

AV RECEIVER

RX-V467/HTR-4063

SCHEMATIC DIAGRAMS

Each schematic diagram is divided into equal pieces to enable printout by conventional printers.

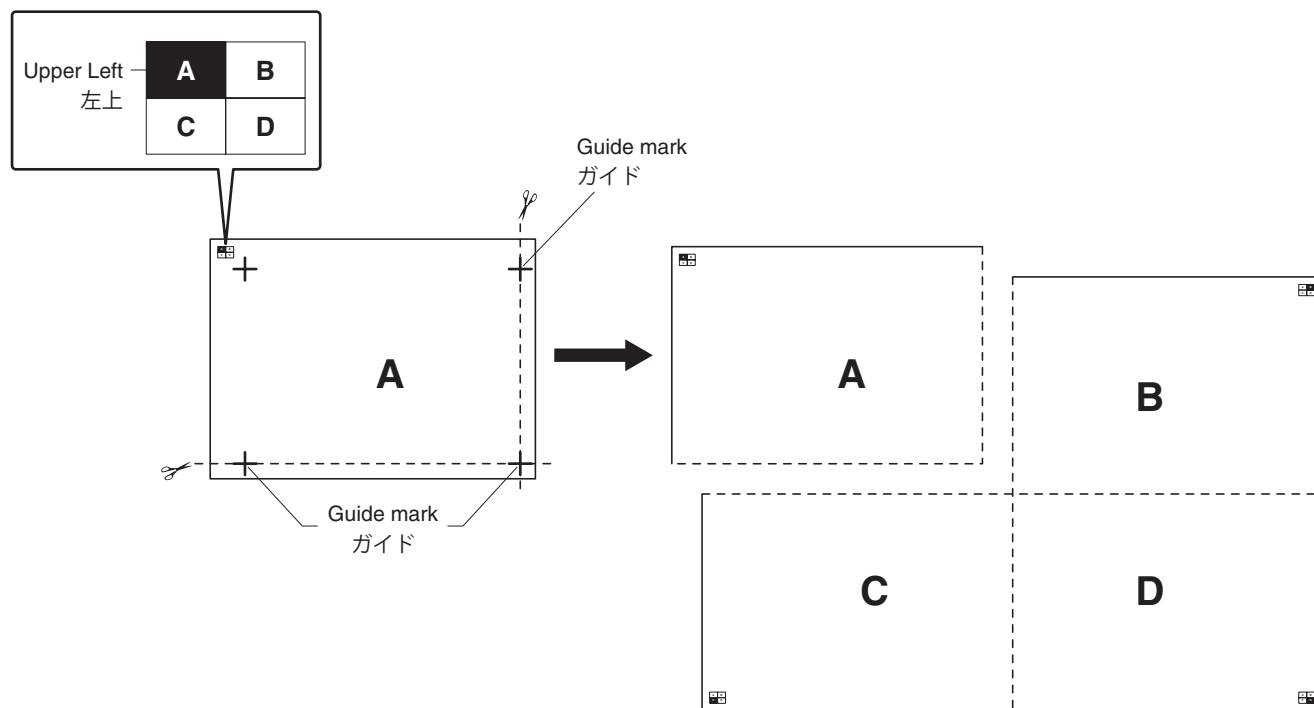
Cut along the guide marks and put them together.

Overall location of each schematic diagram is described by the following symbol.

各回路図は、一般的に使用されているプリンタで印刷できる大きさに分割されています。

印刷した各回路図を、ガイドに沿って切って貼り合わせてください。

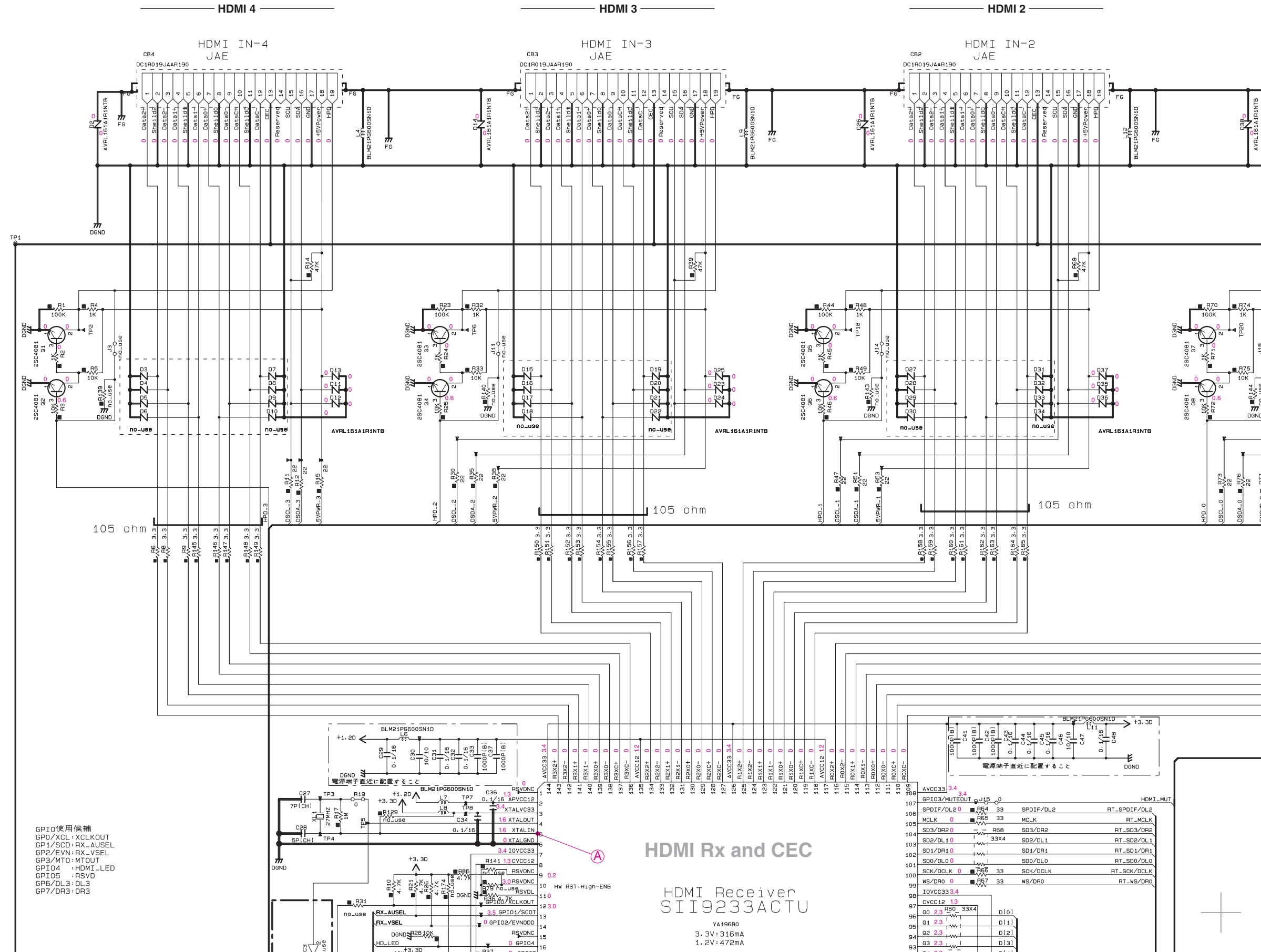
各回路図の張り合わせ位置は以下の記号で表しています。



■ CONTENTS

SCHEMATIC DIAGRAMS

DIGITAL Board	93-96
OPERATION Board	97-98
MAIN Board	99-100
VIDEO Board	101-103



A	B
C	D

RX-V467/HTR-4063

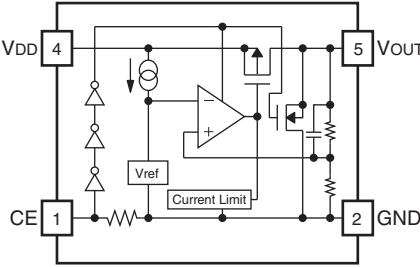
NOTICE (model)

(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL

REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⌘
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	
⊙	CERAMIC TUBULAR CAPACITOR	
⊖	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
⊕	POLYPROPYLENE FILM CAPACITOR	
⊗	SEMICONDUCTIVE CERAMIC CAPACITOR	
Ⓢ	POLYPHENYLENE SULFIDE FILM CAPACITOR	

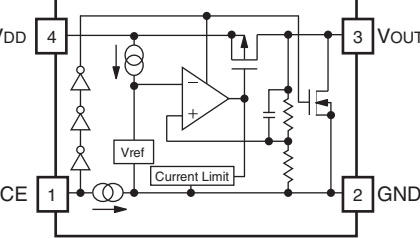
REMARKS	PARTS NAME	
NO MARK	CARBON FILM RESISTOR (P=5)	
⊠	CARBON FILM RESISTOR (P=10)	
△	METAL OXIDE FILM RESISTOR	
⊠	METAL FILM RESISTOR	
⊠	METAL PLATE RESISTOR	
⊠	FIRE PROOF CARBON FILM RESISTOR	
⊠	CEMENT MOLDED RESISTOR	
⊠	SEMI VARIABLE RESISTOR	
⊠	CHIP RESISTOR	

IC13: R1172H501D-T1-F
Voltage regulator



Pin No.	Symbol	Description
1	CE	Chip Enable Pin ("H" Active)
2	GND	Ground Pin
3	NC	No Connection
4	VDD	Input Pin
5	VOUT	Output Pin

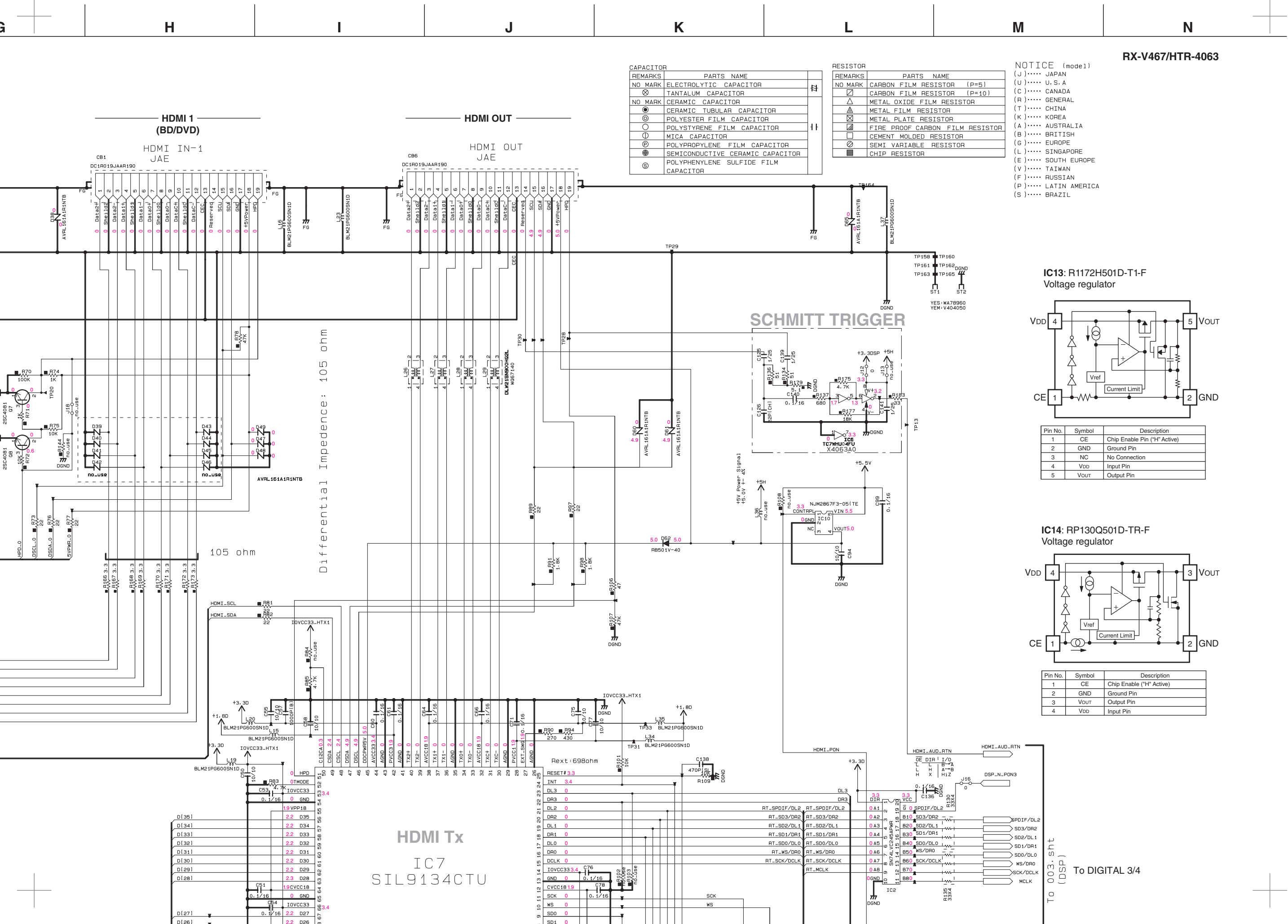
IC14: RP130Q501D-TR-F
Voltage regulator



Pin No.	Symbol	Description
1	CE	Chip Enable Pin ("H" Active)
2	GND	Ground Pin
3	Vout	Output Pin
4	VDD	Input Pin

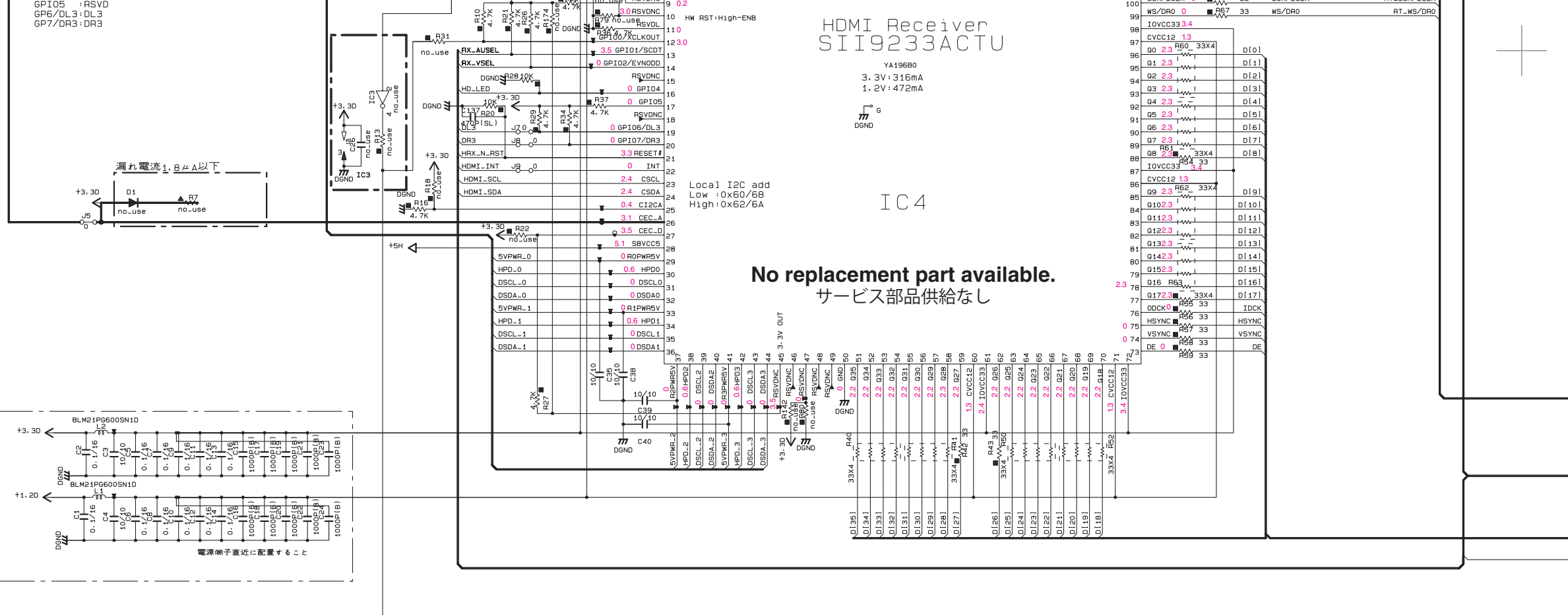
To 003_Sht
(DSP)

To DIGITAL 3/4

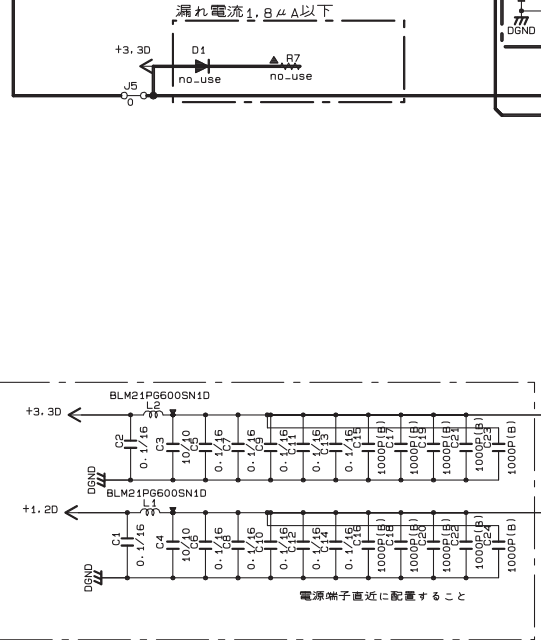


A	B
C	D

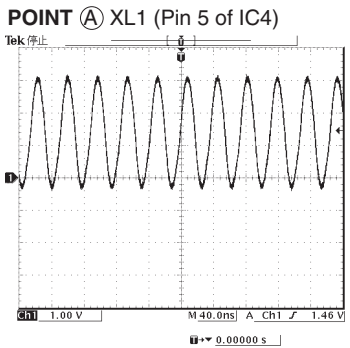
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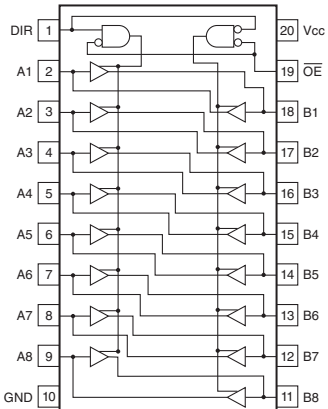


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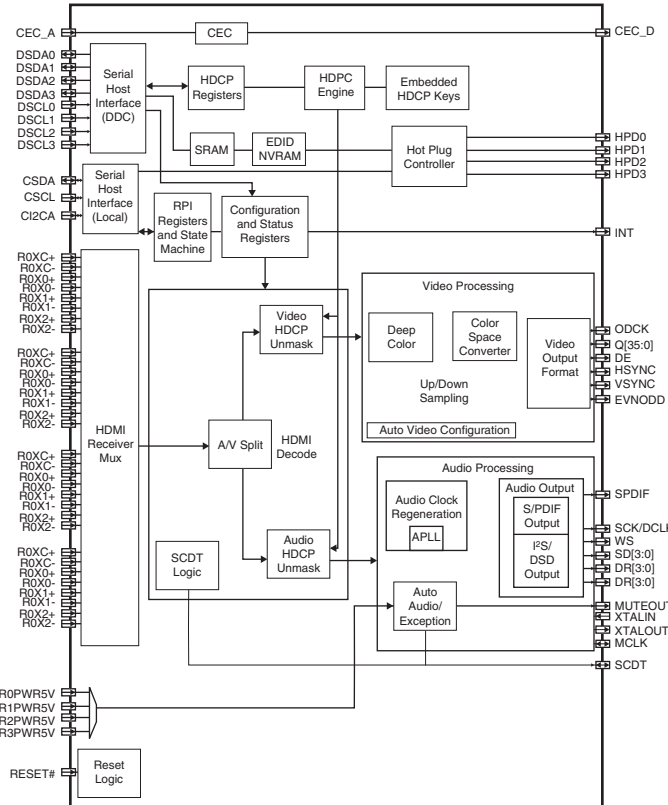


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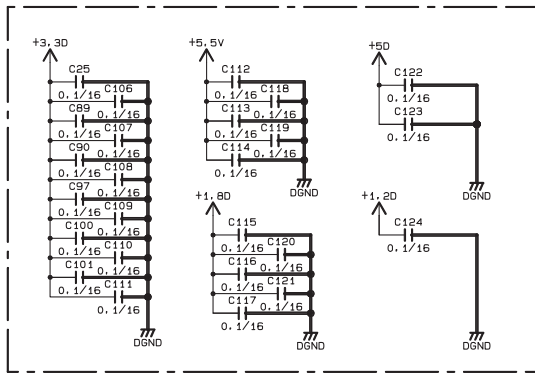
IC2: SN74LVC245APWR
Octal bus transceivers with 3-state outputs



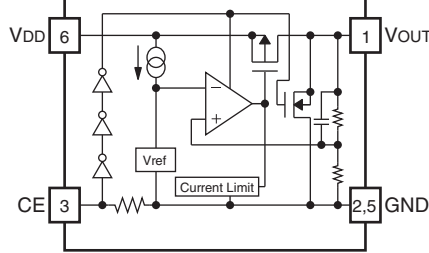
IC4: SiI9233ACTU
HDMI receiver



ゲミタスで追加した部品

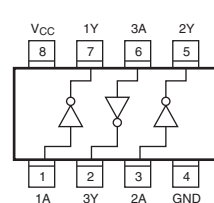


IC5: R1172S121D-E2-F
Voltage regulator

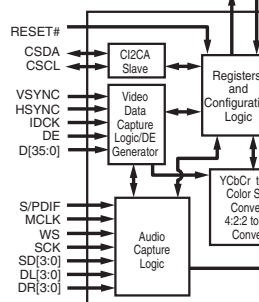


Pin No.	Symbol	Description
1	VOUT	Output Pin of Voltage Regulator
2, 5	GND	Ground Pin
3	CE	Chip Enable Pin
4	NC	No Connection
6	VDD	Input Pin

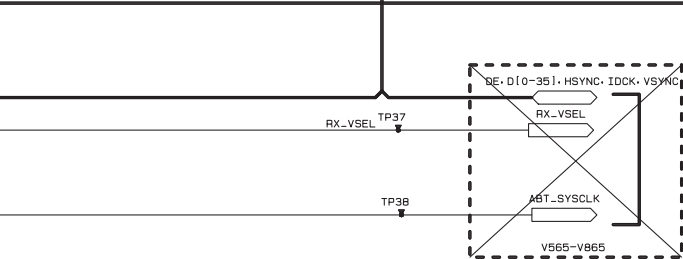
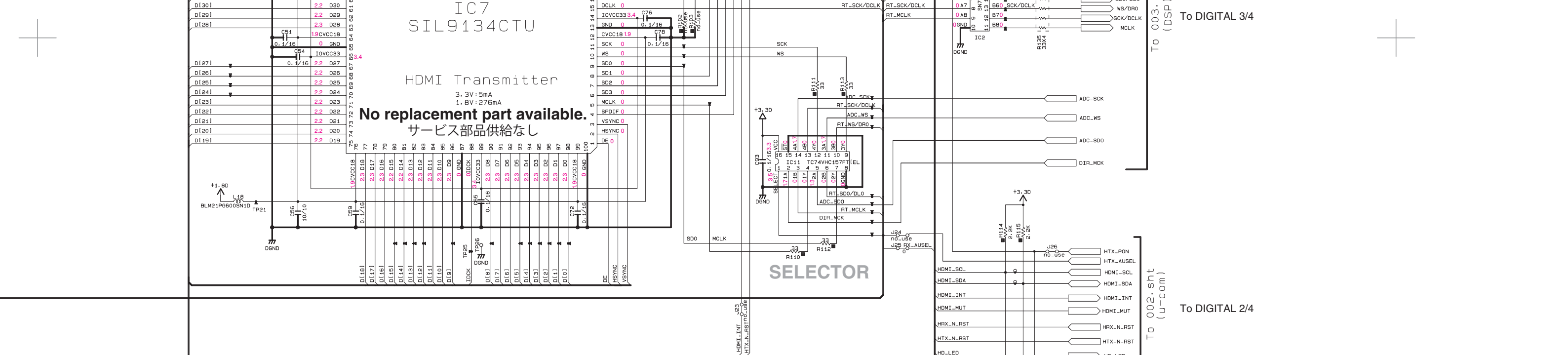
IC6: TC7WHU04FU
Triple inverter



