

A B C D

BLOCK DIAGRAMS-1
AUDIO SECTION

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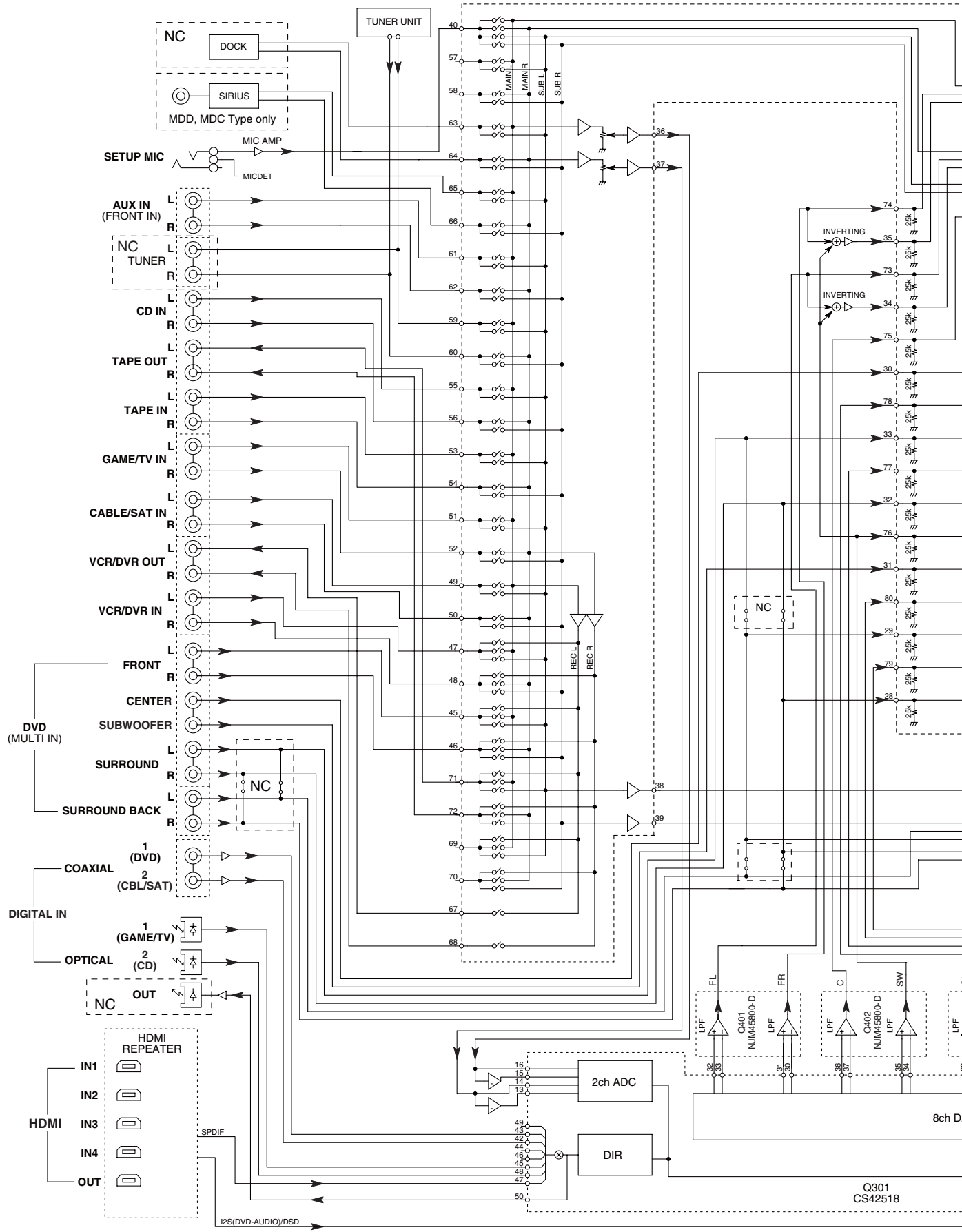
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FL LPF Q401 NJM45800-D

FR LPF Q402 NJM45800-D

C LPF Q403 NJM45800-D

SW LPF Q404 NJM45800-D

SI LPF Q405 NJM45800-D

8ch DA

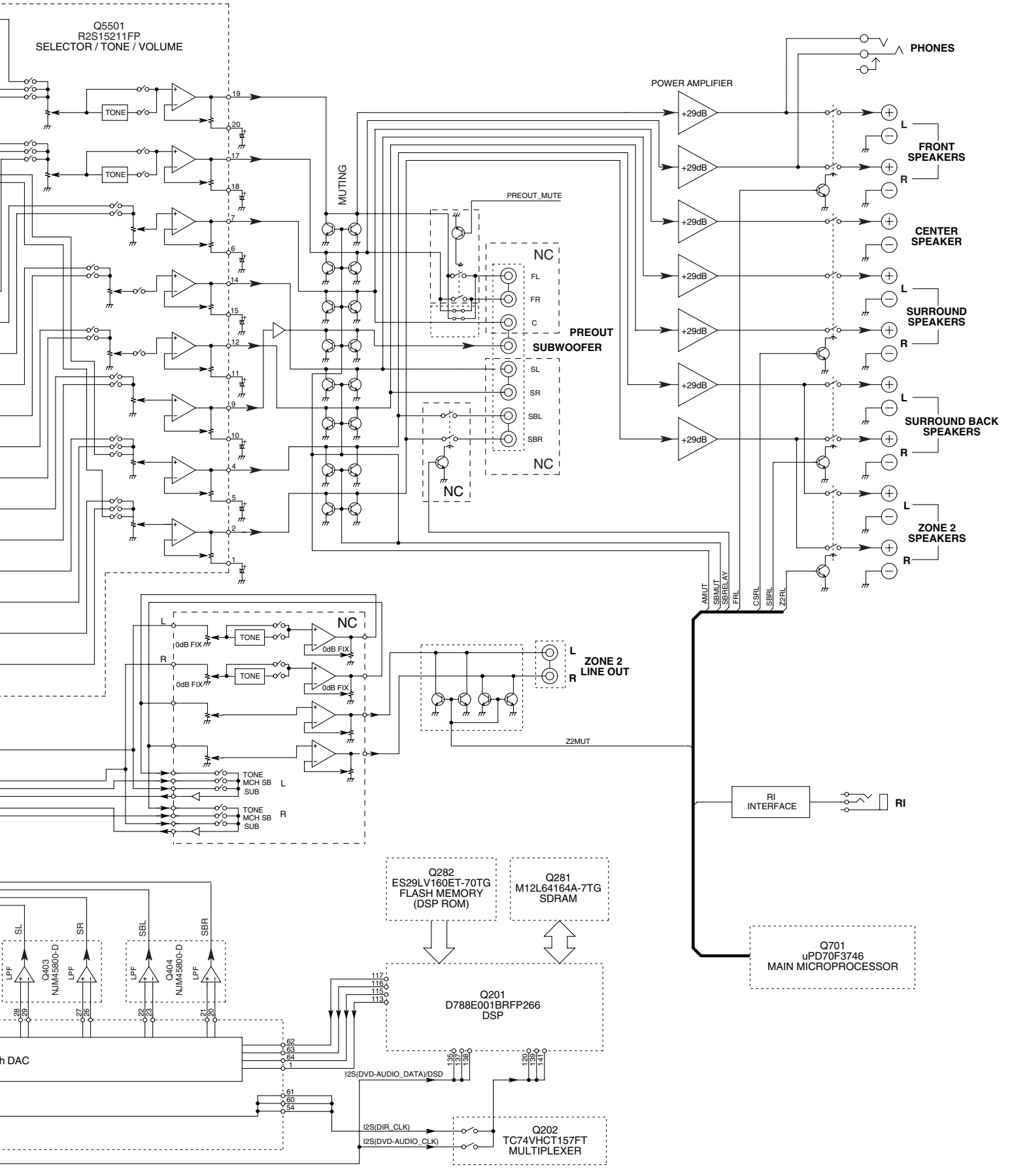
Q301 CS42518

E

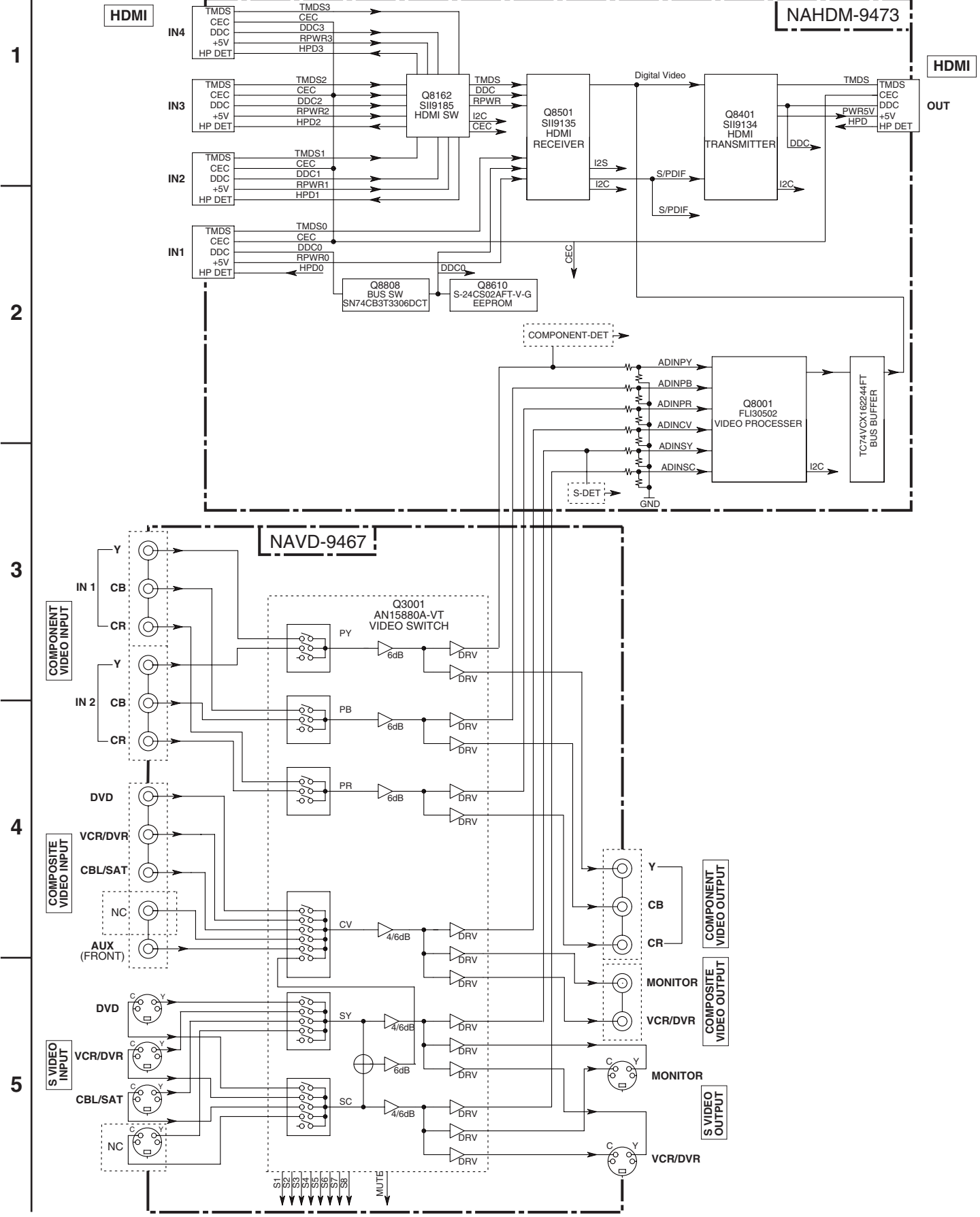
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BLOCK DIAGRAMS-2
VIDEO / HDMI SECTION



SCHEMATIC DIAGRAMS-1 (SD-1)

