

AV RECEIVER RX-V567/HTR-5063

SCHEMATIC DIAGRAMS

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

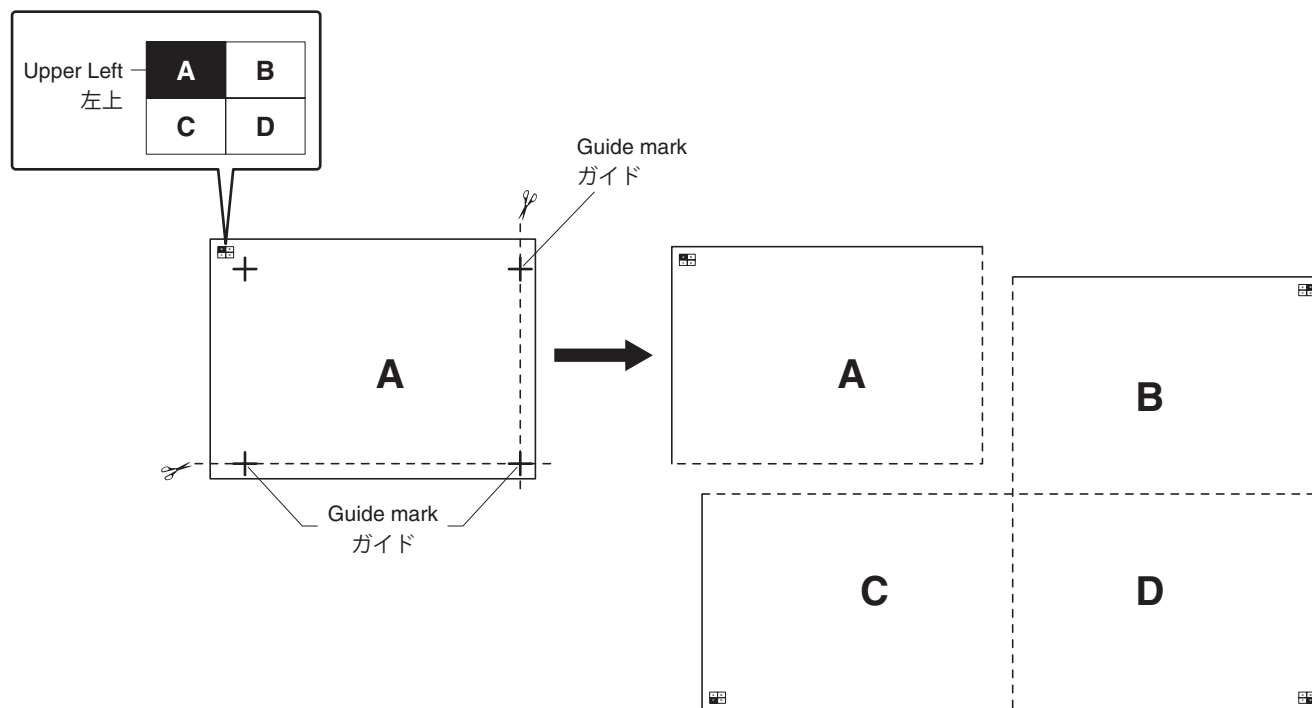
Cut along the guide marks and put them together.

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。

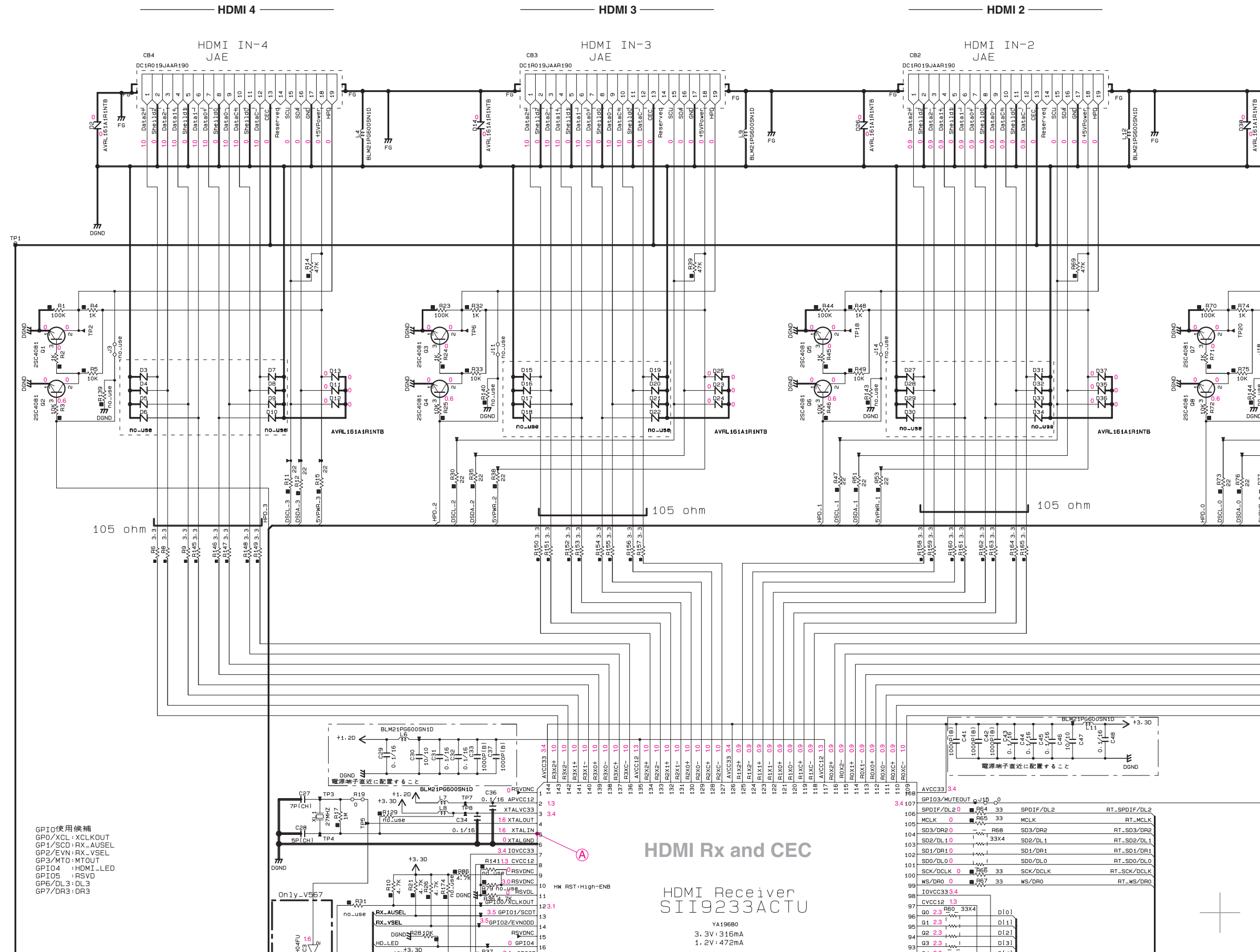
各回路図の張り合わせ位置は以下の記号で表しています。



■ CONTENTS

SCHEMATIC DIAGRAMS

DIGITAL Board	93-97
OPERATION Board	98-99
MAIN Board	100-101
VIDEO Board	102-104



A	B
C	D

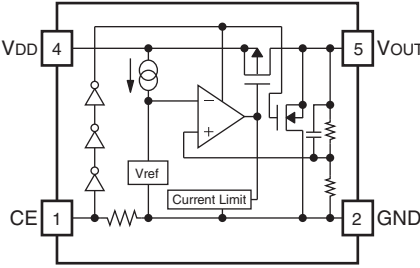
RX-V567/HTR-5063

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

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	

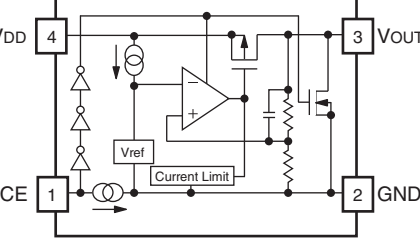
REMARKS	PARTS NAME	
NO MARK	CARBON FILM RESISTOR (P=5)	
⊠	CARBON FILM RESISTOR (P=10)	
△	METAL OXIDE FILM RESISTOR	
⊠	METAL FILM RESISTOR	
⊠	METAL PLATE RESISTOR	
⊠	FIRE PROOF CARBON FILM RESISTOR	
⊠	CEMENT MOLDED RESISTOR	
⊠	SEMI VARIABLE RESISTOR	
⊠	CHIP RESISTOR	