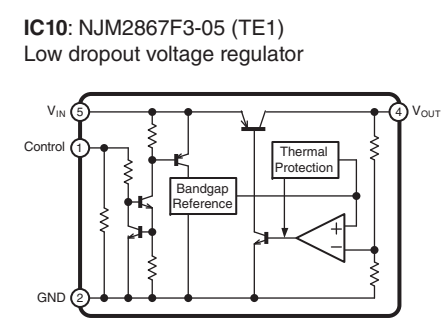
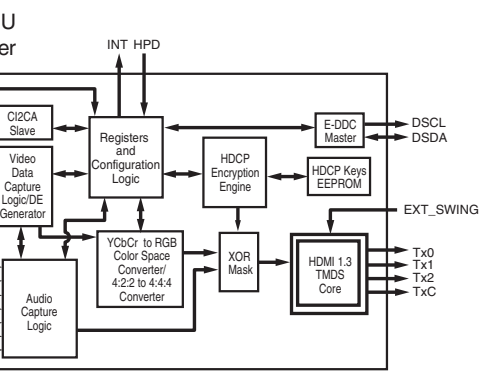
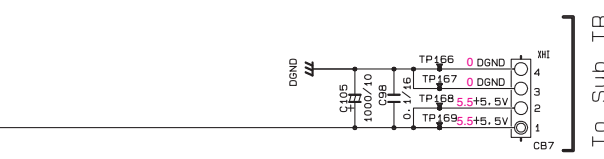
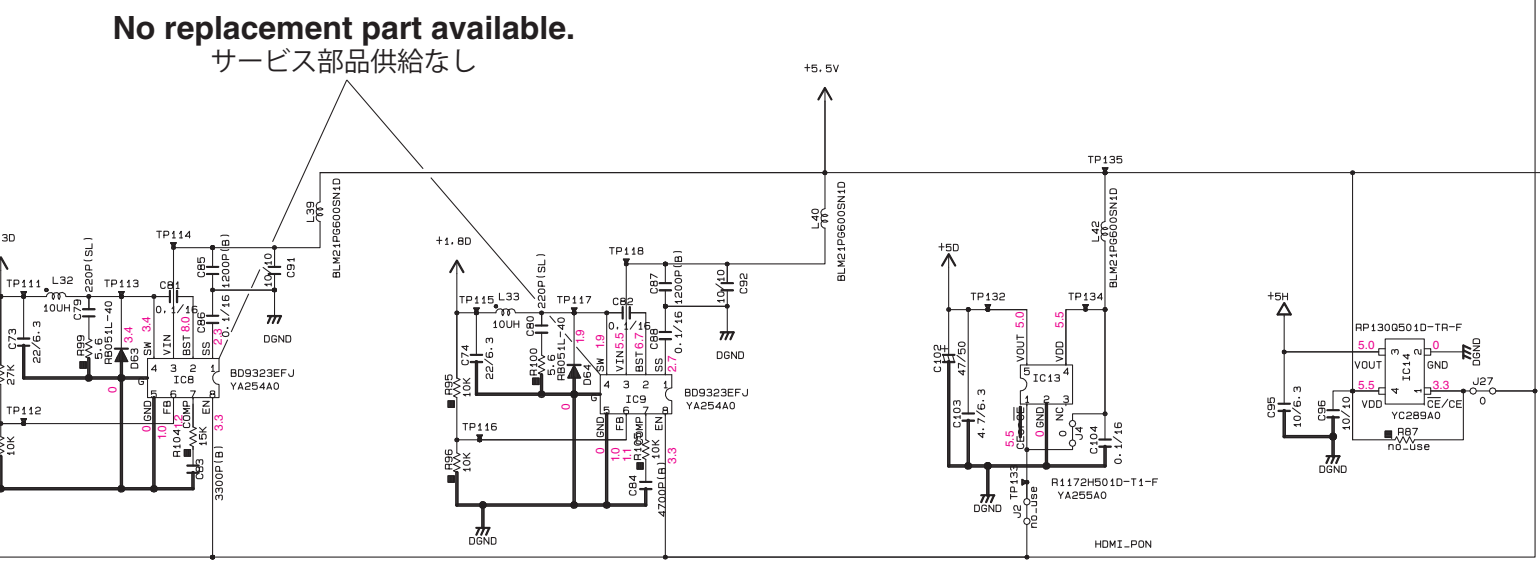
IC7: SiI9134CTU
HDMI transmitter



No

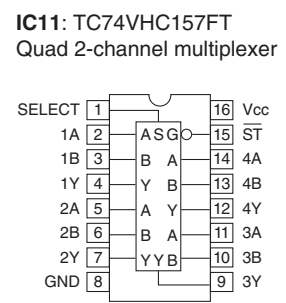


TC74VHC157FT
Vcc: 2.0 - 5.5V
V1H: > 0.7*Vcc
V1L: < 0.3*Vcc
/ST SEL I=0
L L Y=A
L H Y=B
H X HiZ

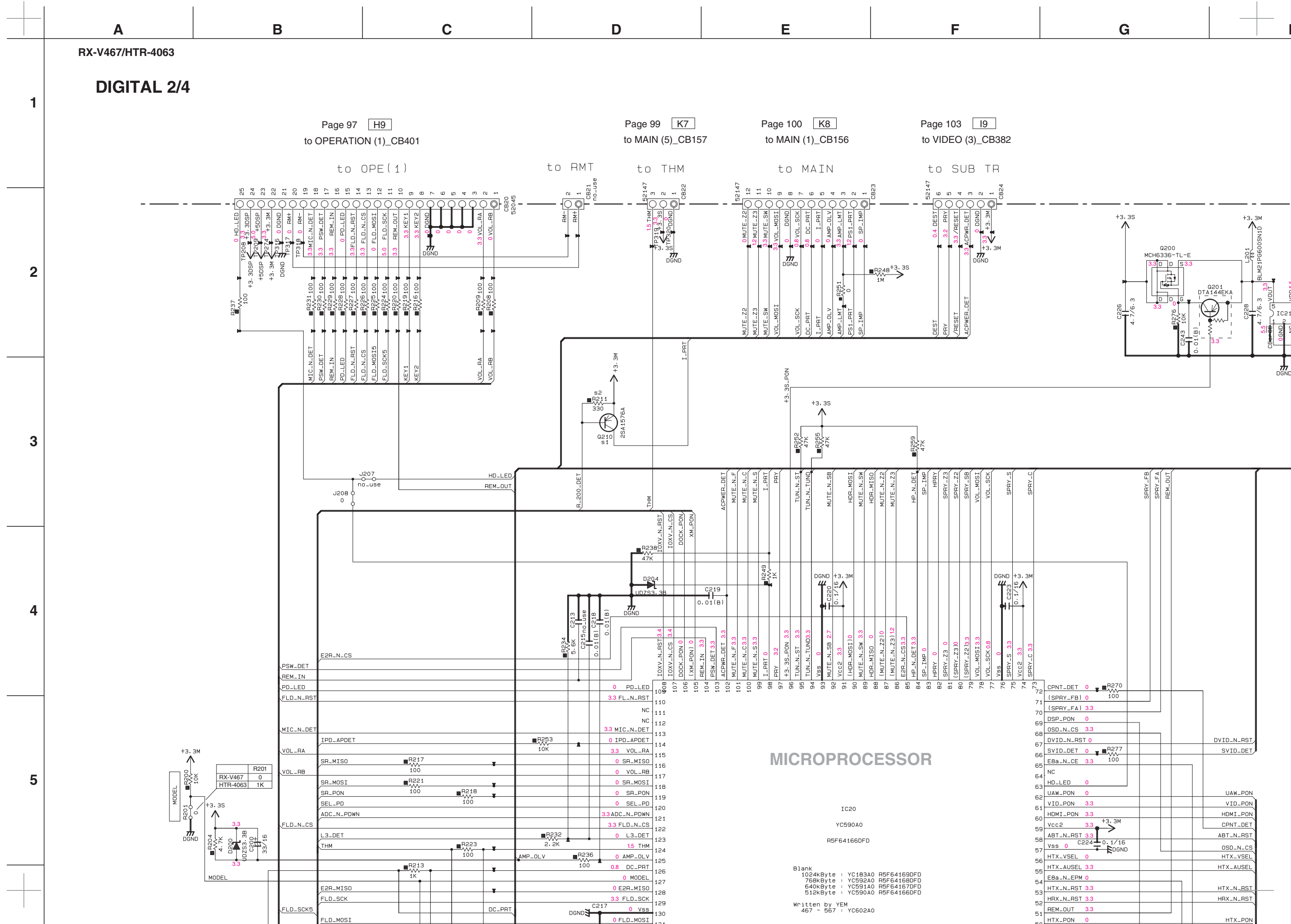


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- ★ Schematic diagram is subject to change without notice.

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- Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。



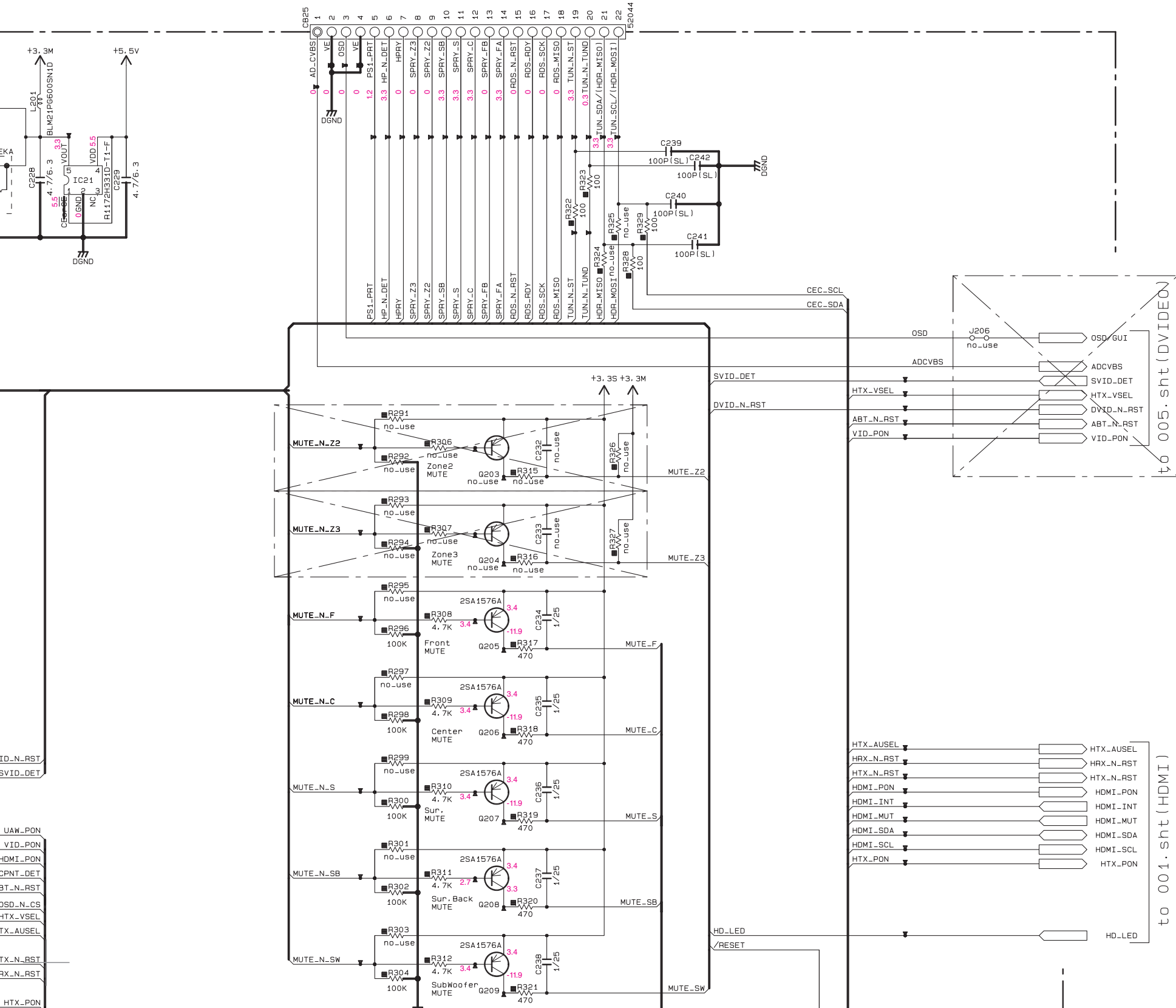
A	B
C	D



A	B
C	D

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to VIDEO (1)_CB349

to VIDEO



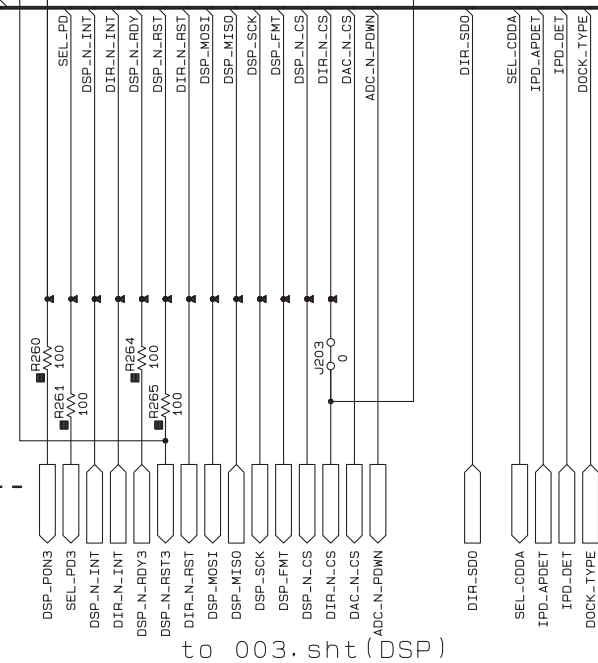
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⏏
NO MARK	TANTALUM CAPACITOR	⊗
NO MARK	CERAMIC CAPACITOR	⊙
⊙	CERAMIC TUBULAR CAPACITOR	⊙
⊙	POLYESTER FILM CAPACITOR	⊙
⊙	POLYSTYRENE FILM CAPACITOR	⊙
⊙	MICA CAPACITOR	⊙
⊙	POLYPROPYLENE FILM CAPACITOR	⊙
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR	⊙
⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR	⊙

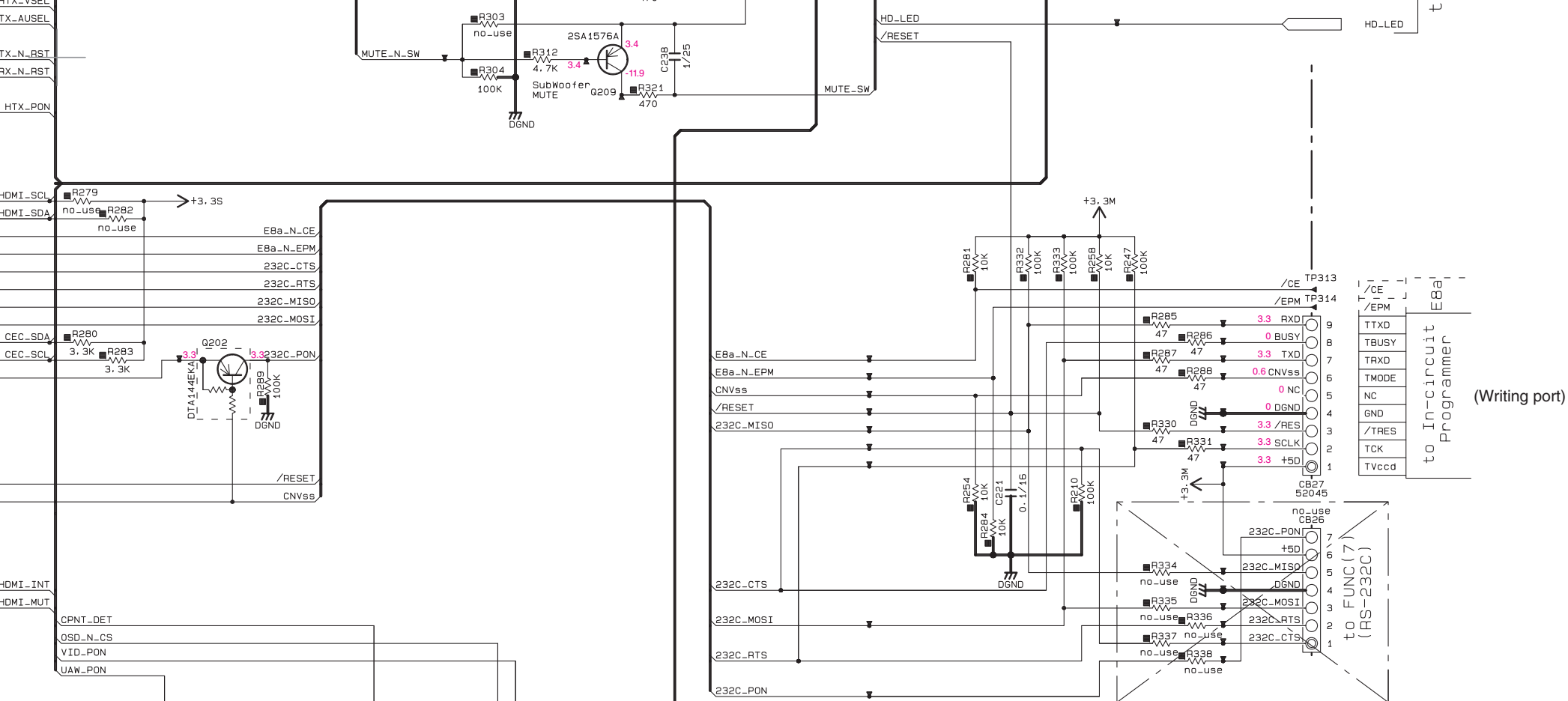
REMARKS	PARTS NAME	
NO MARK	CARBON FILM RESISTOR (P=5)	⊠
⊠	CARBON FILM RESISTOR (P=10)	⊠
⊠	METAL OXIDE FILM RESISTOR	⊠
⊠	METAL FILM RESISTOR	⊠
⊠	METAL PLATE RESISTOR	⊠
⊠	FIRE PROOF CARBON FILM RESISTOR	⊠
⊠	CEMENT MOLDED RESISTOR	⊠
⊠	SEMI VARIABLE RESISTOR	⊠
⊠	CHIP RESISTOR	⊠

NOTICE (model)

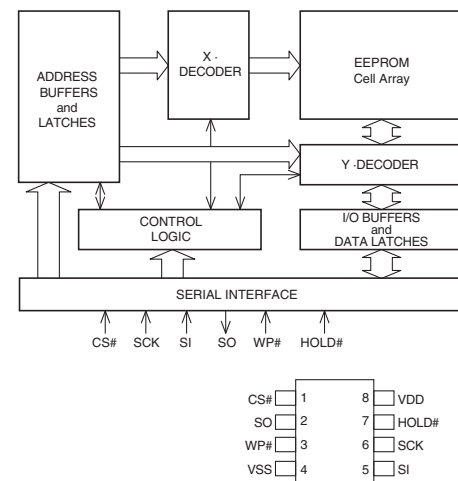
- (J)..... JAPAN
- (U)..... U. S. A
- (C)..... CANADA
- (R)..... GENERAL
- (T)..... CHINA
- (K)..... KOREA
- (A)..... AUSTRALIA
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- (L)..... SINGAPORE
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- (V)..... TAIWAN
- (F)..... RUSSIAN
- (P)..... LATIN AMERICA
- (S)..... BRAZIL

To DIGITAL 1/4

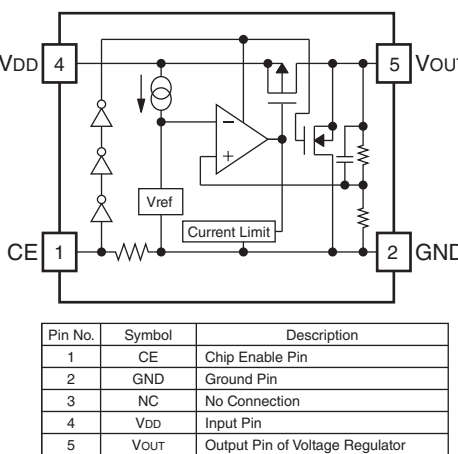




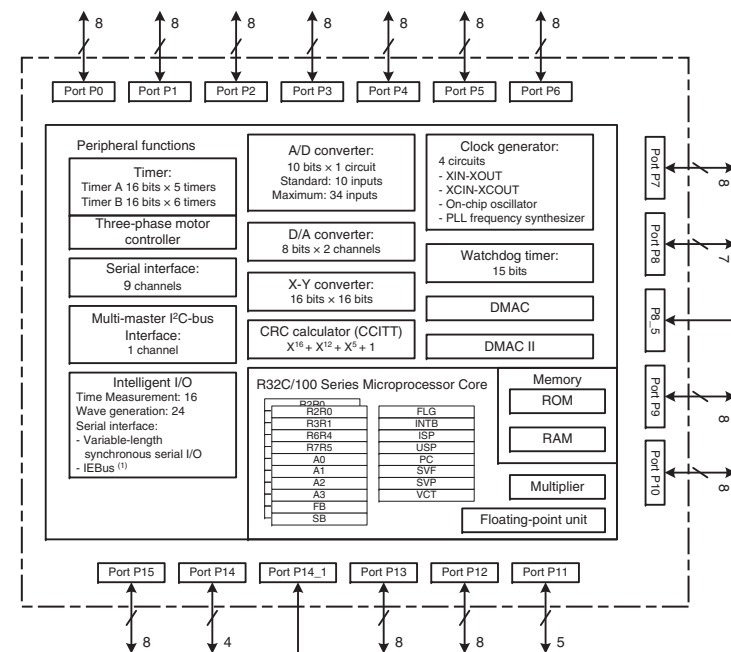
IC22: LE25LA322M-TLM-E
32 k-bit serial SPI EEPROM



IC21: R1172H331D-T1-F
Voltage regulator



IC20: R5F64166DFD
Single chip 32-bit microprocessor



Note: 1. IEBus is a trademark of NEC Electronics Corporation.