AUDIO INPUT SECTION

MICROPROCESSOR PCB
To NADG-9462
SD-3 : H4

TX-SR606 DD, DC type only
SIRIUS/DOCK TERMINAL PCB
To NARF-9463
SD-10 : E1

MICROPROCESSOR PCB
To NADG-9462
SD-3 : H3

MICROPROCESSOR PCB
To NADG-9462
SD-3 : H2

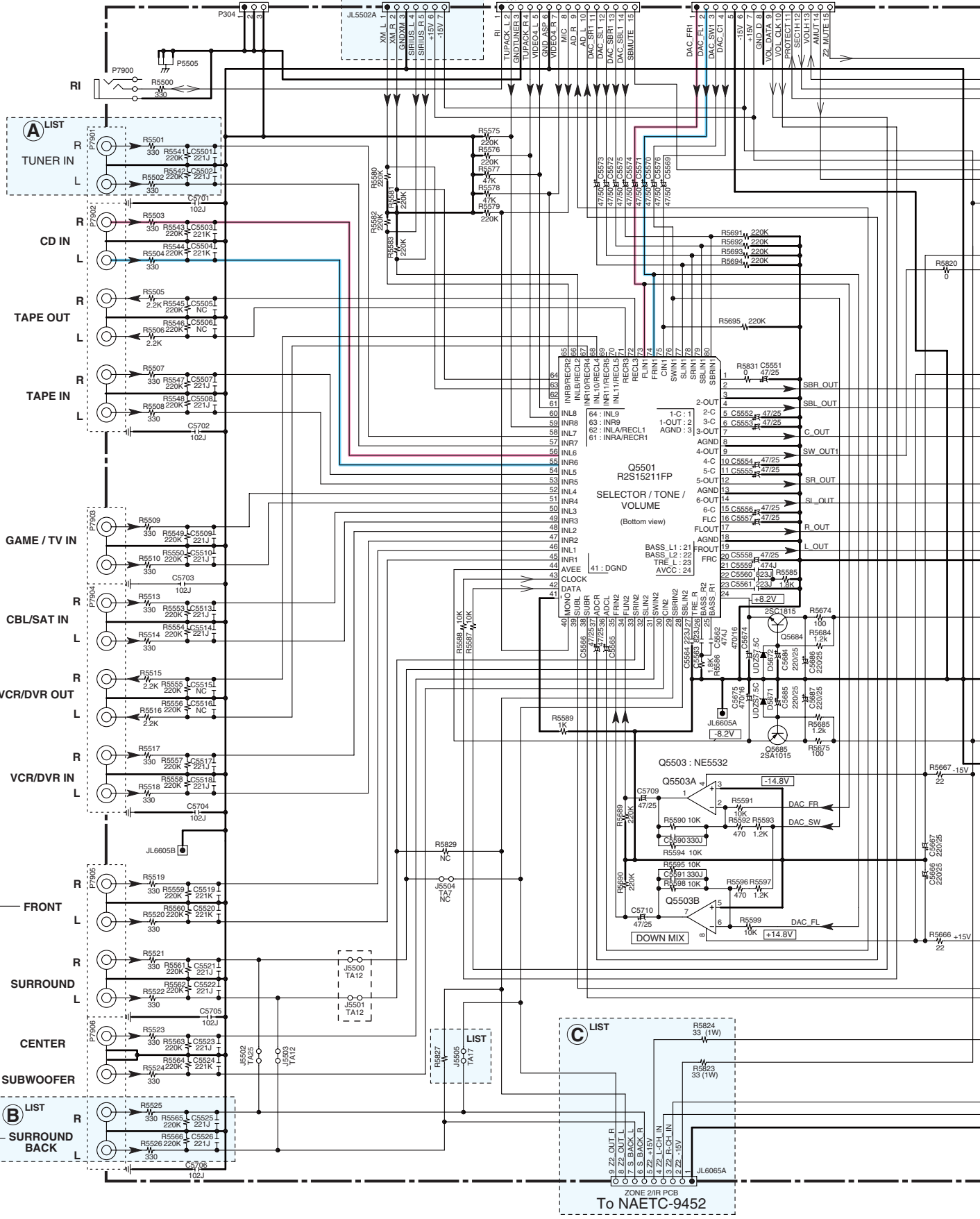
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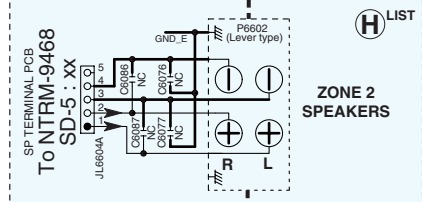
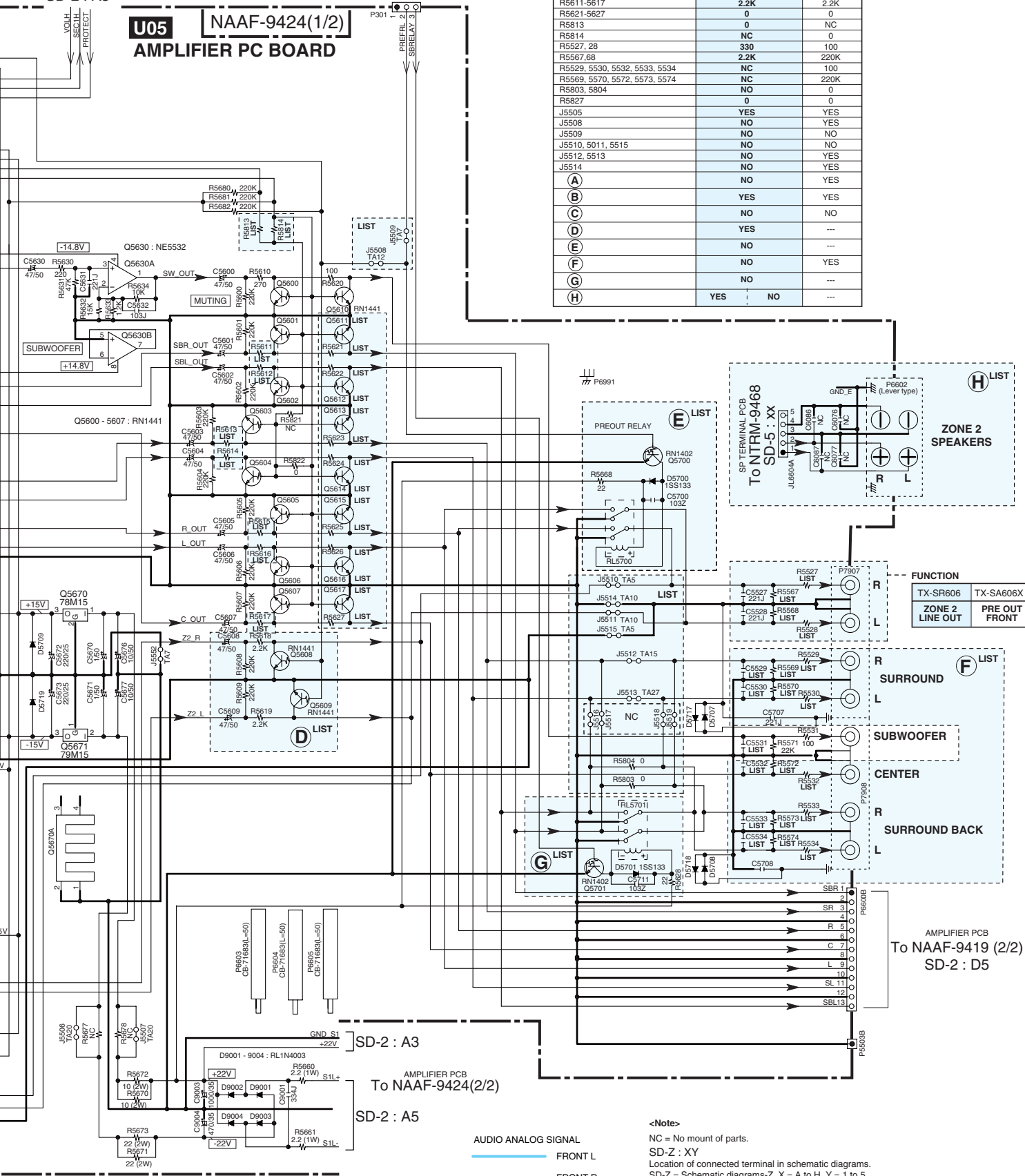
Refer to following table about the parts displayed by mark "LIST".

	TX-SR606		TX-SA606X
	DD, DC	OTHER	
Q5611-5617	NC	NC	NC
C5529, 5530, 5532, 5533, 5534	NC	221J	2.2K
R5611-5617	2.2K	2.2K	2.2K
R5621-5627	0	0	0
R5813	0	NC	NC
R5814	NC	0	0
R5527, 28	330	100	100
R5567, 68	2.2K	220K	220K
R5529, 5530, 5532, 5533, 5534	NC	100	100
R5569, 5570, 5572, 5573, 5574	NC	220K	220K
R5803, 5804	NO	0	0
R5827	0	0	0
J5505	YES	YES	YES
J5508	NO	YES	YES
J5509	NO	NO	NO
J5510, 5011, 5515	NO	NO	NO
J5512, 5513	NO	YES	YES
J5514	NO	YES	YES
(A)	NO	YES	YES
(B)	YES	YES	YES
(C)	NO	NO	NO
(D)	YES	---	---
(E)	NO	---	---
(F)	NO	---	---
(G)	NO	---	---
(H)	YES	NO	---

AMPLIFIER PCB
To NAAF-9424 (2/2)
SD-2 : A3

MICROPROCESSOR PCB
To NADG-9462
SD-3 : H2

U05 NAAF-9424(1/2)
AMPLIFIER PC BOARD



FUNCTION

TX-SR606	TX-SA606X
ZONE 2 LINE OUT	PRE OUT FRONT

AMPLIFIER PCB
To NAAF-9424(2/2)
SD-2 : A5

AMPLIFIER PCB
To NAAF-9419 (2/2)
SD-2 : D5

AUDIO ANALOG SIGNAL
FRONT L
FRONT R

<Note>
NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z X = A to H, Y = 1 to 5.

SCHEMATIC DIAGRAMS-2 (SD-2)

POWER AMP. SECTION

<Note>

NC = No mount of parts.

SD-Z : XY

Location of connected terminal in schematic diagrams.

SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

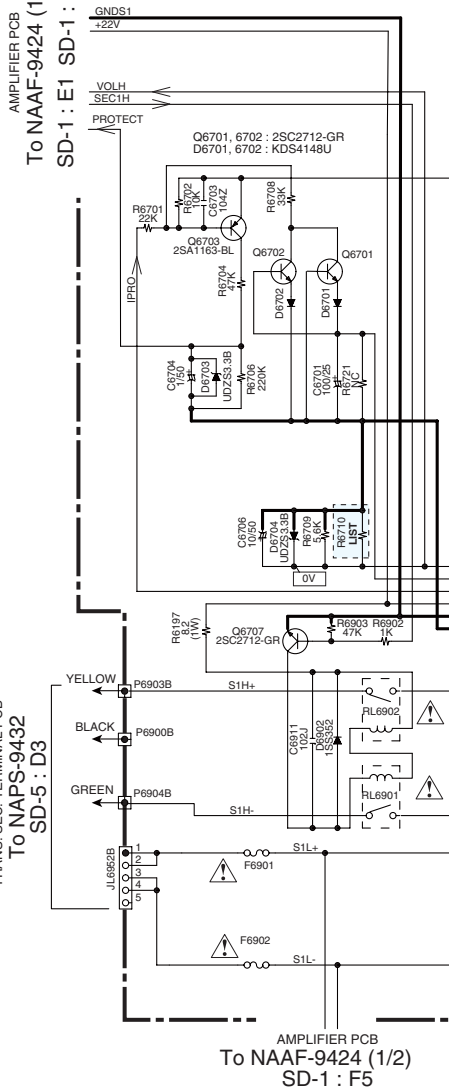
Refer to following table about the parts displayed by mark * LIST *

	TX-SR606				TX-SA606X
	DD, DC	PP, PB	GK, GQ, GR	WT, WO, WF	JJ
Q6050 - 52	MN130S	2SC5242	MN130S	MN130S	---
Q6060 - 62	MP130S	2SA1962	MP130S	MP130S	---
Q6053 - 54	MN130S	2SC5242	MN130S	MN130S	---
Q6063 - 64	MP130S	2SA1962	MP130S	MP130S	---
Q6055 - 56	MN130S	2SC5242	MN130S	MN130S	---
Q6065 - 56	MN130S	2SC5242	MN130S	MN130S	---
Q5050 - 56		2SC2240			---
R5160 - 5166		100			---
R5170 - 5176		100			---
R6070 - 6072		82			---
R6073 - 6076		100			---
C6901, 6902	63*10000		69*10000		---
R6710		4.7K			---

NAAF-9424 (2/2)

U05
AMPLIFIER PC BOARD

AMPLIFIER PCB
To NAAF-9424 (1/2)
SD-1 : E1 SD-1 : F5



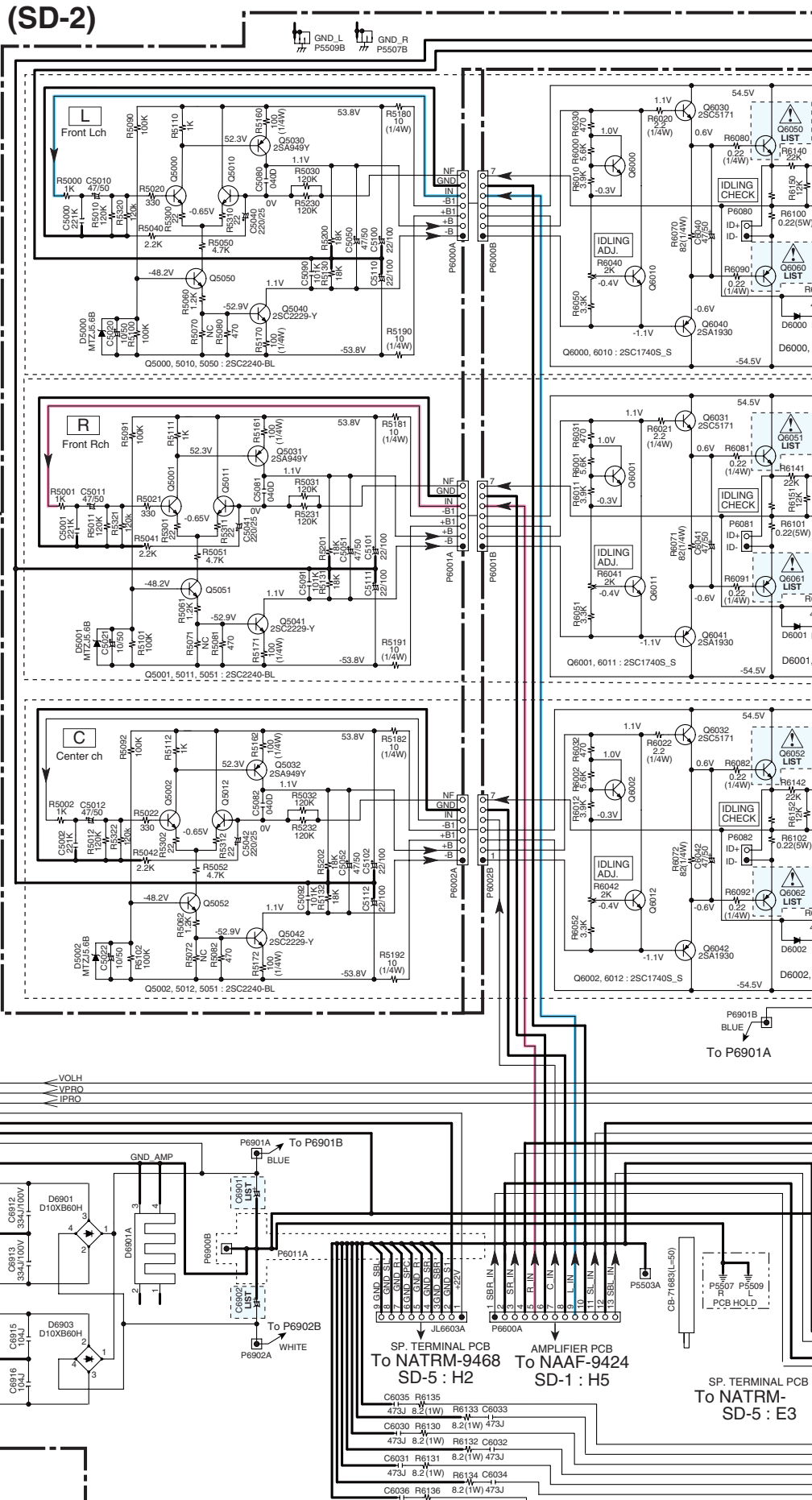
TRANS. SEC. TERMINAL PCB
To NAPS-9432
SD-5 : D3