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

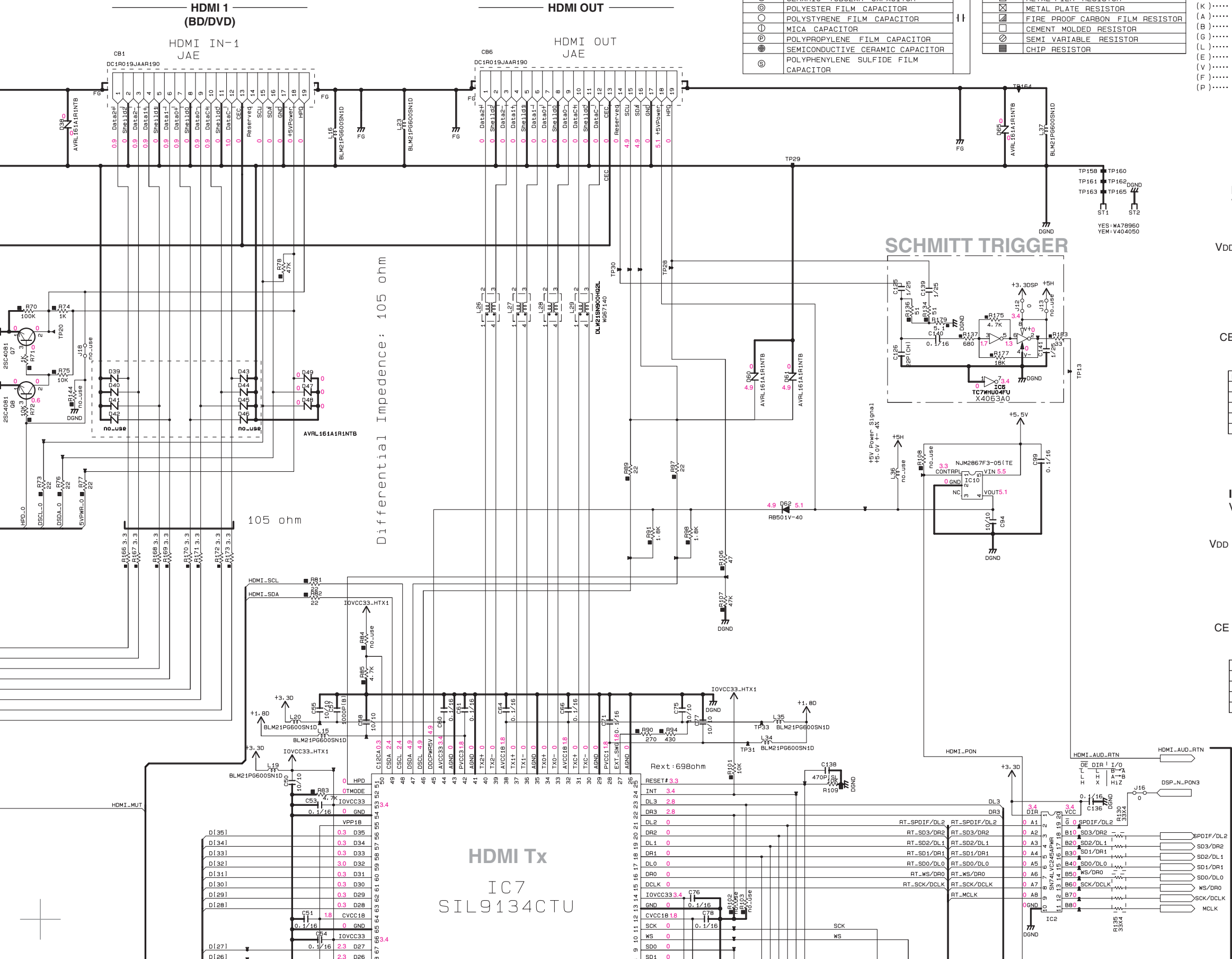
IC14: RP130Q501D-TR-F
Voltage regulator

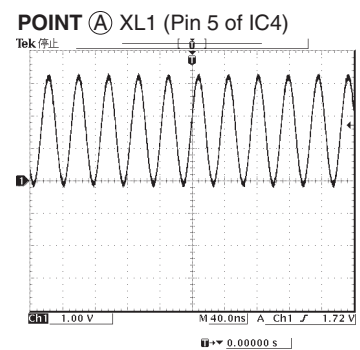
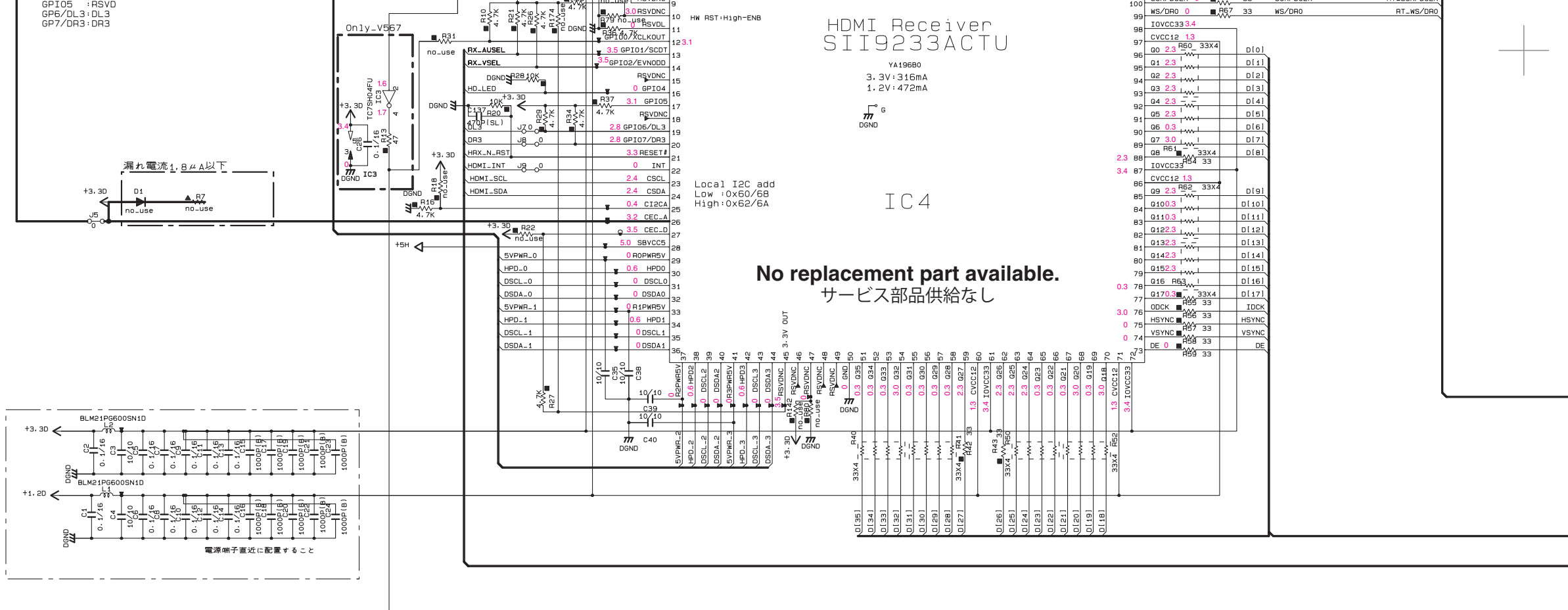


Pin No.	Symbol	Description
1	CE	Chip Enable ("H" Active)
2	GND	Ground Pin
3	Vout	Output Pin
4	VDD	Input Pin

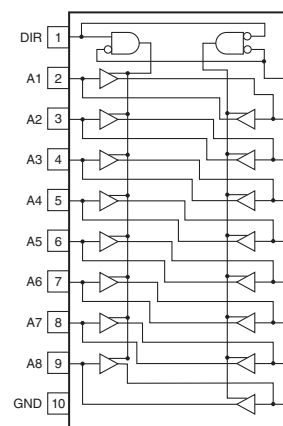
To 003: Sht
(DSP)

To DIGITAL 3/5

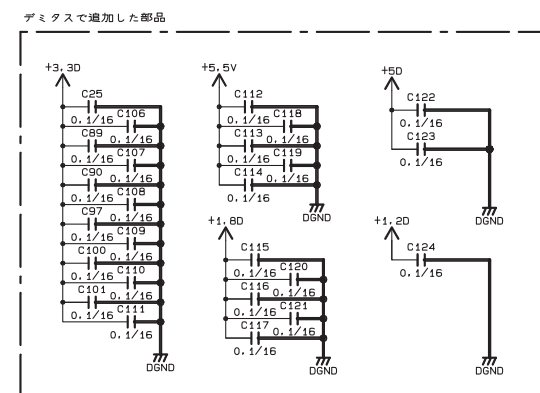
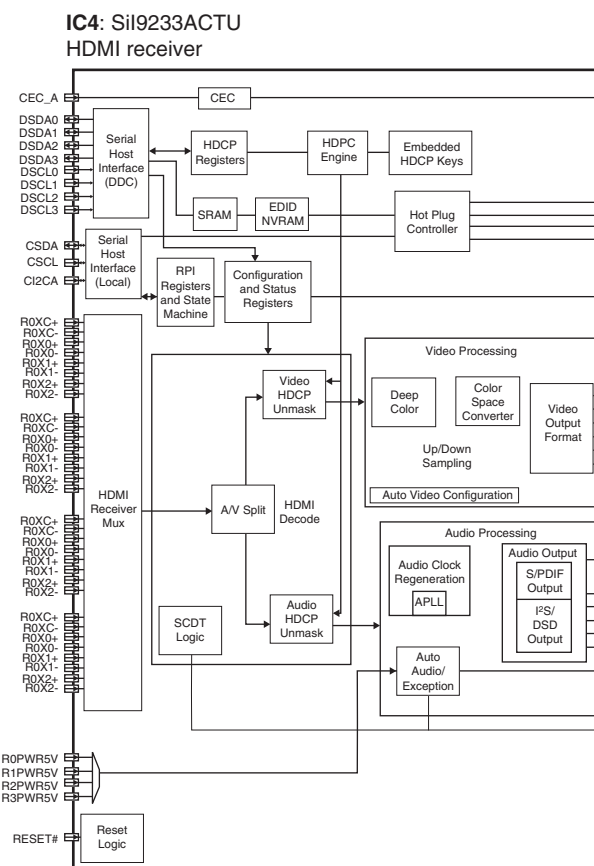
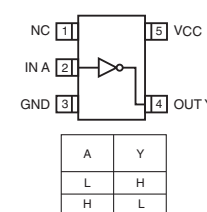




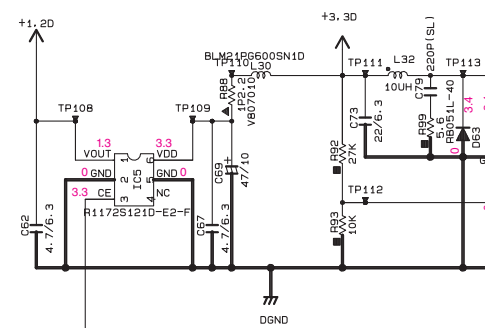
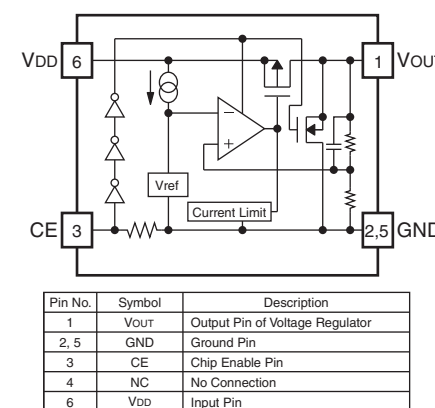
IC2: SN74LVC245APWR
Octal bus transceivers with 3-state outputs



