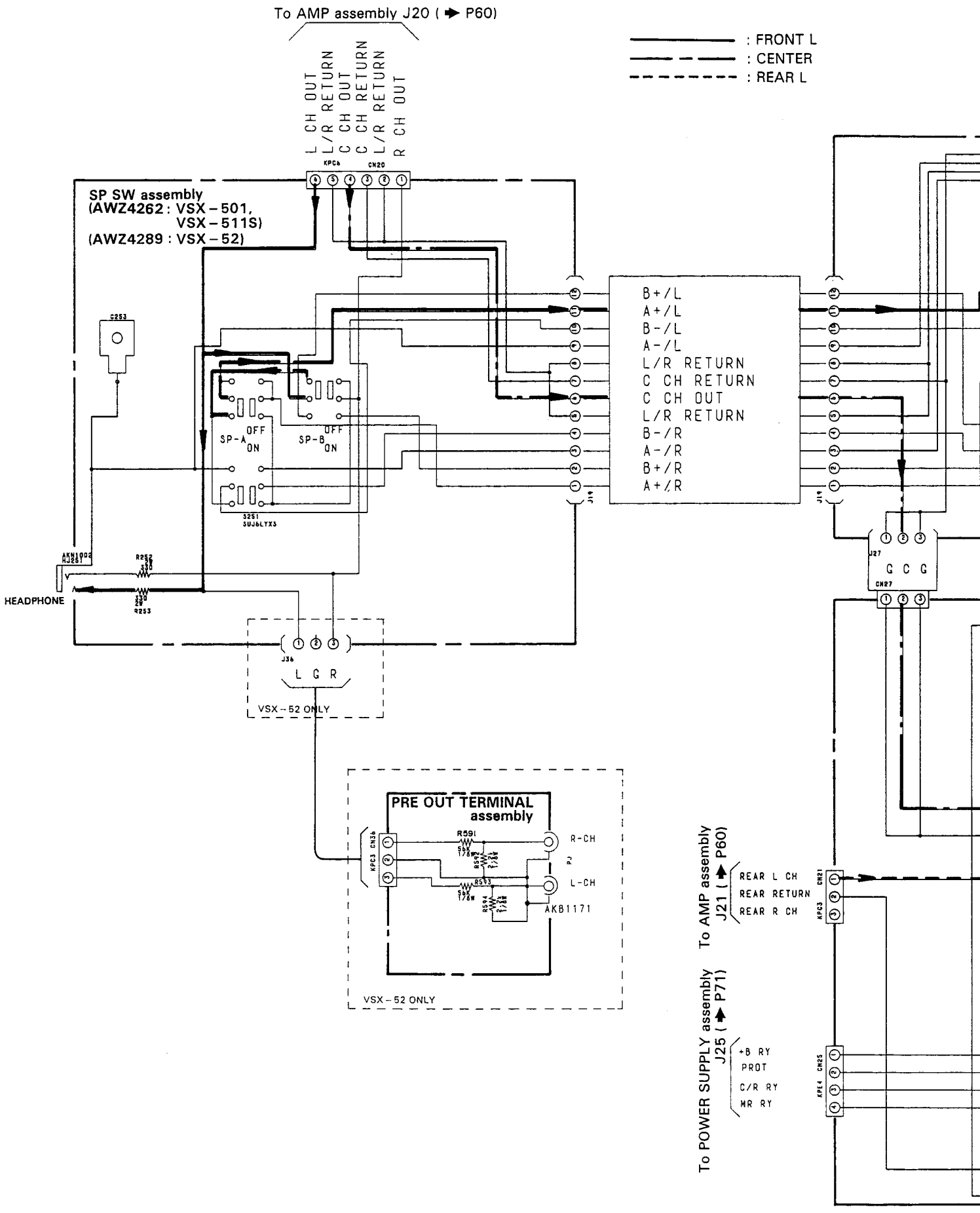
VH/VL
PROT
+B RY
-V FDP
OVER LOAD
DC PROTECT
-B REAR
REAR RETURN
+B REAR

WER SUPPLY assembly J29 (➡ P72)