AMPLIFIER PCB
To NAAF-9424 (1/2)
SD-1 : F5

SP. TERMINAL PCB
To NATRM-9468
SD-5 : H2

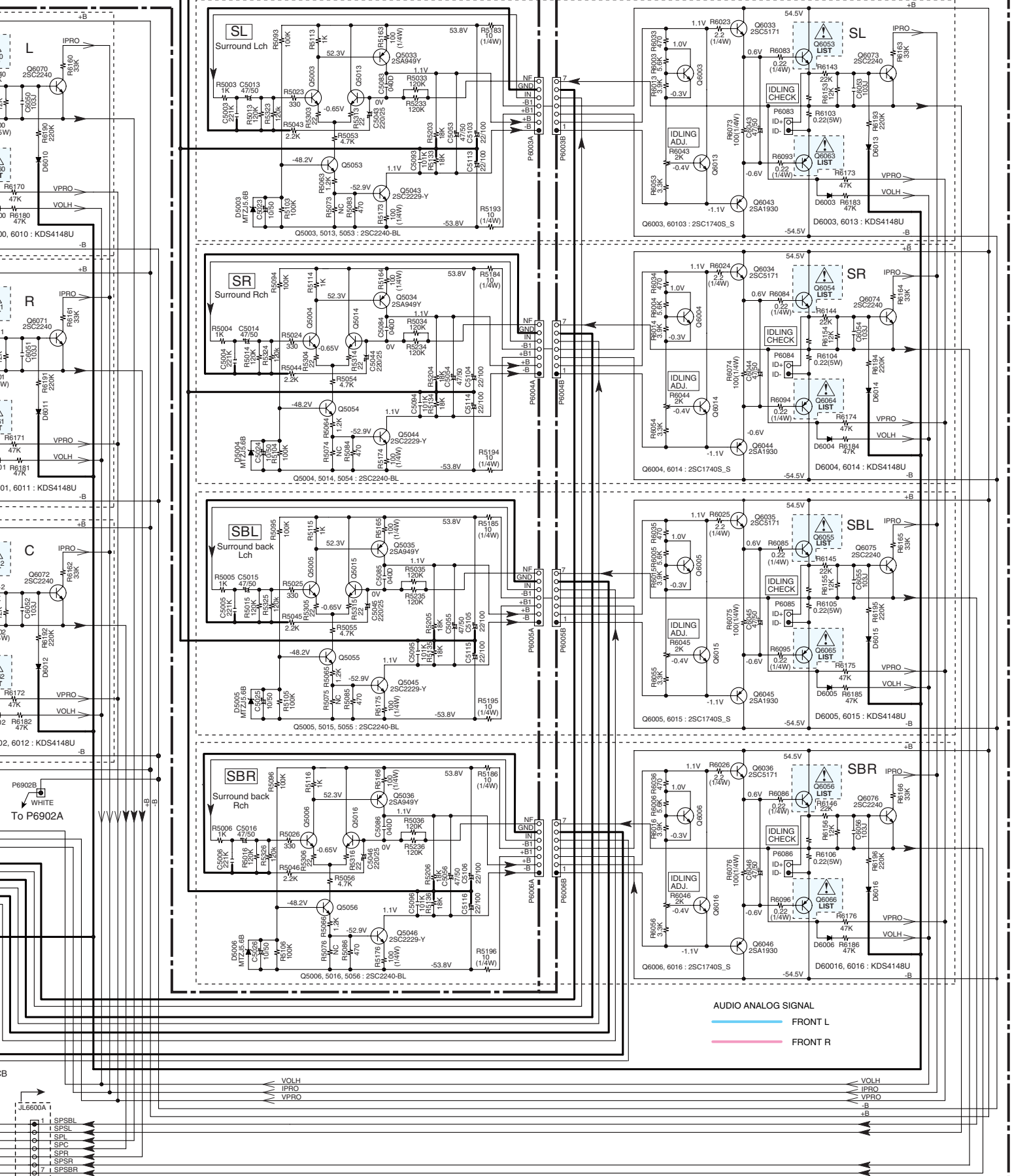
AMPLIFIER PCB
To NAAF-9424
SD-1 : H5

SP. TERMINAL PCB
To NATRM-
SD-5 : E3

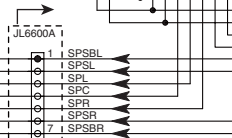


U38 DRIVER AMP. PC BOARD

NACLA-9470



AUDIO ANALOG SIGNAL
 — FRONT L
 — FRONT R



SCHEMATIC DIAGRAMS-3 (SD-3) MICROPROCESSOR SECTION

NADG-9462
U32
MICROPROCESSOR PC BOARD

DSP/HDMI PCB
To NAHDM-9473
SD-8 : F1

DISPLAY PCB
To NADIS-9430
SD-6 : H1

VIDEO PCB
To NAVD-9467
SD-4 : G4

VIDEO PCB
To NAVD-9467
SD-4 : G4

<Note>
NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

DIGITAL IN

OPTICAL

DIGITAL OUT
OPTICAL

TO_FLASH_WRITER
P702A

LIST
D

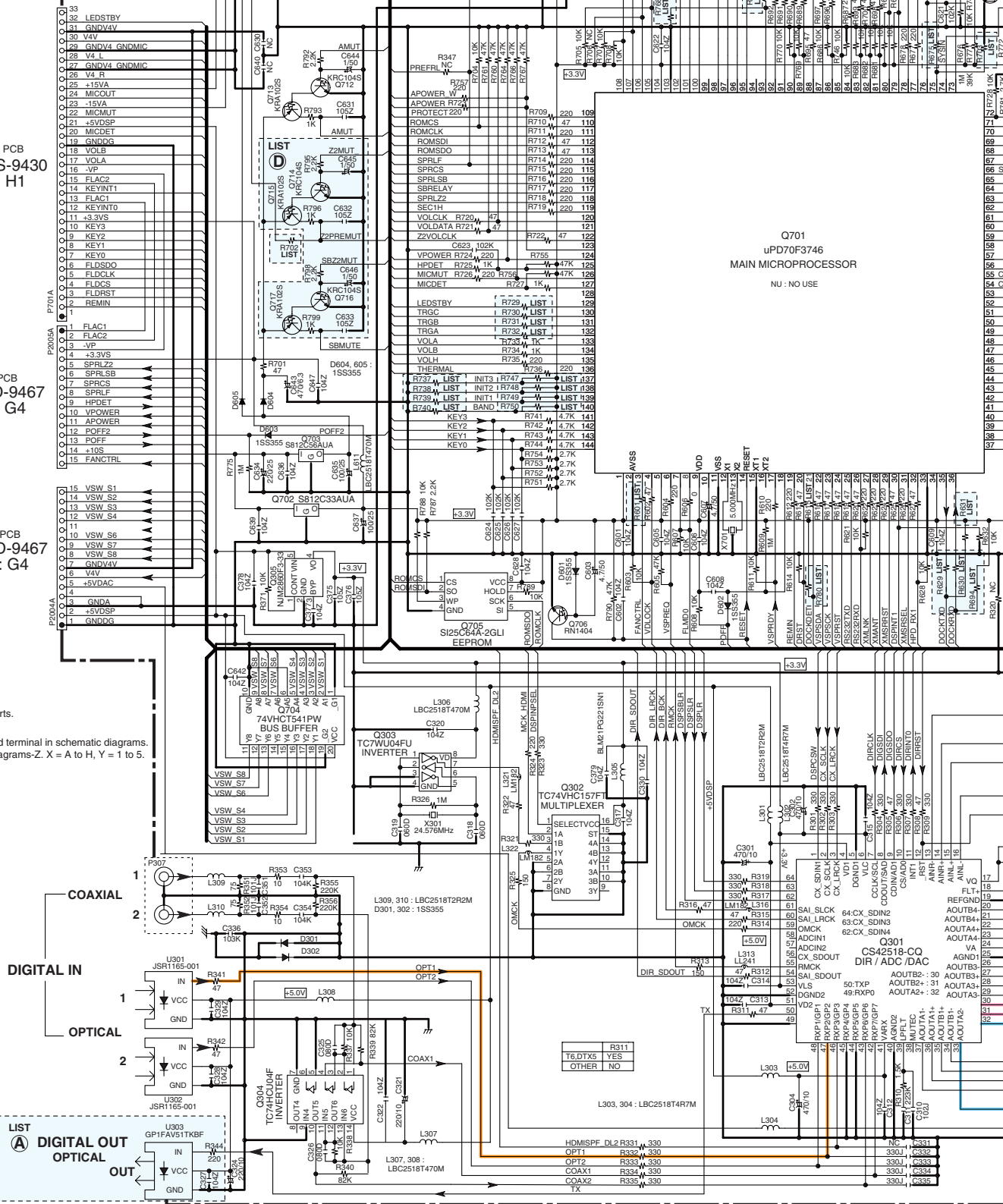
LIST
D

LIST
D

LIST
D

LIST
D

LIST
A



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E F G H

LIST SIRIUS/DOCK TERMINAL PCB
To NARF-9463
SD-xx : xx

To TUNER UNIT LIST

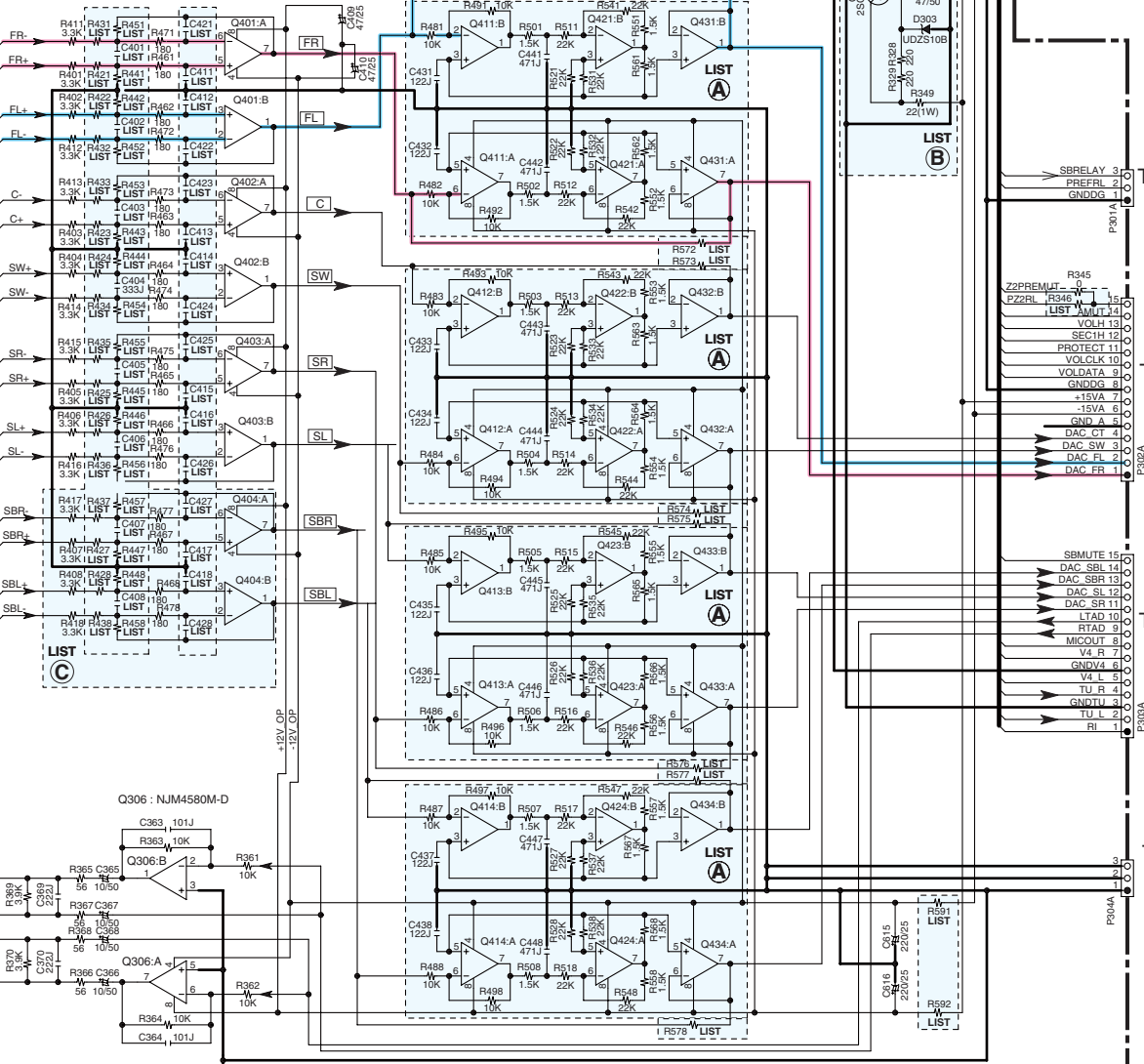
NAETC-9426
U07
THERMAL SENSOR
PC BOARD

	R693	R675	R769	R703
MDD/MDC	NO	NO	NO	NO
MPP	YES	YES	YES	YES
OTHER	NO	NO	NO	NO

Q707, 710 : KRA102S
Q708, 709, 711 : KRC107S

	R622	R623	R626	R624	R659	R660	R779
T6.D5:MDD/MDC	NO	NO	NO	NO	NO	NO	NO
OTHER	NO	NO	NO	NO	NO	NO	NO

Q411 - 414, Q421 - 424, Q431 - 434 :
NJM4580M-D



AMPLIFIER PCB
To NAAF-9424
(1/2)
SD-1 : F1

To NAAF-9424
(1/2)
SD-1 : D1

To NAAF-9424
(1/2)
SD-1 : C1

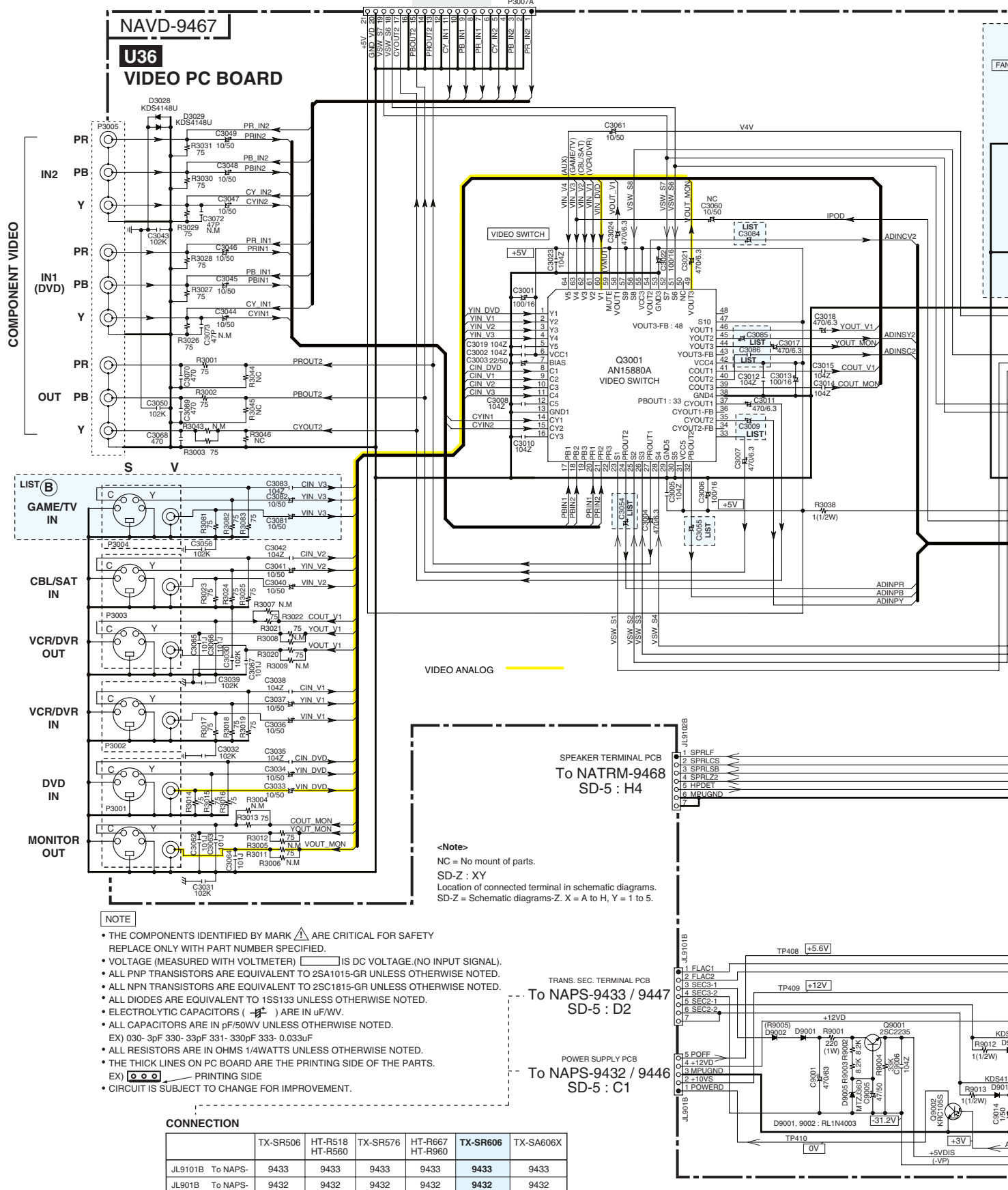
To NAAF-9424
(2/2)
SD-1 : B1

Refer to following table about the parts displayed by mark "LIST".

	TX-SR576			HT-R667			HT-R960			TX-SR606					TX-SA606X	
	DD	PP	PA	DD	DC	PP	DD	DC	PP	DD	PP	PA	GK	GG	WT	JJ
A	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Yes
B	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	None
C	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
D	None	None	None	None	None	None	None	None	None	Yes	Yes	Yes	Yes	Yes	Yes	None
E	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
C401-403, 405-408	222J	222J	222J	222J	222J	222J	222J	222J	222J	222J	222J	222J	222J	222J	222J	471J
C414, 424	333J	333J	333J	333J	333J	333J	333J	333J	333J	333J	333J	333J	333J	333J	333J	153J
C640	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
C411 - 413, 421-423	331K	331K	331K	331K	331K	331K	331K	331K	331K	331K	331K	331K	331K	331K	331K	331K
C415 - 418, 425 - 428	331J	331J	331J	331J	331J	331J	331J	331J	331J	331J	331J	331J	331J	331J	331J	331J
R106, 107	0	NC	0	0	0	NC	0	0	NC	0	NC	0	0	0	0	0
R346	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
R421 - 428, 431 - 438	470	470	470	470	470	470	470	470	470	470	470	470	470	470	470	680