To DIGITAL 4/4

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A	B
C	D

DIGITAL 3/4

DOCK

No replacement part available.
サービス部品供給なし

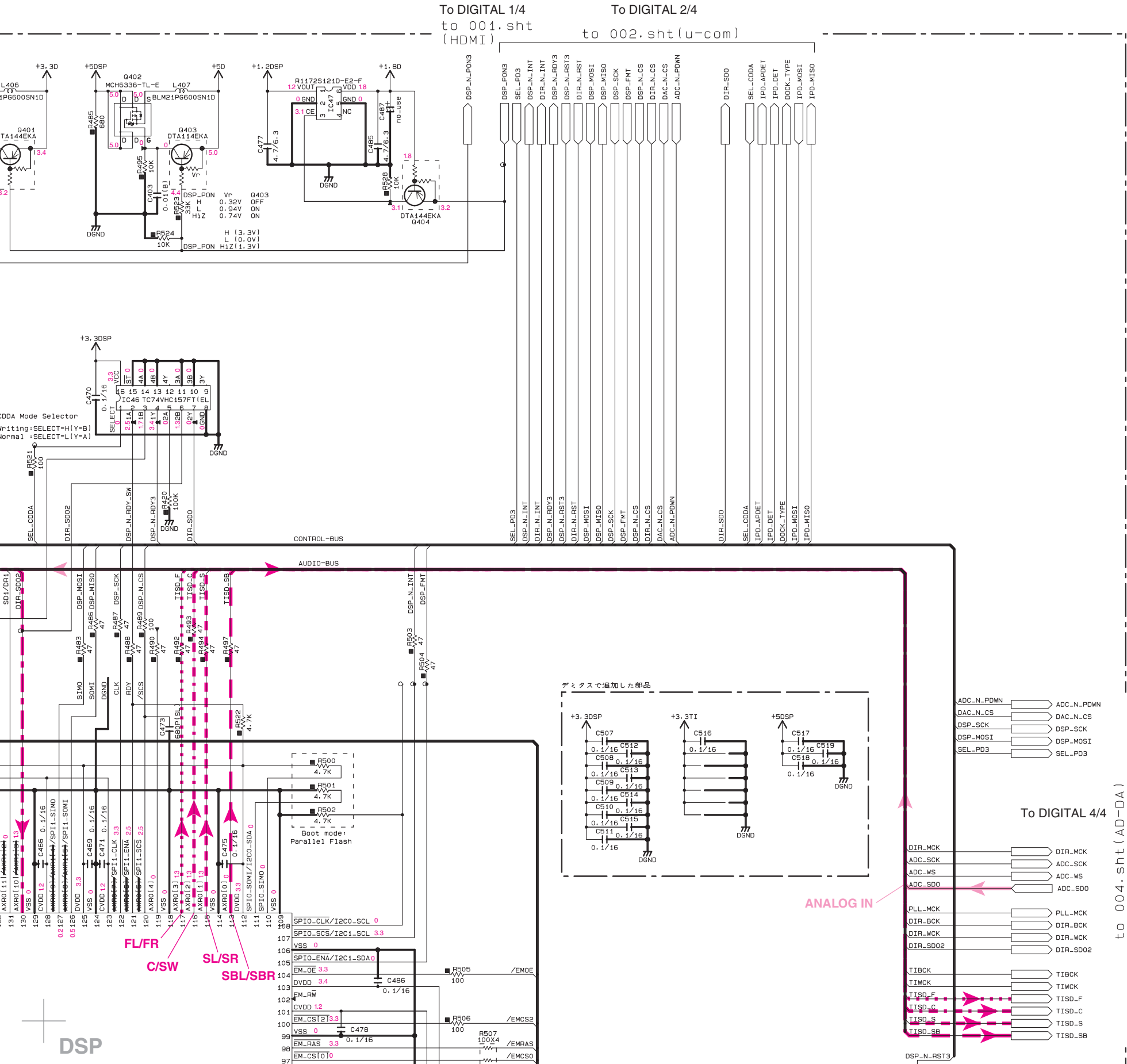
To DIGITAL 4/4
to 004.sht (AD-DA)

To DIGITAL 2/4
to 002.sht u-COM

To DIGITAL 4/4
to 004.sht (AD-DA)

CDDA Mode Selector
Writing: SELECT=H(Y=B)
Normal: SELECT=L(Y=A)

A	B
C	D

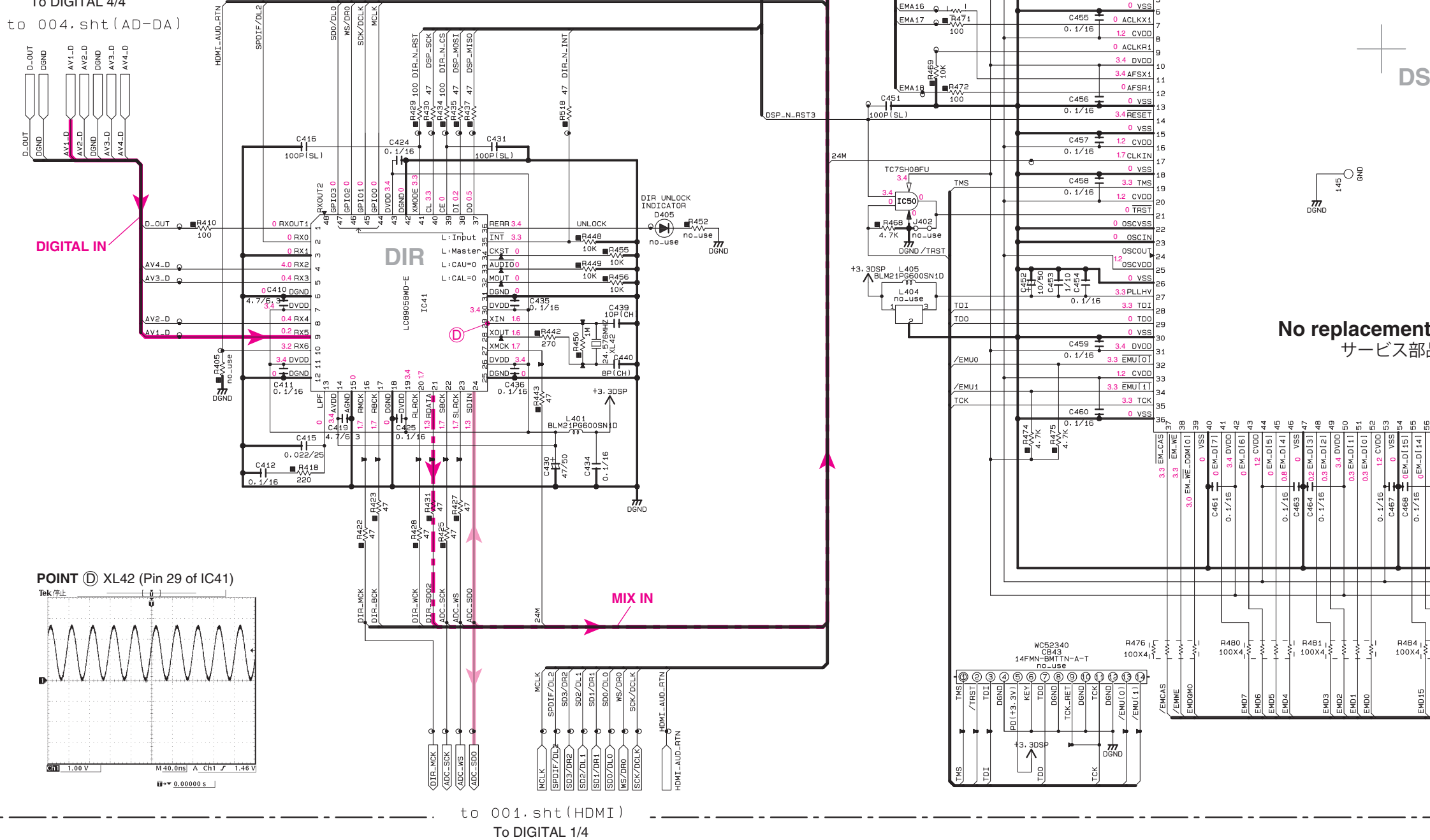


REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	≡
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	
⦿	CERAMIC TUBULAR CAPACITOR	
⊙	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	
⦿	SEMICONDUCTIVE CERAMIC CAPACITOR	
Ⓢ	POLYPHENYLENE SULFIDE FILM CAPACITOR	

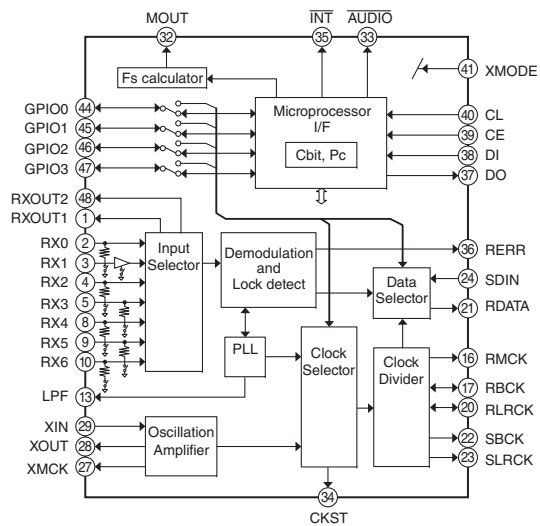
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
⊠	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊞	METAL PLATE RESISTOR
⊞	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

NOTICE (model)

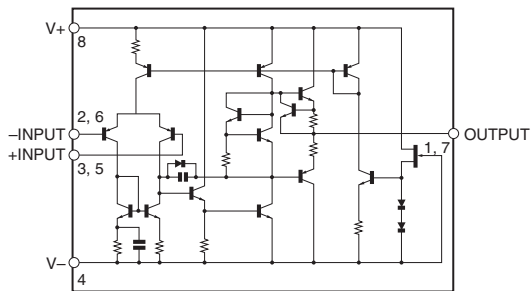
- (J)..... JAPAN
- (U)..... U.S.A
- (C)..... CANADA
- (R)..... GENERAL
- (T)..... CHINA
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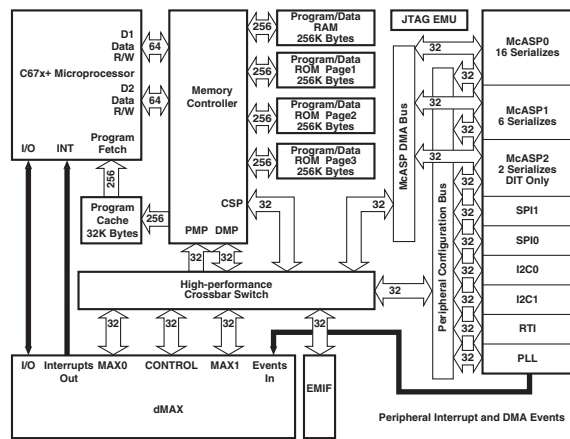
IC41: LC89058WD-E
Digital audio interface receiver



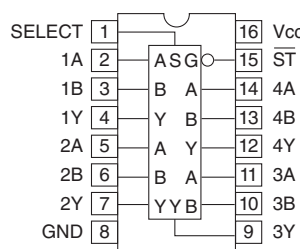
IC43: NJM4555M (TE1)
Dual operational amplifier



IC44: D70YE101BRFP266
Floating-point digital signal processors



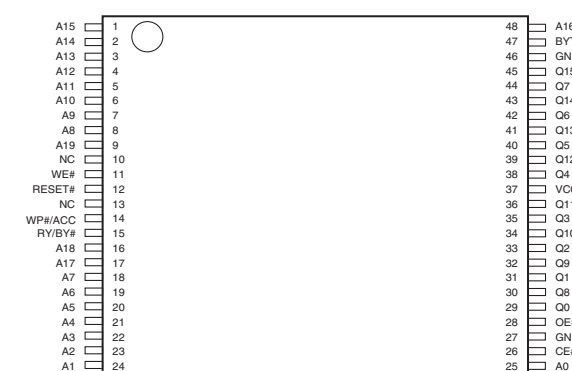
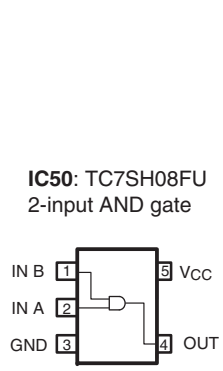
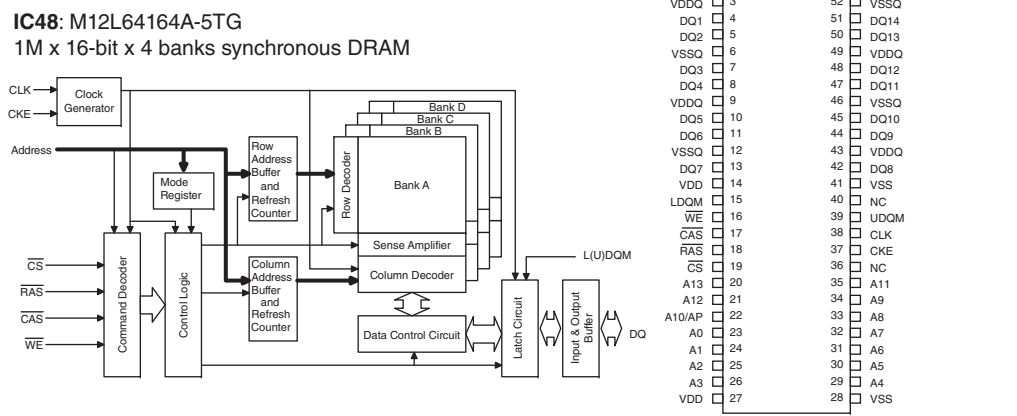
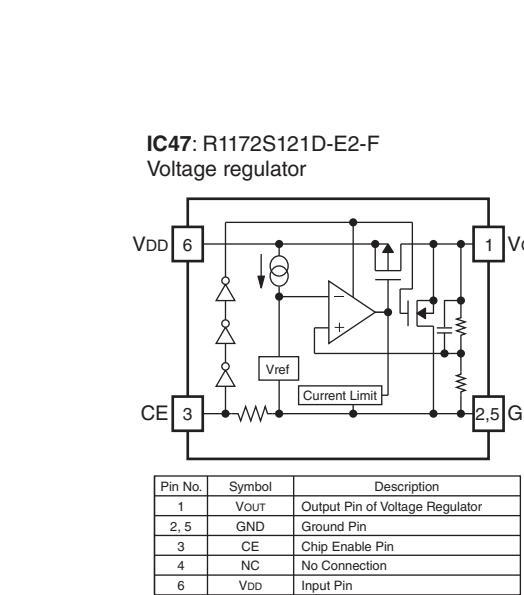
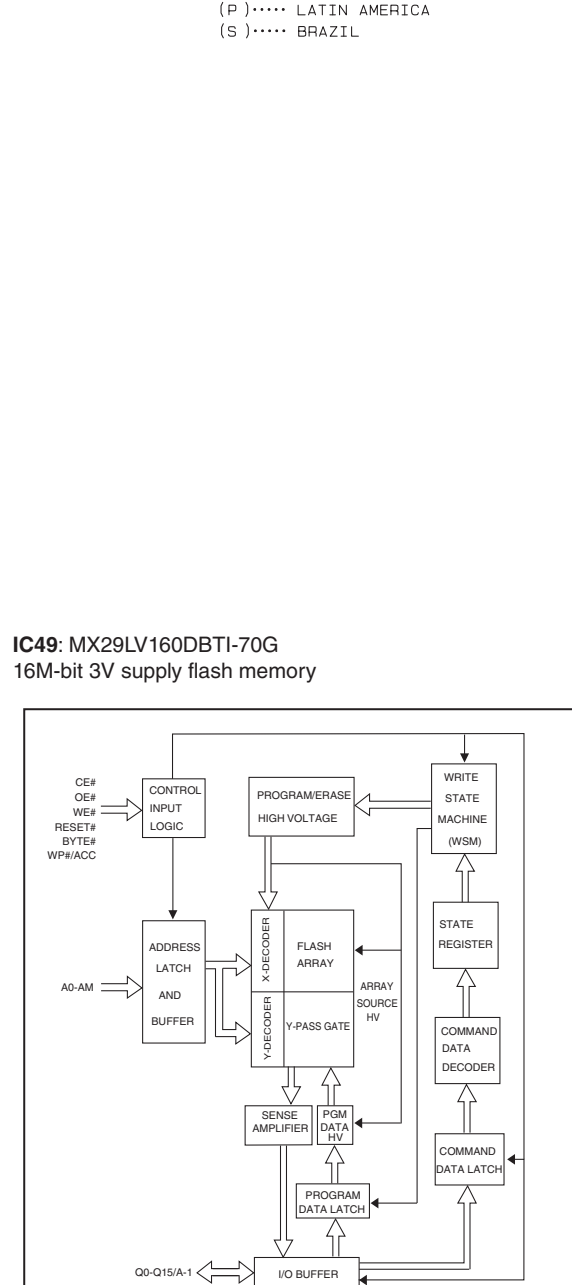
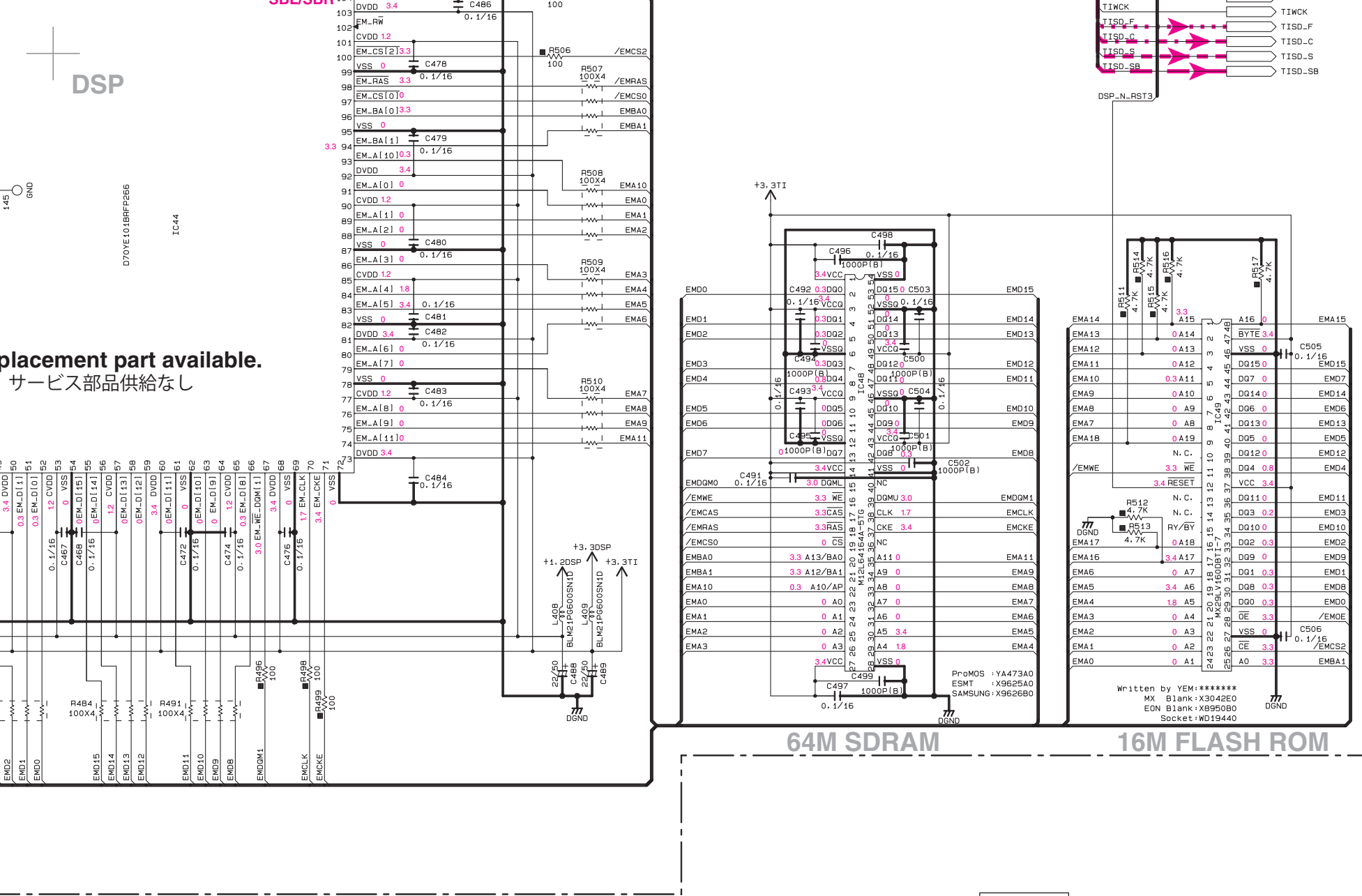
IC46: TC74VHC157FT
Quad 2-channel multiplexer



RX-V467/HTR-4063

A	B
C	D

DIGITAL 3/4



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A	B
C	D

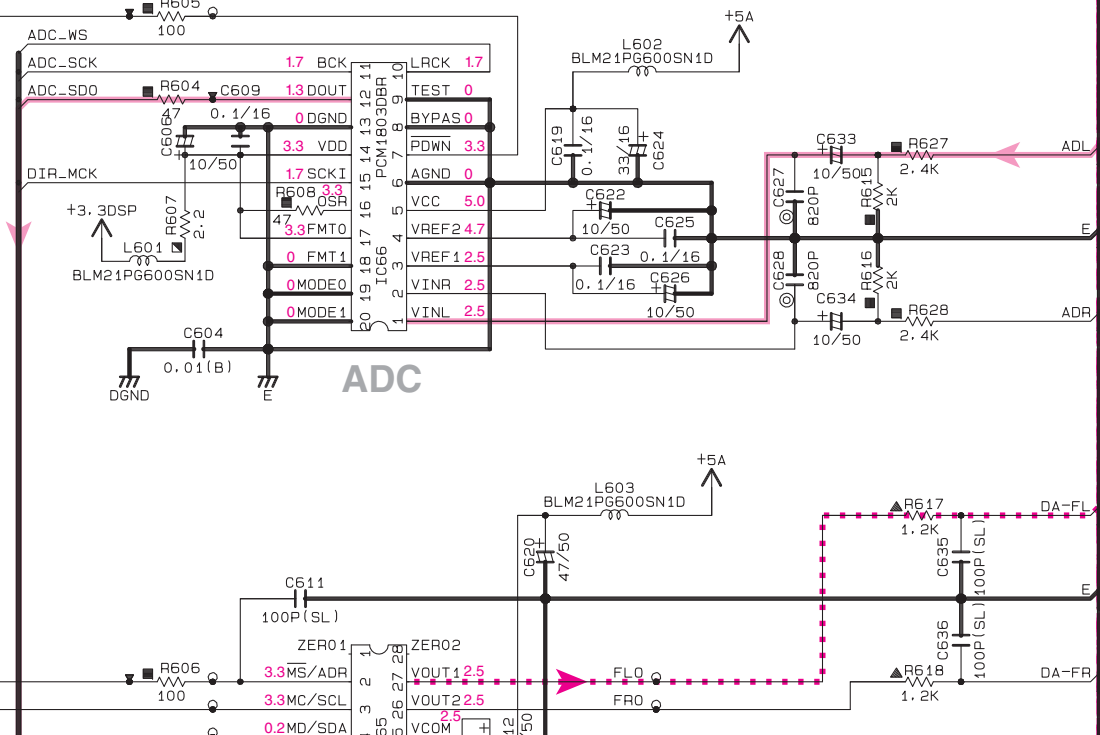
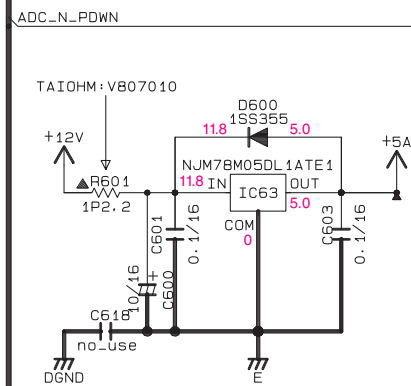
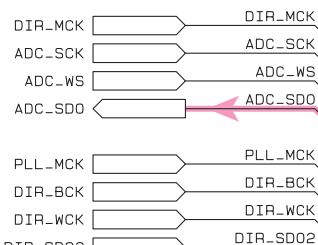
DIGITAL 4/4

2

3

4

5



To DIGITAL 3/4

TO DIGITAL 2/4

to 003.sht(DSP)

02.sht(U

ANALOG IN

FRONT L \

CENTER \

SUBWOOFER
SURROUND L

SURROUND BACK L

TO DIGITAL 3/4

[illegible]



Destination Part List			
sXX	LOC	JUCTKABGLEF	RS
s1	Q210	X	VR93630 2SA1576A
s2	R211	X	RD35553 330

Page 98 G3
to OPERATION (2)_CB455

Page 98 I3
to OPERATION (2)_CB458[illegible]

A	B
C	D

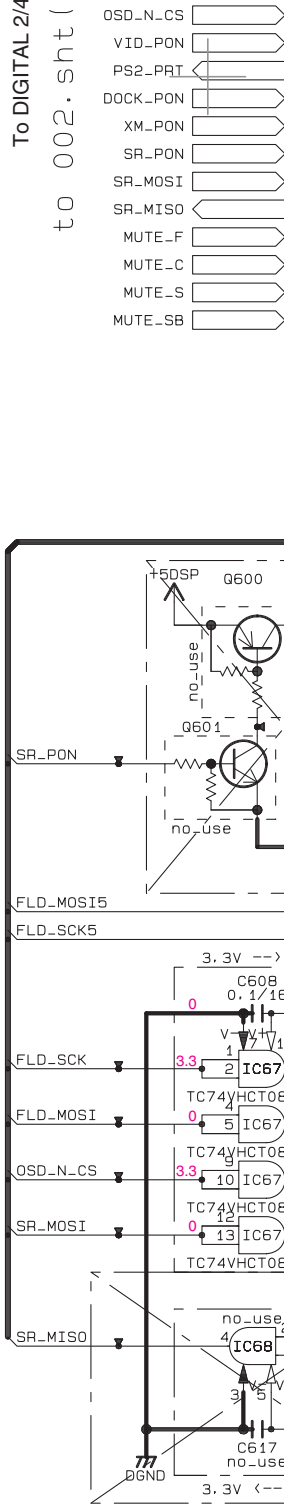
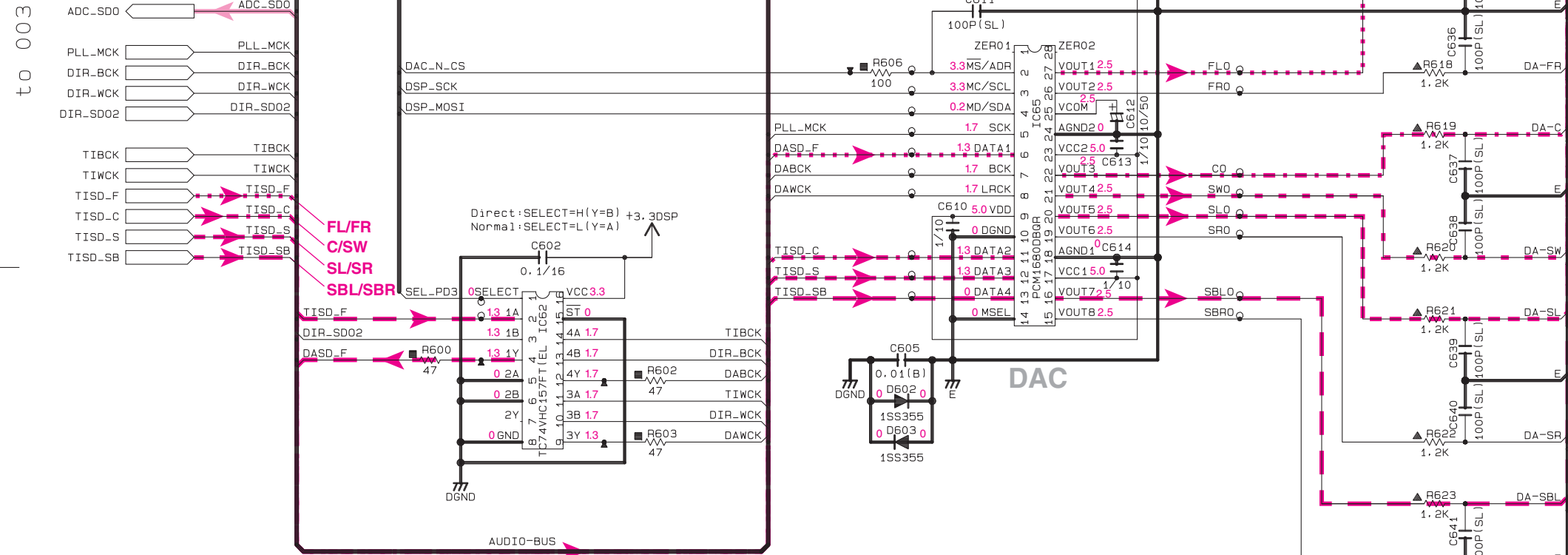
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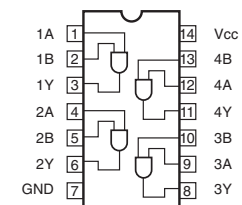
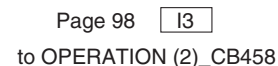
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NO MARK	CERAMIC CAPACITOR	+
●	CERAMIC TUBULAR CAPACITOR	+
◎	POLYESTER FILM CAPACITOR	+
○	POLYSTYRENE FILM CAPACITOR	+
①	MICA CAPACITOR	+
Ⓟ	POLYPROPYLENE FILM CAPACITOR	+
Ⓢ	SEMICONDUCTIVE CERAMIC CAPACITOR	+
Ⓢ	POLYPHENYLENE SULFIDE FILM CAPACITOR	+