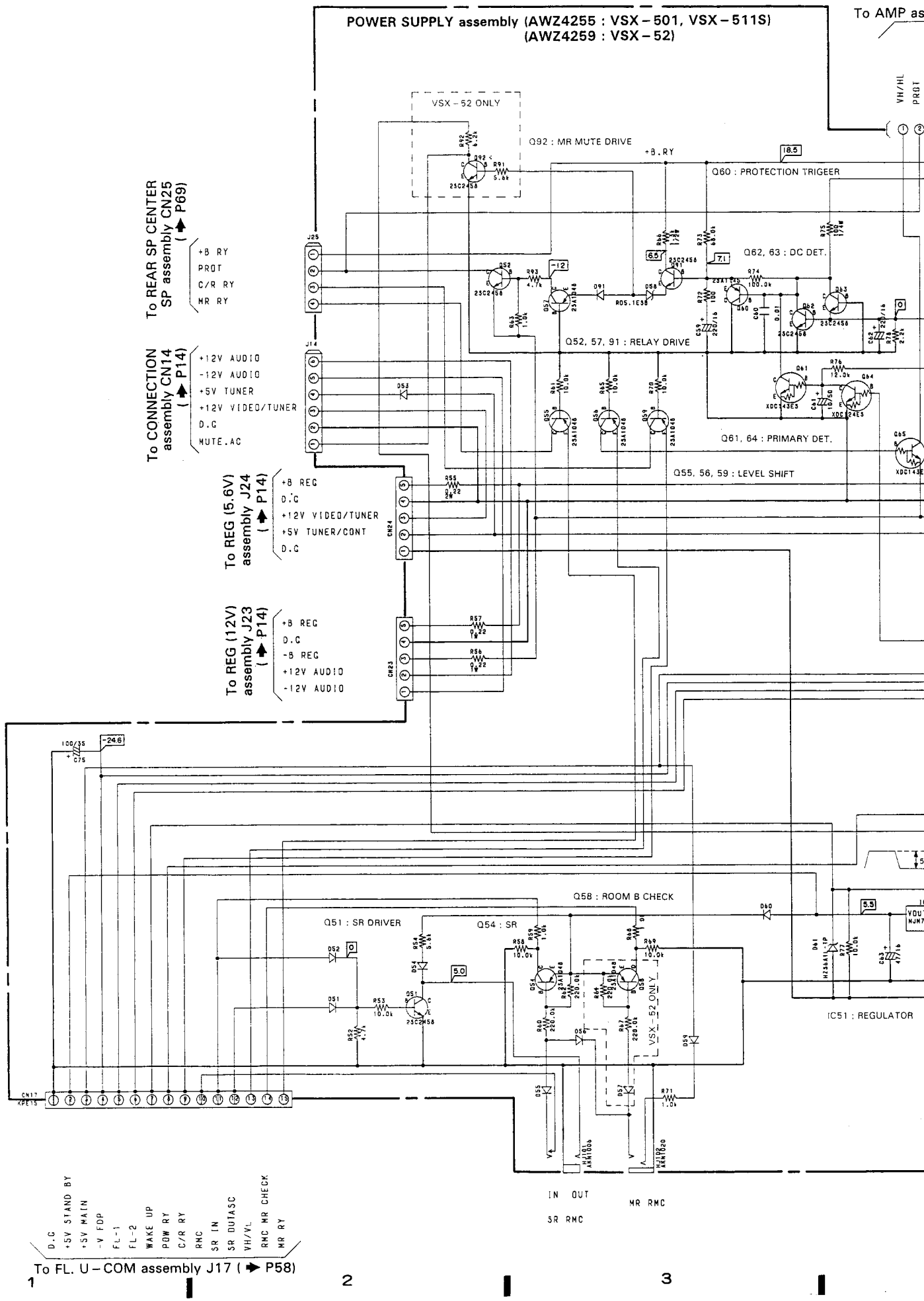
: FRONT L
: CENTER
: REAR L

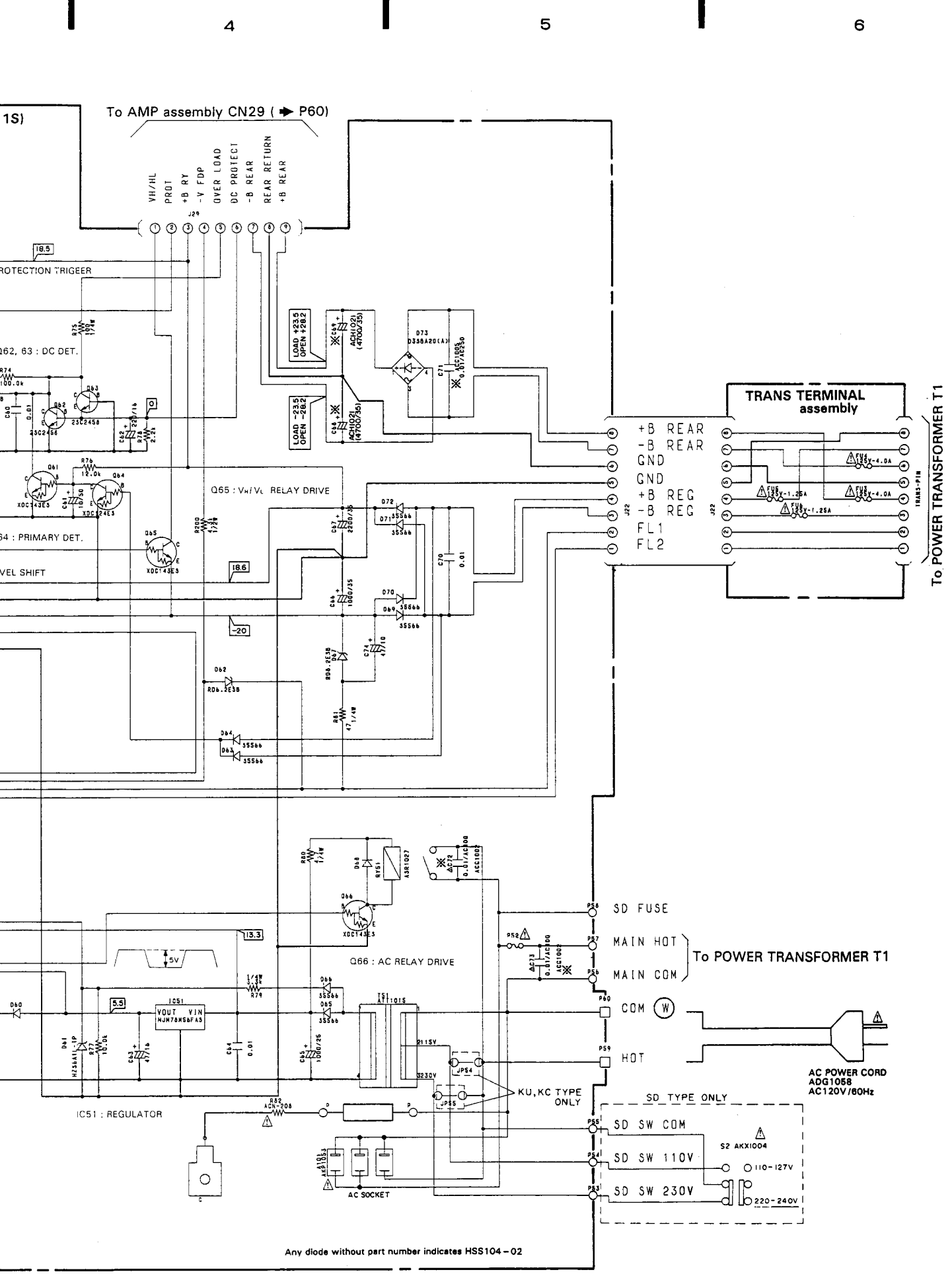
NT L
TER
R L


FRONT SP assembly
VSX-501, VSX-511S ONLY
AKE-111(VSX-501, VSX-511S)
AKE1011(VSX-52)
L
SP-A
R
L
SP-B
R
REAR SP CENTER SP assembly
(AWZ4256 : VSX-501, VSX-511S)
(AWZ4260 : VSX-52)
G C G
CENTER
L Pre. Out
REAR
R
VSX-52 ONLY
Q251 : RELAY DRIVE
CENTER SP
AEK-109 (4P)
(VSX-501, VSX-511S)
AEK-111 (8P)
(VSX-52 ONLY)
L CH
R CH
REAR SP
R CH
L CH
MULTI ROOM SP
Q253 : RELAY DRIVE
VSX-52 ONLY
2.5V
D251, 253 : HSS104-02