R441 - 448, 451 - 458	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K	10K
R571 - R578	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	NC
R591, 592	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	22(1/2W)	15(1/2W)
R601	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	47	NC
R629 - 631, 615, 694, 780	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
R762	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Yes
R730 - 732	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
R737	NC	10k	10k	10k	4.7k	4.7k	4.7k	4.7k	0	33k	33k	33k	33k	33k	33k	10k
R738	NC	NC	NC	33k	33k	33k	33k	33k	0	0	0	0	0	0	0	10k
R739	0	NC	NC	56k	10k	10k	10k	10k	0	NC	NC	NC	NC	NC	NC	33k
R740	0	10k	NC	0	0	10k	4.7k	10k	10k	NC	NC	NC	NC	NC	NC	33k
R747	33k	10k	33k	33k	33k	33k	33k	33k	NC	56k	56k	56k	56k	56k	56k	10k
R748	10k	10k	10k	56k	4.7k	4.7k	4.7k	4.7k	NC	NC	NC	NC	NC	NC	NC	33k
R749	NC	10k	10k	33k	10k	10k	10k	10k	NC	10k	10k	10k	10k	10k	10k	10k
R750	NC	10k	10k	NC	NC	10k	10k	10k	33k	10k	10k	10k	10k	10k	10k	10k

— AUDIO DIGITAL SIGNAL
— AUDIO ANALOG SIGNAL
— FRONT L
— FRONT R

SCHEMATIC DIAGRAMS-4 (SD-4)
VIDEO SECTION



E

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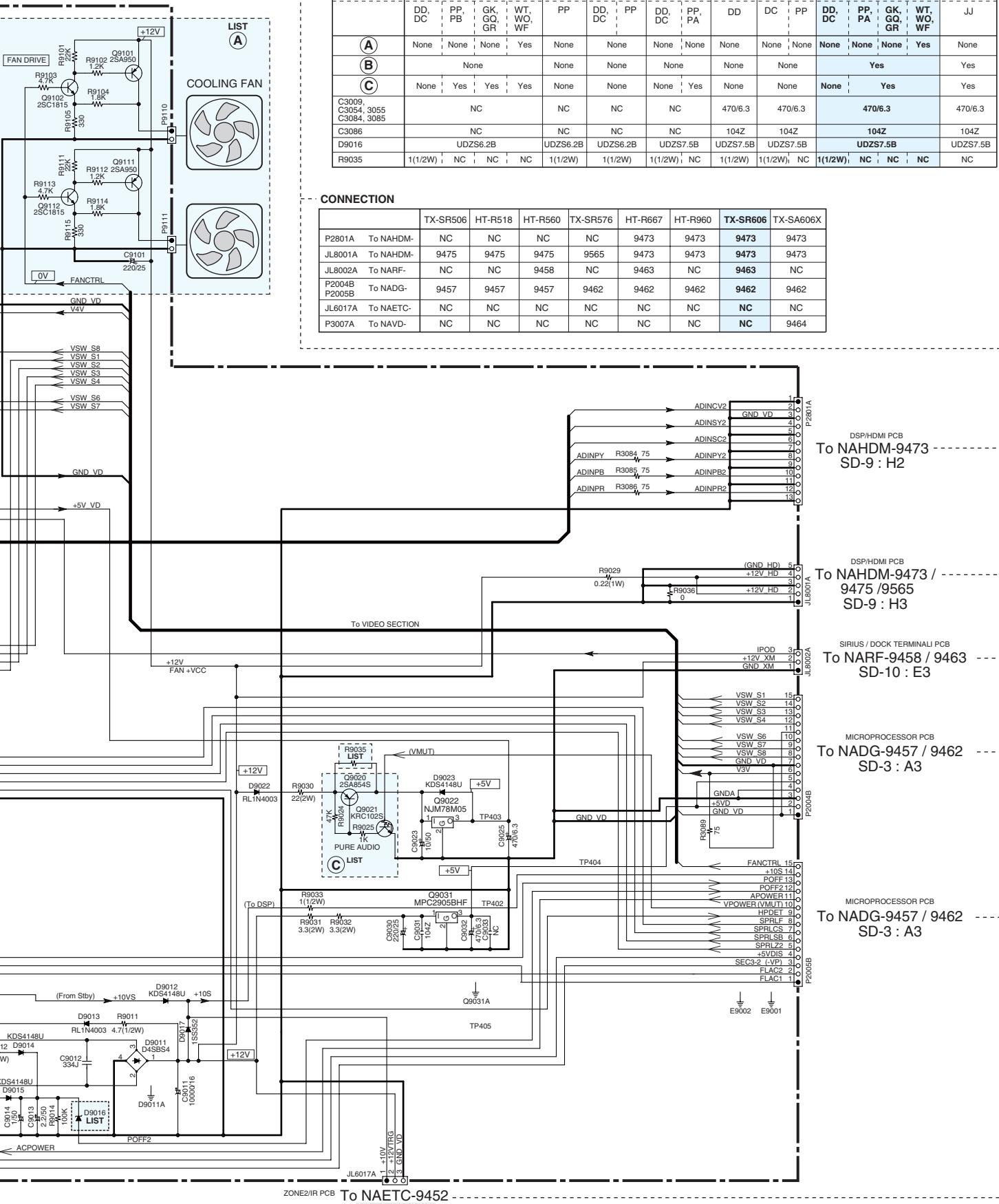
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Refer to following table about the parts displayed by mark "LIST".

	TX-SR506				HT-R518	HT-R560	TX-SR576		HT-R667	HT-R960	TX-SR606				TX-SA606X		
	DD, DC	PP, PB	GK, GQ, GR	WT, WO, WF	PP	DD, DC	PP	DD, DC	PP, PA	DD	DC	PP	DD, DC	PP, PA	GK, GQ, GR	WT, WO, WF	JJ
(A)	None	None	None	Yes	None	None	None	None	None	None	None	None	None	None	None	Yes	None
(B)	None				None	None	None	None	None	None	None	None	Yes				Yes
(C)	None	Yes	Yes	Yes	None	None	None	None	Yes	None	None	None	None	None	Yes	Yes	Yes
C3009, C3054, C3055, C3084, C3085	NC				NC	NC	NC	NC	470/6.3	470/6.3	470/6.3				470/6.3		
C3086	NC				NC	NC	NC	104Z	104Z	104Z	104Z				104Z		
D9016	UDZS6.2B				UDZS6.2B	UDZS6.2B	UDZS7.5B	UDZS7.5B	UDZS7.5B	UDZS7.5B	UDZS7.5B				UDZS7.5B		
R9035	1(1/2W)	NC	NC	NC	1(1/2W)	1(1/2W)	1(1/2W)	NC	1(1/2W)	1(1/2W)	NC	1(1/2W)	NC	1(1/2W)	NC	NC	NC

CONNECTION

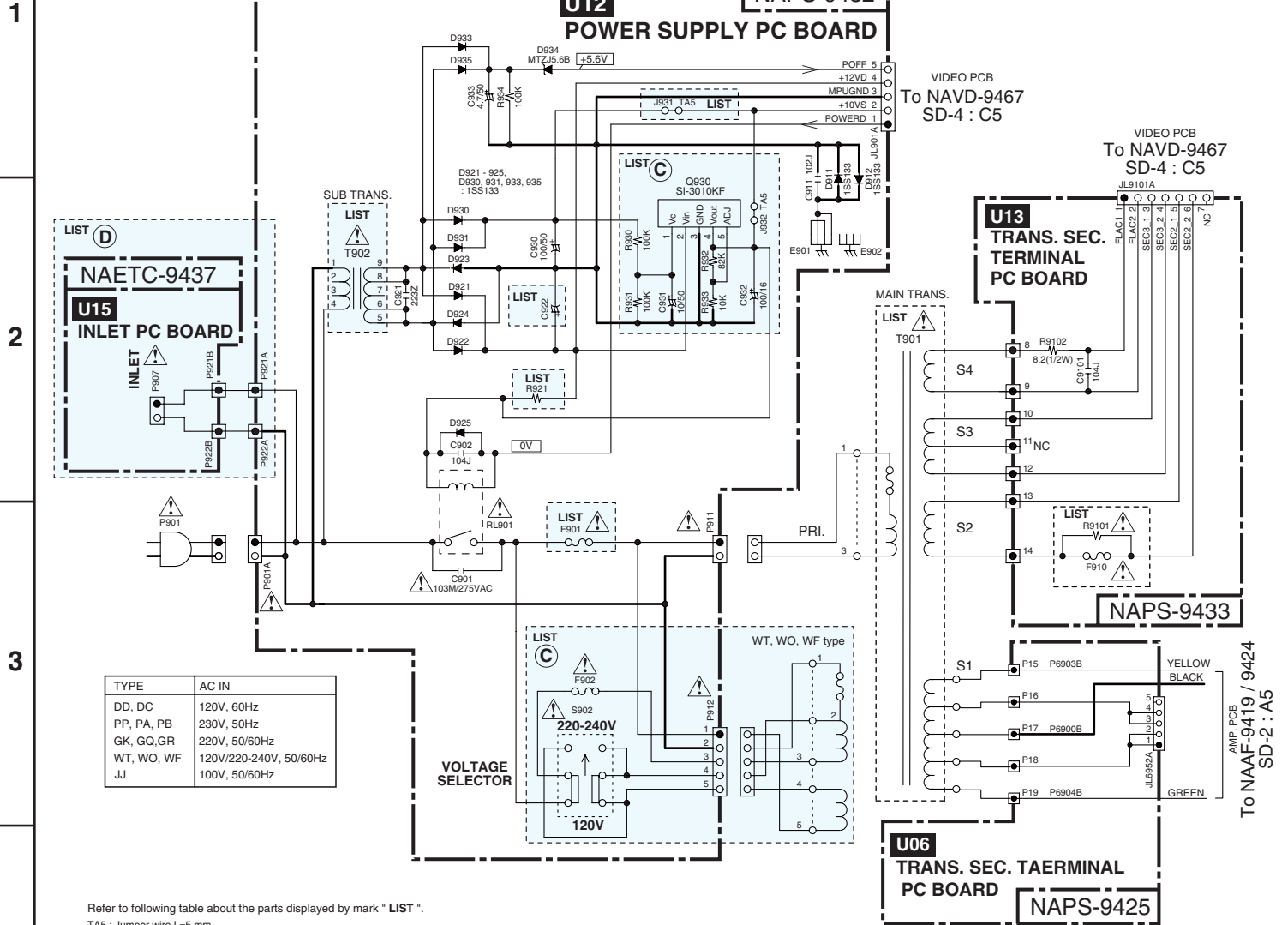
	TX-SR506	HT-R518	HT-R560	TX-SR576	HT-R667	HT-R960	TX-SR606	TX-SA606X
P2801A To NAHDM-	NC	NC	NC	NC	9473	9473	9473	9473
JL8001A To NAHDM-	9475	9475	9475	9565	9473	9473	9473	9473
JL8002A To NARF-	NC	NC	9458	NC	9463	NC	9463	NC
P2004B To NADG-	9457	9457	9457	9462	9462	9462	9462	9462
JL6017A To NAETC-	NC	NC	NC	NC	NC	NC	NC	NC
P3007A To NAVD-	NC	NC	NC	NC	NC	NC	NC	9464