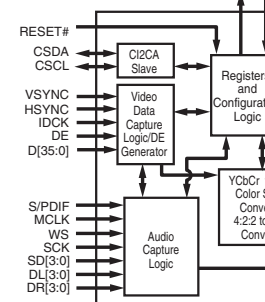
IC3: TC7SH04FU-TE85L
Inverter



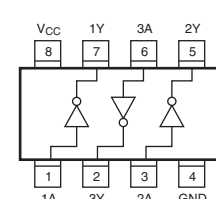
IC5: R1172S121D-E2-F
Voltage regulator



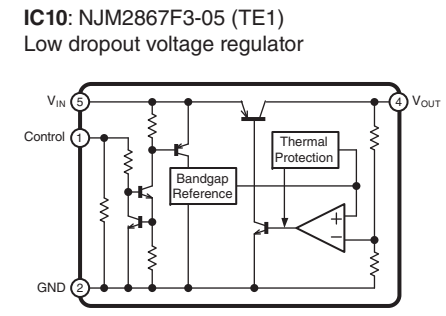
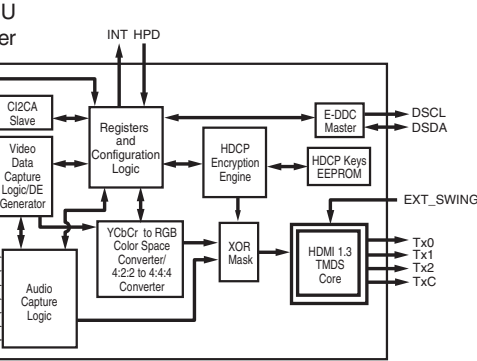
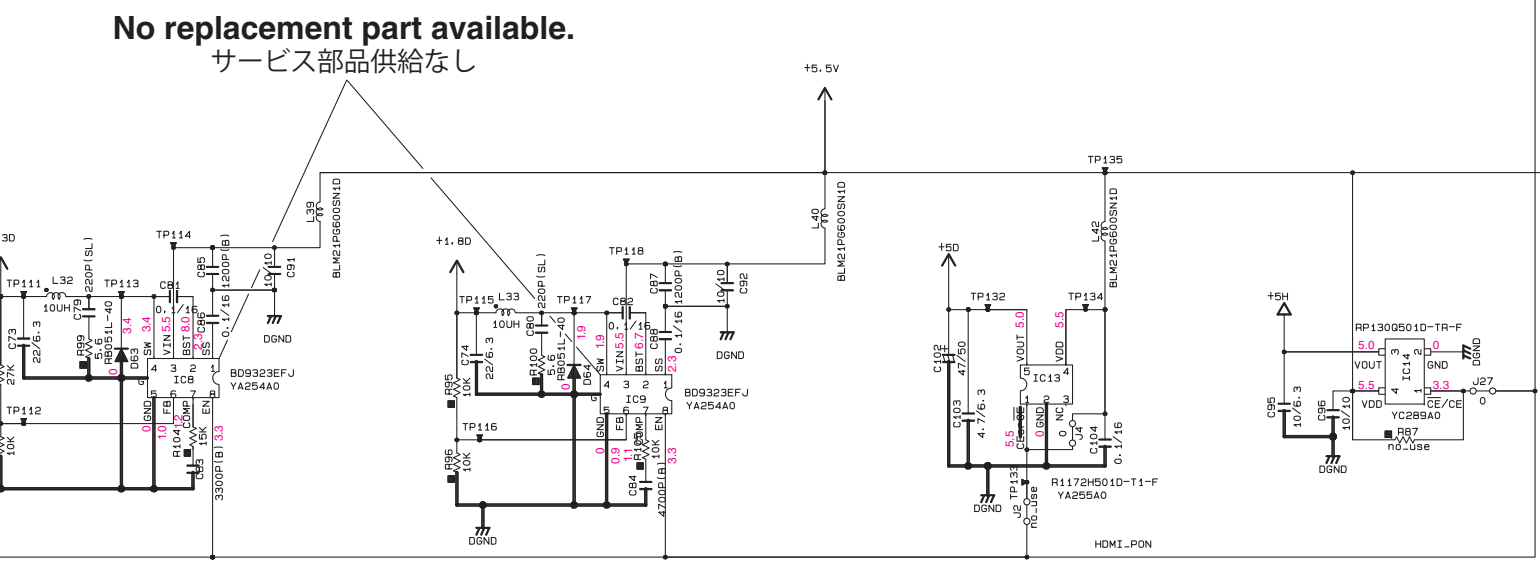
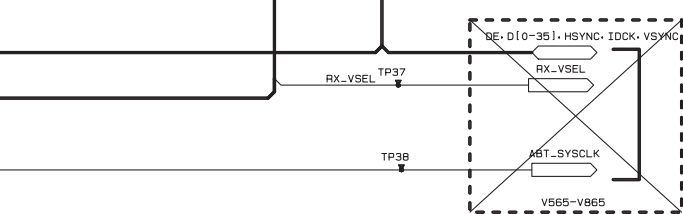
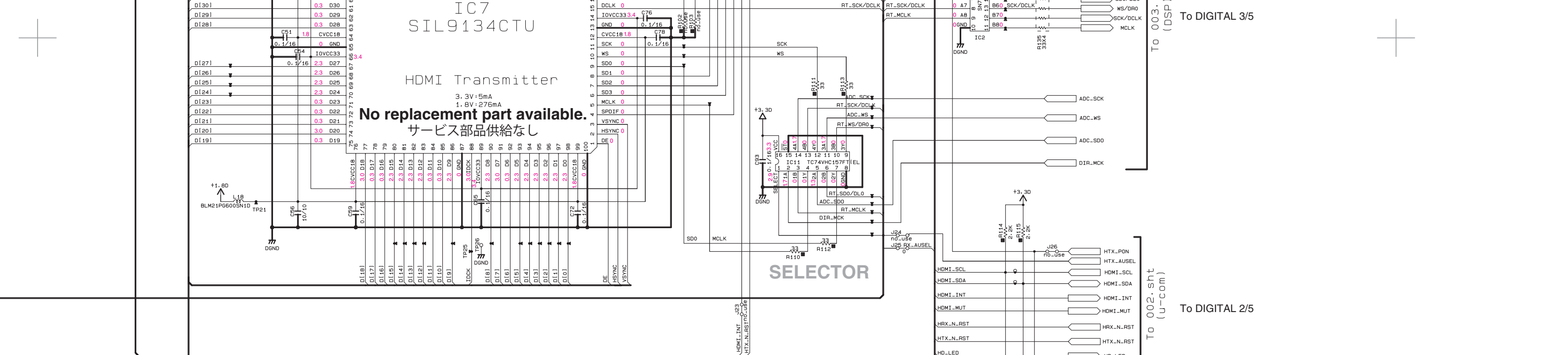
IC7: Sil9134CTU
HDMI transmitter



IC6: TC7WHU04FU
Triple inverter



A	B
C	D



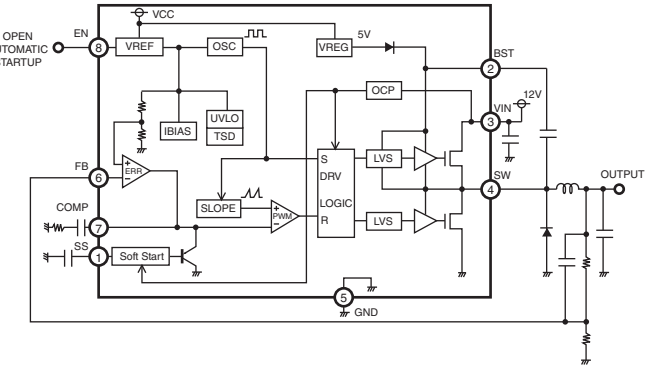
TC74VHC157FT

Vcc: 2.0 - 5.5V
V1H: > 0.7*Vcc
V1L: < 0.3*Vcc

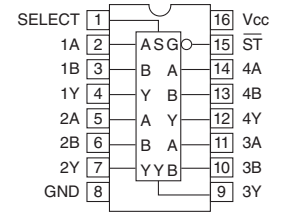
/ST SEL I=0

L	L	Y=A
L	H	Y=B
H	X	HIZ

IC8, 9: BD9323EFJ-E2
1-channel step down DC/DC converter



IC11: TC74VHC157FT
Quad 2-channel multiplexer



- ★ 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-V567/HTR-5063

DIGITAL 2/5

Page 98 H9
to OPERATION (1)_CB401

Page 100 K7
to MAIN (5)_CB157

Page 101 K8
to MAIN (1)_CB156

Page 104 I9
to VIDEO (3)_CB382

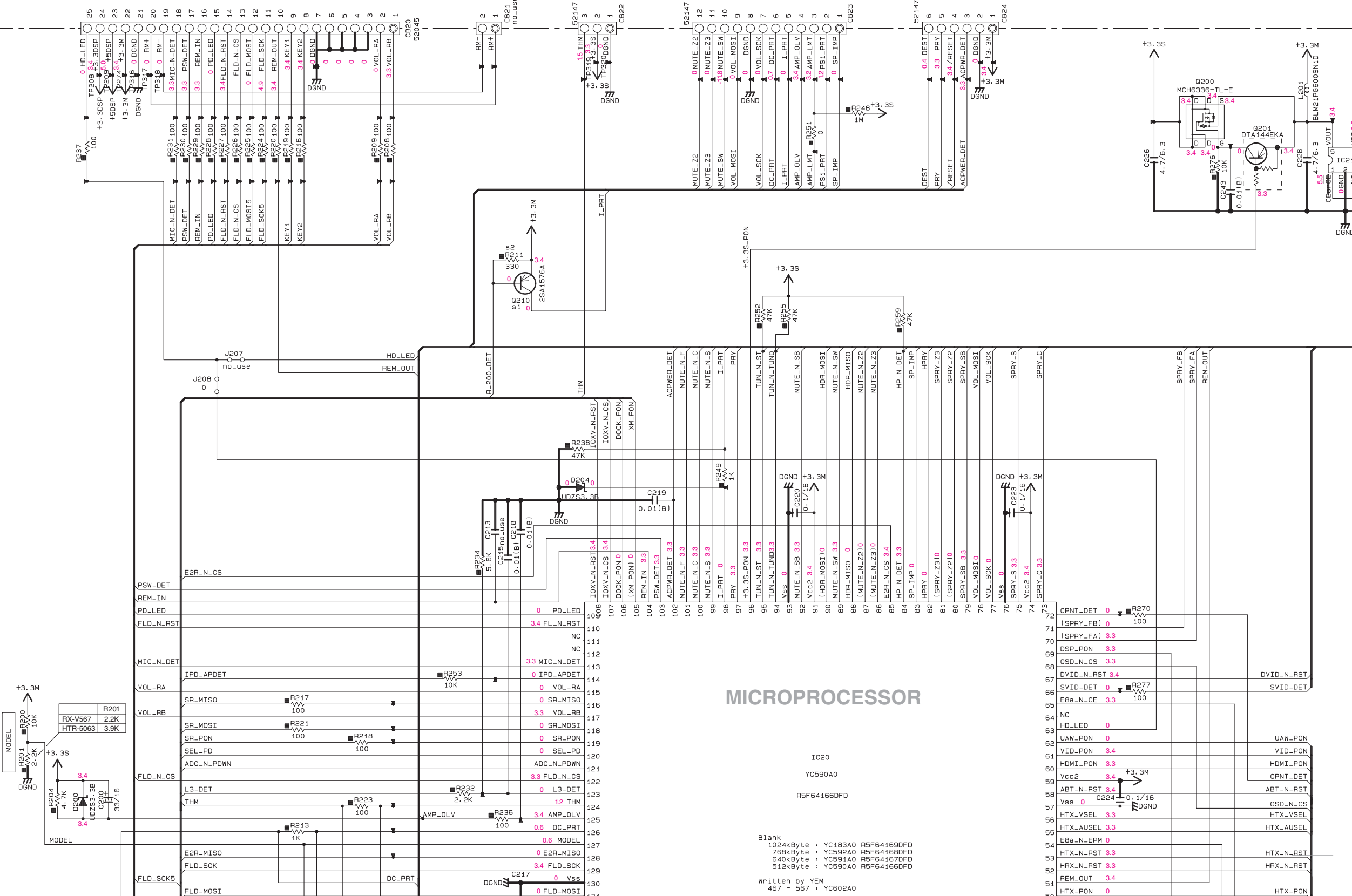
to OPE(1)