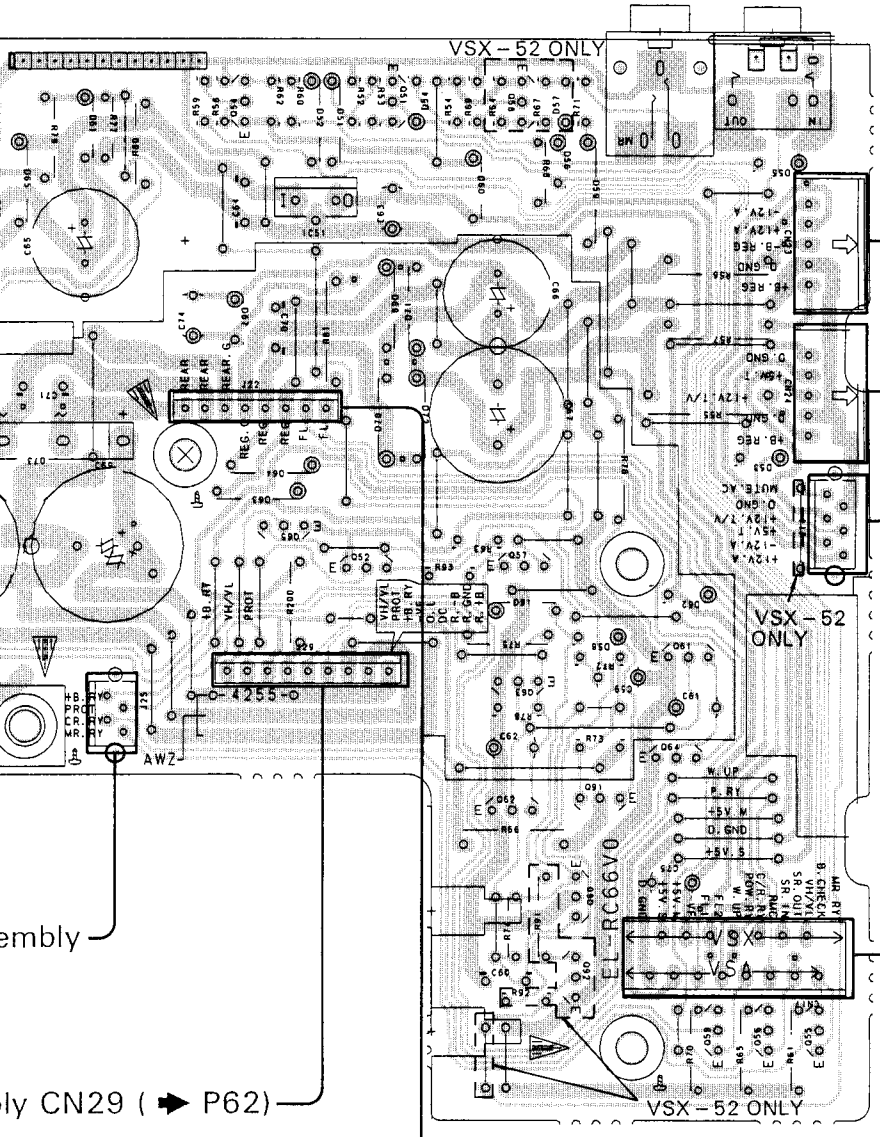

To AMP assembly J20 (➡ P60)
: FRONT L
: CENTER
: REAR L
L CH OUT
L/R RETURN
C CH OUT
C CH RETURN
L/R RETURN
R CH OUT
KPC6
CN20
SP SW assembly
(AWZ4262 : VSX-501,
VSX-511S)
(AWZ4289 : VSX-52)
B+/L
A+/L
B-/L
A-/L
L/R RETURN
C CH RETURN
C CH OUT
L/R RETURN
B-/R
A-/R
B+/R
A+/R
SP-A OFF ON
SP-B OFF ON
HEADPHONE
J36
L G R
VSX-52 ONLY
J27
G C G
CN27
PRE OUT TERMINAL
assembly
R-CH
L-CH
AKB1171
VSX-52 ONLY
To AMP assembly
J21 (➡ P60)
REAR L CH
REAR RETURN
REAR R CH
CN21
KPC3
To POWER SUPPLY assembly
J25 (➡ P71)
+B RY
PROT
C/R RY
MR RY
CN25
KPE4