REMARKS	PARTS NAME
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▲	METAL FILM RESISTOR
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▨	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

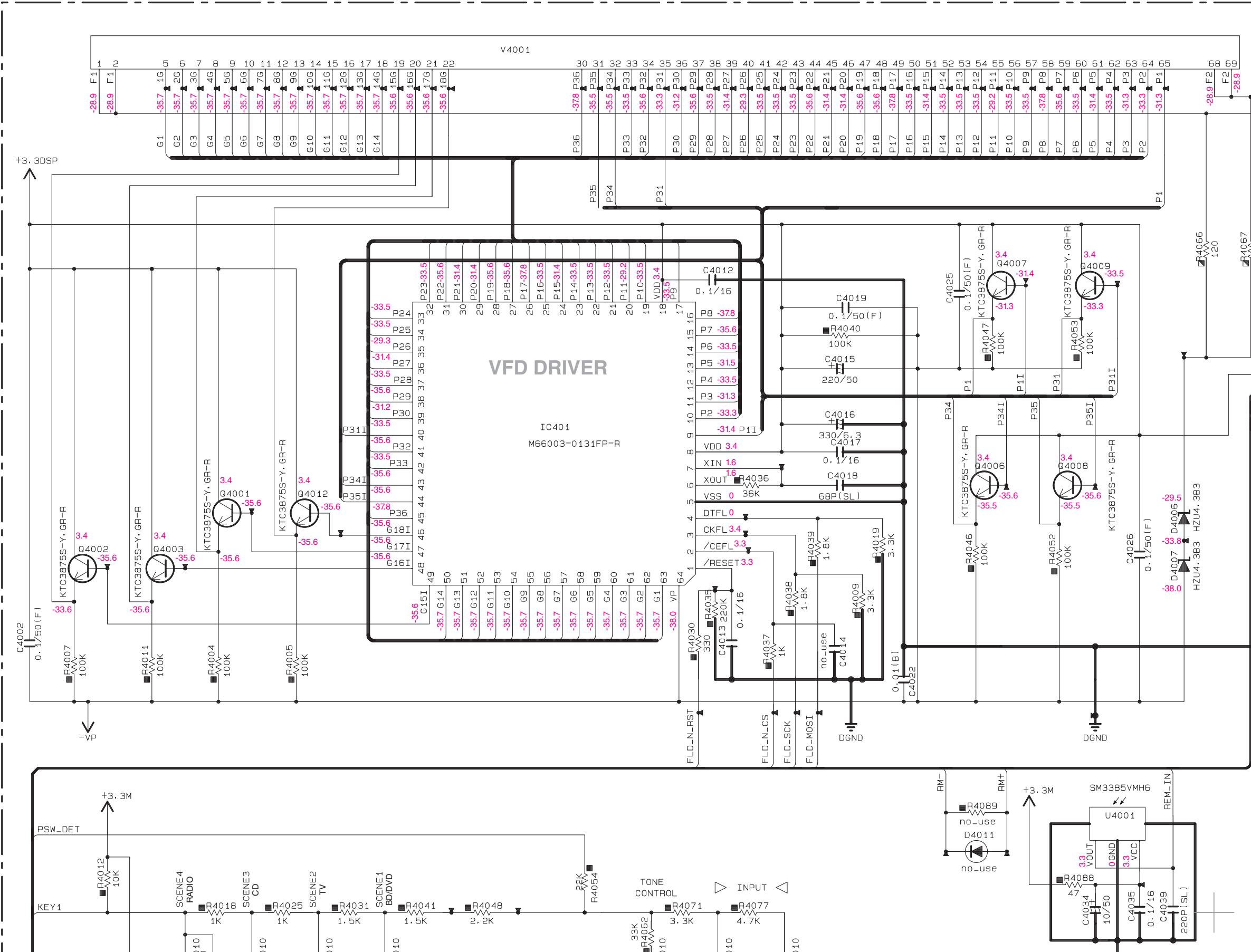
NOTICE (model)
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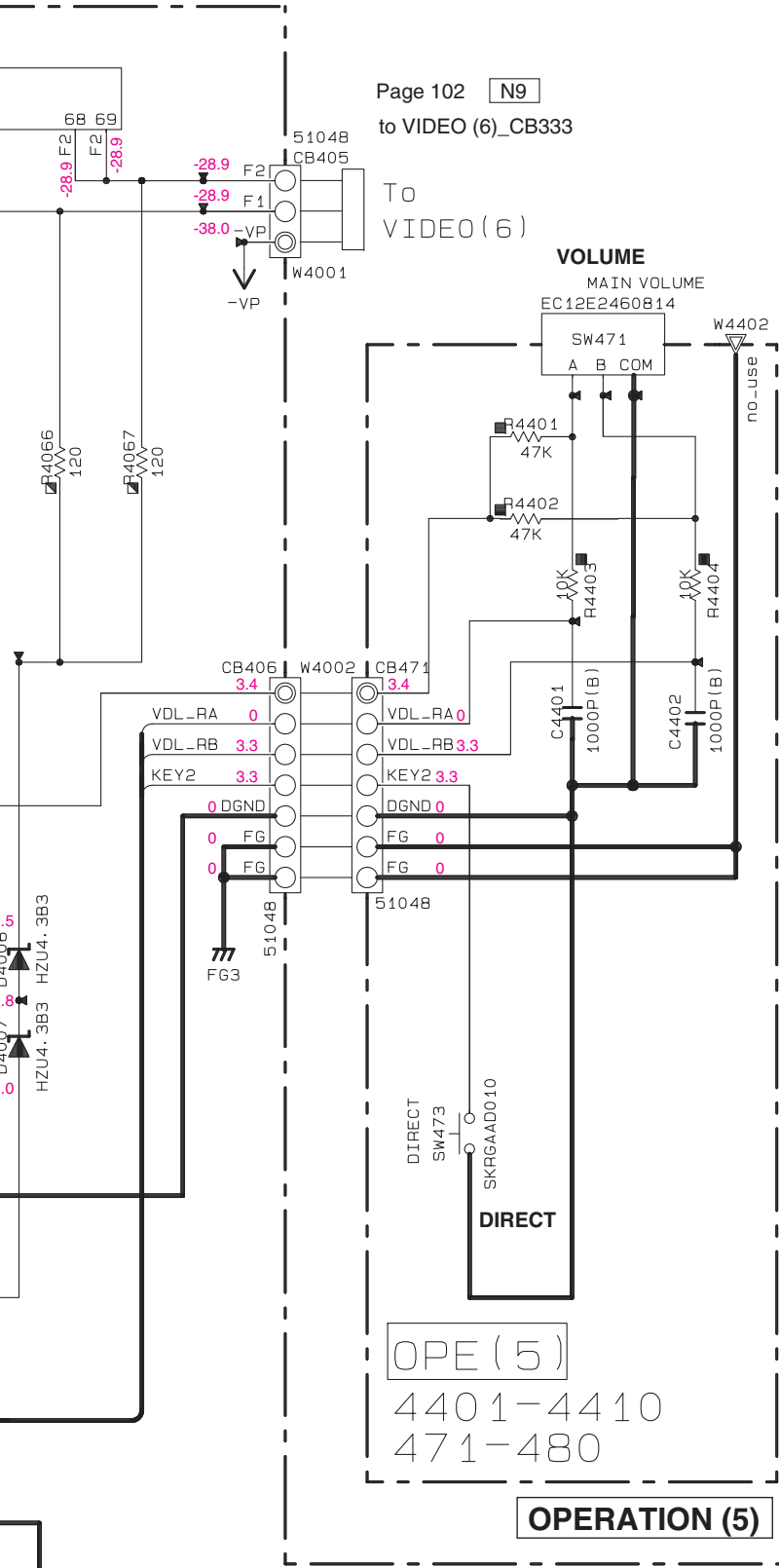


A	B
C	D

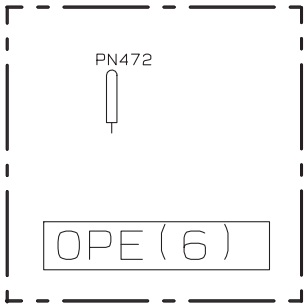
OPERATION 1/2



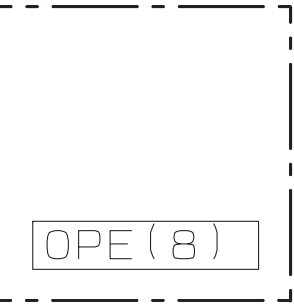
A	B
C	D



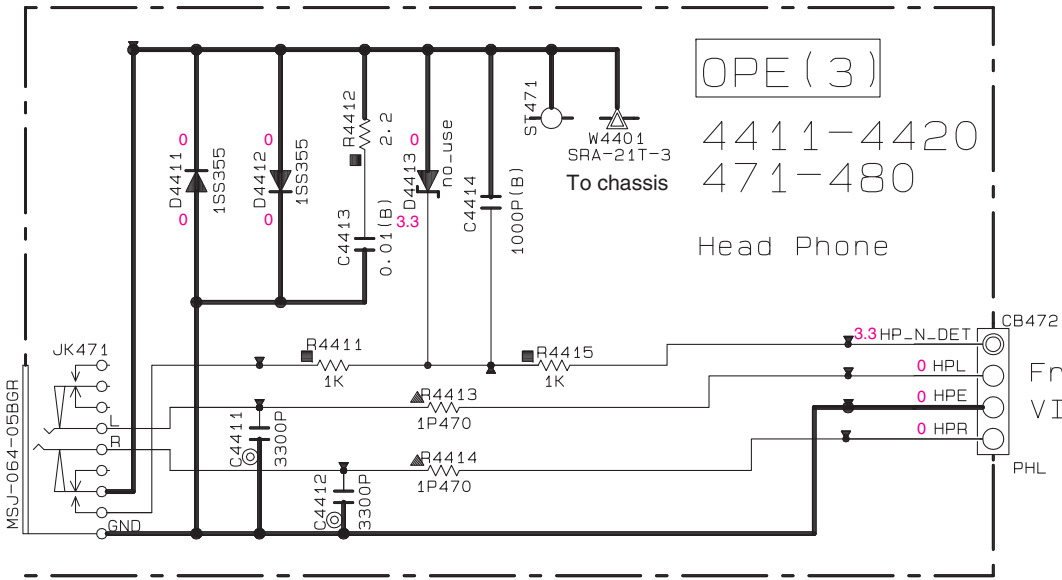
OPERATION (6)



OPERATION (8)



OPERATION (3)



OPERATION (1)

OPE (1)

4001-4100
401-450

CAPACITOR

REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	≡
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	
●	CERAMIC TUBULAR CAPACITOR	
⊙	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	⊢⊢
⊖	MICA CAPACITOR	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	
⊖	SEMICONDUCTIVE CERAMIC CAPACITOR	
Ⓢ	POLYPHENYLENE SULFIDE FILM CAPACITOR	

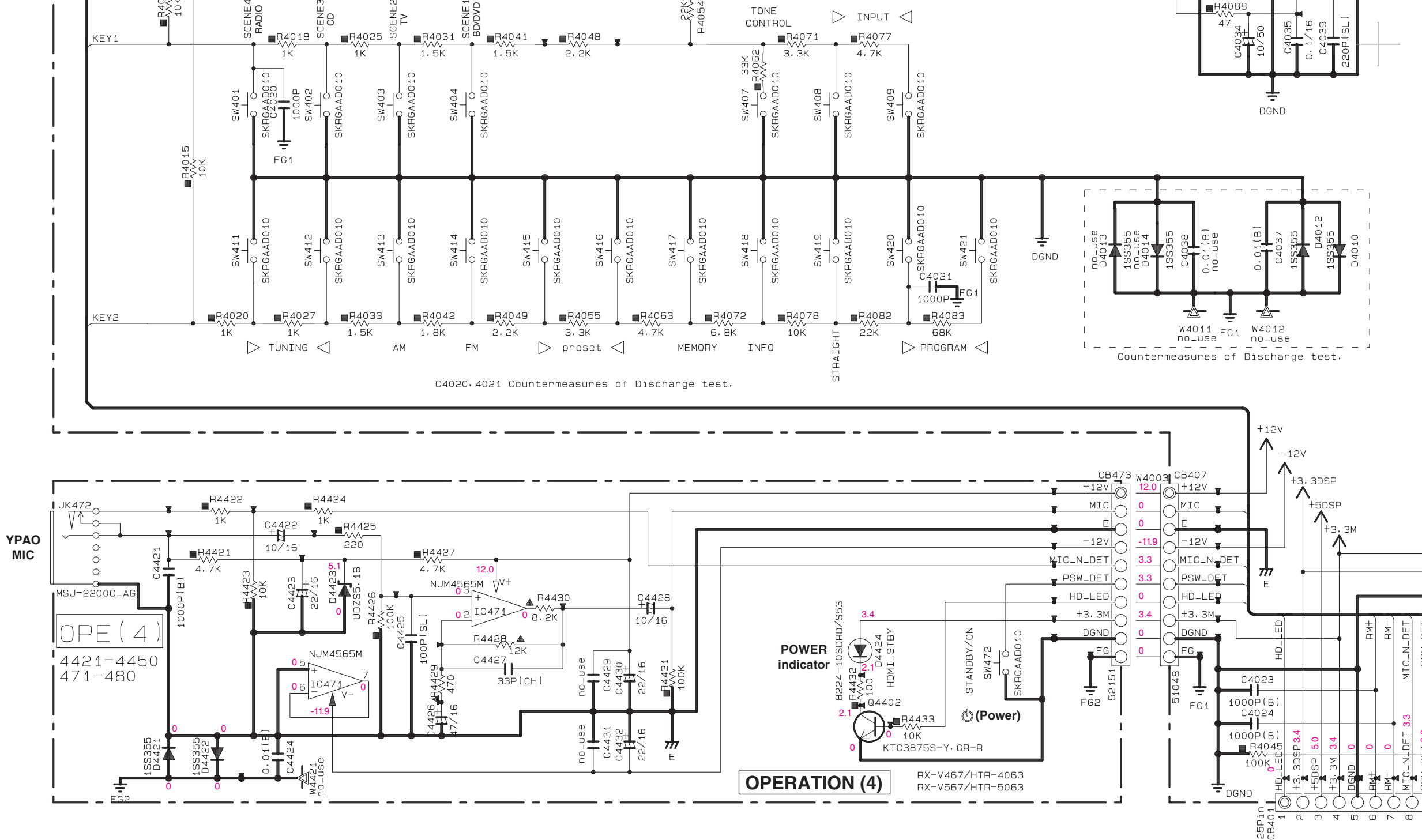
RESISTOR

REMARKS	PARTS NAME	
NO MARK	CARBON FILM RESISTOR (P=5)	
⊠	CARBON FILM RESISTOR (P=10)	
△	METAL OXIDE FILM RESISTOR	
▲	METAL FILM RESISTOR	
⊠	METAL PLATE RESISTOR	
⊠	FIRE PROOF CARBON FILM RESISTOR	
□	CEMENT MOLDED RESISTOR	
⊗	SEMI VARIABLE RESISTOR	
■	CHIP RESISTOR	

NOTICE (model)

(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL

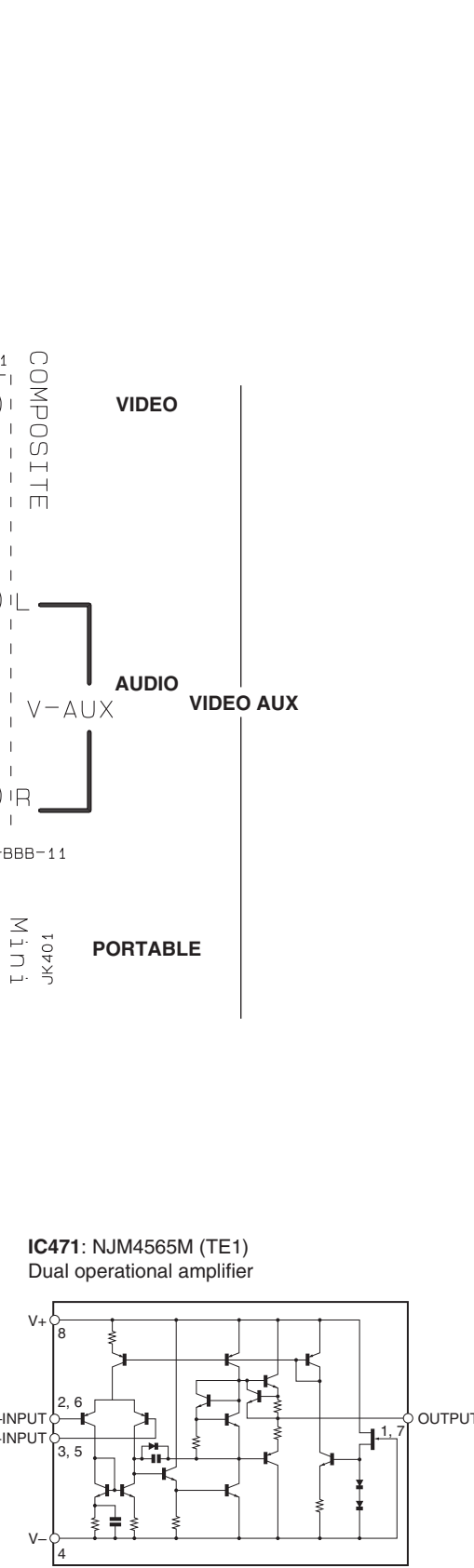
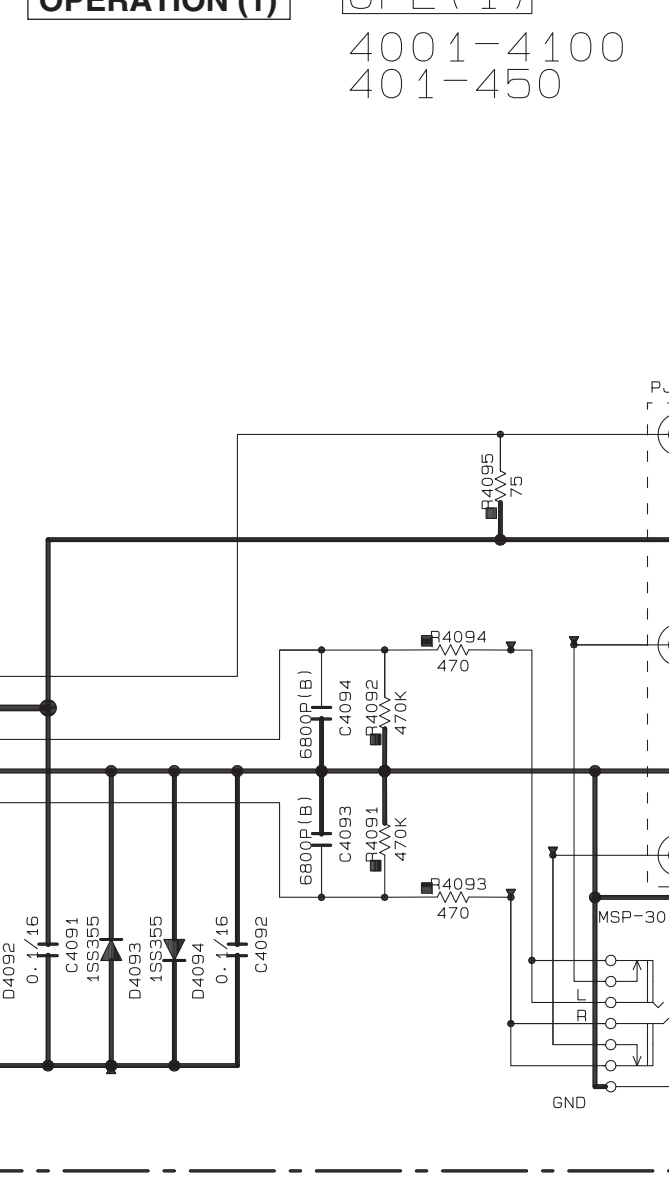
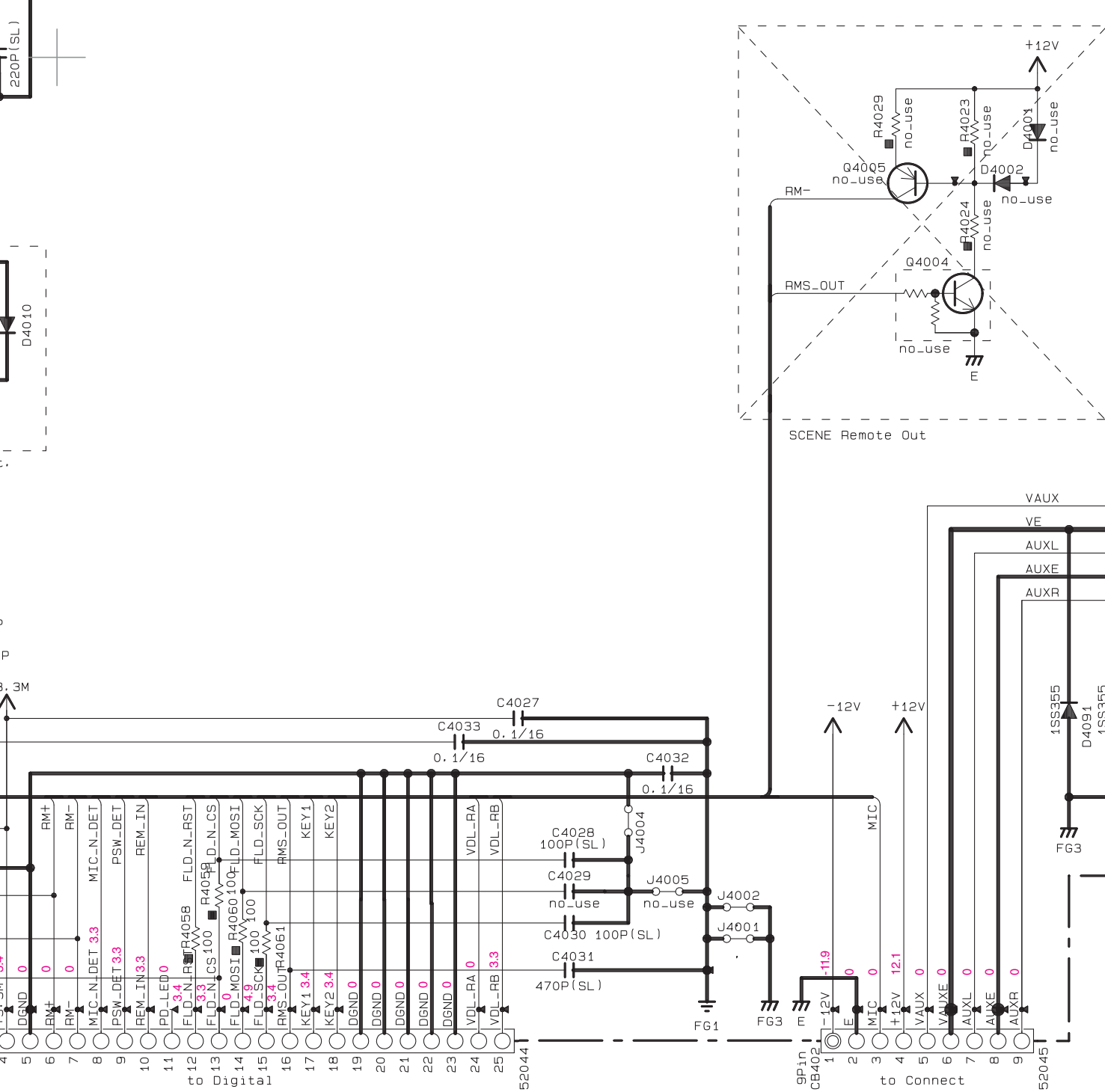
A	B
C	D