to RMT

to THM

to MAIN

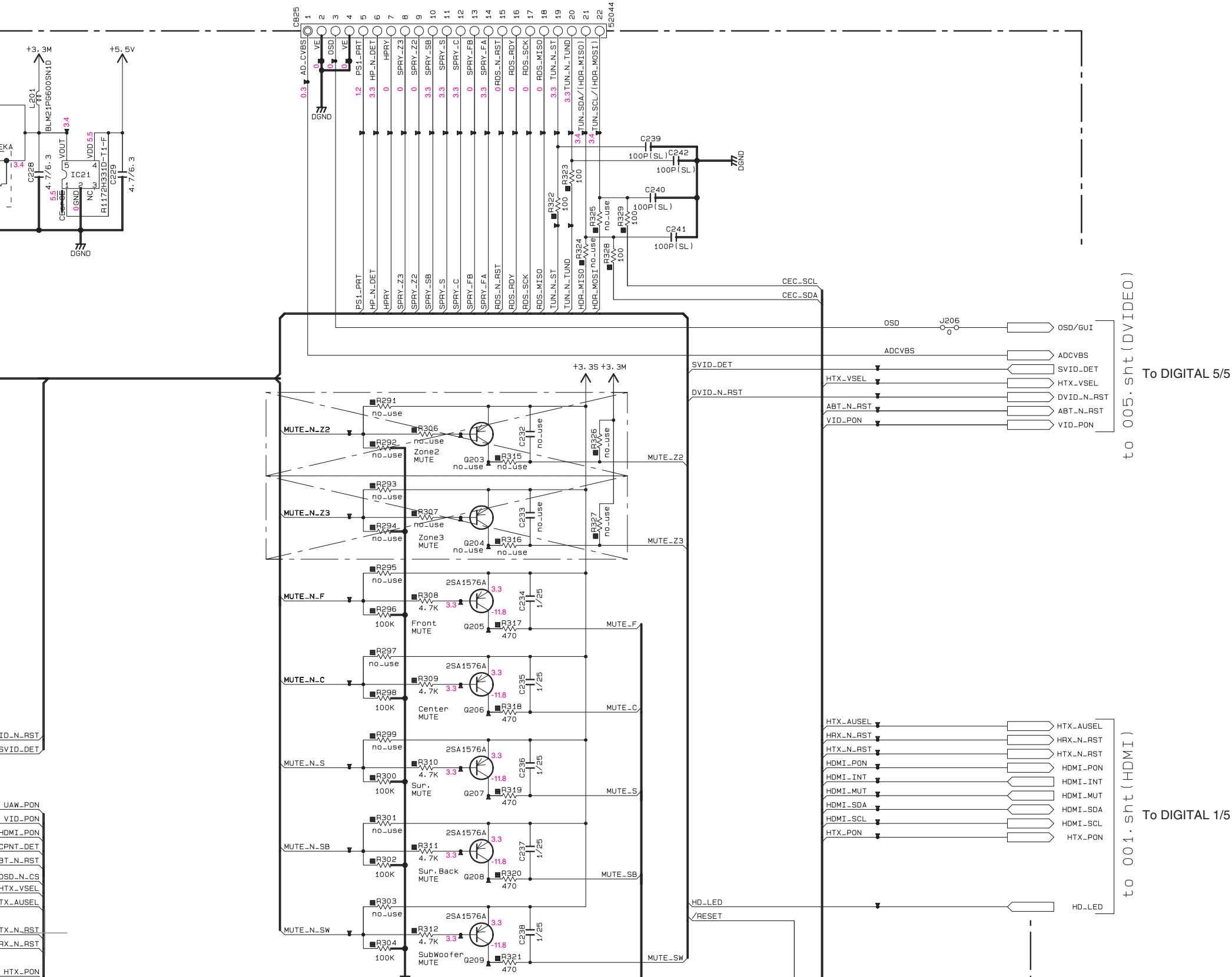
to SUB TR



A	B
C	D

Page 103 G8
to VIDEO (1)_CB349

to VIDEO



6

7

8

9

10

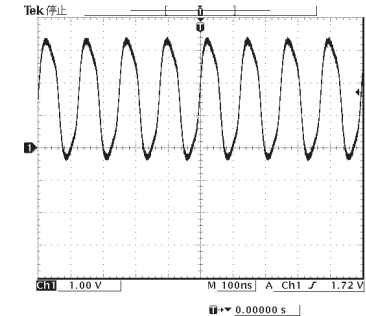
94

RX-V567/HTR-5063

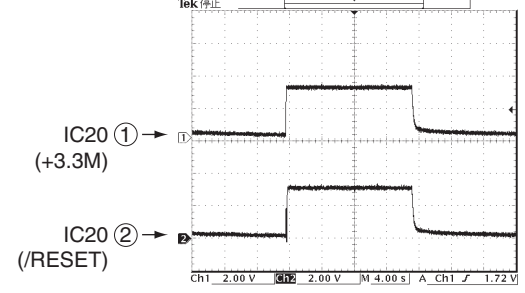
A	B
C	D

DIGITAL 2/5

POINT ⑧ XL20 (Pin 20 of IC20)

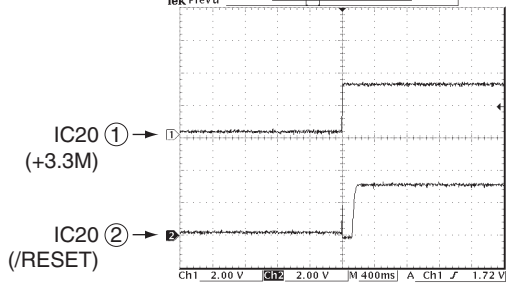


POINT ③ ①/ IC20 (143 pin, +3.3M), ②/ IC20 (19 pin, /RESET)



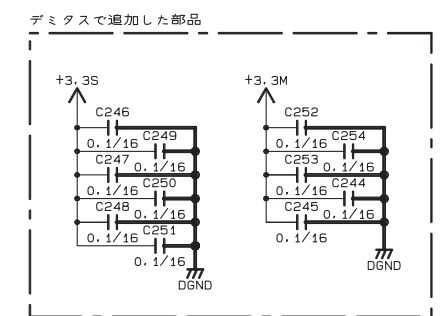
AC POWER ON (Connect the power cable) AC POWER OFF (Disconnect the power cable)

POINT ③ ①/ IC20 (143 pin, +3.3M), ②/ IC20 (19 pin, /RESET)



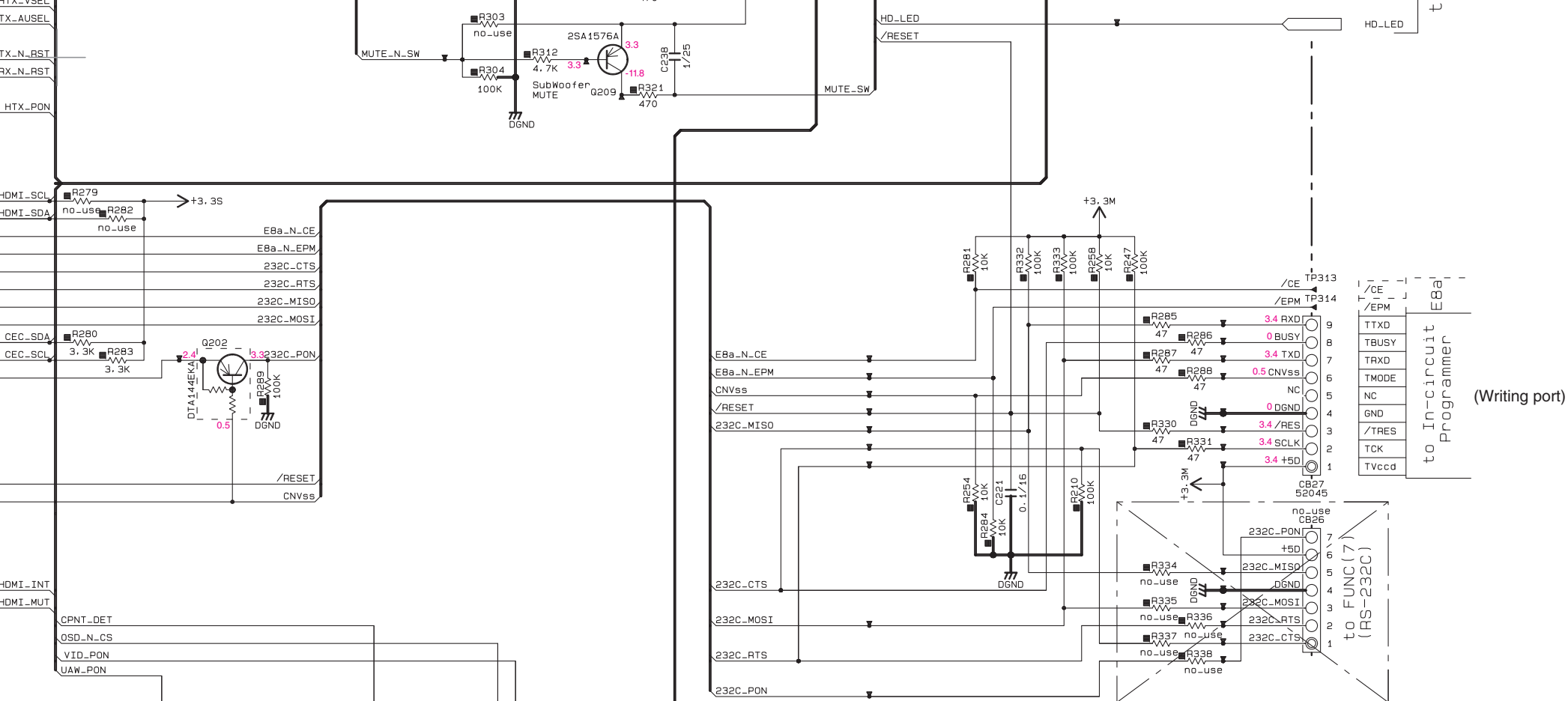
AC POWER ON (Connect the power cable)

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

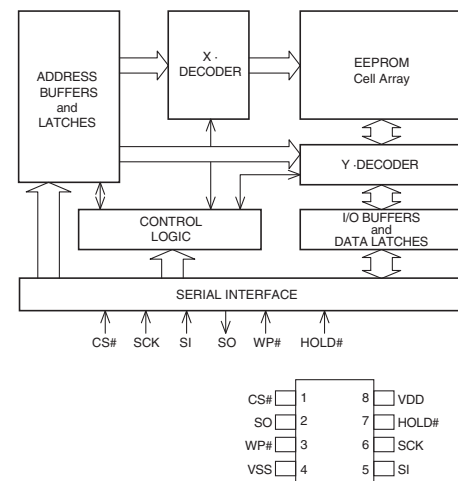


to 003.sht (DSP)