5.12 POWER SUPPLY ASSEMBLY AND TRANS TERMINAL ASSEMBLY




To AMP assembly CN29 (➡ P60)
VH/HL
PROT
+B RY
-V FDP
OVER LOAD
DC PROTECT
-B REAR
REAR RETURN
+B REAR
J29
PROTECTION TRIGEER
Q62, 63 : DC DET.
Q64 : PRIMARY DET.
LEVEL SHIFT
Q65 : VH/VL RELAY DRIVE
LOAD +23.5 OPEN +28.2
LOAD -23.5 OPEN -28.2
D73 D3SBA20(A)
TRANS TERMINAL assembly
+B REAR
-B REAR
GND
GND
+B REG
-B REG
FL1
FL2
J22
To POWER TRANSFORMER T1
Q66 : AC RELAY DRIVE
IC51 : REGULATOR
SD FUSE
MAIN HOT
MAIN COM
To POWER TRANSFORMER T1
COM
HOT
AC POWER CORD
ADG1058
AC120V/60Hz
KU, KC TYPE ONLY
SD TYPE ONLY
SD SW COM
SD SW 110V
SD SW 230V
S2 AKX1004
110-127V
220-240V
AC SOCKET
Any diode without part number indicates HSS104-02

Q54 IC51 Q51 Q58
Q65 Q52 Q57 Q63 Q64 Q61
Q62 Q60 Q92 Q91 Q59 Q56 Q55



To REG (12V) assembly J23 (➡ P15)

To REG (5.6V) assembly J24(➡ P16)

To CONNECTION assembly CN14 (➡ P16)

To FL. U-COM assembly J17 (➡ P54)

ɛmbly

ly CN29 (➡ P62)

NOTE

1. This P.C.B connection diagram is viewed from the parts mounted side.
2. The parts which have been mounted on the board can be replaced with those shown with the corresponding wiring symbols listed in the following Table.
3. The capactor terminal marked with ◎(double circles) shows negatine terminal.
4. The diode terminal marked with ◎(double circles) shows cathode side.
5. The transistor terminal to which E is affixed shows the emitter.

P.C.B. pattern diagram indication	Corresponding part symbol	Part Name
Q504	or	Transistor
Q215	or	Radiator type transistor
D203	D203	Diode
R237	R237	Resistor
C513		Capacitor (Polarized)
C518		Capacitor (Non-polarized)