Key detection for A/D port
Key input (A/D) pull-up resistance 10 k-ohms

Ohm	0	+ 1.0 k	+ 1.0 k	+ 1.5 k	+ 1.5 k	+ 2.2 k	+ 3.3 k	+ 4.7 k	22.0 k	33.0 k
V	0 – 0.15	0.15 – 0.42	0.43 – 0.70	0.71 – 0.97	0.98 – 1.24	1.25 – 1.53	1.54 – 1.84	1.85 – 2.22	2.23 – 2.62	2.63 – 3.04
A/D value (3.3 V=255)	0 – 11	12 – 32	33 – 54	55 – 75	76 – 96	97 – 119	120 – 142	143 – 163	182 – 197	198 – 209
KEY1 (133 pin)	RADIO (SCENE4)	CD (SCENE3)	TV (SCENE2)	BD/DVD (SCENE1)	–	–	INPUT >	INPUT <	⏻ (Power)	TONE CONTROL

Ohm	0	+ 1.0 k	+ 1.0 k	+ 1.5 k	+ 1.8 k	+ 2.2 k	+ 3.3 k	+ 4.7 k	+ 6.8 k	+ 10.0 k	+ 22.0 k	+ 68.0 k
V	0 – 0.15	0.16 – 0.42	0.43-0.70	0.71 – 0.99	1.00 – 1.27	1.28 – 1.56	1.57 – 1.86	1.87 – 2.14	2.15 – 2.39	2.40 – 2.65	2.66 – 2.91	2.92 – 3.17
A/D value (3.3 V=255)	0 – 11	12 – 32	33 – 54	55 – 77	78 – 99	100 – 121	122 – 144	145 – 166	167 – 186	187 – 205	206 – 226	227 – 246
KEY2 (134 pin)	–	TUNING >>	TUNING <<	AM	FM	PRESET >	PRESET <	MEMORY	INFO	STRAIGHT	PROGRAM >	PROGRAM <



Page 94 **B2**
to DIGITAL_CB20

Page 98 **M6**
to OPERATION (2)_CB461

- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

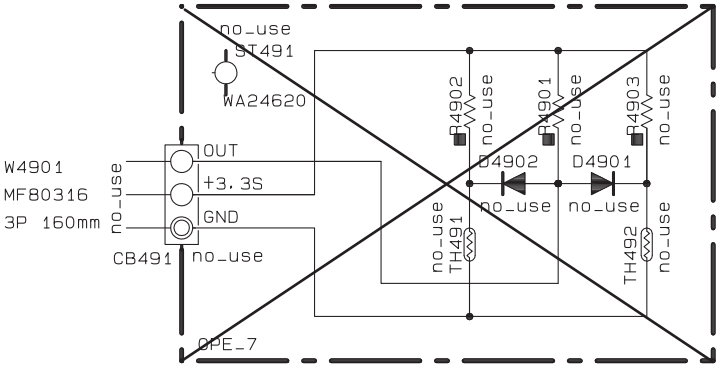
- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
- Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。

A	B
C	D

A	B
C	D

RX-V467/HTR-4063

OPERATION 2/2

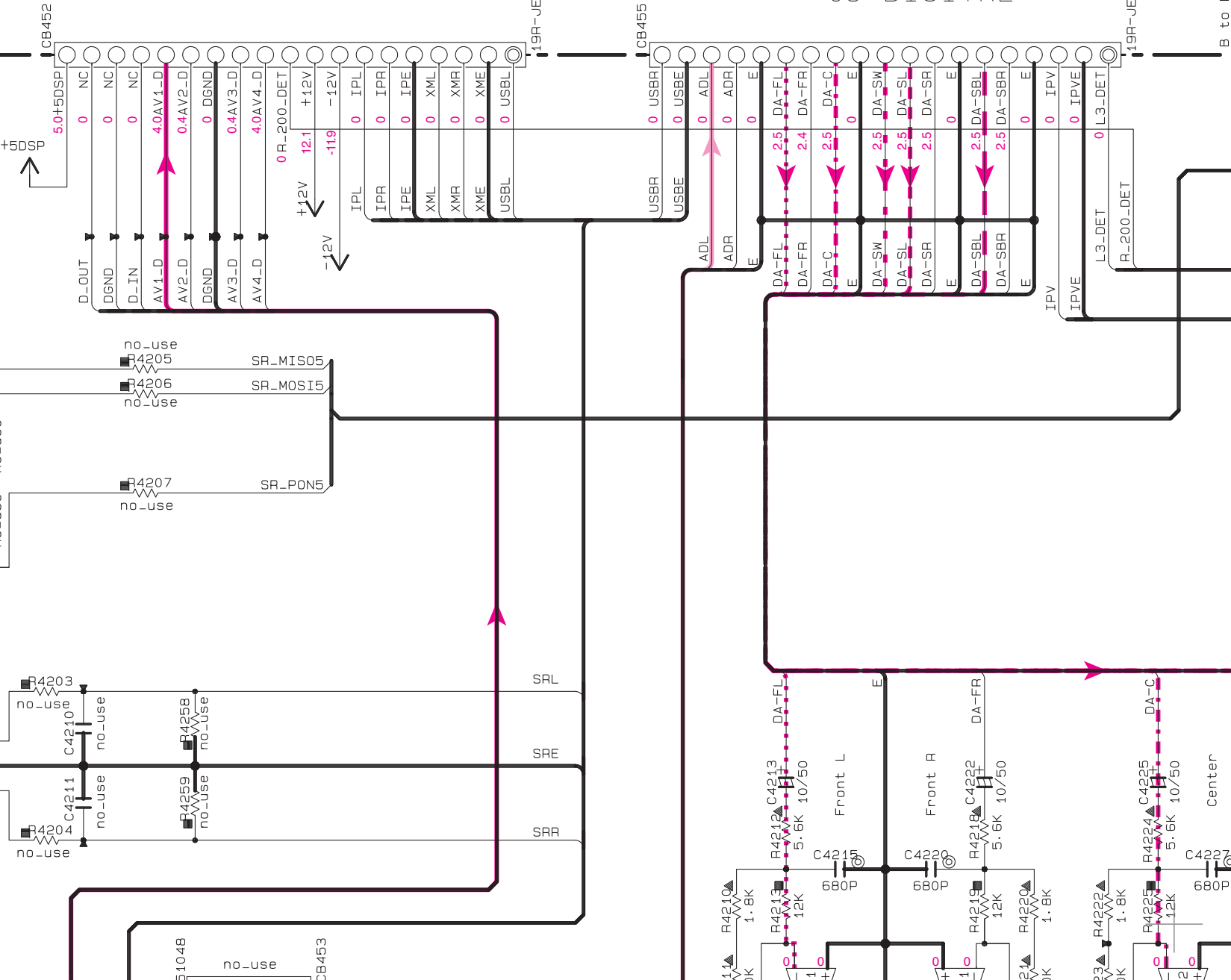
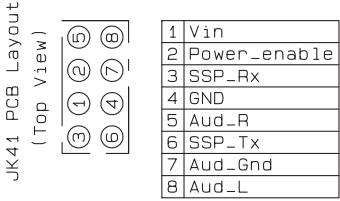


Page 96 I2
to DIGITAL_CB61

Page 96 I4
to DIGITAL_CB62

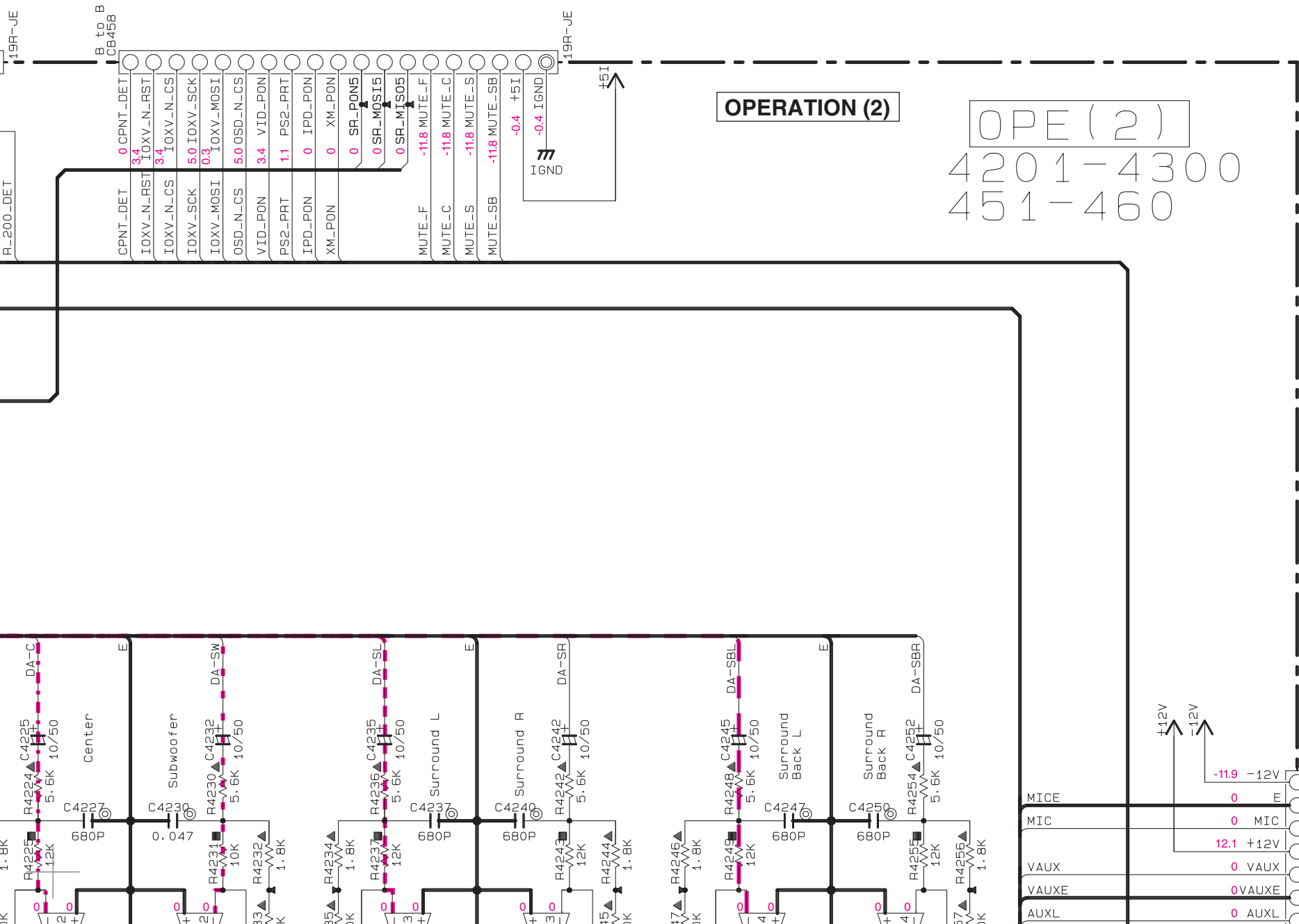
to DIGITAL

JK451 SIRIUS



A	B
C	D

Page 96 I6
to DIGITAL_CB63



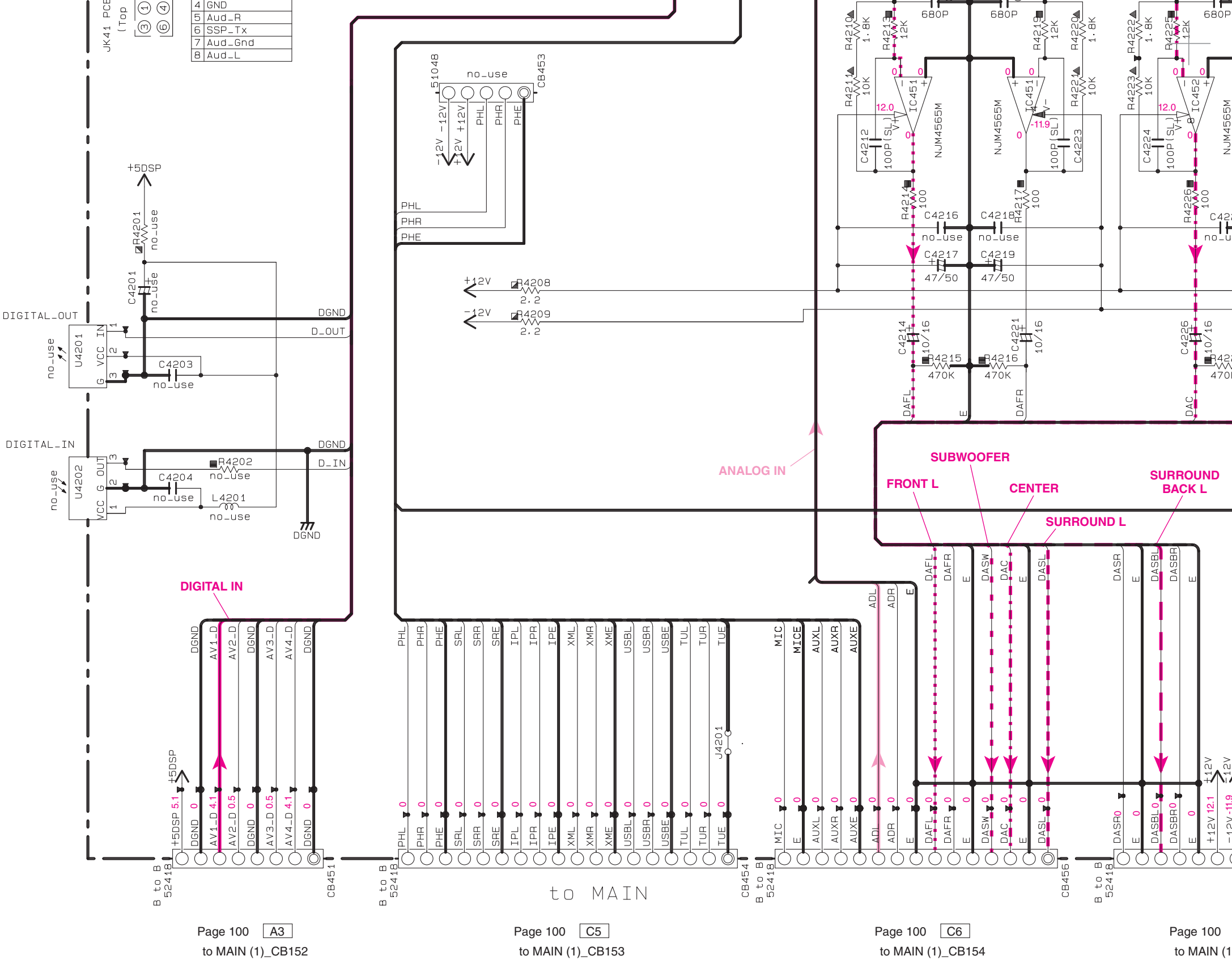
CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⌘
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	⌘
●	CERAMIC TUBULAR CAPACITOR	
◎	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
⊖	MICA CAPACITOR	
⊕	POLYPROPYLENE FILM CAPACITOR	
⊗	SEMICONDUCTIVE CERAMIC CAPACITOR	
⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR	

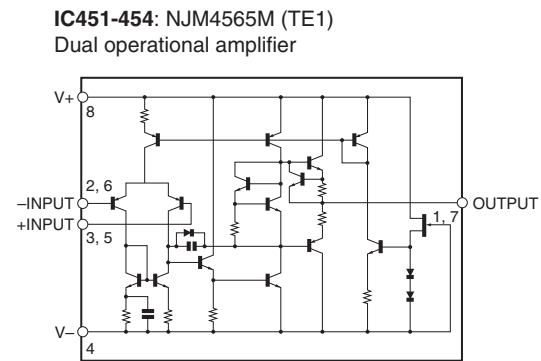
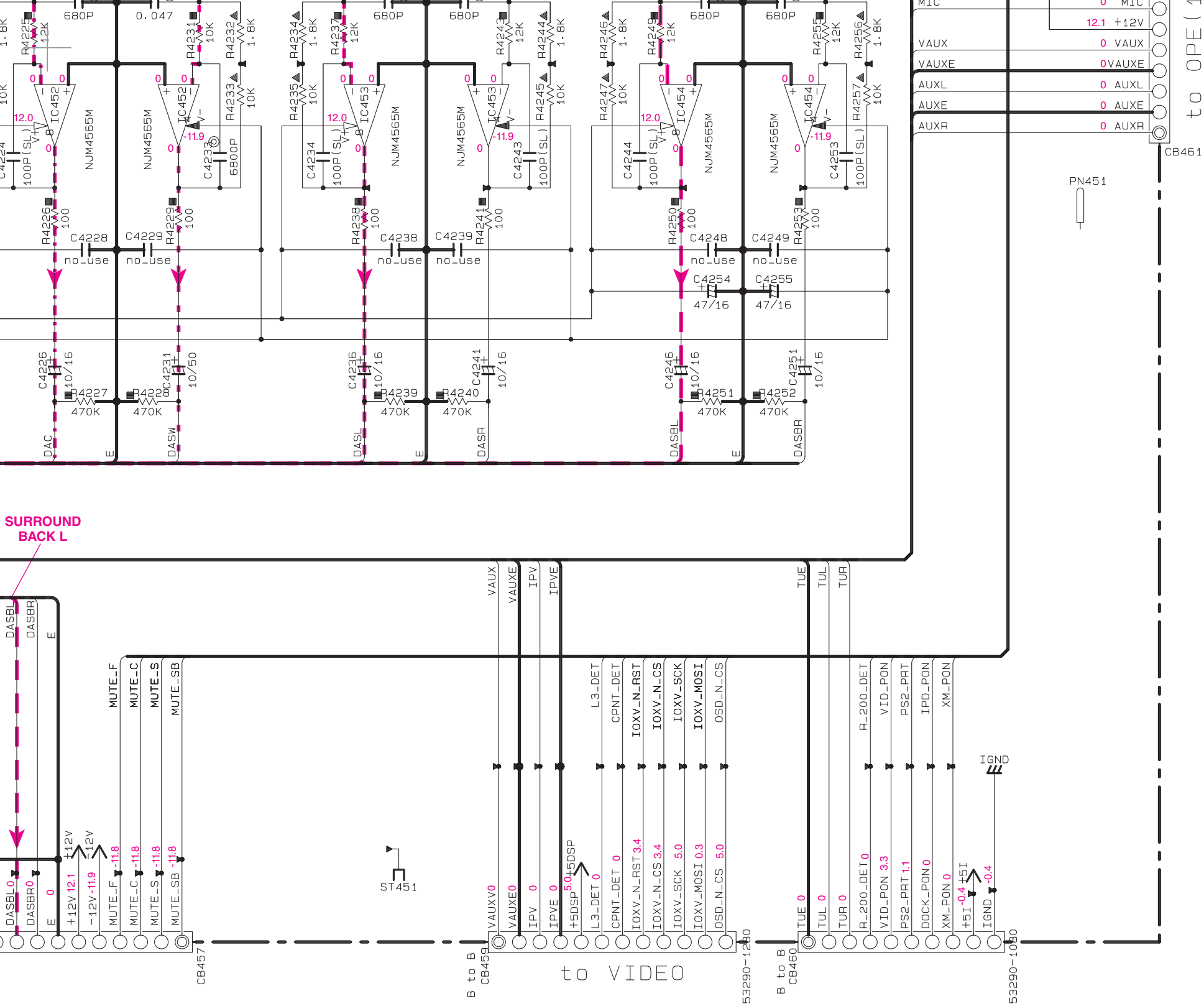
RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
⊠	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊠	METAL PLATE RESISTOR
▨	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL

- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
 - ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
 - ★ Schematic diagram is subject to change without notice.

- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
 - Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
 - 本回路図は標準回路図です。改良のため予告なく変更することがあります。

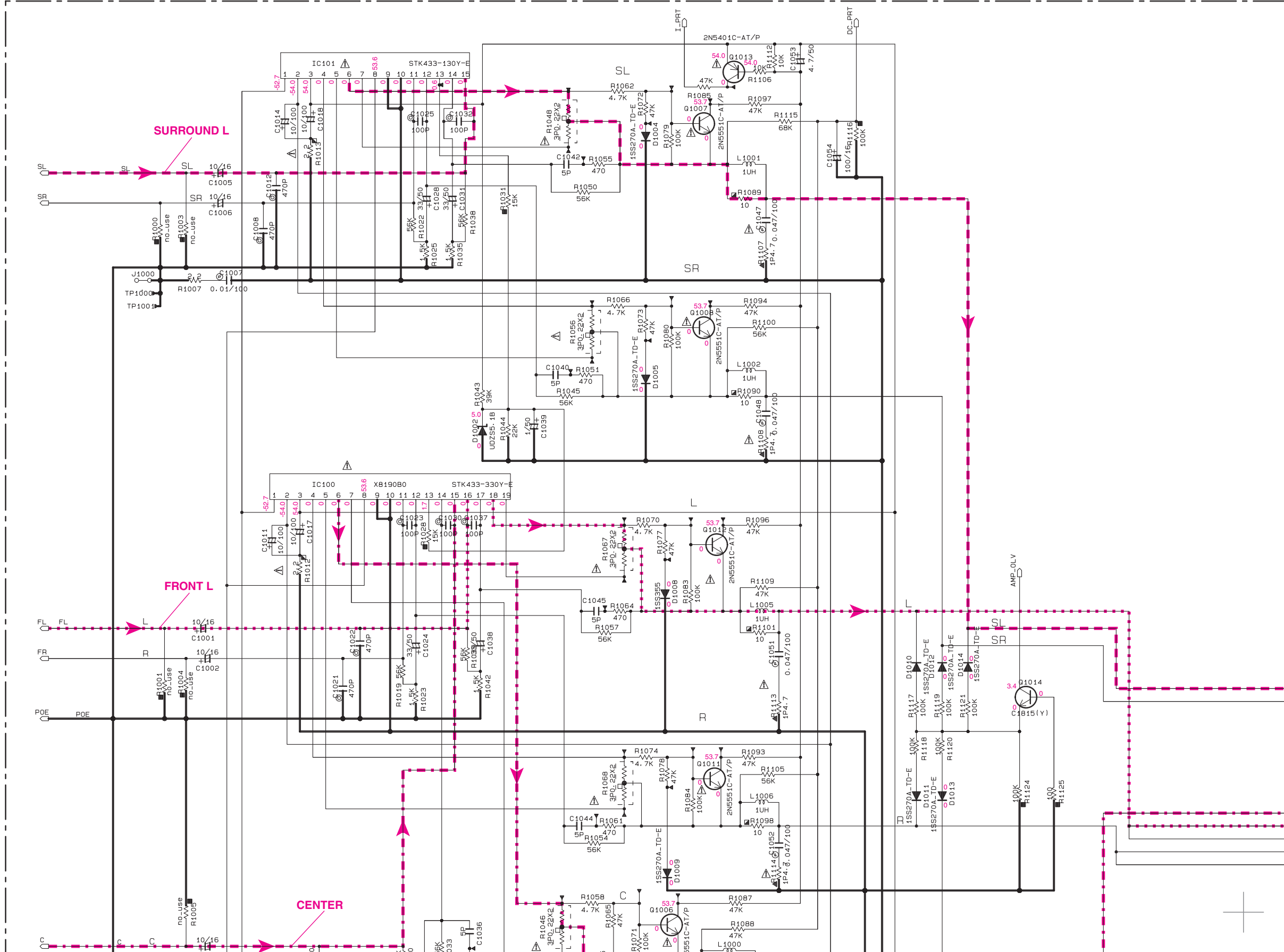




A	B
C	D

A	B
C	D

MAIN 1/2



A	B
C	D

MAIN (1)

Destination Part List					
sXX	LOC	JB6F	UCTKA	RS	L
s1	W1005B W1005A	X	X	WA76540 VH-529BT	WA76540 VH-529BT
s2	W1004B W1004A	X	X	MH08030	MH08030
s3	W1000B W1000A	X	X	MH04030	MH04030
s4	W1002B W1002A	X	X	MH03030	MH03030
s5	W1003B W1003A	X	X	MH09030	MH09030
s6	W1005B W1005A	X	X	MH06030	MH06030
s7	W1001B W1001A	X	X	MH02030	MH02030
s9	SW101	X	X	WB49370 RB140246	WD07370 RB140254
s10	F1000	X	X	VV07170 3. 15A250V	X
s11	CB158 CB159	X	X	WN07770 PFC5000-0202F	X
s12	C1056 C1055	WN33130 6800/71	WE51420 6800/63	WE51420 6800/63	WE51420 6800/63
s13	J1001	X	X	X	VN50000

RESISTOR

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
⊠	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊞	METAL PLATE RESISTOR
▨	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