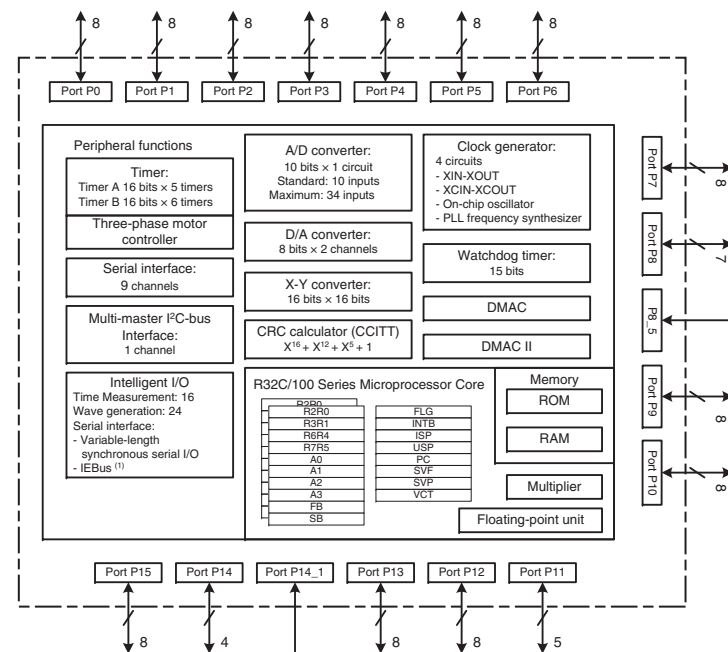
To DIGITAL 3/5



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

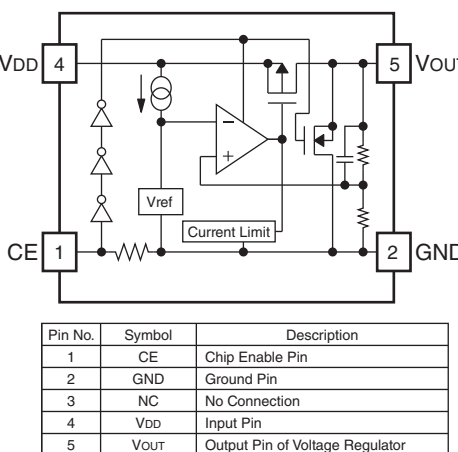


IC20: R5F64166DFD
Single chip 32-bit microprocessor



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

IC21: R1172H331D-T1-F
Voltage regulator



To DIGITAL 4/5

- ★ 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。

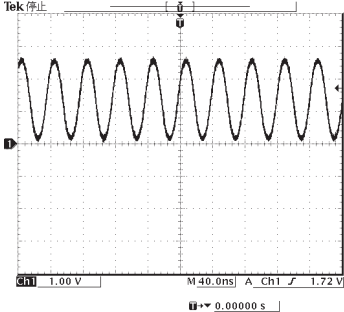
A	B
C	D

DIGITAL 3/5

DOCK

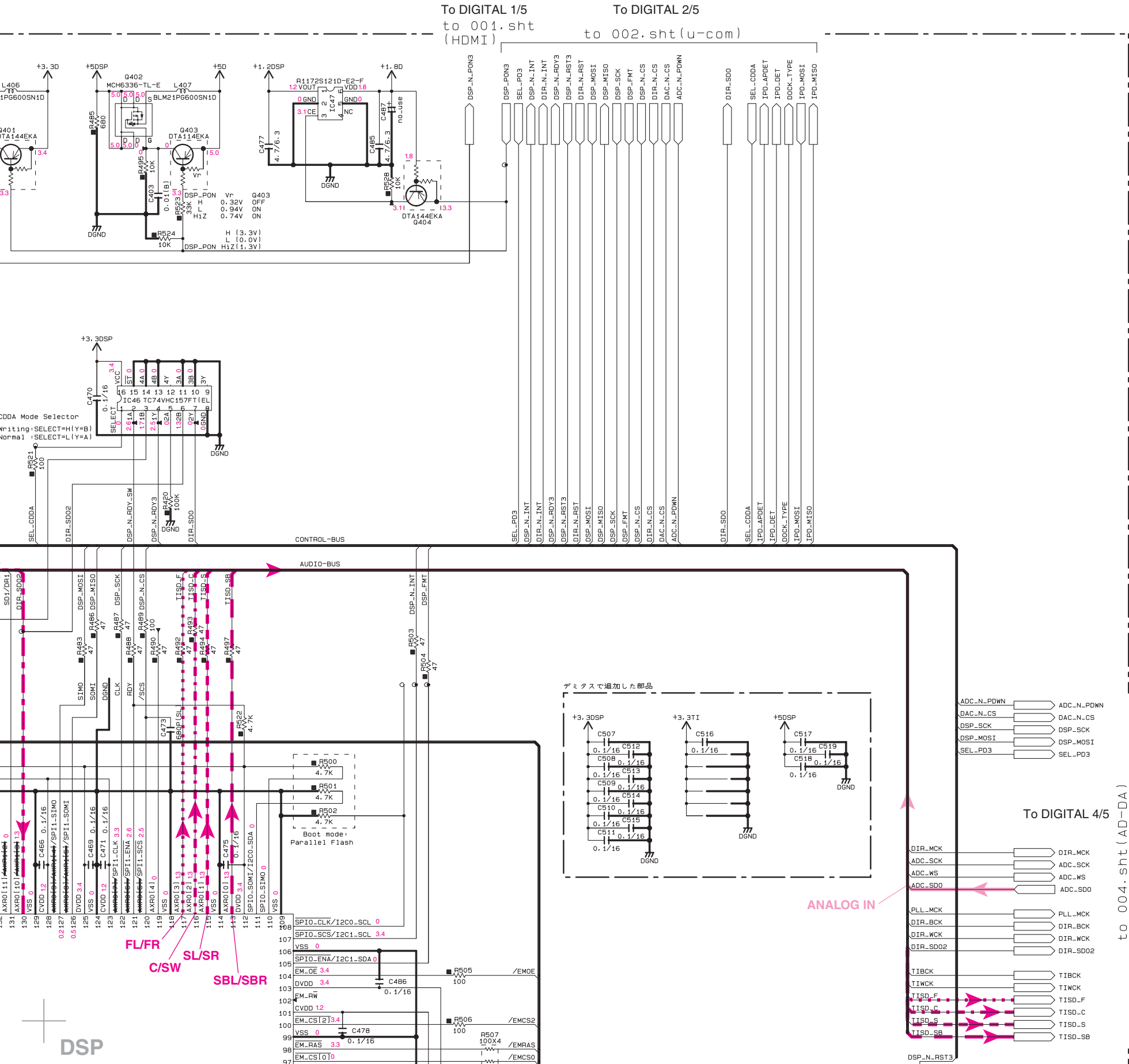
No replacement part available.
サービス部品供給なし

POINT ㊦ XL42 (Pin 29 of IC41)



To DIGITAL 4/5
to 004.sht (AD-DA)

A	B
C	D



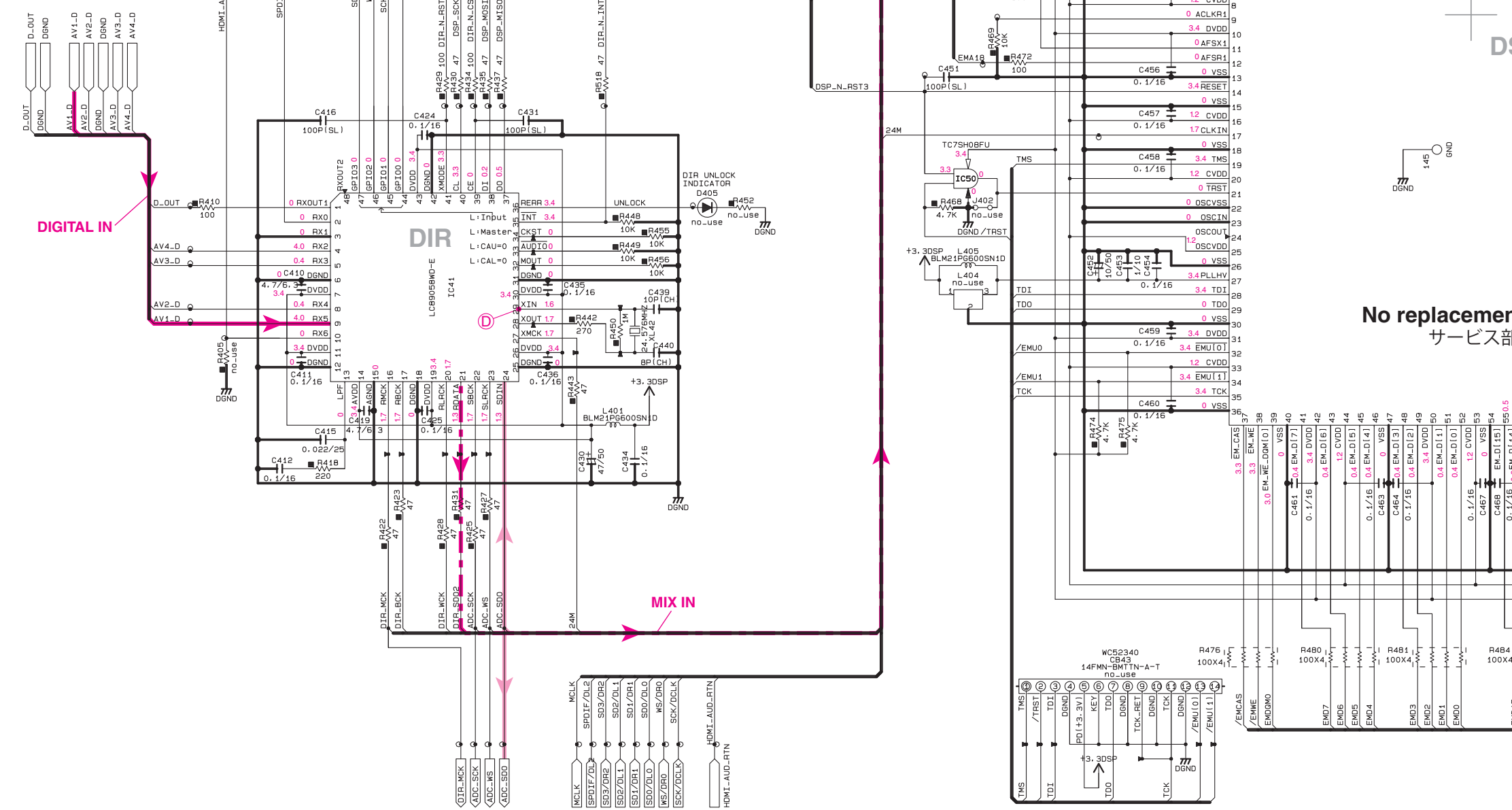
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⌀
⊗	TANTALUM CAPACITOR	⌀
NO MARK	CERAMIC CAPACITOR	⌀
⊙	CERAMIC TUBULAR CAPACITOR	⌀
⊖	POLYESTER FILM CAPACITOR	⌀
○	POLYSTYRENE FILM CAPACITOR	⌀
①	MICA CAPACITOR	⌀
⊕	POLYPROPYLENE FILM CAPACITOR	⌀
⊗	SEMICONDUCTIVE CERAMIC CAPACITOR	⌀
⊙	POLYPHENYLENE SULFIDE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