Others

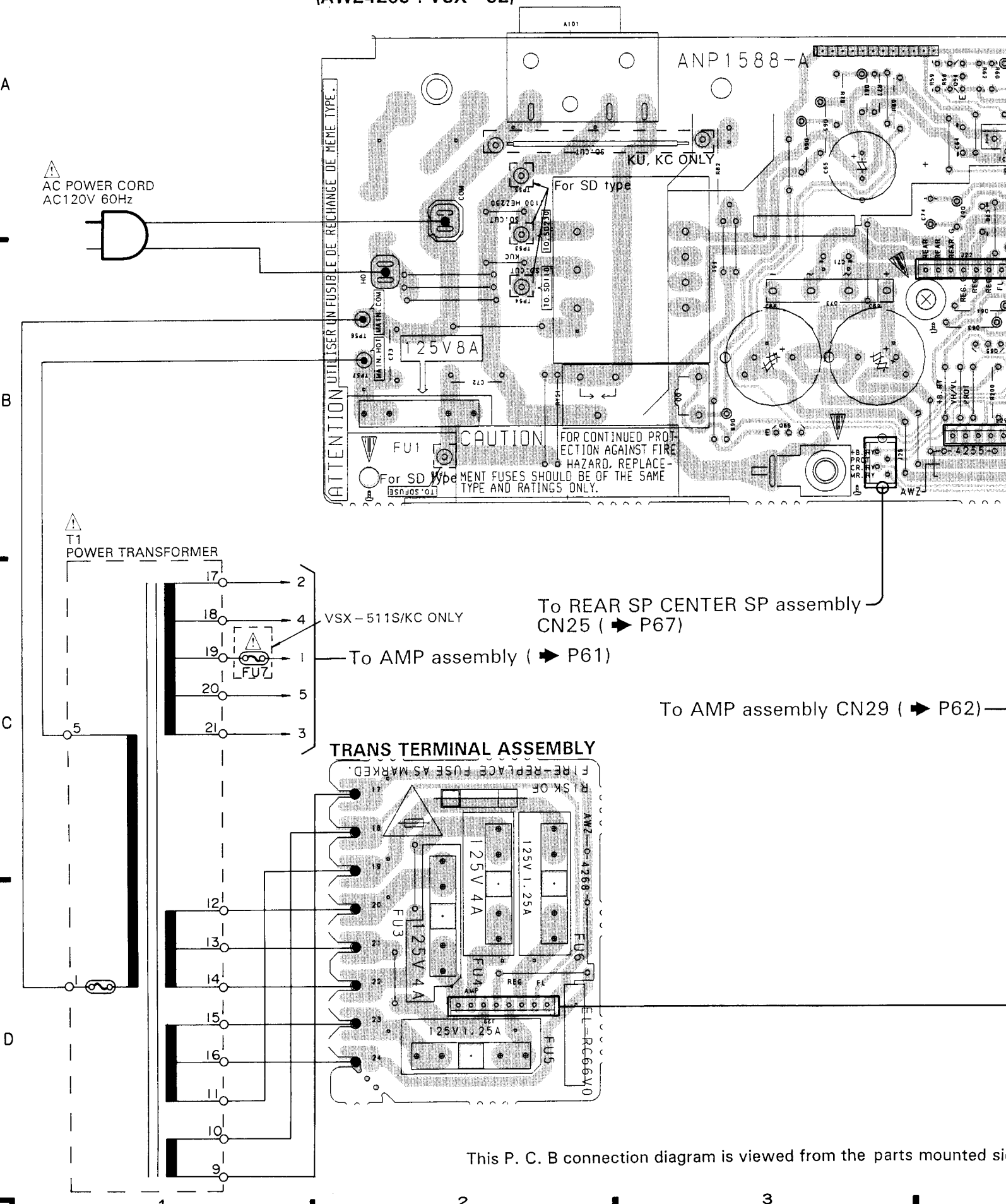
P.C.B. pattern diagram indication	Part Name
IC	IC
S	Switch
RY	Relay
L	Coil
F	Filter
VR	Variable resistor or Semi-fixed resistor

(FOR CANADIAN MODEL ONLY)
Fuse symbols (Fast Operating Fuse) and/or (Slow Operating Fuse) on P.C.B. indicate that replacement parts must be of identical designation.

(POUR MODÈLE CANADIEN SEULEMENT)
Sur P.C.I., les symboles de fusible (Fusible de type rapide) et/ou (Fusible de type lent) indiquent que les pièces de remplacement doivent avoir la même désignation.

om the parts mounted side.

POWER SUPPLY ASSEMBLY
(AWZ4255 : VSX-501, VSX-511S)
(AWZ4259 : VSX-52)



This P. C. B connection diagram is viewed from the parts mounted si

ved from the parts mounted side.