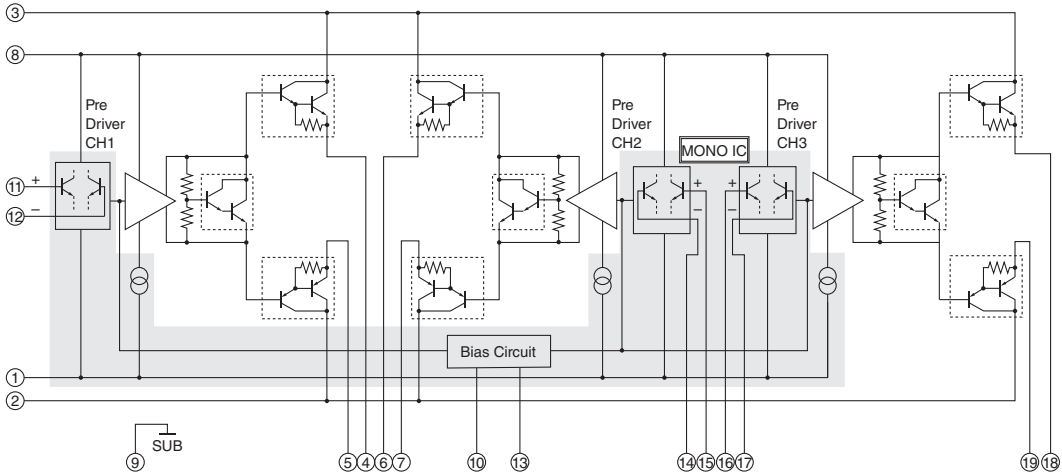
CAPACITOR

REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⌘
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	⌘
●	CERAMIC TUBULAR CAPACITOR	
◎	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
②	POLYPROPYLENE FILM CAPACITOR	
●	SEMICONDUCTIVE CERAMIC CAPACITOR	
⑤	POLYPHENYLENE SULFIDE FILM CAPACITOR	

NOTICE (model)

(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL

IC100: STK433-330Y-E
3-channel AF power amplifier, stand-by circuit built-in



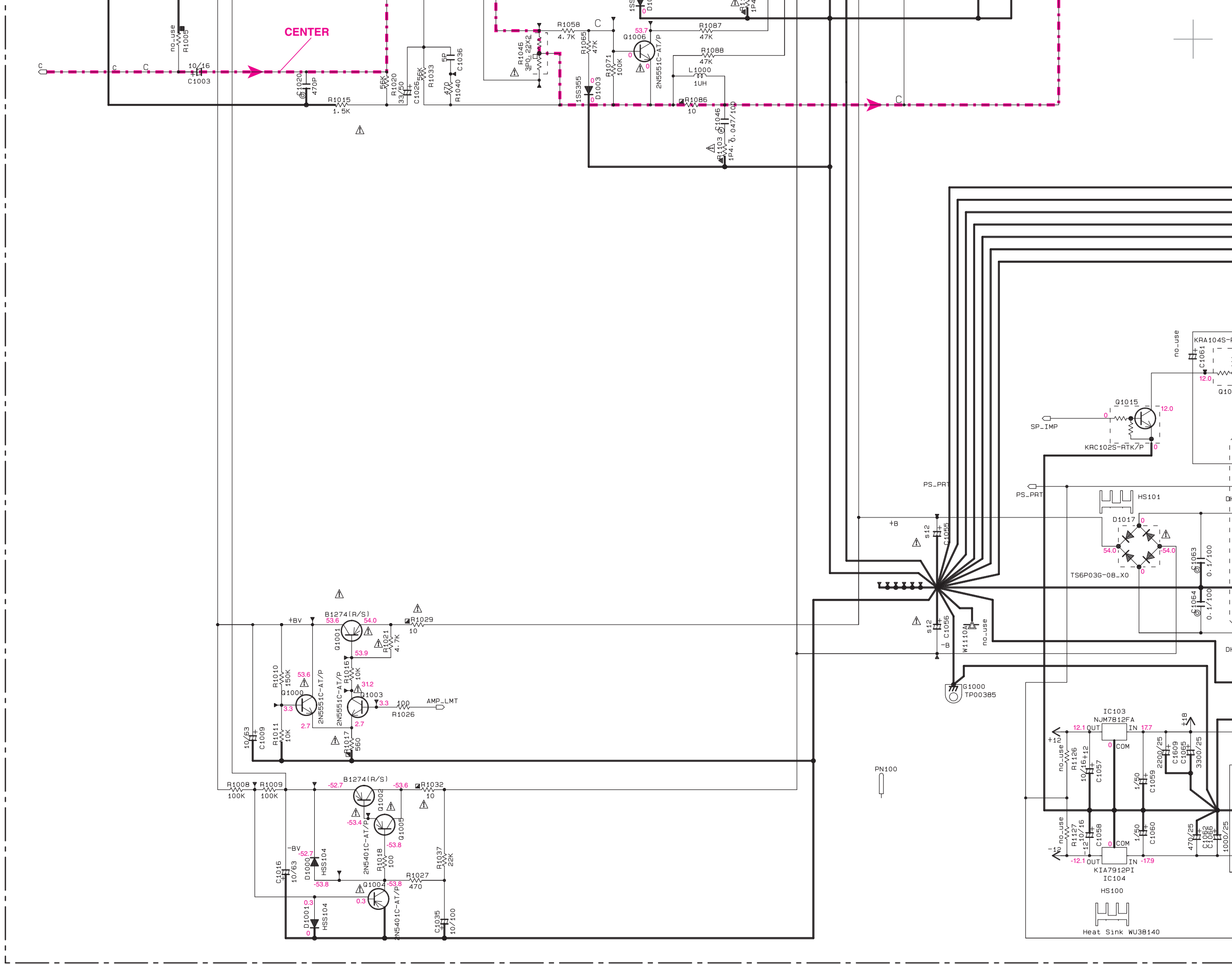
IC101: STK433-130Y-E
2-channel AF power amplifier, stand-by circuit built-in

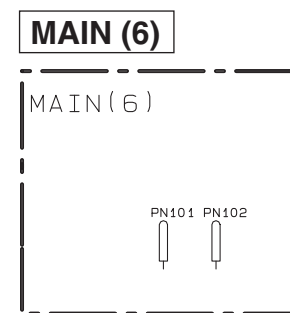
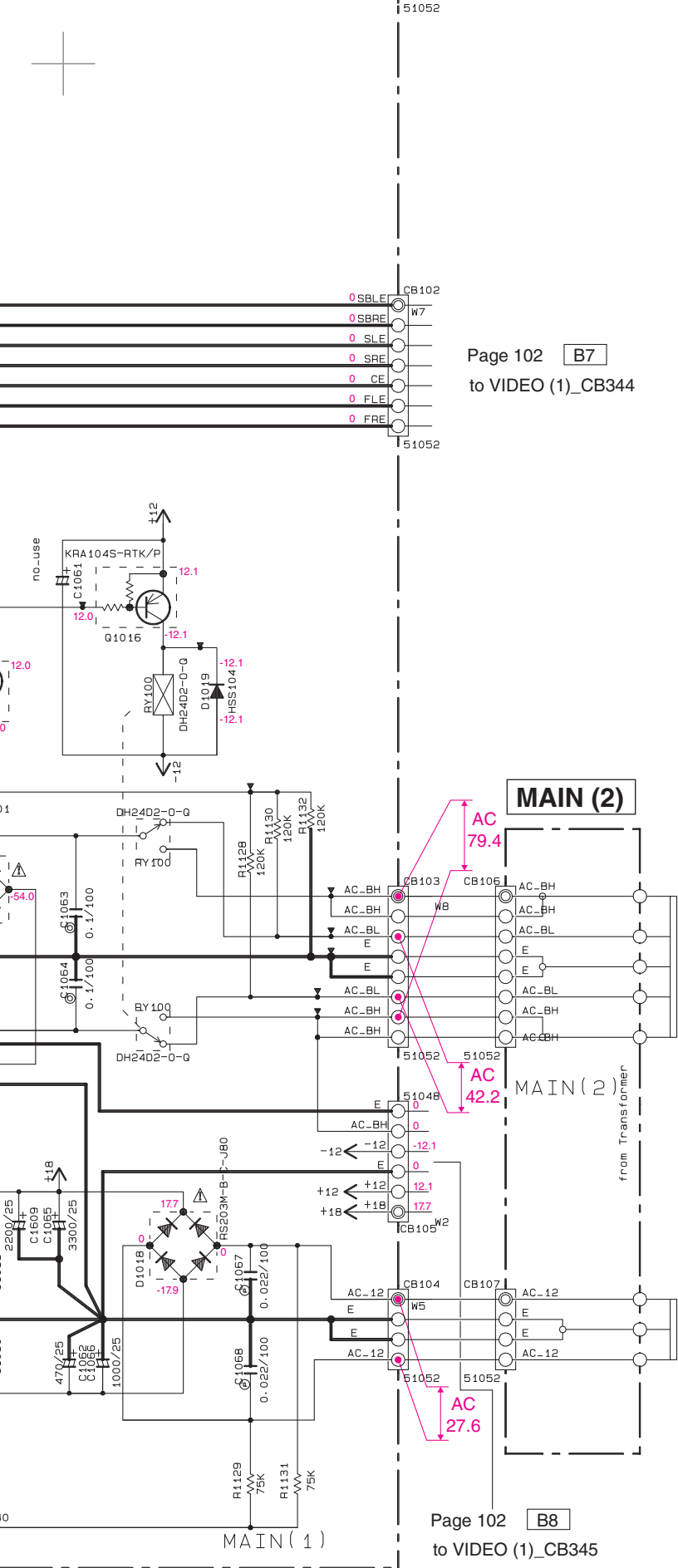


Page 102 B6
to VIDEO (1)_CB343

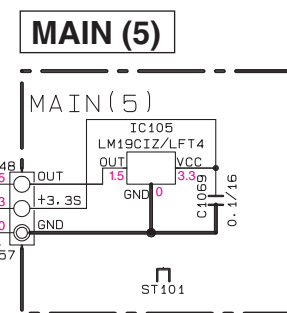
Page 102 B6
to VIDEO (1)_CB342

A	B
C	D

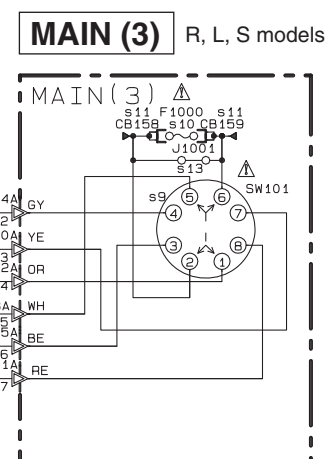
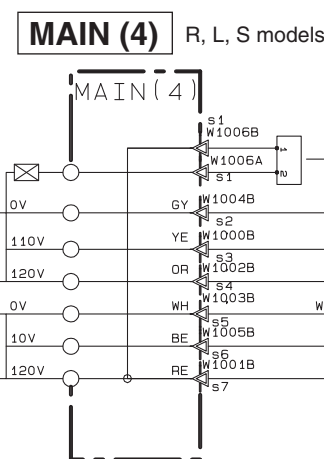




Page 94 **D2**
to DIGITAL_CB22



Page 103 **D7**
to VIDEO (2)_CB378



VOLTAGE SELECTOR

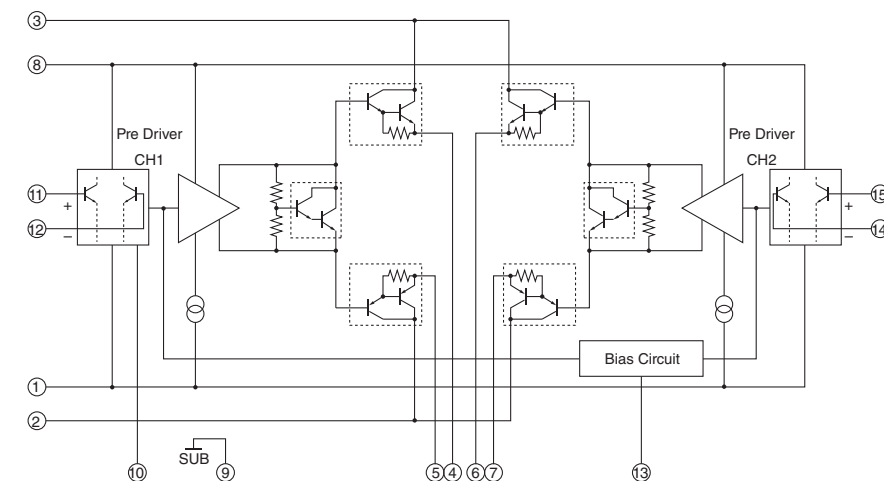
VOLTAGE SELECTOR

230-240V	1-2/5-6	R, L, S models
220V	2-3/6-7	R, L, S models
110V	3-4/7-8	R, S models
120V	4-5/8-1	R, S models

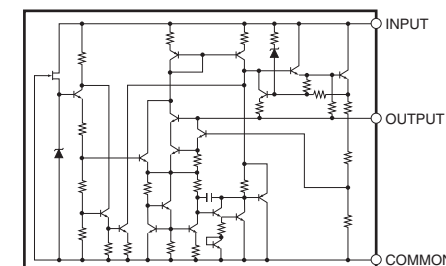
POWER TRANSFORMER

- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

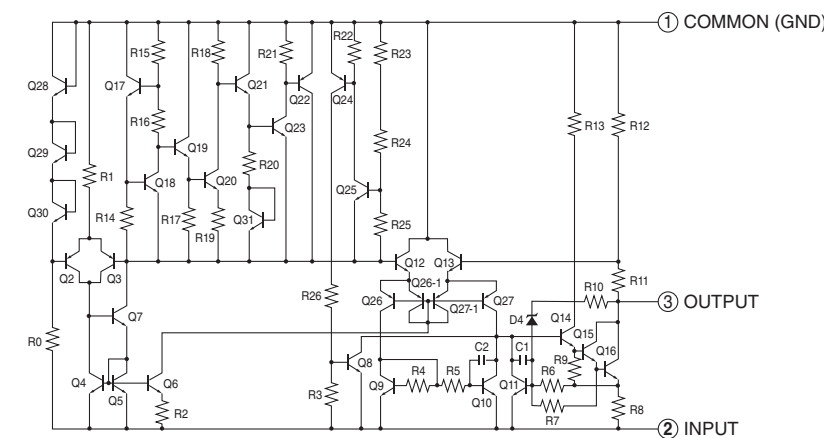
IC101: STK433-130Y-E
2-channel AF power amplifier, stand-by circuit built-in



IC103: NJM7812FA
Voltage regulator



IC104: KIA7912PI
Voltage regulator



- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
- Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。

A	B
C	D

RX-V467/HTR-4063

MAIN 2/2

1

2

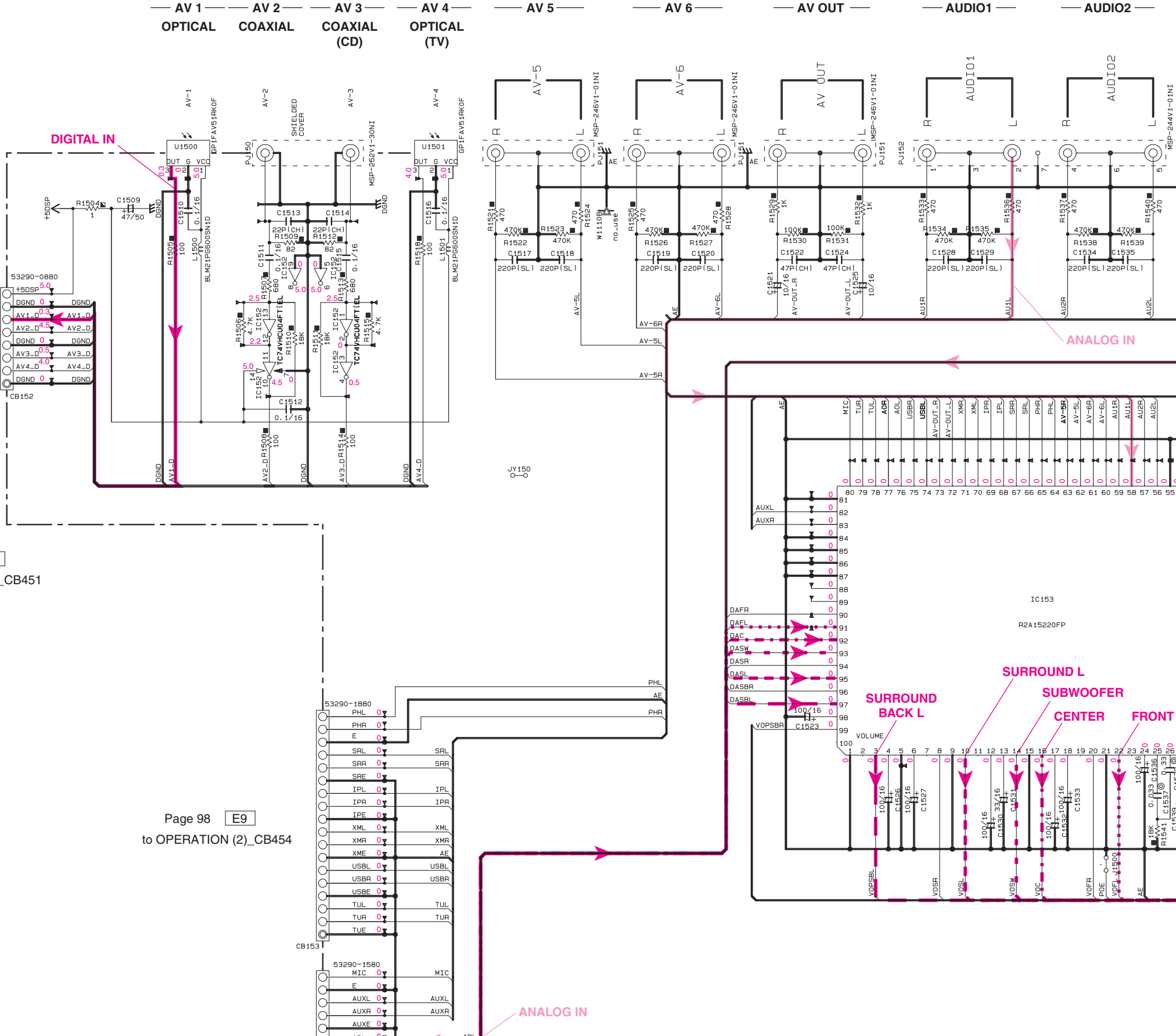
3

4

5

Page 98 C9
to OPERATION (2)_CB451

Page 98 E9
to OPERATION (2)_CB454



6

7

8

9

10

100

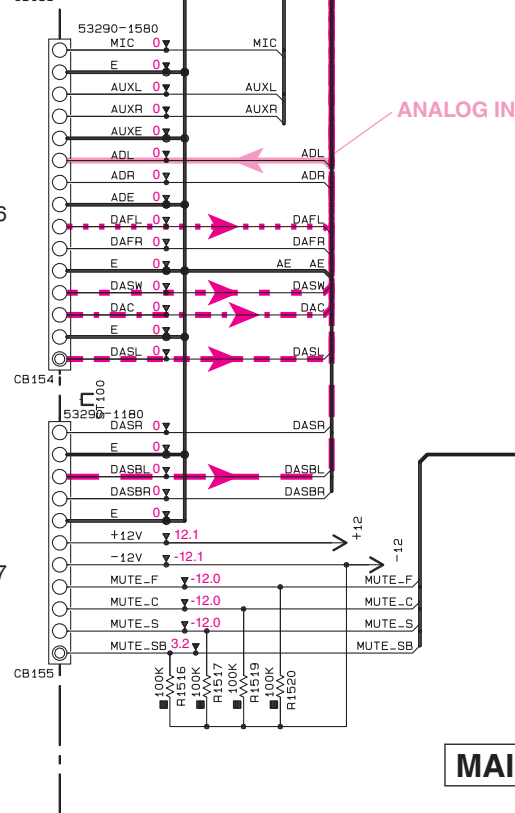
RX-V467/HTR-4063

A	B
C	D

MAIN 2/2

Page 98 G9
to OPERATION (2)_CB456

Page 98 H9
to OPERATION (2)_CB457

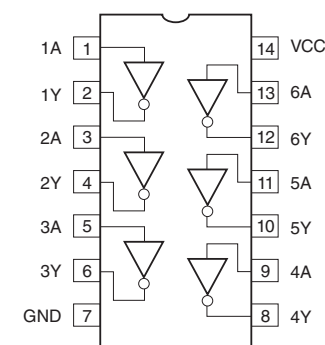


MAIN (1)

- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

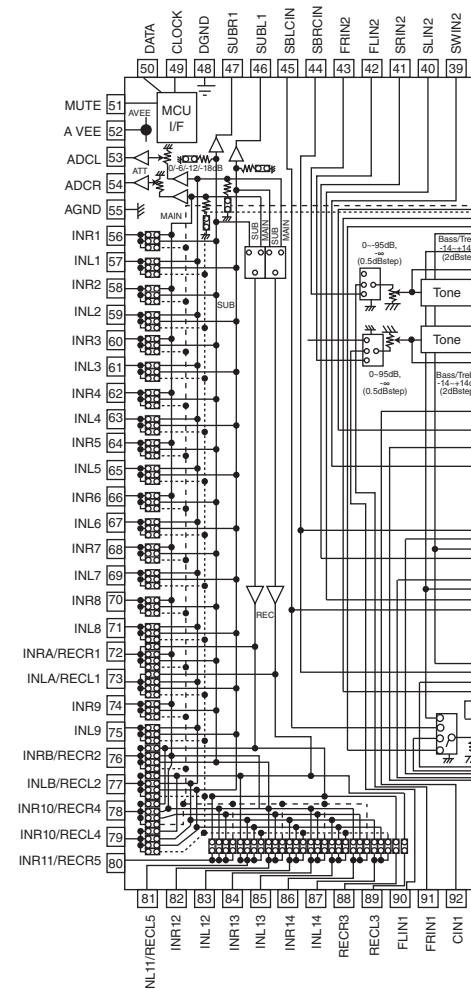
- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
- Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。

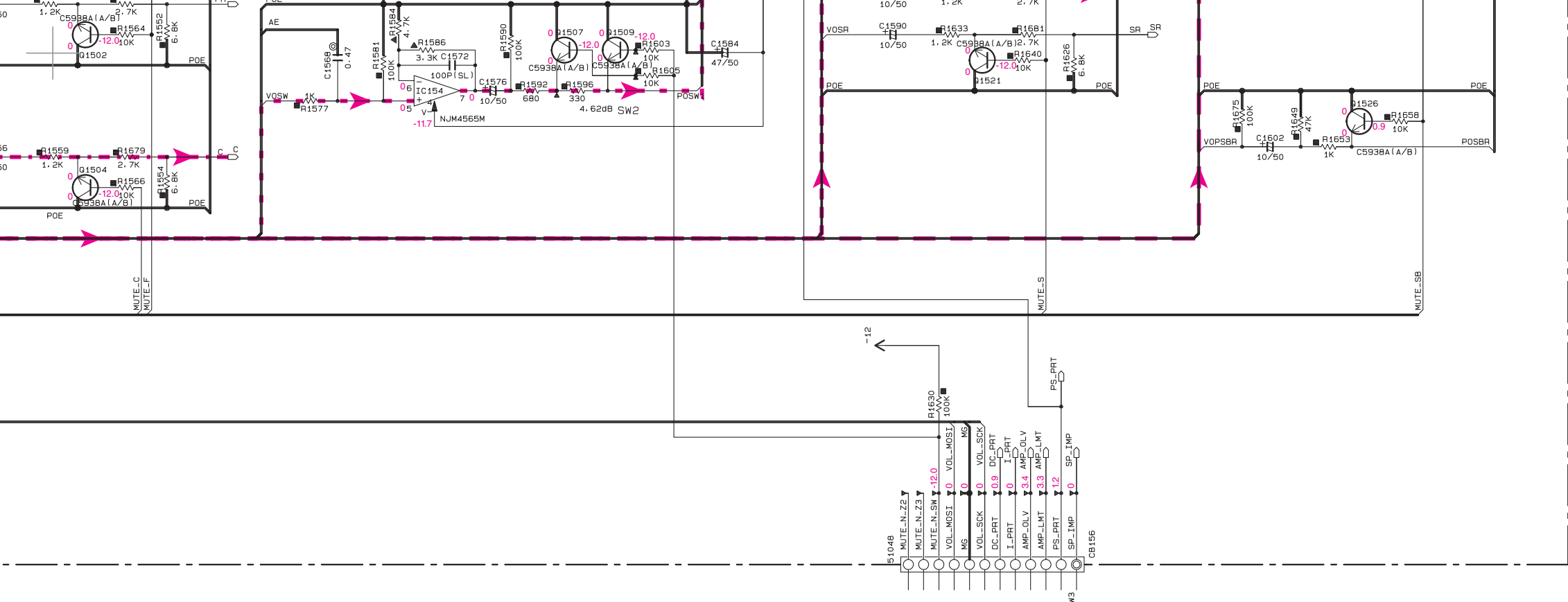
IC152: TC74VHCU04FT
Hex inverters



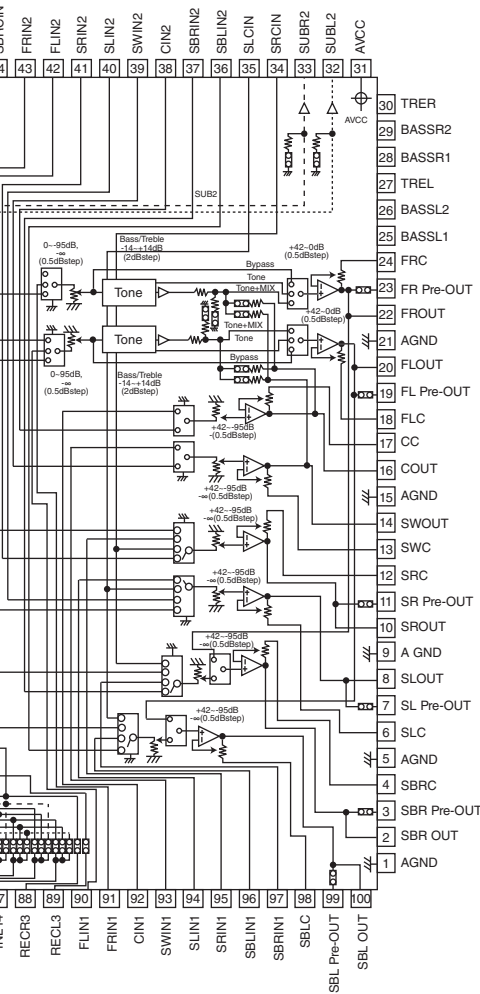
IC153: R2A15220FP

8-channel electronic volume with 11 inputs

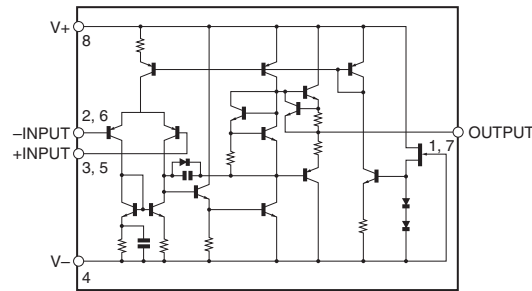




ne with 11 input selector and tone control



IC154: NJM4565M (TE1)
Dual operational amplifier



NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL

RESISTOR

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊠	METAL PLATE RESISTOR
▨	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
●	CERAMIC TUBULAR CAPACITOR
⊙	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
⊖	MICA CAPACITOR
⊕	POLYPROPYLENE FILM CAPACITOR
●	SEMICONDUCTIVE CERAMIC CAPACITOR