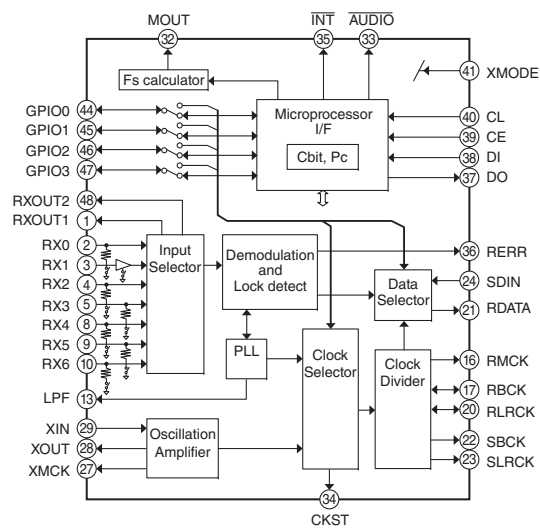
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA

to 004.sht(AD-DA)

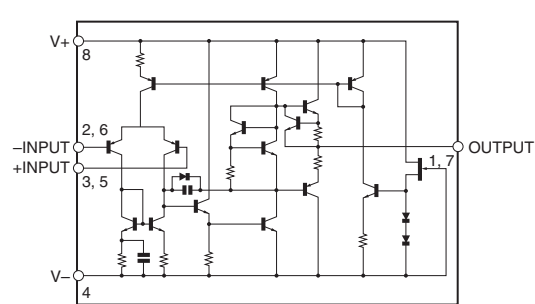


to 001.sht(HDMI)
To DIGITAL 1/5

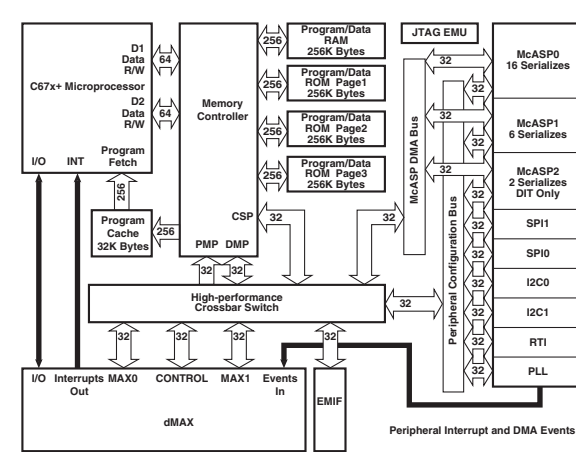
IC41: LC89058WD-E
Digital audio interface receiver



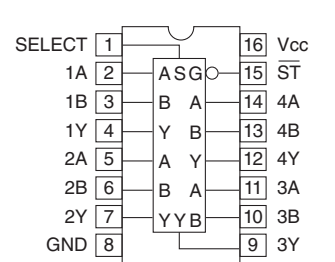
IC43: NJM4565M (TE1)
Dual operational amplifier



IC44: D70YE101BRFP266
Floating-point digital signal processors



IC46: TC74VHC157FT
Quad 2-channel multiplexer



RX-V567/HTR-5063

A	B
C	D

DIGITAL 3/5

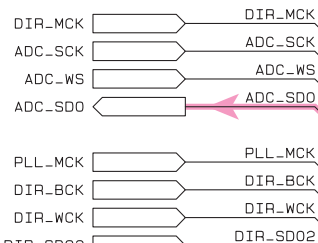
DIGITAL 4/5

2

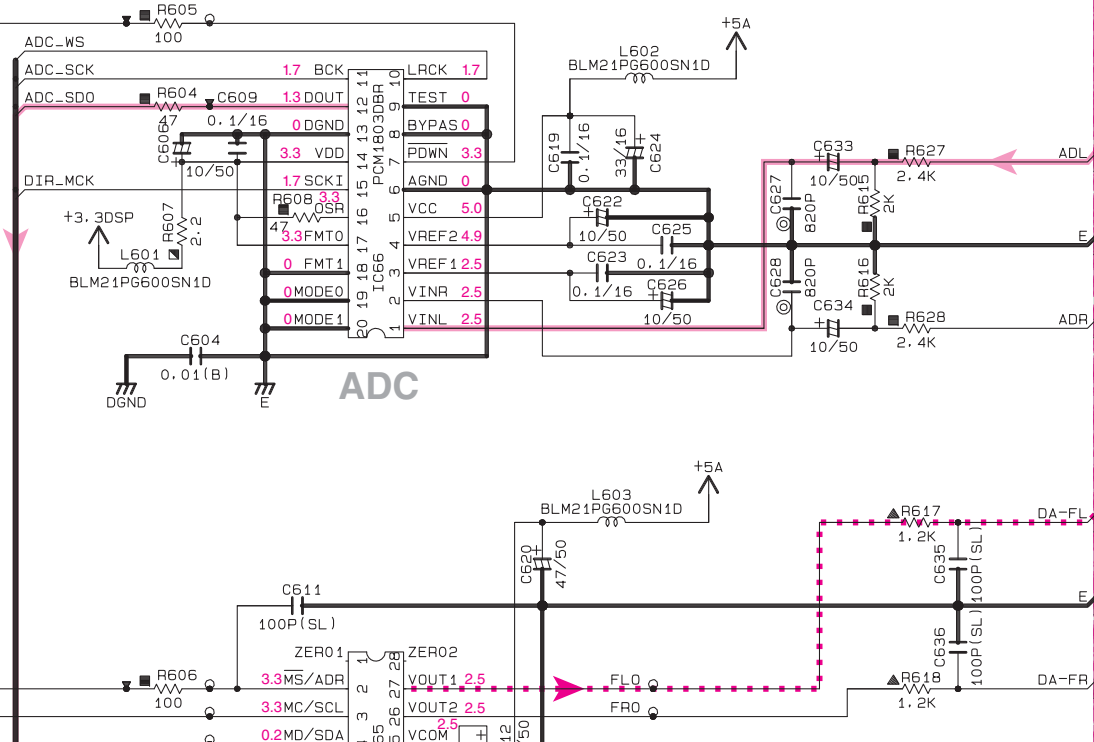
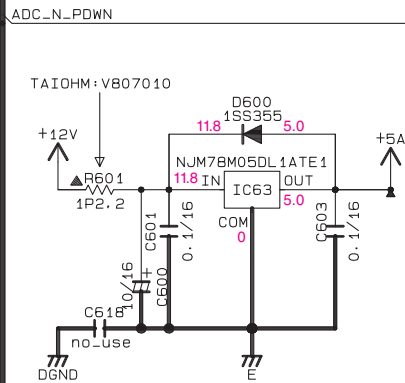
3

4

5



```
to 003.sht(DSP)
```



TO DIGITAL 2/5

```
02.sht(u-com)
```

ANALOG IN

NT L

TER

FER

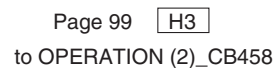
ND L

OUND

K L

to 003.sht(DSP)

ADL
ADR
E
DA-FL
DA-FP
DA-C
E
DA-SW
DA-SL
DA-SF
E
DA-SB
DA-SB
E



Destination Part List				
sXX	LOC	JUCTION	R	BGF
s1	Q210	X	VR93630 2SA1576A	X
s2	R211	X	RD35533 330	X
s3	R241 R243 R242 R240	X	X	RD35510 100
s90	CB73	X	X	VQ04410 52044
s91	R705 J707 R703	X	X	RD35000 0
s92	R709 R707	RD35000 0	RD35000 0	X
s93	R808	RD35810 100K	RD35810 100K	RD35633 3.3K
s94	R819	X	X	RD35618 1.8K

The circuit diagram shows a 4-bit parallel adder implemented using two 74181 4-bit ALUs and one 74180 4-bit majority gate. The 74181 ICs are configured to perform the addition of two 4-bit numbers. The inputs to the 74181s are connected to the 74180, which generates carry signals. The final sum is taken from the output of the second 74181, and the carry-out is taken from the output of the 74180. The circuit is powered by a 5V supply and includes decoupling capacitors.

- ★ 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。

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	
Ⓟ	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