ZONE2/IR PCB To NAETC-9452

SCHEMATIC DIAGRAMS-5 (SD-5)
SPEAKER TERMINAL / POWER SUPPLY SECTION

<Note>
 NC = No mount of parts.
 SD-Z : XY
 Location of connected terminal in schematic diagrams.
 SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.



Refer to following table about the parts displayed by mark "LIST".
 TA5 : Jumper wire L=5 mm

	TX-SR506				HT-R518			HT-R560			TX-SR576			HT-R667			HT-R960			TX-SR606				TX-SA606X
	DD, DC	PP, PB	GK, GQ, GR	WT, WO, WF	PP	DD, DC	PP	DD, DC	PP, PA	DD	DC	PP	DD, DC	PP, PA, PB	GK, GQ, GR	WT, WO, WF	JJ							
(C)	None	None	None	Yes	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	
(D)	None				None	None			None	None	None	None			None				Yes					
T901	NPT-1516D	1516P	1516P	1516DG	1517P	1517D	1517P	1516D	1516P	1574D	1574D	1574P	1552D	1552P	1552G	1552DQ	1552J							
T902	NPT-1520JQ	1520GQ	1520GQ	1520JQ	1520GQ	1520JQ	1520GQ	1520JQ	1520GQ	1520JQ	1520JQ	1520GQ	1520JQ	1520GQ	1520GQ	1520JQ	1520JQ							
C922	2200/25	2200/16	2200/16	2200/35	2200/16	2200/25	2200/16	2200/25	2200/16	2200/25	2200/16	2200/25	2200/25	2200/16	2200/16	2200/35	2200/16							
R921	47(1/2W)	47(1/2W)	47(1/2W)	NC	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	47(1/2W)	NC	47(1/2W)							
R9101	0.1(1/2W)	0.22(1/1W)	0.22(1/1W)	0.22(1/1W)	0.22(1/1W)	0.1(1/2W)	0.22(1/1W)	0.1(1/2W)	0.22(1/1W)	0.1(1/2W)	0.1(1/2W)	0.1(1/2W)	0.1(1/2W)	0.22(1/1W)	NC	NC	NC							
F901	8A/125V	4A/250V	4A/250V	4A/250V	4A/250V	8A/125V	4A/250V	8A/125V	4A/250V	8A/125V	8A/125V	4A/250V	10A/250V	5A/250V	5A/250V	5A/250V	12A/250V							
F902	NC	NC	NC	4A/250V	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	5A/125V	5A/125V							
F910	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC							
J931	TA5	TA5	TA5	NC	NC	NC	TA5	NC	NC	NC	NC	NC	Yes	Yes	Yes	No	NC							

CAUTION
 FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH FUSE OF SAME TYPE AND RATING INDICATED.

ATTENTION
 AFIN D'ASSURER UNE PROTECTION PERMANENTE CONTRE LES RISQUES D'INCENDIE, REMPLACER UNIQUEMENT PAR UN FUSIBLE DE MEME TYPE ET CALIBRATION COMME INDIQUE.

THIS SYMBOL LOCATED NEAR THE FUSE INDICATES THAT THE FUSE USED IS SLOW OPERATING TYPE FOR CONTINUED PROTECTION AGAINST FIRE HAZARD. REPLACE WITH SAME TYPE FUSE. FOR FUSE RATING REFER TO THE MARKING ADJACENT TO THE SYMBOL.

CE SYMBOLE INDIQUE QUE LE FUSIBLE UTILISE EST LENT. POUR UNE PROTECTION PERMANENTE, N'UTILISER QUE DES FUSIBLES DE MEME TYPE. CE DERNIER EST INDIQUE LA OU LE PRESENT SYMBOLE EST APPOSE.

NOTE

- THE COMPONENTS IDENTIFIED BY MARK ARE CRITICAL FOR SAFETY REPLACE ONLY WITH PART NUMBER SPECIFIED.
- VOLTAGE (MEASURED WITH VOLTMETER) IS DC VOLTAGE. (NO INPUT SIGNAL).
- ALL PNP TRANSISTORS ARE EQUIVALENT TO 2SA1015-GR UNLESS OTHERWISE NOTED.
- ALL NPN TRANSISTORS ARE EQUIVALENT TO 2SC1815-GR UNLESS OTHERWISE NOTED.
- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS () ARE IN uF/WV.
- ALL CAPACITORS ARE IN pF/50WV UNLESS OTHERWISE NOTED.
- EX) 030-3pF 330-33pF 331-330pF 333-0.03uF
- ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
- THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
- EX) PRINTING SIDE
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

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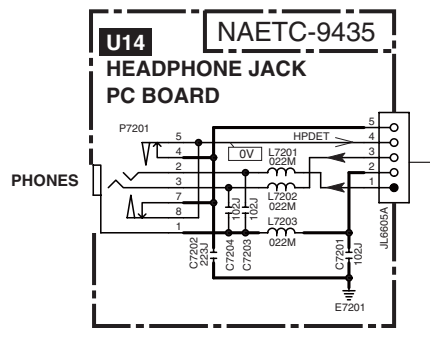
To NAAF-9419 / 9424
 AMP. PCB
 SD-2 : A5

VIDEO PCB
 To NAVD-9467
 SD-4 : C5

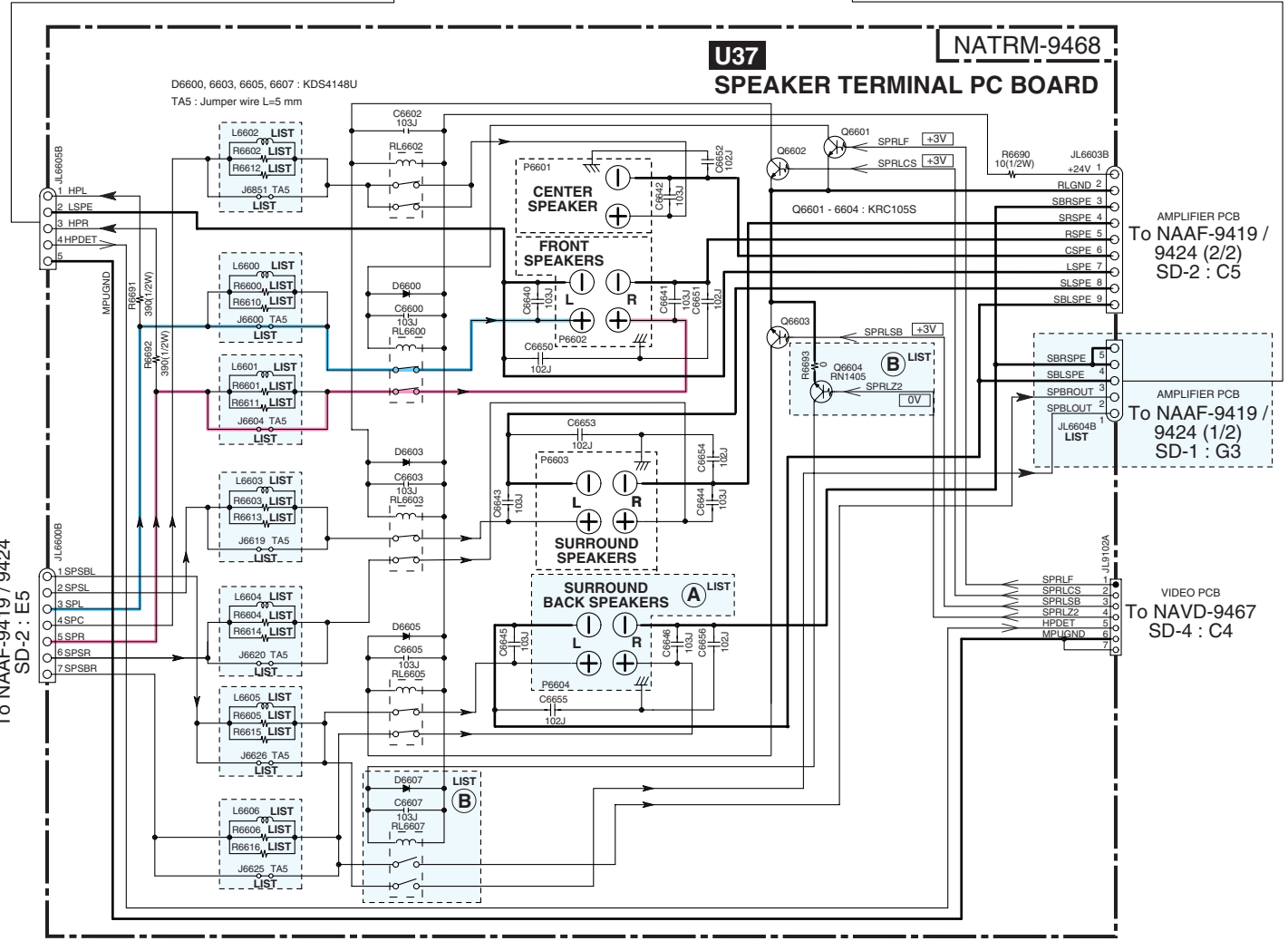
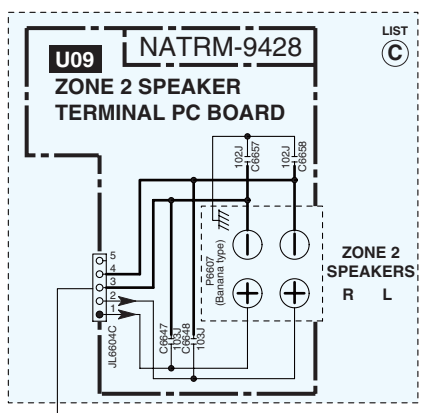
VIDEO PCB
 To NAVD-9467
 SD-4 : C5

To NAAF-9419 / 9424
 AMP. PCB
 SD-2 : A5

E F G H



AUDIO ANALOG SIGNAL
 — FRONT L
 — FRONT R



Refer to following table about the parts displayed by mark "LIST".