A	B
C	D

VIDEO 1/3

COMPONENT VIDEO

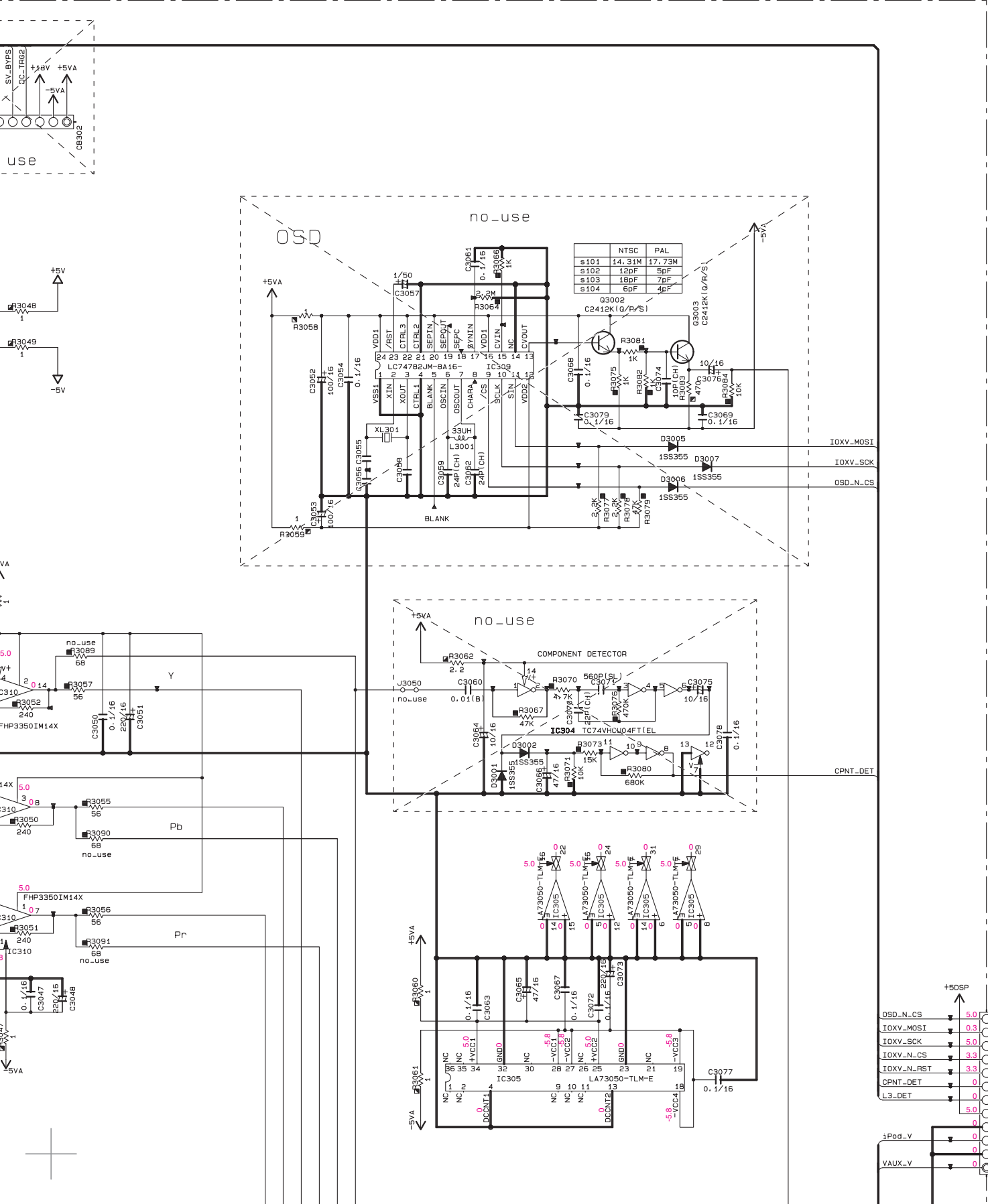
VIDEO

AV OUT

Page 103 H6
to VIDEO (8)_CB354
(J model)

COMP_SEL	OUT
L	AV-1
H	AV-2

A	B
C	D



NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL

RESISTOR

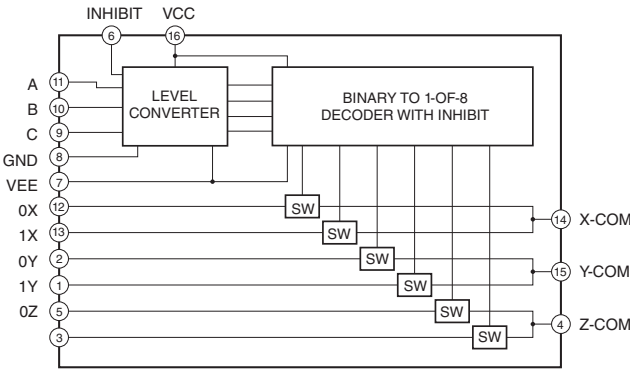
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
☑	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
☒	METAL PLATE RESISTOR
☑	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

CAPACITOR

REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	1
⊗	TANTALUM CAPACITOR	1
NO MARK	CERAMIC CAPACITOR	1
●	CERAMIC TUBULAR CAPACITOR	1
⊙	POLYESTER FILM CAPACITOR	1
○	POLYSTYRENE FILM CAPACITOR	1
①	MICA CAPACITOR	1
⊕	POLYPROPYLENE FILM CAPACITOR	1
●	SEMICONDUCTIVE CERAMIC CAPACITOR	1

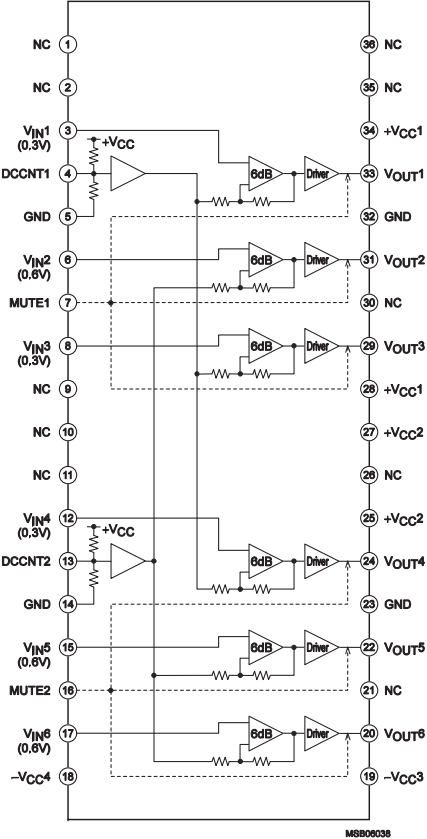
Destination Part List									
sXX	LOC	J	UC	RS	T	A	BGF	L	K
s110	CB301	V004770 52045	X	X	X	X	X	X	X
s111	R3086 R3087 R3085	R035475 75	X	X	X	X	X	X	X

IC303: TC74HC4053AF
Analog multiplexer/demultiplexer



INPUT STATES				"ON" CHANNEL (S)
INHIBIT	C	B	A	
0	0	0	0	0X, 0Y, 0Z
0	0	0	1	1X, 0Y, 0Z
0	0	1	0	0X, 1Y, 0Z
0	0	1	1	1X, 1Y, 0Z
0	1	0	0	0X, 0Y, 1Z
0	1	0	1	1X, 0Y, 1Z
0	1	1	0	0X, 1Y, 1Z
0	1	1	1	1X, 1Y, 1Z
1	X	X	X	NONE

IC305: LA73050-TLM-E
6-channel 75-ohm video driver



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RX-V467/HTR-4063

A	B
C	D

VIDEO 1/3

MONITOR OUT

COMPONENT VIDEO

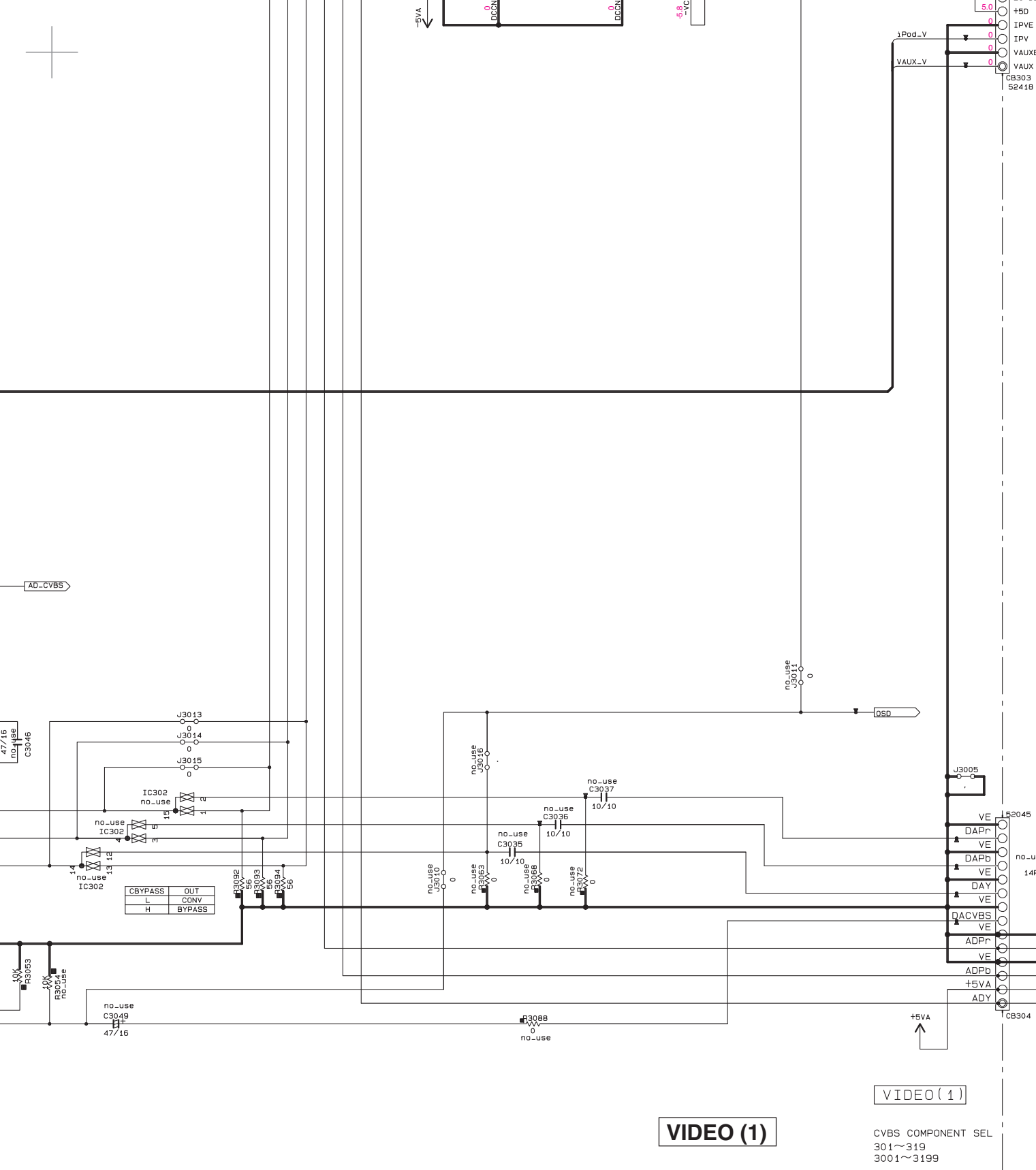
MON OUT VIDEO

VID_SEL3	VID_SEL2	VID_SEL1	OUT
L	L	L	MUTE
L	L	H	AV-5
L	H	L	AV-4
L	H	H	AV-6
H	L	L	AV-3
H	L	H	1Pod
H	H	L	MUTE
H	H	H	V-AUX

OUTPUT AMP

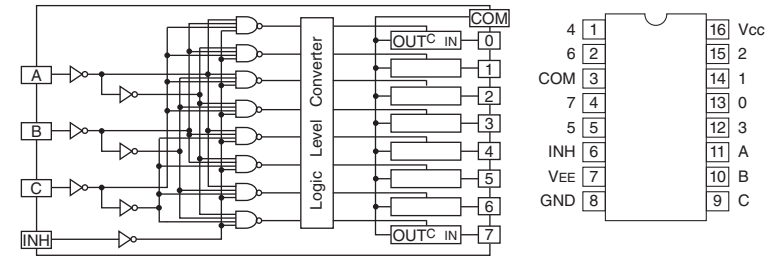
INPUT SELECTOR

EXTERNAL I/O PORT

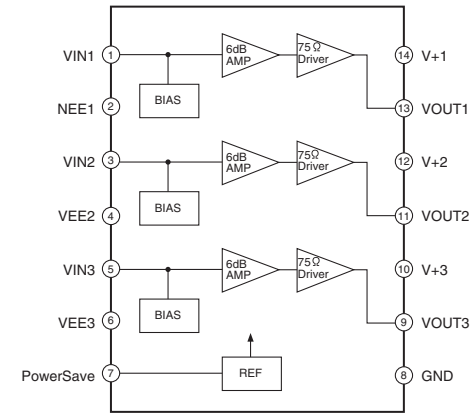


to OPERATION (2)_CB459

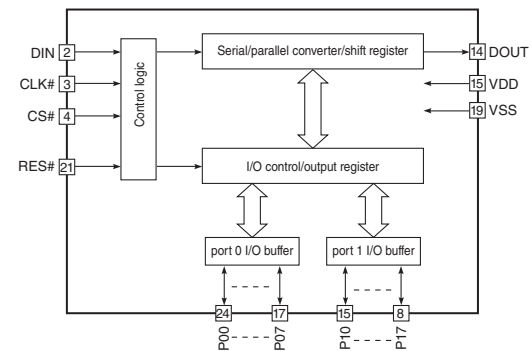
IC307: TC74HC4051AFEL
8-channel analog multiplexer/demultiplexer



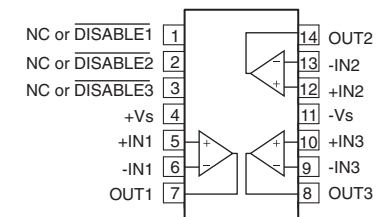
IC306: NJM2581M
Video amplifier



IC308: LC709004A-TLM-E
I/O-expander for microcontroller



IC310: FHP3350IM14X
Triple voltage feedback amplifier



To Digital

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- ★ Schematic diagram is subject to change without notice.

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- 本回路図は標準回路図です。改良のため予告なく変更することがあります。

A	B
C	D

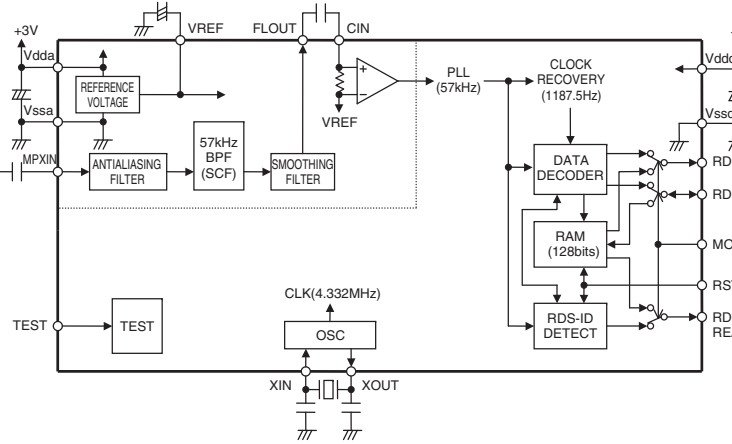
A	B
C	D

RX-V467/HTR-4063

VIDEO 2/3

Destination Part List										
sXX	LOC	J	UC	RS	T	A	BGF	L	K	
s201	IC321	X	X	X	X	X	XB235A0 LC72725KM-UY-TL	X	X	
s202	XL321	X	X	X	X	X	V273110 4.332MHZ	X	X	
s203	C3201 C3203	X	X	X	X	X	US06127 27P(CH)	X	X	
s204	C3205 C3204 C3209	X	X	X	X	X	US13510 0.1/16	X	X	
s205	R3201 R3203	X	X	X	X	X	RD35510 100	X	X	
s206	C3202	X	X	X	X	X	UR83710 10/16	X	X	
s207	C3206	X	X	X	X	X	US06256 560P(SL)	X	X	
s208	R3202	X	X	X	X	X	RD35651 5.1K	X	X	
s209	C3207 C3208	X	X	X	X	X	US06233 330P(SL)	X	X	
s210	R3204	X	X	X	X	X	RD35722 22K	X	X	
s211	R3205	X	X	X	X	X	RD35633 3.3K	X	X	
s212	Q3201	X	X	X	X	X	IC17402 C1740S(R/S)	X	X	
s213	R3206	X	X	X	X	X	RD35810 100K	X	X	
s214	R3207	X	X	X	X	X	RD35733 33K	X	X	
s215	R3208	X	X	X	X	X	HV75568 680	X	X	
s216	D3201	X	X	X	X	X	VG43610 MTZJ3.3B	X	X	
s217	C3211	X	X	X	X	X	UR23747 47/16	X	X	
s281	TE342	WK56100 MST-207V1-01	WK56100 MST-207V1-01	WK56100 MST-207V1-01	WK56100 MST-207V1-01	WK56100 MST-207V1-01	WK56110 MST-207V1-01	WK56110 MST-207V1-01	WK56110 MST-207V1-01	
s282	TE341	WK56080 MST-204V1-01	WK56080 MST-204V1-01	WK56080 MST-204V1-01	WK56080 MST-204V1-01	WK56080 MST-204V1-01	WK56090 MST-204V1-01	WK56090 MST-204V1-01	WK56090 MST-204V1-01	
s292	R3350	X	X	HF45622 2.2K	X	X	X	X	X	
s293	D3350	X	X	VU17280 UDZS12B	X	X	X	X	X	

IC321: LC72725KM-UY-TLM-E
RDS signal demodulation IC

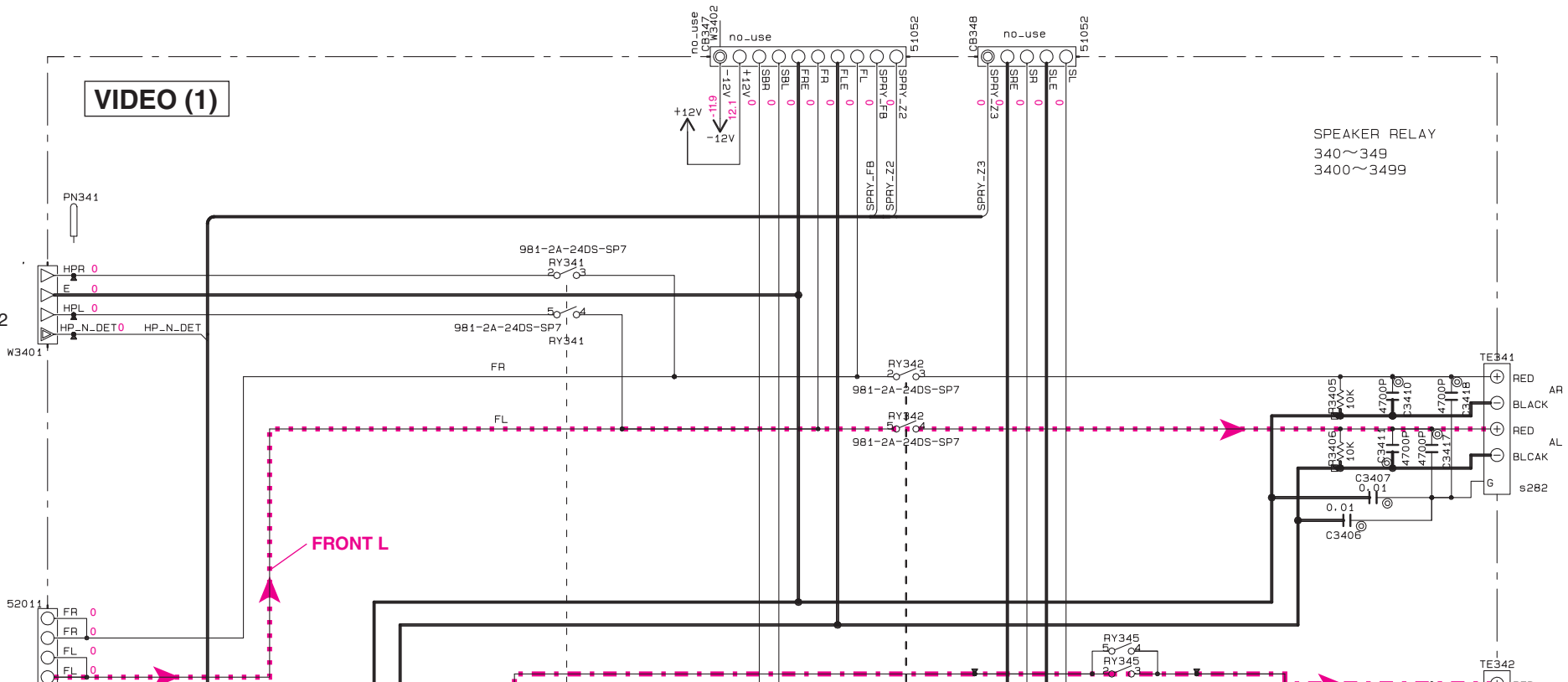


TRIGER & TUNER
320~329
3200~3299

VIDEO (1)

Page 97 M5
to OPERATION (3)_CB472

Page 99 H5
to MAIN (1)_CB101



FRONT
L/R

SPEAKERS

RDS_N_RST
RDS_SCK

RDS_RDY
RDS_MISO

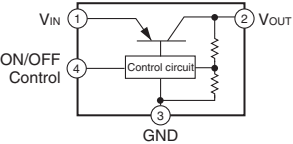
NOTICE (model)

(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL

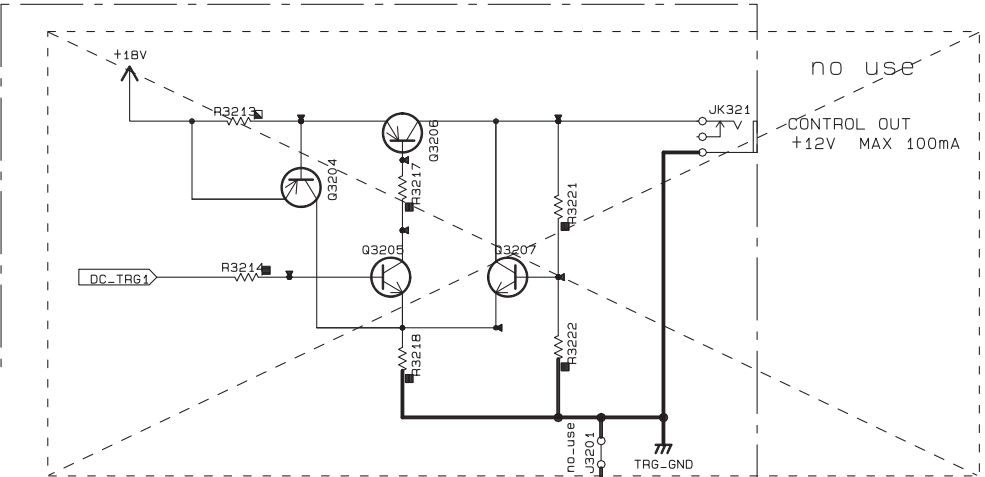
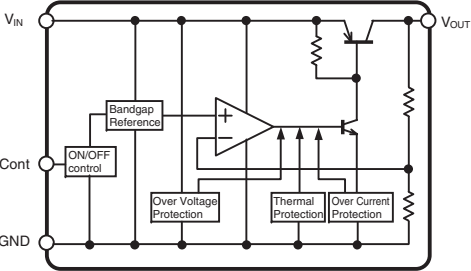
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
⊠	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊞	METAL PLATE RESISTOR
▨	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
⊙	CERAMIC TUBULAR CAPACITOR
◎	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
①	MICA CAPACITOR
⊖	POLYPROPYLENE FILM CAPACITOR
⦿	SEMICONDUCTIVE CERAMIC CAPACITOR