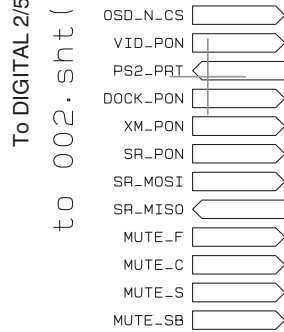
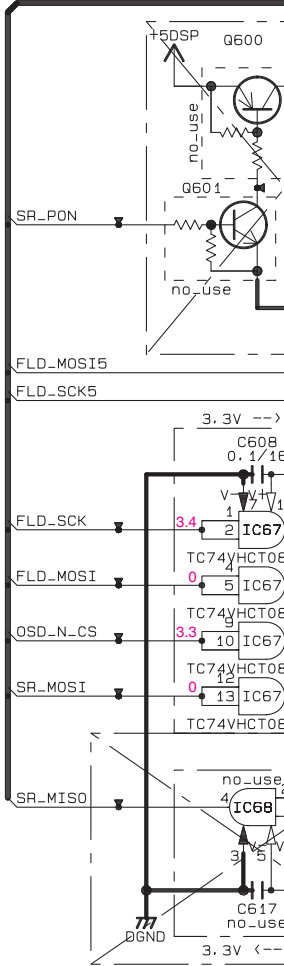
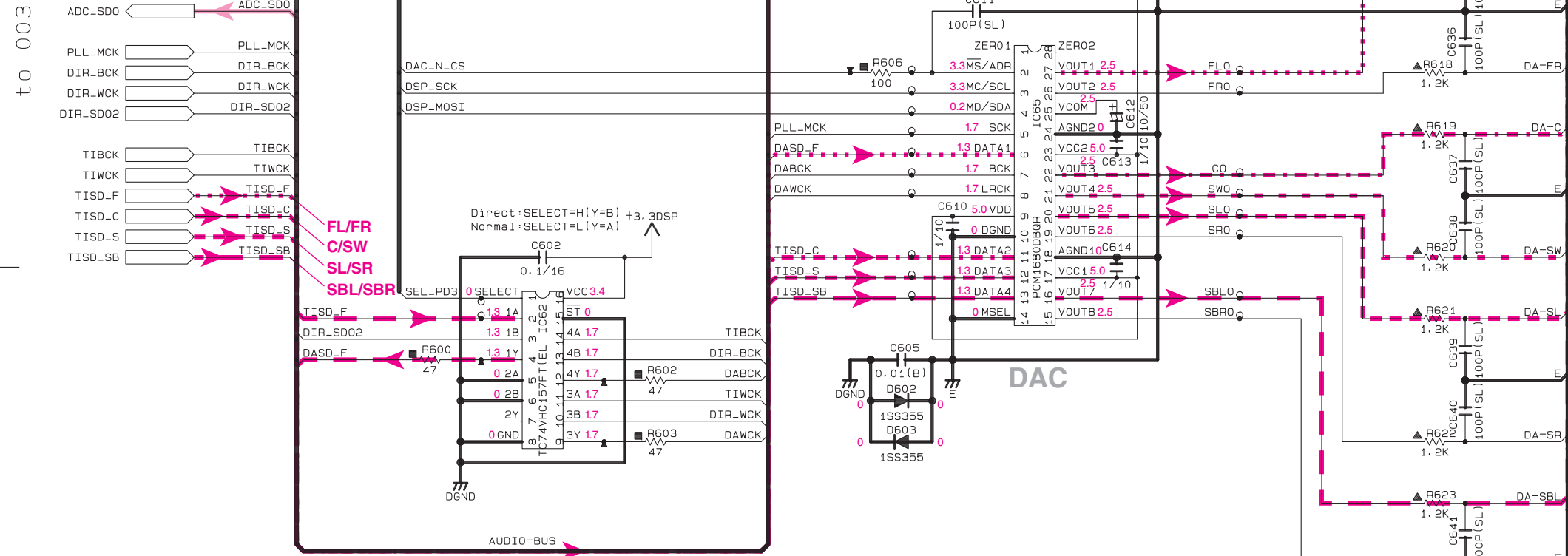
(L)..... SINGAPORE

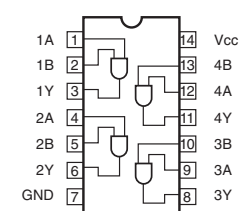
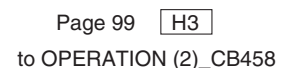
(E)..... SOUTH EUROPE

(V)..... TAIWAN

(F)..... RUSSIAN

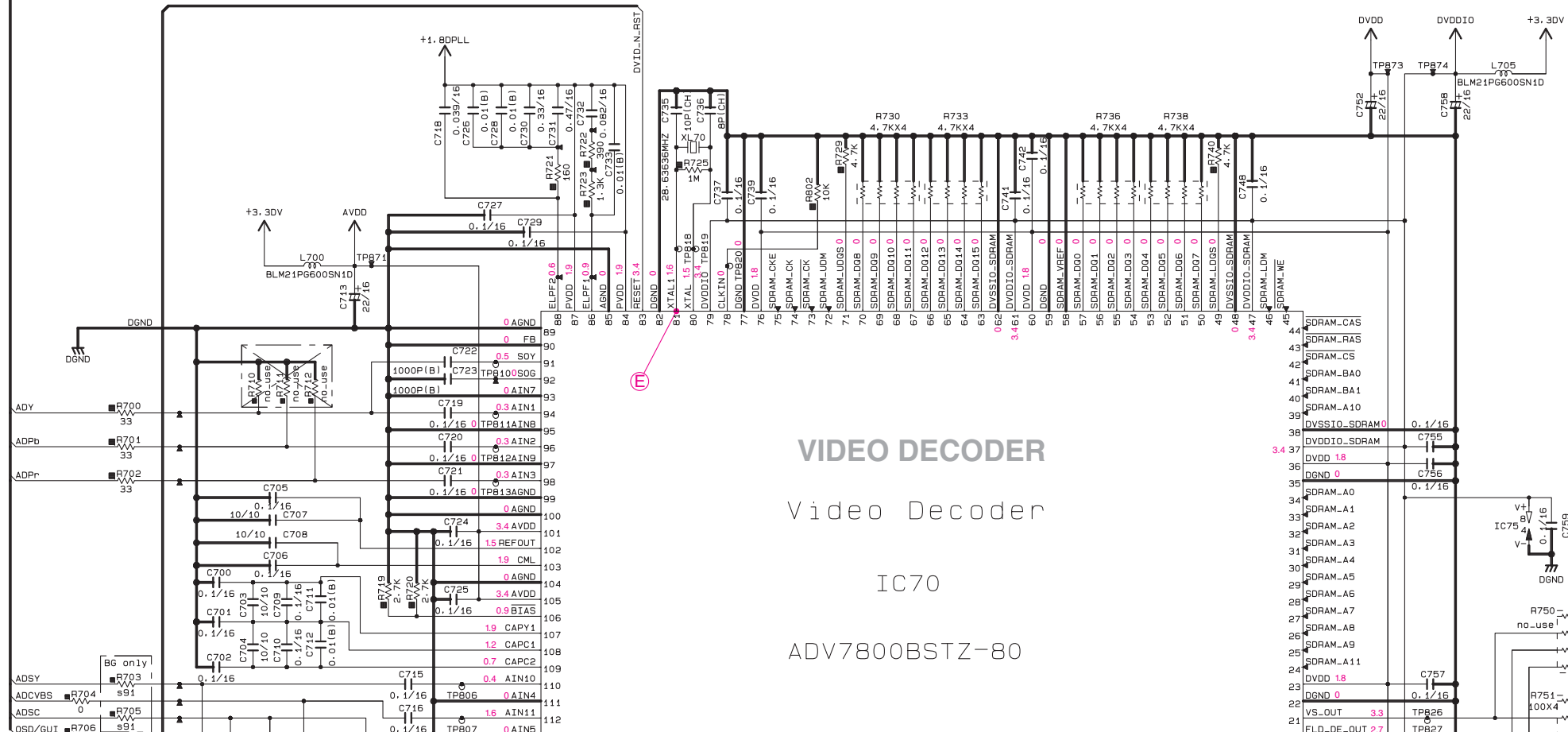
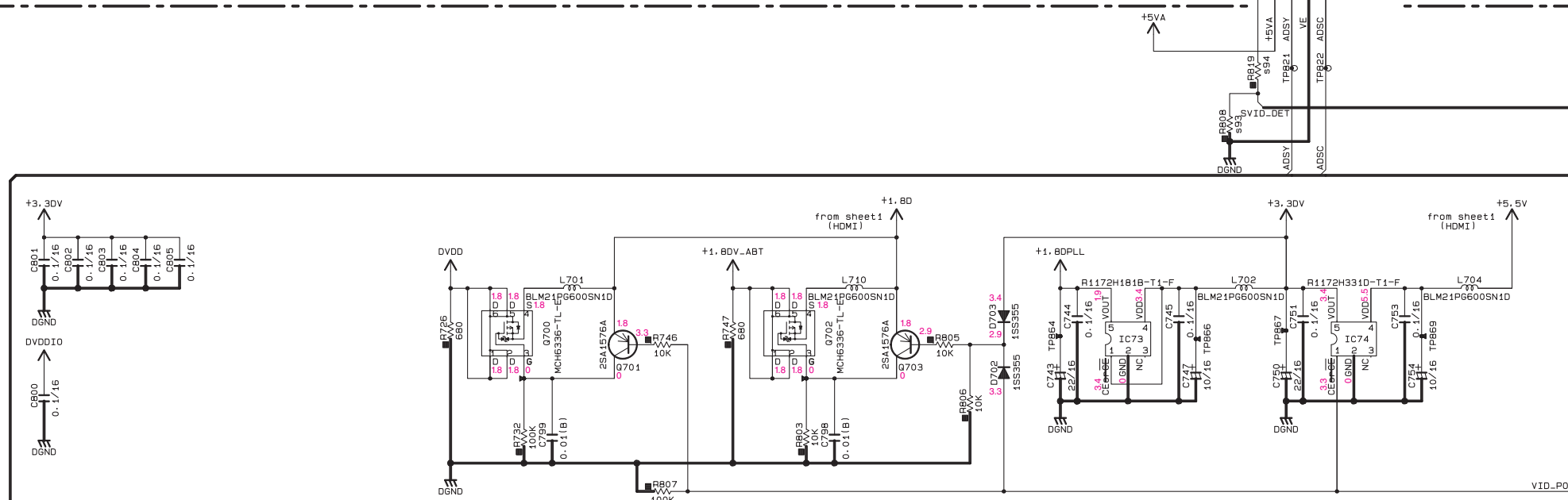
(P)..... LATIN AMERICA





to VIDEO (9)_CB391
(B, G, F models)

```
to VIDEO(10)
```



ADV7800BSTZ-80



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

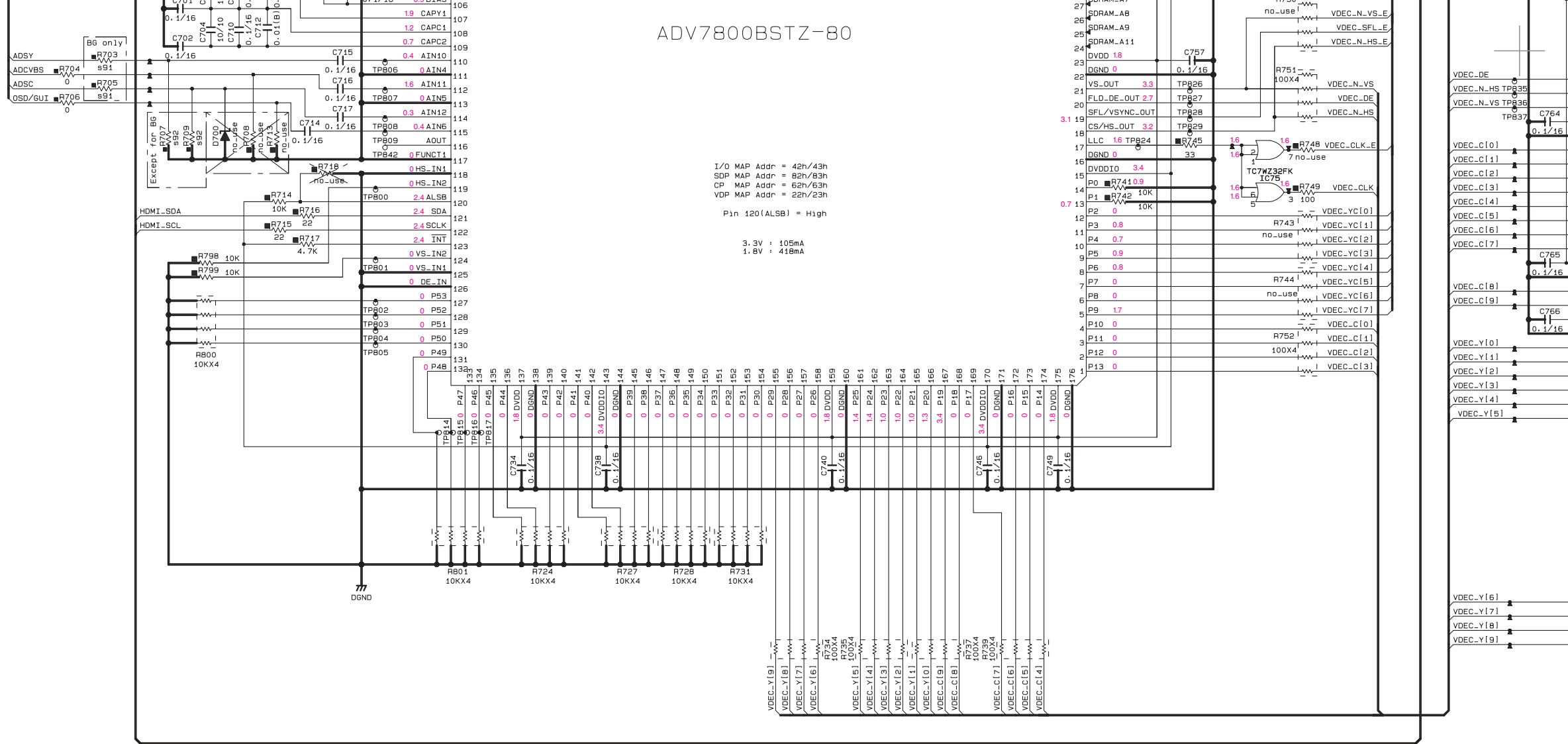
```
NOTICE (model)
(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
```