	TX-SR506			HT-R518	HT-R560		TX-SR576		HT-R667	HT-R960		TX-SR606				TX-SA606X
	DD, DC	PP, PB	GK, GQ, GR	PP	DD, DC	PP	DD, DC	PP, PA	DD	DC	PP	DD, DC	PP, PA, PB	GK, GQ, GR	WT, WO, WF	JJ
L6600 - 6604	None		S-1.3C	S1.3C	None	S-1.3C	None	S-1.3C	None	None	S-1.3C	None	S-1.3C			None
L6605, 6606	None		S-1.3C	None	None	S-1.3C	None	S-1.3C	None	None	S-1.3C	None	S-1.3C			None
R6600 - 6606 R6610 - 6616	None		22	22	None	22	None	22	None	None	22	None	22			None
R6605, 6606 R6615, 6616	None		22	None	None	22	None	22	None	None	22	None	22			None
J6600, 6604, 6619, 6620, 6625, 6626, 6651	TA5		None	None	Yes	None	Yes	None	None	Yes	None	Yes	None			Yes
JL6604		Yes		None	Yes		Yes		Yes	Yes		Yes				None
(A)		Yes		None	Yes		Yes		Yes	Yes		Yes				Yes
(B)		None		None	None		None		None	None		None				None
(C)		None		None	None		None		None	None		No	Yes			None

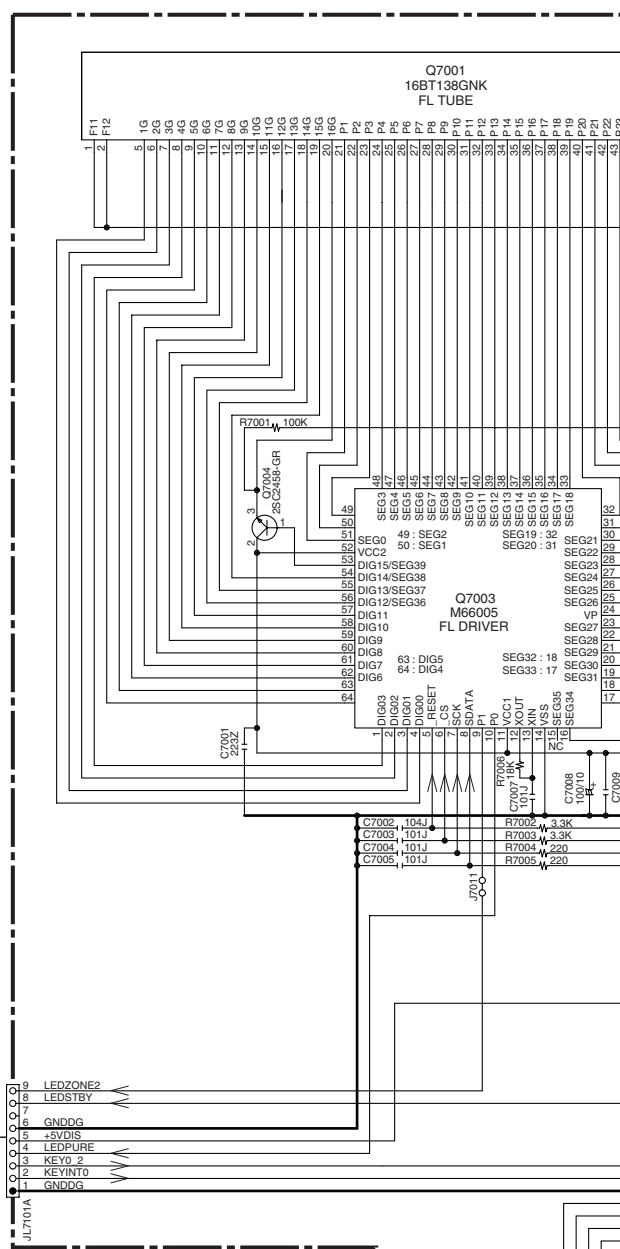
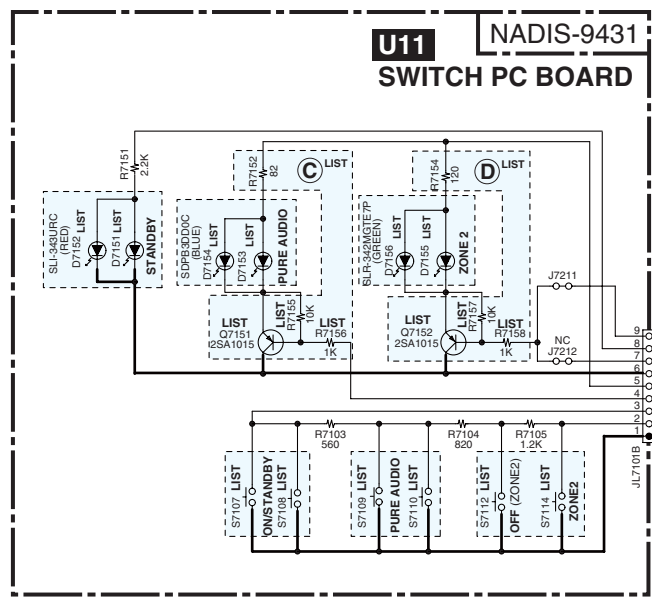
SCHEMATIC DIAGRAMS-6 (SD-6) DISPLAY SECTION

NOTE

- THE COMPONENTS IDENTIFIED BY MARK Δ ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
- VOLTAGE (MEASURED WITH VOLTMETER) \square IS DC VOLTAGE. (NO INPUT SIGNAL).
- ALL PNP TRANSISTORS ARE EQUIVALENT TO 2SA1015-GR UNLESS OTHERWISE NOTED.
- ALL NPN TRANSISTORS ARE EQUIVALENT TO 2SC1815-GR UNLESS OTHERWISE NOTED.
- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS (---) ARE IN μ F/WV.
- ALL CAPACITORS ARE IN pF/50WV UNLESS OTHERWISE NOTED.
EX) 030- 3pF 330- 33pF 331- 330pF 333- 0.033 μ F
- ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
- THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
EX) \square PRINTING SIDE
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

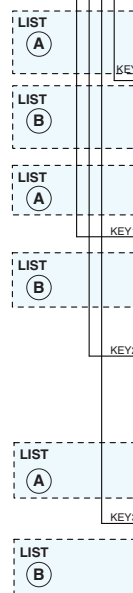
<Note>

NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

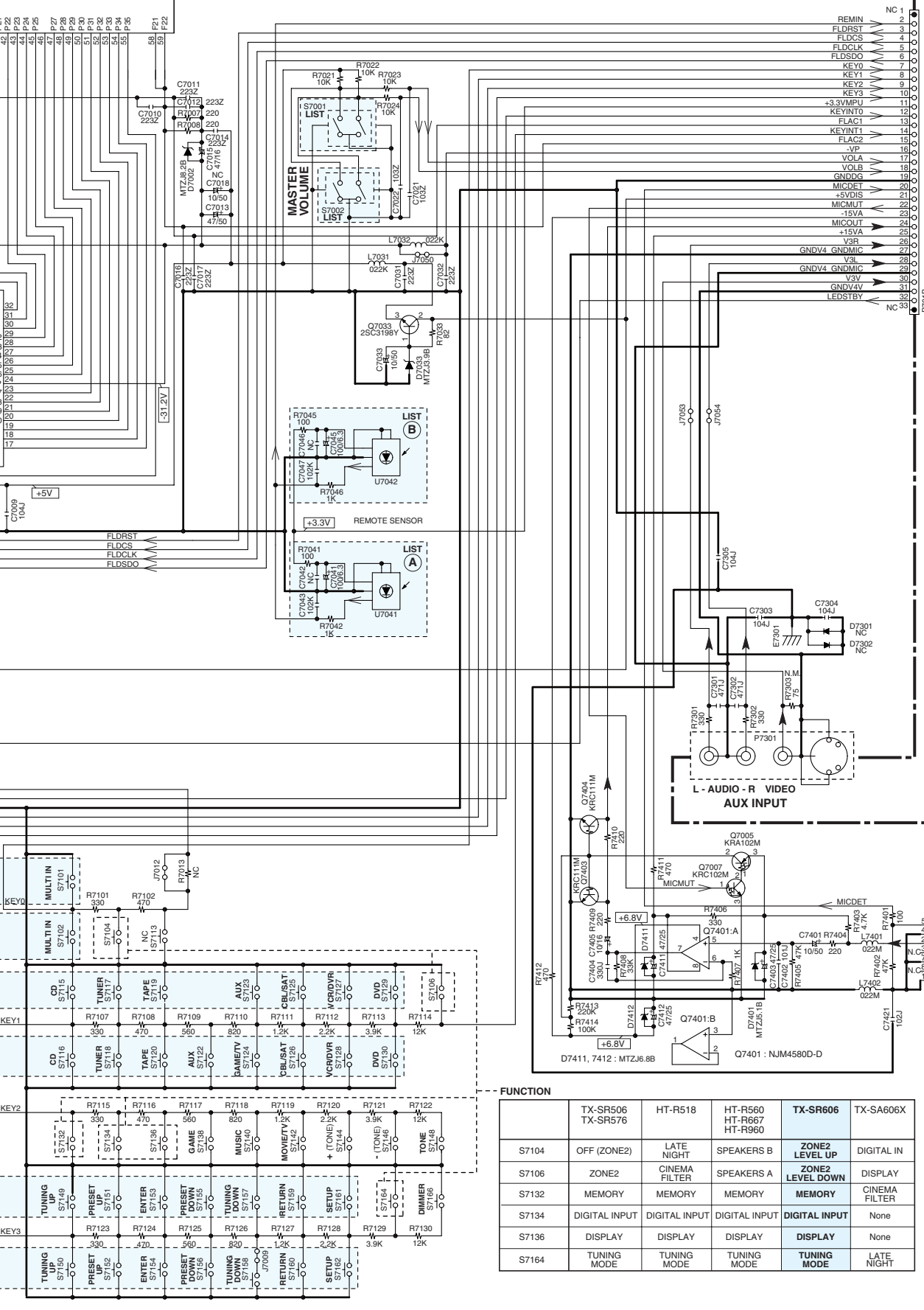


Refer to following table about the parts displayed by mark "LIST".

	TX-SR506				HT-R518		HT-R560		TX-SR576		HT-R667		HT-R960		TX-SR606				TX-SA606X	
	DD, DC	PP, PB	GK, GQ, GR	WT, WO, WF	PP	DD, DC	PP	DD, DC	PP, PA	DD	DC	PP	DD, DC	PP, PA	GK, GQ, GR	WT, WO, WF	JJ			
D7151		Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			None		None			
D7152		None			None	None	None	None	None	None	None	None			Yes		Yes			
D7153	None	Yes			Yes	None	None	None	Yes	Yes	None	Yes			None		None			
D7154		None			None	None	None	None	None	None	None	None			None	Yes	Yes	Yes	Yes	
D7155		None			None	None	None	None	None	None	None	None			Yes		None			
D7156		Yes			None	None	None	Yes	None	None	None	None			None		None			
(A)		Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			None		None			
(B)		None			None	None	None	None	None	None	None	None			Yes		Yes			
(C)	None	Yes			Yes	None	None	None	Yes	None	None	None			None	Yes	Yes	Yes	Yes	
(D)		Yes			None	None	Yes	None	None	None	None	None			Yes		None			
S7001, S7107		Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			None		None			
S7002, S7108		None			None	None	None	None	None	None	None	None			Yes		Yes			
S7109		MUSIC OPTIMIZER	PURE AUDIO		PURE AUDIO	DOCK	MUSIC OPTIMIZER	PURE AUDIO	DOCK						None		None			
S7110		None			None	None	None	None	None	None	None	None			None	Yes	Yes		Yes	
S7112, S7114		None			None	None	None	None	None	None	None	None			Yes		None		None	



U10 NADIS-9430
DISPLAY PC BOARD



MICROPROCESSOR PCB
To NADG-9457
/9462
SD-3 : A2

FUNCTION

	TX-SR506 TX-SR576	HT-R518	HT-R560 HT-R667 HT-R960	TX-SR606	TX-SA606X
S7104	OFF (ZONE2)	LATE NIGHT	SPEAKERS B	ZONE2 LEVEL UP	DIGITAL IN
S7106	ZONE2	CINEMA FILTER	SPEAKERS A	ZONE2 LEVEL DOWN	DISPLAY
S7132	MEMORY	MEMORY	MEMORY	MEMORY	CINEMA FILTER
S7134	DIGITAL INPUT	DIGITAL INPUT	DIGITAL INPUT	DIGITAL INPUT	None
S7136	DISPLAY	DISPLAY	DISPLAY	DISPLAY	None
S7164	TUNING MODE	TUNING MODE	TUNING MODE	TUNING MODE	LATE NIGHT

SCHEMATIC DIAGRAMS-7 (SD-7)

DSP SECTION

NAHDM-9565 / 9473:(1/3) **U44 / U41** LIST (B)

LIST (A) DSP / HDMI PCB BOARD

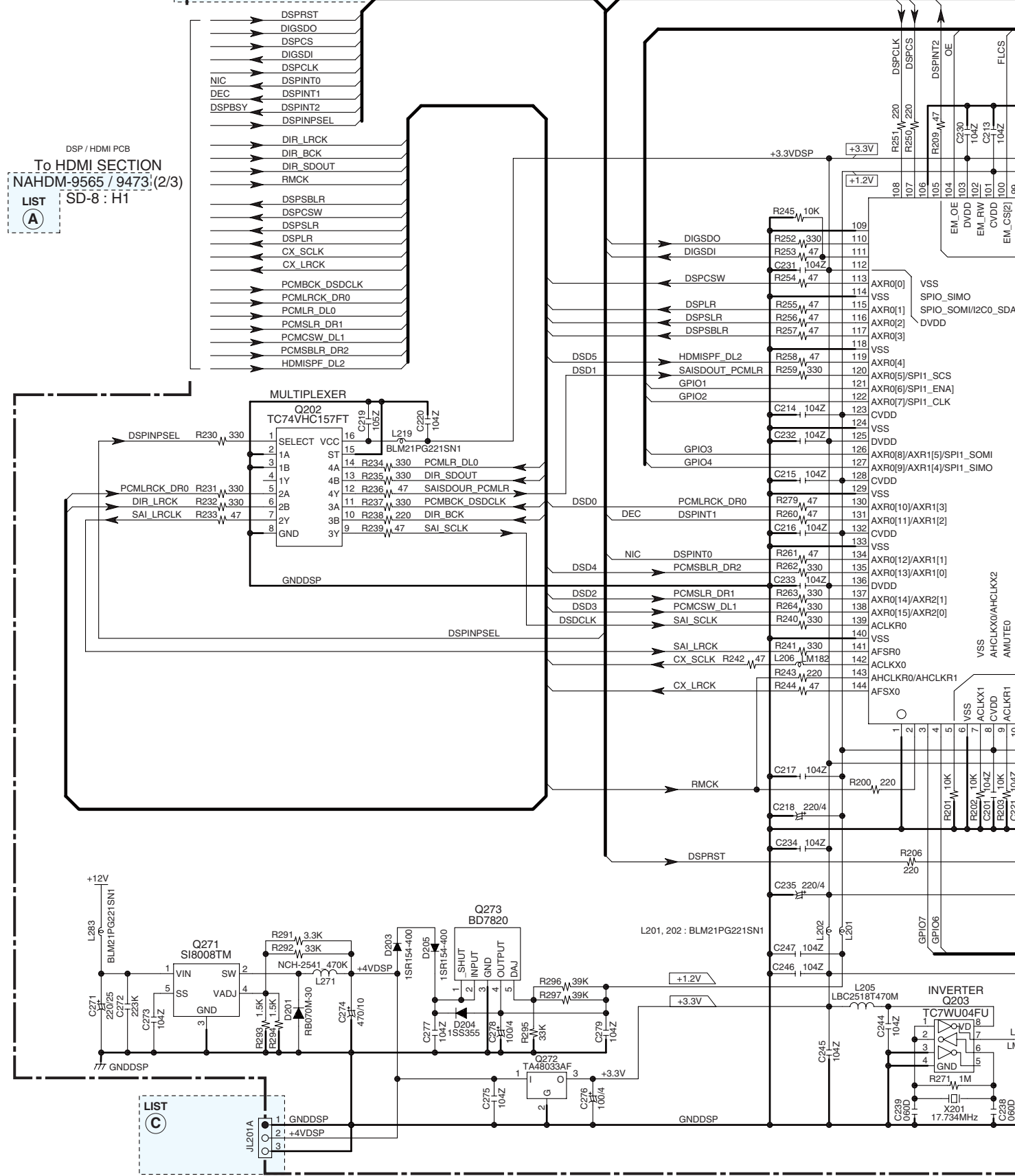
1

2

3

4

5



DSP / HDMI PCB
To HDMI SECTION
NAHDM-9565 / 9473:(2/3)
SD-8 : H1

LIST (A)