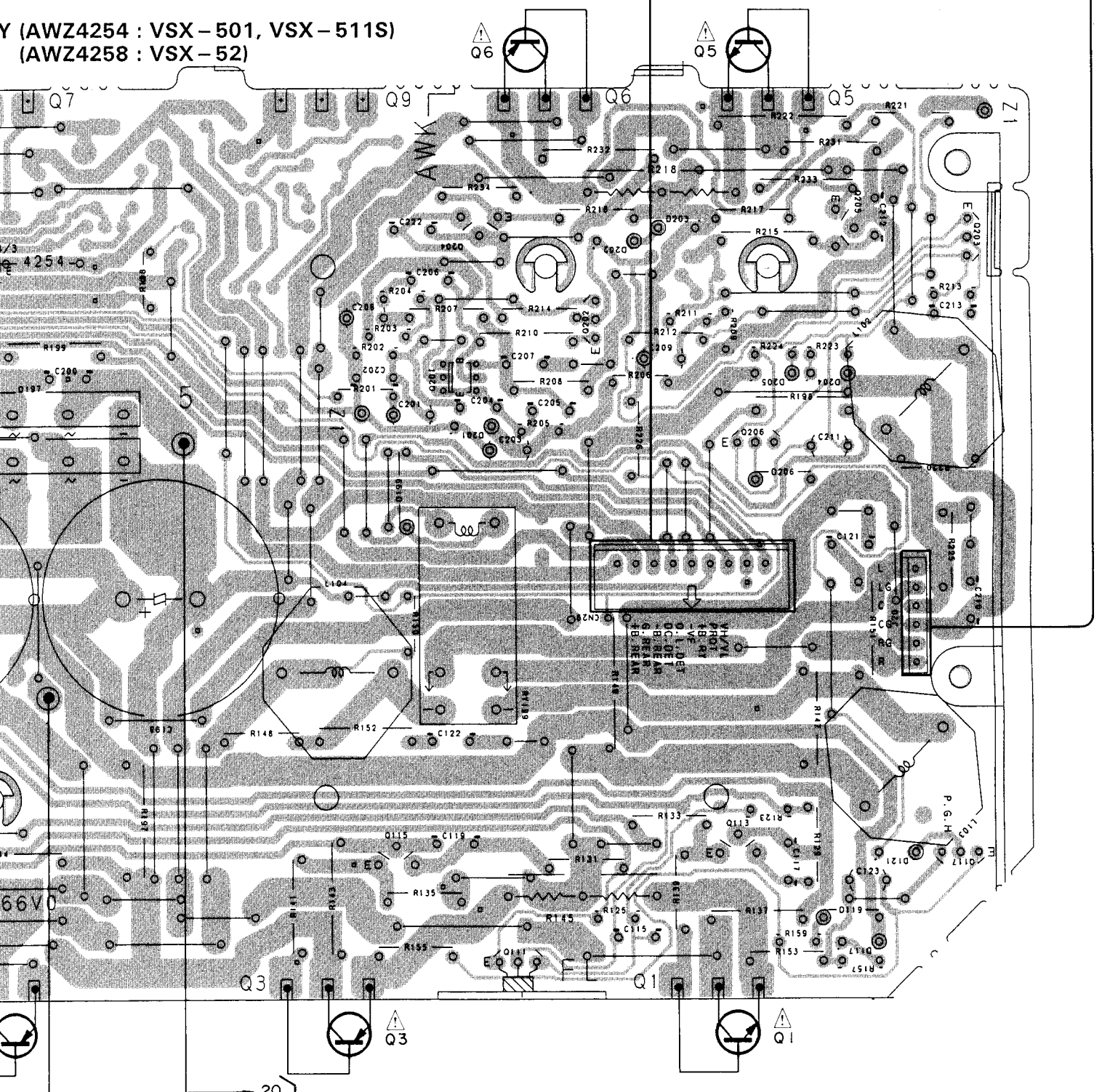
Q4 Q3 Q115 Q111 Q204 Q201 Q6 Q202 Q206 Q113 Q1 Q5 Q205 Q203 Q117

ssembly

To POWER SUPPLY assembly J29 (➡ P74)

To SP SW assembly CN20 (➡ P68)

Y (AWZ4254 : VSX-501, VSX-511S)
(AWZ4258 : VSX-52)



To POWER TRANSFORMER T1 (➡ P73)

This P. C. B connection diagram is viewed from the parts mou

IC162 Q164 Q162 Q10 Q8
Q106 Q104 Q102 Q103 Q101 Q109 Q105
Q118 Q108 Q114 Q110 Q2 Q116 Q112 Q107 Q4