IC331: NJM2396F05
Low dropout voltage regulator with ON/OFF control



IC334: NJM2388F05
Low dropout voltage regulator with ON/OFF control



VIDEO(1)

[Tuner]

To AM/FM TUNER

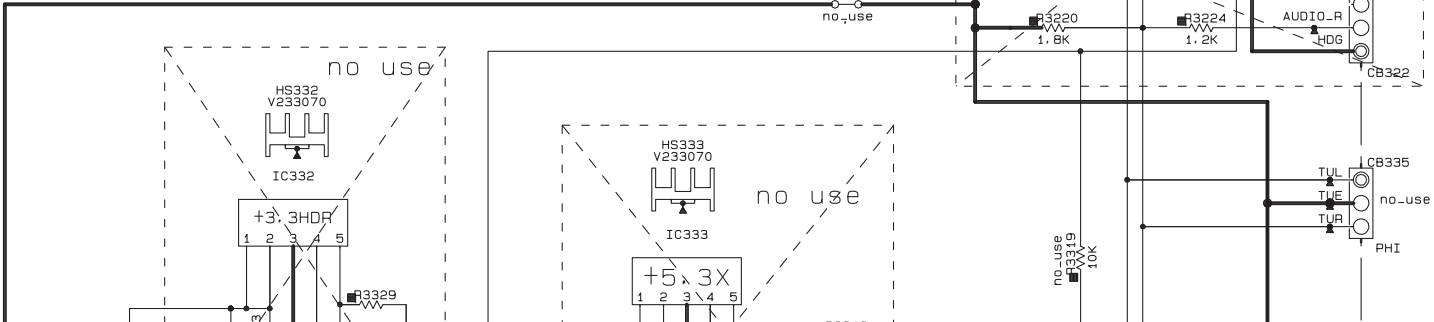
to TUNER PACK

to HD RADIO

(B, G, F models)

2401-2500

[RDS]



Page 99 **H5**
to MAIN (1)_CB101

Page 99 **H4**
to MAIN (1)_CB100

Page 99 **H4**
to MAIN (1)_CB102

Page 99 **H9**
to MAIN (1)_CB105

Page 94 **I2**
to DIGITAL_CB25

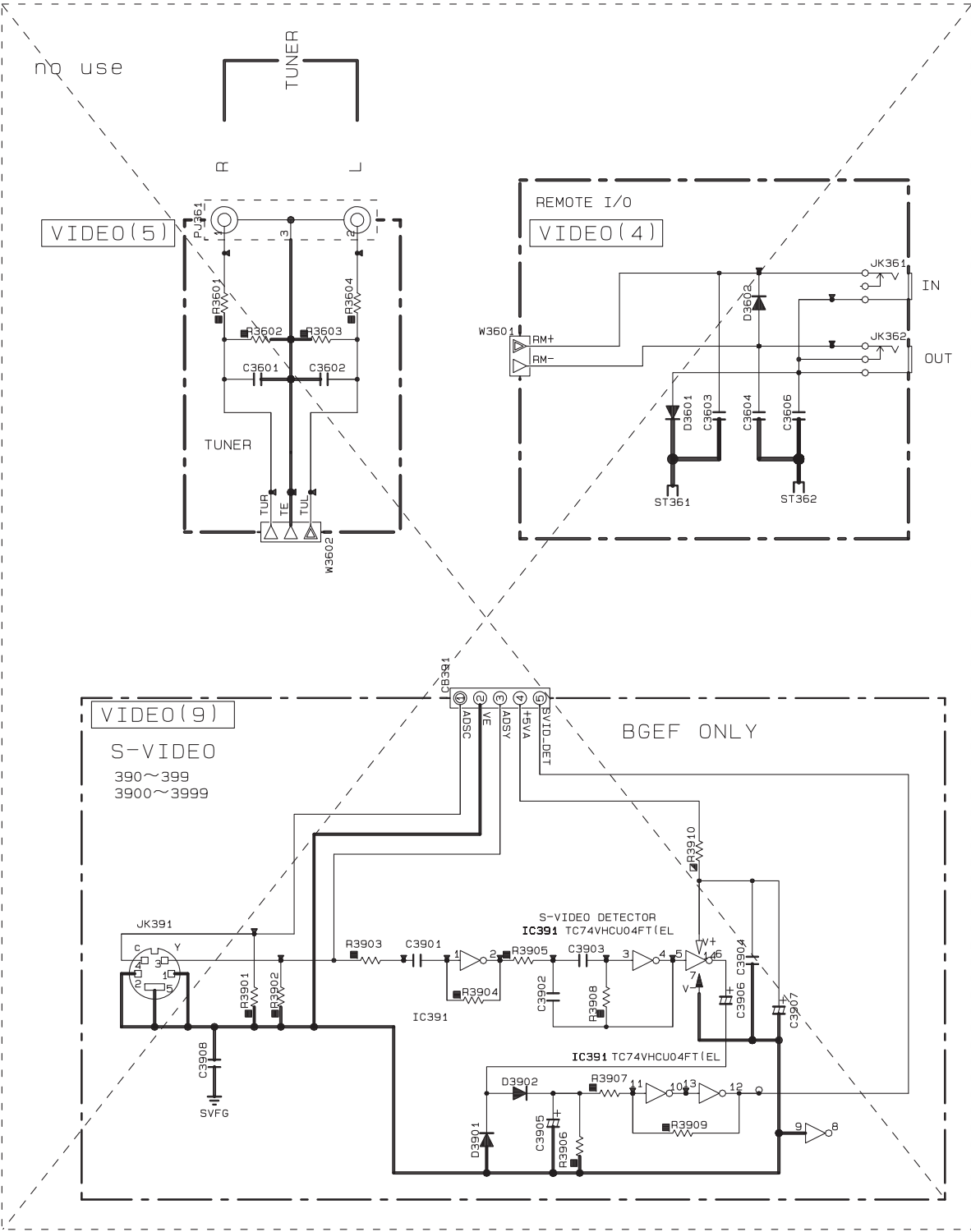
- ★ All voltages are measured with a 10M Ω /V DC electronic voltmeter.
- ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

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Page 98 K9
to OPERATION (2)_CB460

A	B
C	D

VIDEO 3/3



VIDEO(8)

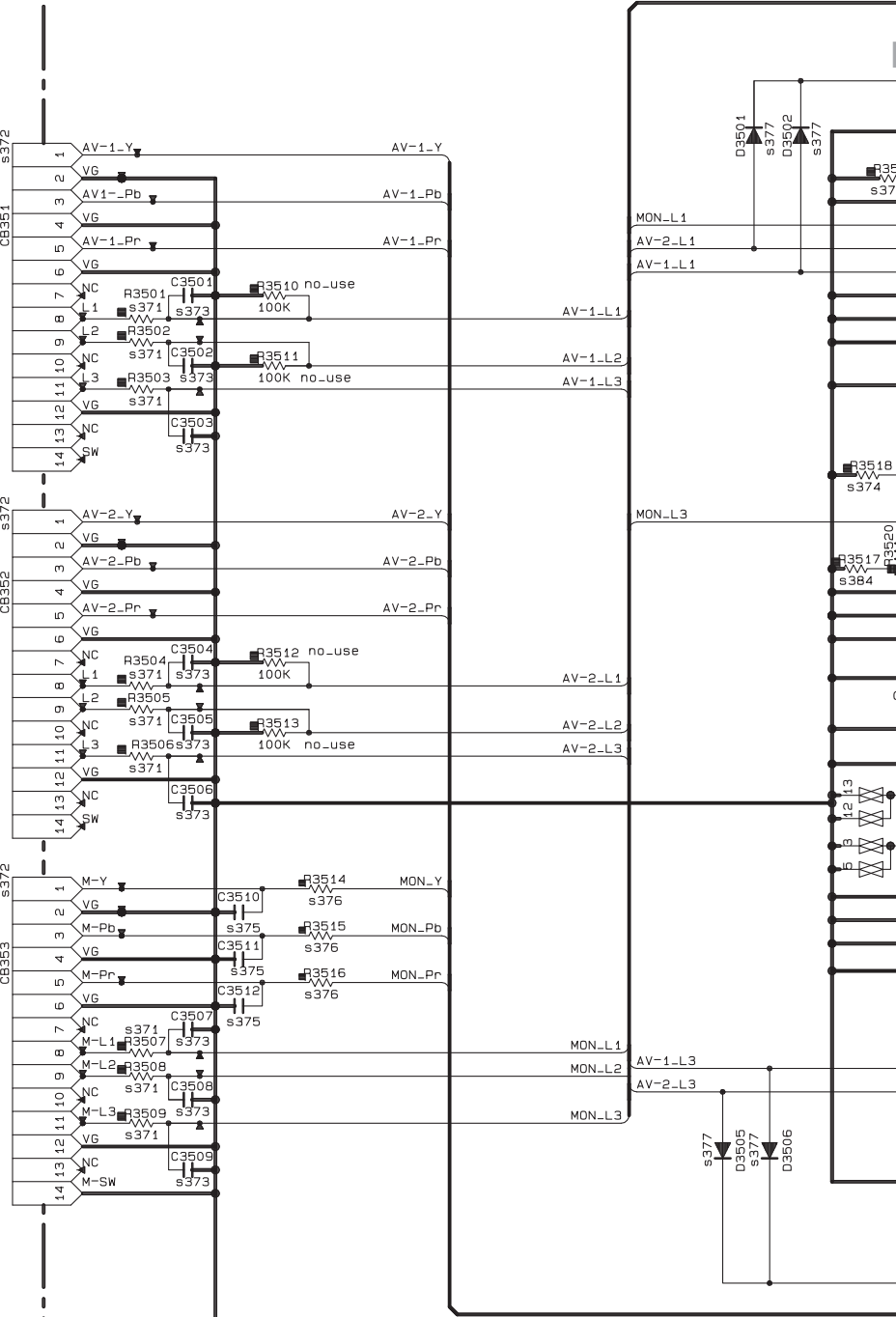
D-TERMINAL

J ONLY

350~359
3500~3599

LINE SELECTOR		
COMP_SEL	CBYAPASS	OUT
L	L	4B
L	H	AV
H	L	4B
H	H	AV

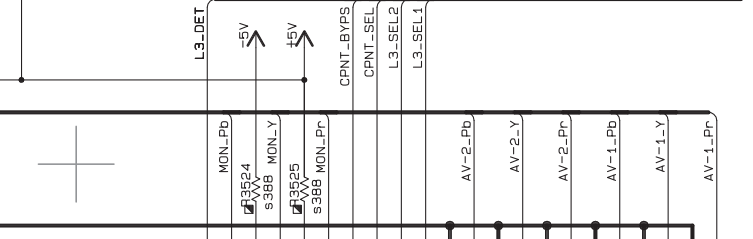
AV-1
AV-2
D4 VIDEO
MONITOR OUT



VIDEO(7)

VIDEO (7)

U, C, T, K, A, B, G, F, J models



NOTICE (model)

(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE

RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
	CARBON FILM RESISTOR (P=10)
	METAL OXIDE FILM RESISTOR
	METAL FILM RESISTOR
	METAL PLATE RESISTOR
	FIRE PROOF CARBON FILM RESISTOR
	CEMENT MOLDED RESISTOR
	SEMI VARIABLE RESISTOR

CAPACITOR		
REMARKS	PARTS NAME	
NO MARK ⊗	ELECTROLYTIC CAPACITOR TANTALUM CAPACITOR	#
NO MARK ●	CERAMIC CAPACITOR CERAMIC TUBULAR CAPACITOR	
◎	POLYESTER FILM CAPACITOR	H
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	

6

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Notes)

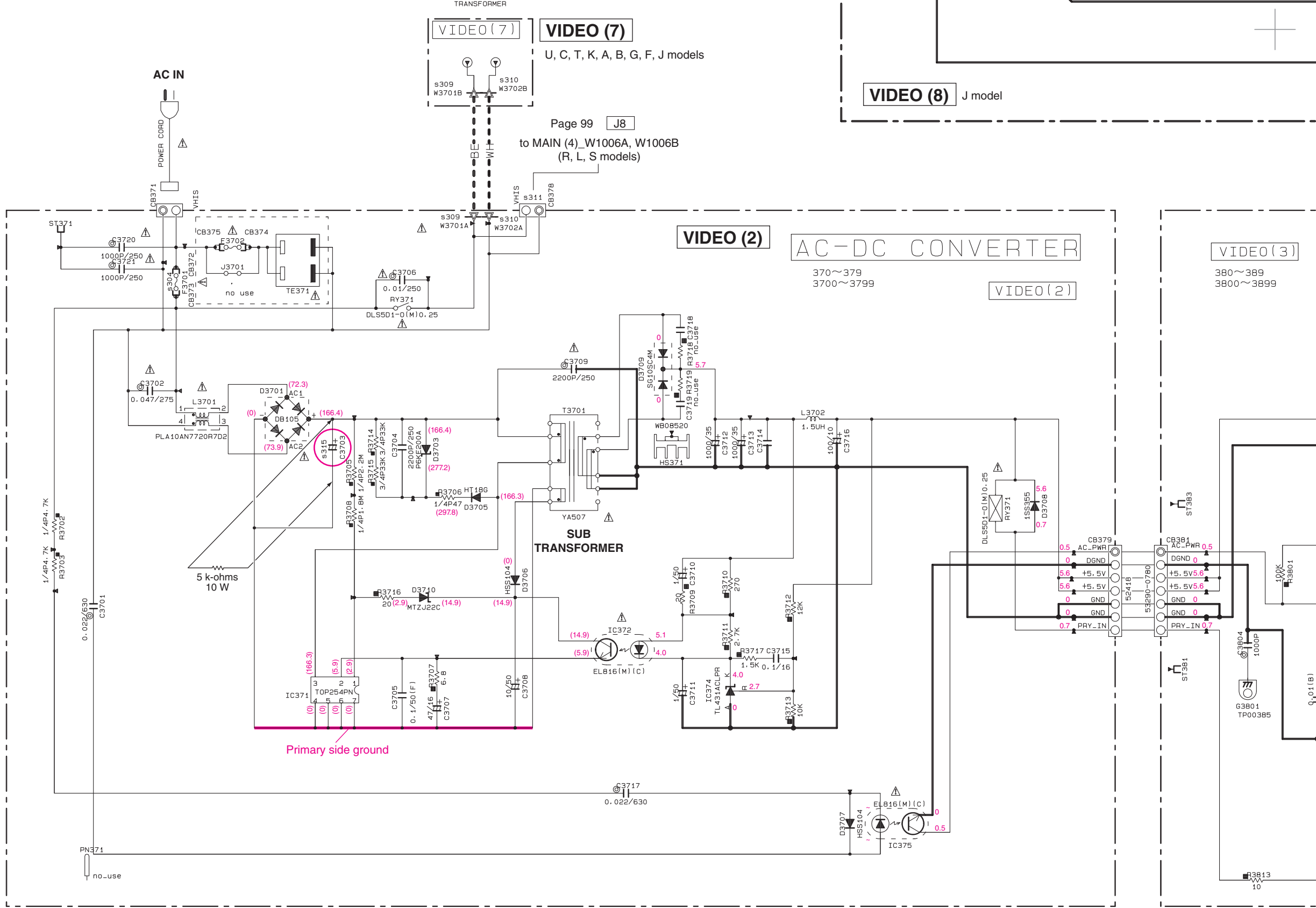
Safety measures

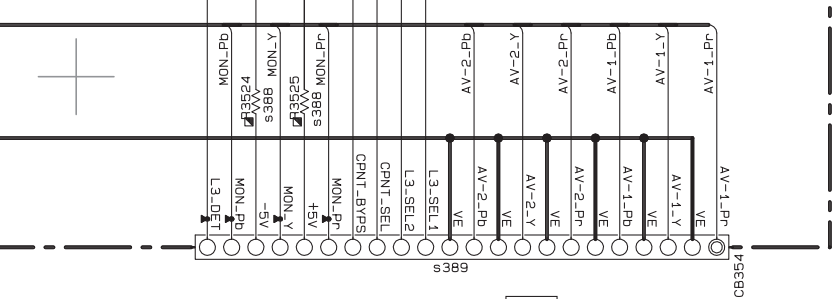
- Some internal parts in this product contain high voltages and are dangerous. Be sure to take safety measures during servicing, such as wearing insulating gloves.
- Note that positions indicated below are dangerous even after the power is turned off because an electric charge remains and a high voltage continues to exist there. Before starting any repair work, perform discharge by connecting a discharge resistor (5k-ohms/10W) between terminals at following positions. The time required for discharging is about 30 seconds.
C3703 on VIDEO (2) P.C.B.

注意)

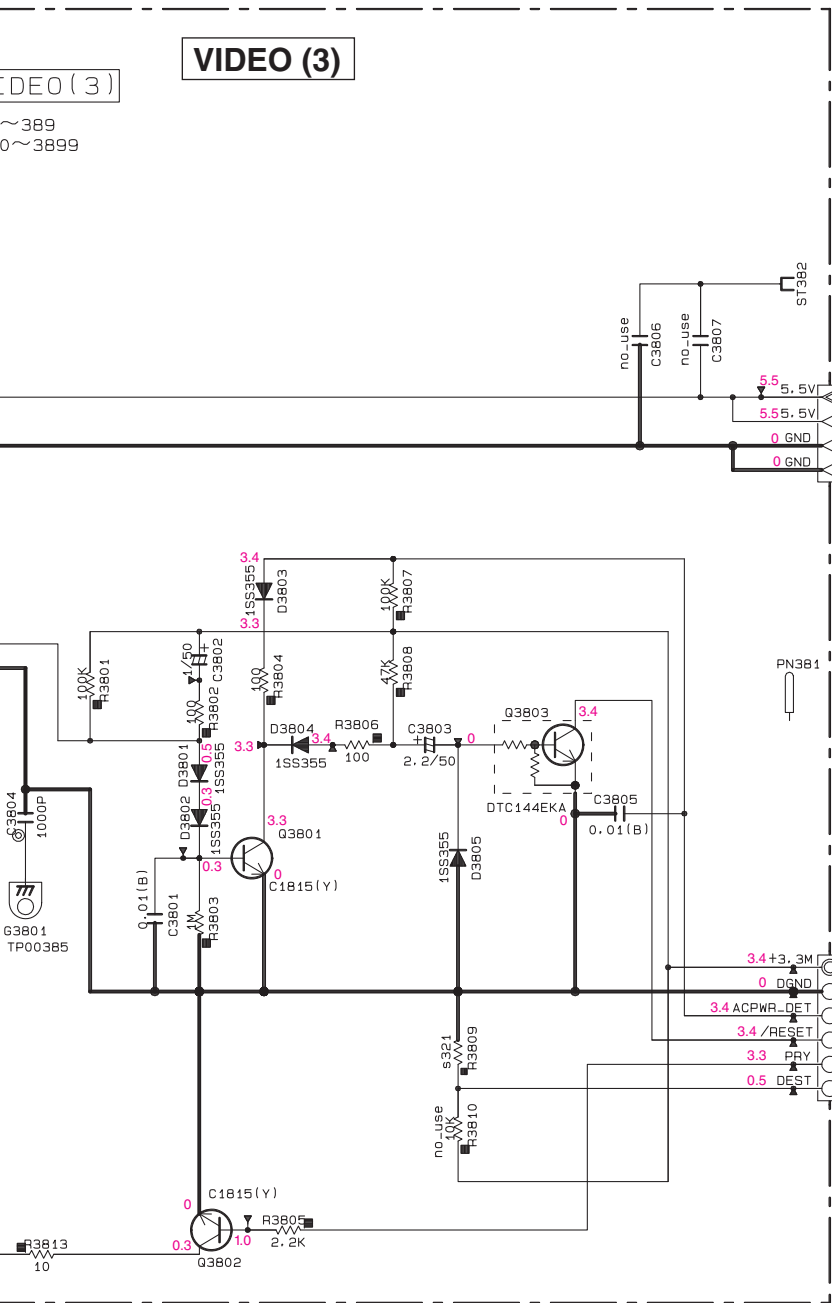
安全対策

- この製品の内部には高電圧部分があり危険です。修理の際は、絶縁性の手袋を使用してください。
- 下記箇所には電源を OFF にした後も電荷が残り、高電圧が維持されており危険です。修理作業前に放電用抵抗 (5 kΩ/10 W) を下記箇所の端子間に接続して放電してください。
VIDEO (2) P.C.B. の C3703





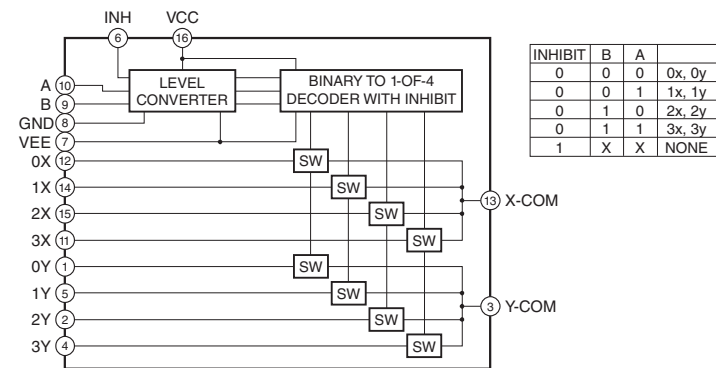
Page 101 **C2**
to VIDEO (1)_CB301



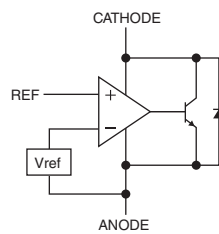
Page 93 **M8**
to DIGITAL_CB7

Page 94 **F2**
to DIGITAL_CB24

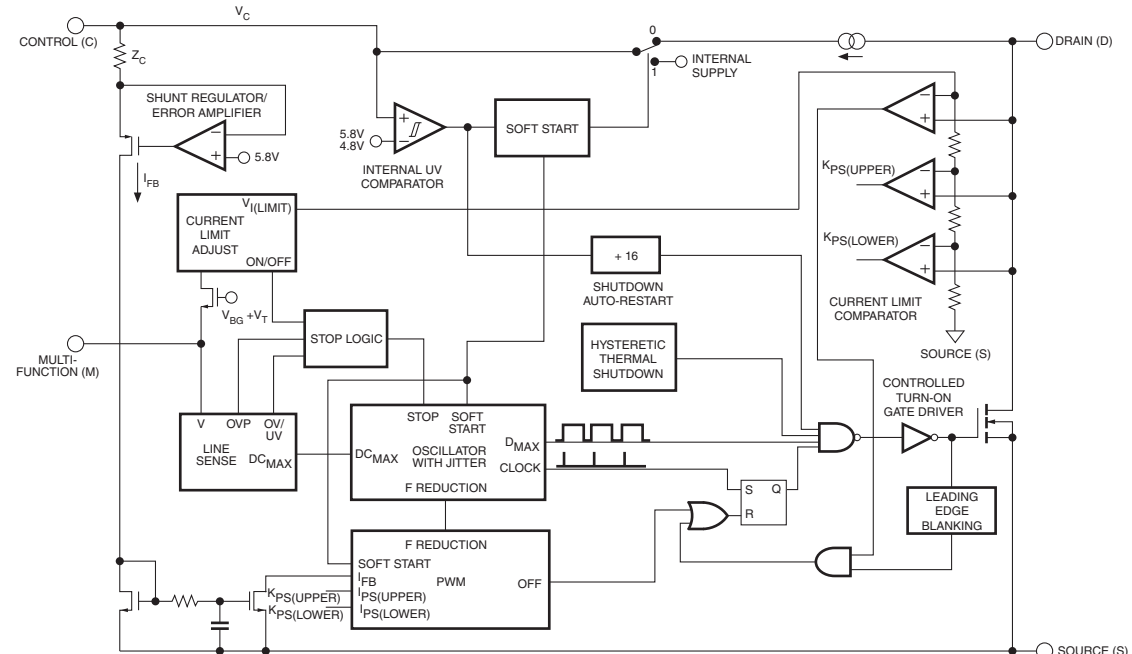
IC351, 352: TC74HC4052AF
Analog multiplexer/demultiplexer



IC374: TL431ACLPR
Adjustable precision shunt regulators



IC371: TOP254PN
TOPswitch-HX



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- Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
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A	B
C	D