LIST (C)

JL201A

1 GNDDSP

2 +4VDSPP

INVERTER Q203

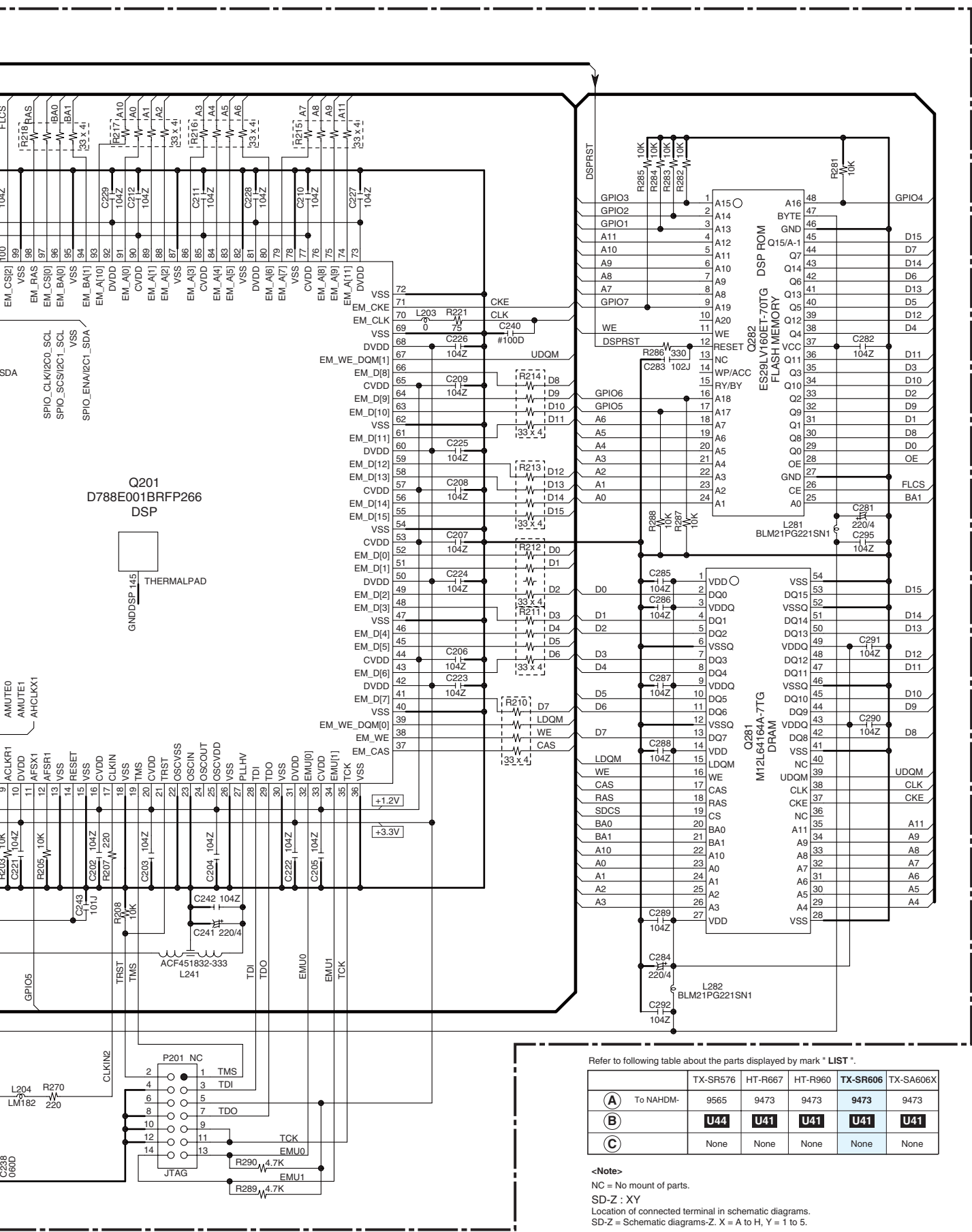
TC7WU04FU

R271 1M

X201 17.734MHz

C239 060D

C238 060D



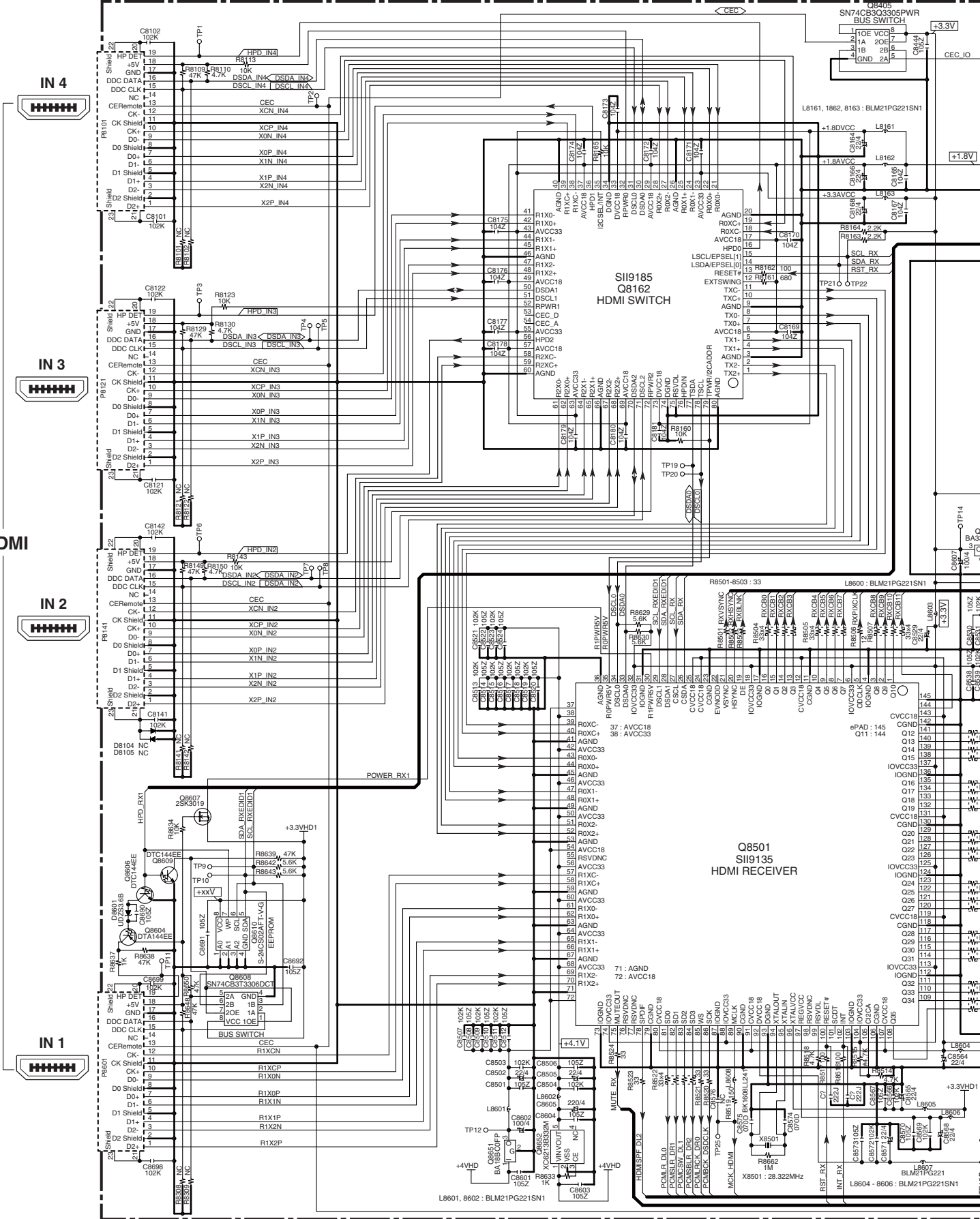
Refer to following table about the parts displayed by mark "LIST".

	TX-SR576	HT-R667	HT-R960	TX-SR606	TX-SA606X
(A)	To NAHDM-	9565	9473	9473	9473
(B)		U44	U41	U41	U41
(C)		None	None	None	None

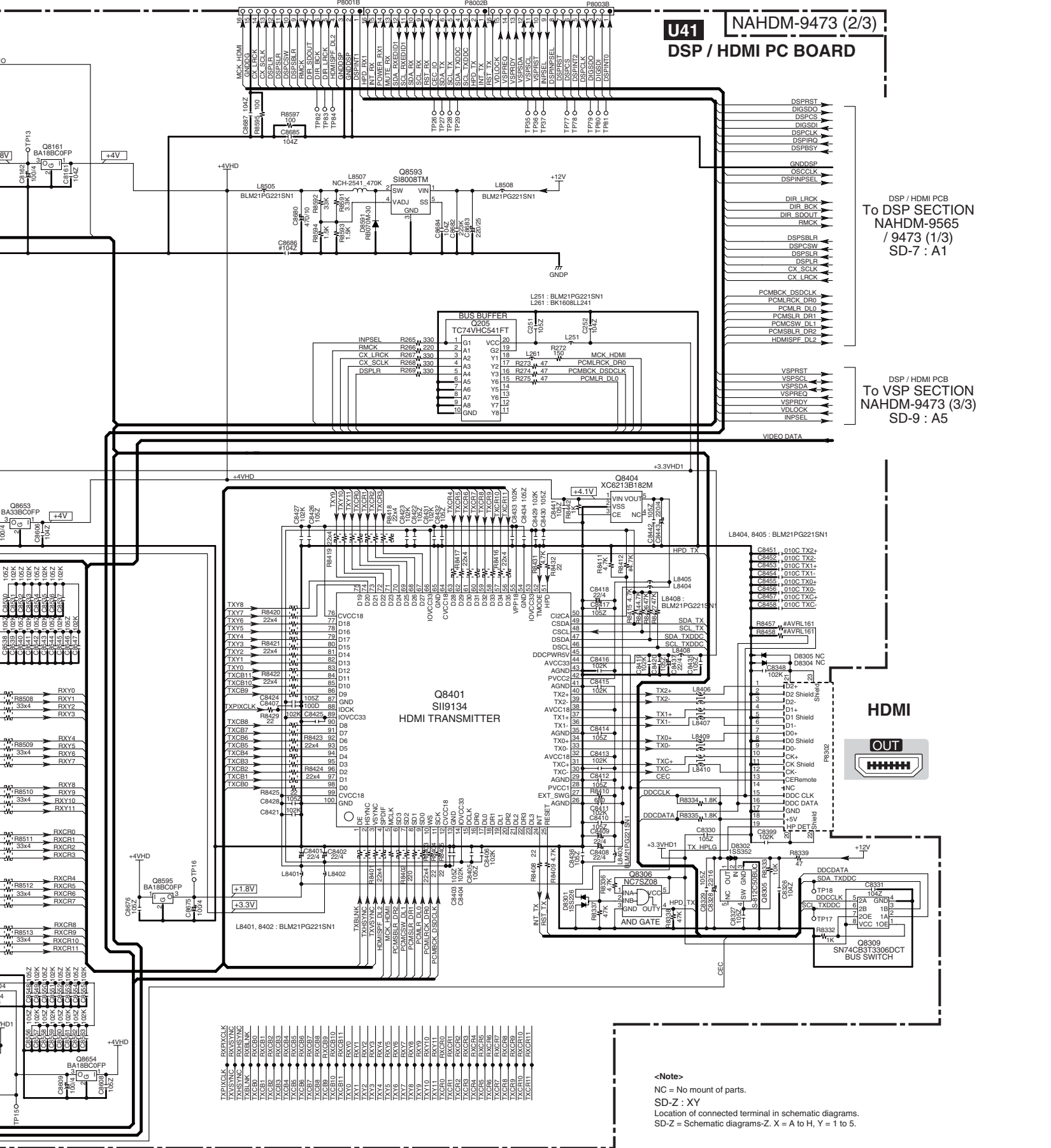
<Note>
 NC = No mount of parts.
 SD-Z : XY
 Location of connected terminal in schematic diagrams.
 SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

SCHEMATIC DIAGRAMS-8 (SD-8) HDMI SECTION

1
2
3
4
5



MICROPROCESSOR PCB
To NADG-9462
SD-3 : D1



U41 NAHDM-9473 (2/3)
DSP / HDMI PC BOARD

DSP / HDMI PCB
To DSP SECTION
NAHDM-9565
/ 9473 (1/3)
SD-7 : A1

DSP / HDMI PCB
To VSP SECTION
NAHDM-9473 (3/3)
SD-9 : A5



<Note>
NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

SCHEMATIC DIAGRAMS-9 (SD-9) VSP (Video Signal Processor) SECTION

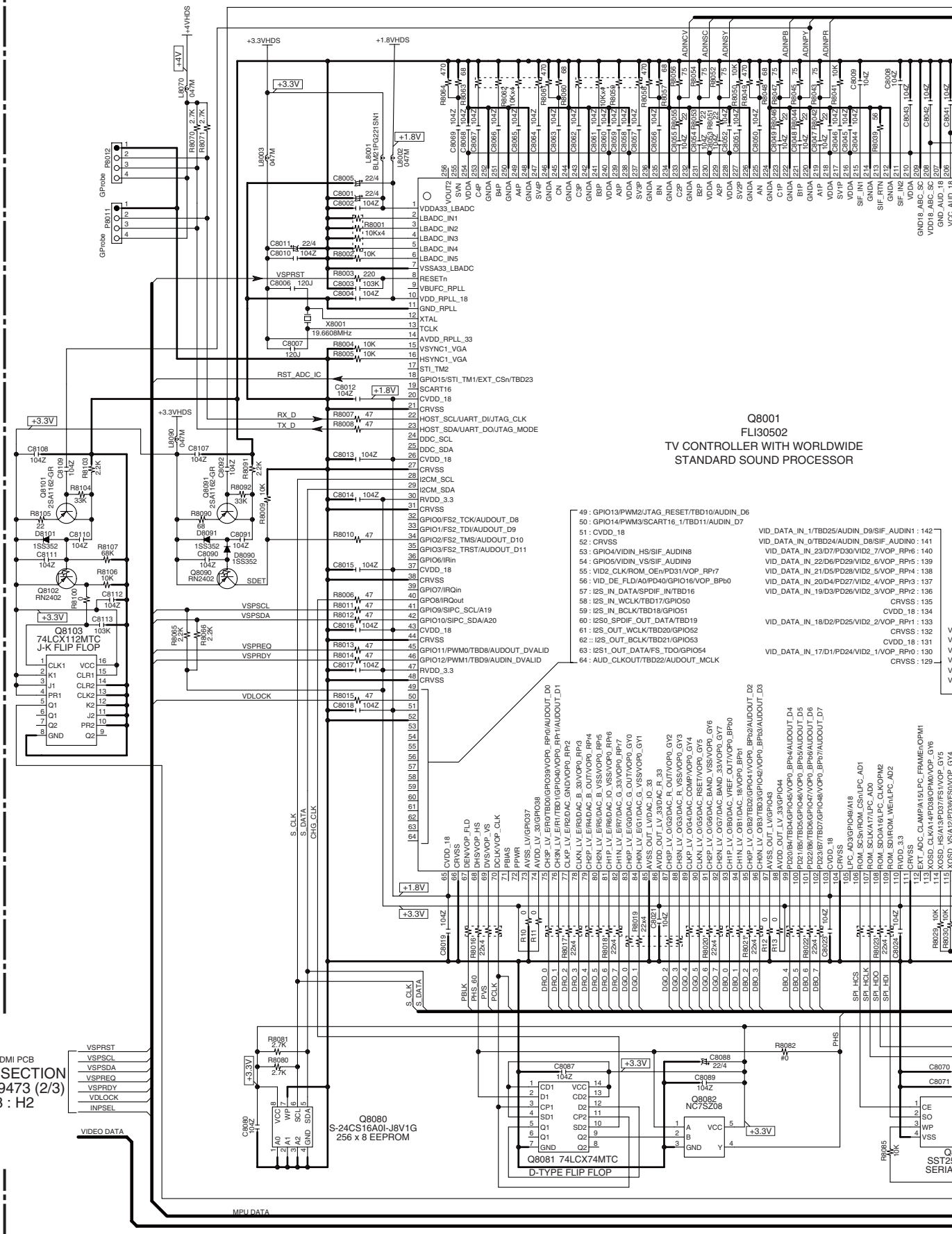
1

2

3

4

5



DSP / HDMI PCB
To HDMI SECTION
NAHDM-9473 (2/3)
SD-8 : H2

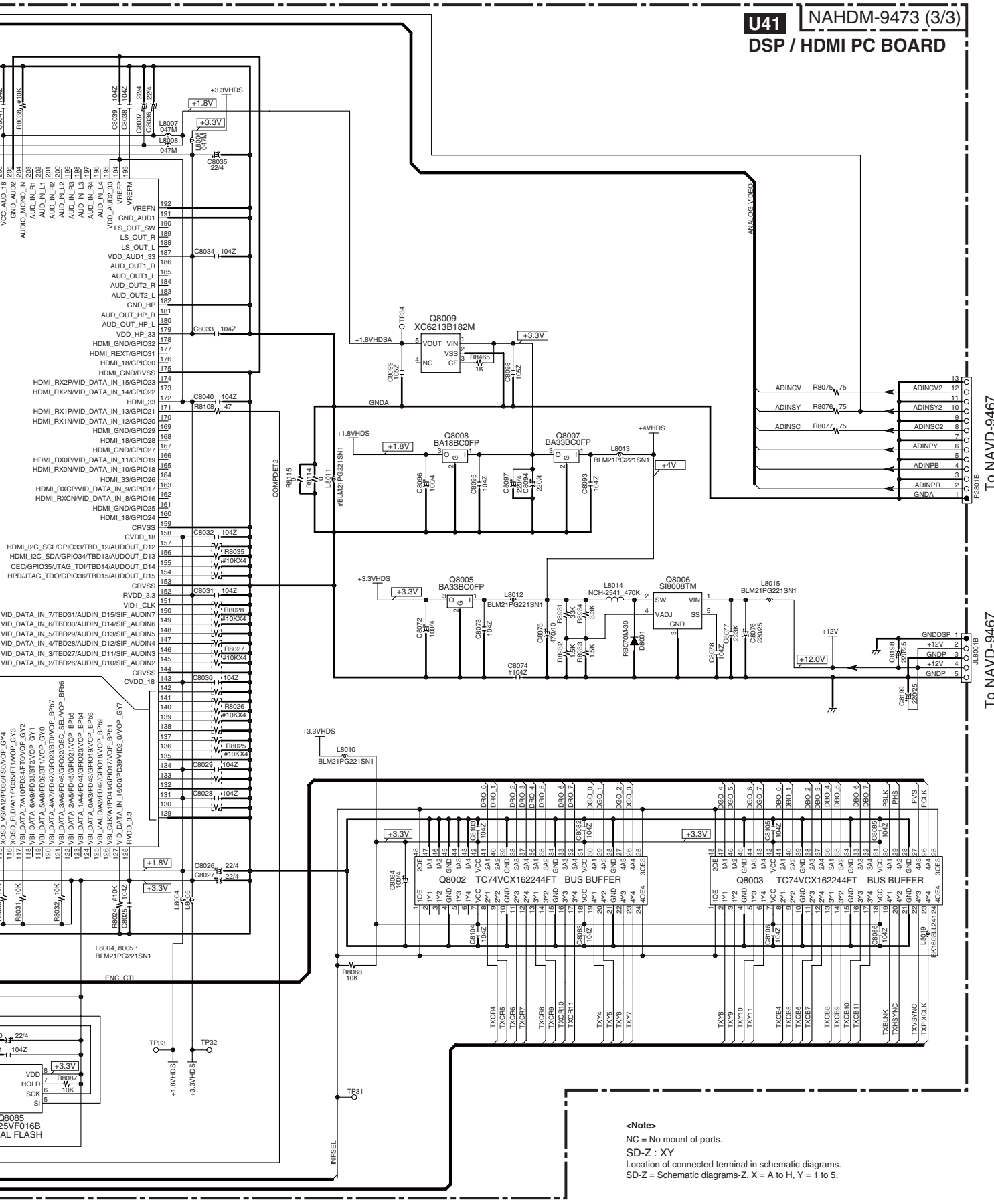
Q8001
FLI30502
TV CONTROLLER WITH WORLDWIDE
STANDARD SOUND PROCESSOR

- 49: GPIO13/PWM2/JTAG_RESET/TBD10/AUDIN_D6
- 50: GPIO14/PWM3/SCART16_1/TBD11/AUDIN_D7
- 51: CVDD_18
- 52: CRVSS
- 53: GPIO4/VIDIN_HS/SIF_AUDIN8
- 54: GPIO5/VIDIN_VS/SIF_AUDIN9
- 55: VID2_CLK/ROM_OEN/PD31/VP0_PP7
- 56: VID_DE_FLD/A0/PD40/GPIO16/VOP_BP0
- 57: I2S_IN_DATA/SPIFI_IN/TBD16
- 58: I2S_IN_WCLK/TBD17/GPIO50
- 59: I2S_IN_BCLK/TBD18/GPIO51
- 60: I2S_SPOFI_OUT_DATA/TBD19
- 61: I2S_OUT_WCLK/TBD20/GPIO52
- 62: I2S_OUT_BCLK/TBD21/GPIO53
- 63: I2S1_OUT_DATA/FS_TDO/GPIO54
- 64: AUD_CLK/OUT/TBD22/AUDOUT_MCLK

- VID_DATA_IN_1/TBD25/AUDIN_D9/SIF_AUDIN1 : 142
- VID_DATA_IN_0/TBD24/AUDIN_D8/SIF_AUDIN0 : 141
- VID_DATA_IN_23/D7/PD30/VID2_7/VOP_PP6 : 140
- VID_DATA_IN_22/D6/PD29/VID2_6/VOP_PP5 : 139
- VID_DATA_IN_21/D5/PD28/VID2_5/VOP_PP4 : 138
- VID_DATA_IN_20/D4/PD27/VID2_4/VOP_PP3 : 137
- VID_DATA_IN_19/D3/PD26/VID2_3/VOP_PP2 : 136
- VID_DATA_IN_18/D2/PD25/VID2_2/VOP_PP1 : 134
- CVDD_18 : 133
- CRVSS : 132
- CVDD_18 : 131
- CRVSS : 129

- 105 LPC_AD3/GPIO418
- 106 LPC_SCS/ROM_CS/LPC_AD1
- 107 ROM_SCS/LPC_AD2
- 108 LPC_SCS/LPC_AD3
- 109 ROM_SDR/ROM_MEA/LPC_AD2
- 110 RVD0_33
- 111 CRVSS
- 112 EXT_ADC_CLAMP/ALPC_FRAME/OPM1
- 113 XOSD_CLK/A14/PD30/OPM/VOP_PP6
- 114 XOSD_HS/A13/PD31/OPM/VOP_PP7
- 115 XOSD_VS/A12/PD32/OPM/VOP_PP8
- 116 XOSD_FLD/A11/PD33/FTI/VOP_PP5
- 117

U41 NAHDM-9473 (3/3) DSP / HDMI PC BOARD



To NAVD-9467 SD-4 : H2

To NAVD-9467 SD-4 : H3

<Note>
NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.

A

B

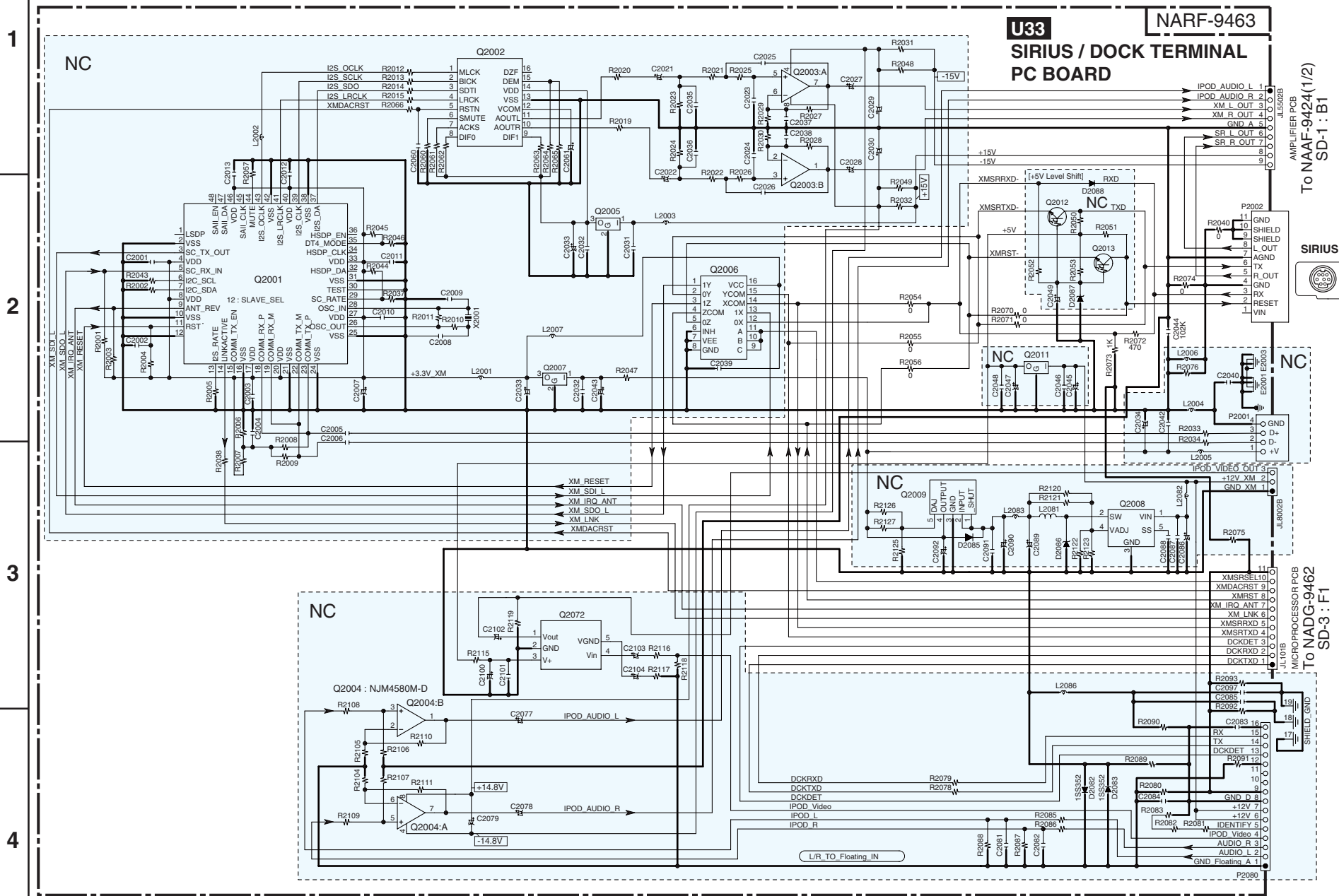
C

D

E

SCHEMATIC DIAGRAMS-10
SIRIUS / DOCK TERMINAL SECTION (DD, DC Type only)

<Note>
NC = No mount of parts.
SD-Z : XY
Location of connected terminal in schematic diagrams.
SD-Z = Schematic diagrams-Z. X = A to H, Y = 1 to 5.



1

2

3

4