6

7

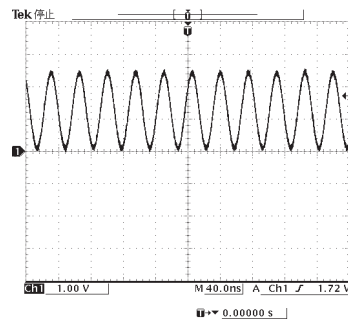
8



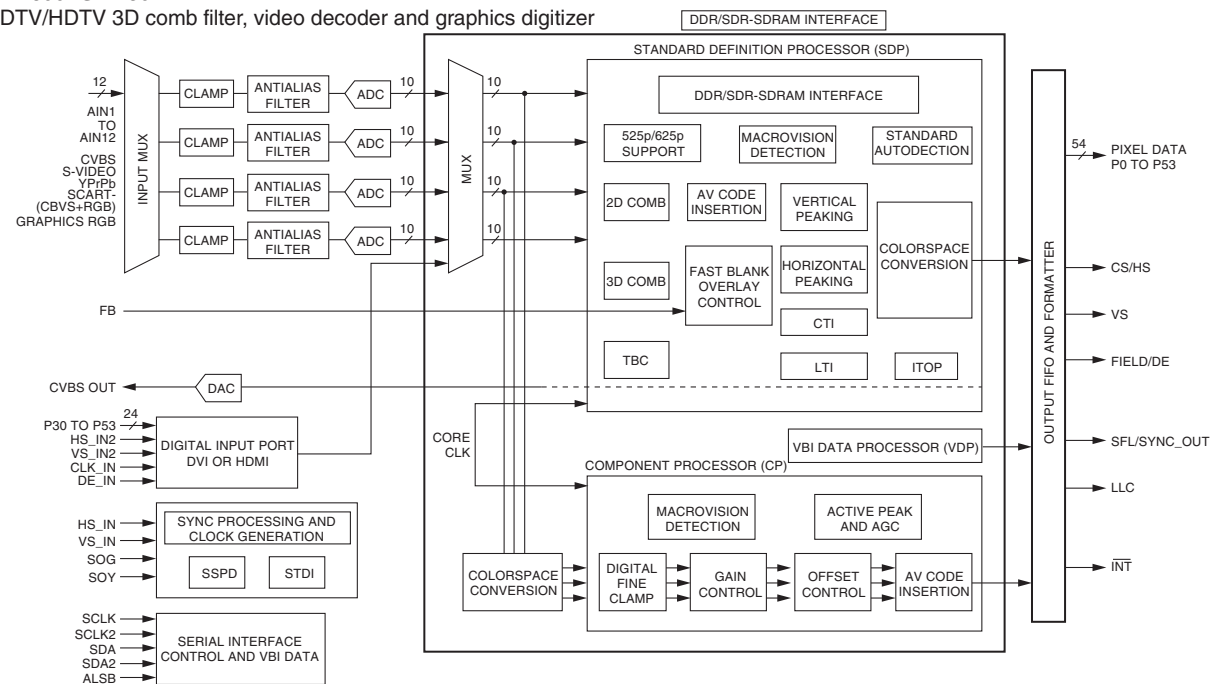
9

10

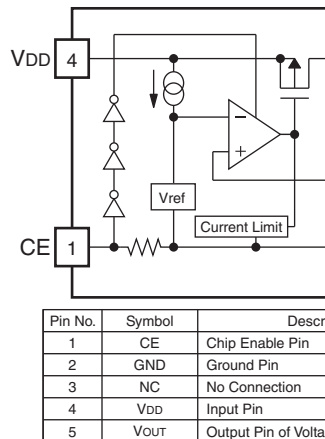
POINT ⑤ XL70 (Pin 81 of IC70)



IC70: ADV7800BSTZ-80
10-bit, SDTV/HDTV 3D comb filter, video decoder and graphics digitizer



IC73: R1172H181B-T1-F
Voltage regulator

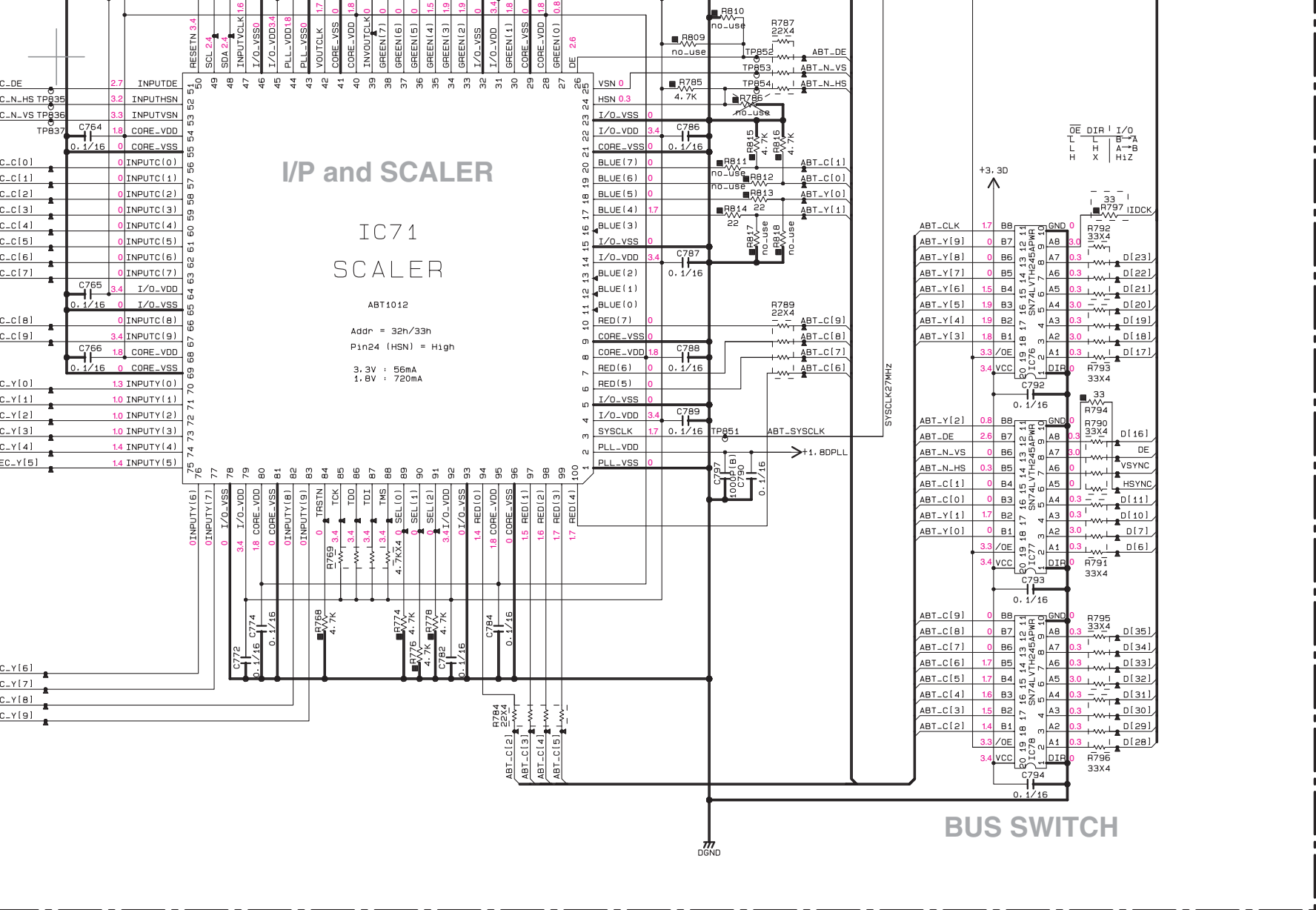


RX-V567/HTR-5063

A	B
C	D

DIGITAL 5/5



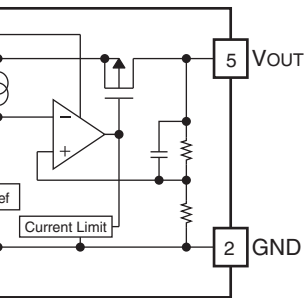


DVIDEO

CB/IC/XL: 70 -84
OTHER : 700-849

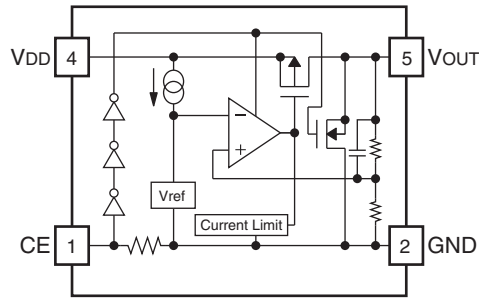
DIGITAL (5)

H181B-T1-F
lator



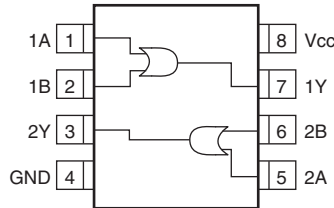
Description
Chip Enable Pin
Ground Pin
No Connection
Input Pin
Output Pin of Voltage Regulator

IC74: R117H2331D-T1-F
Voltage regulator



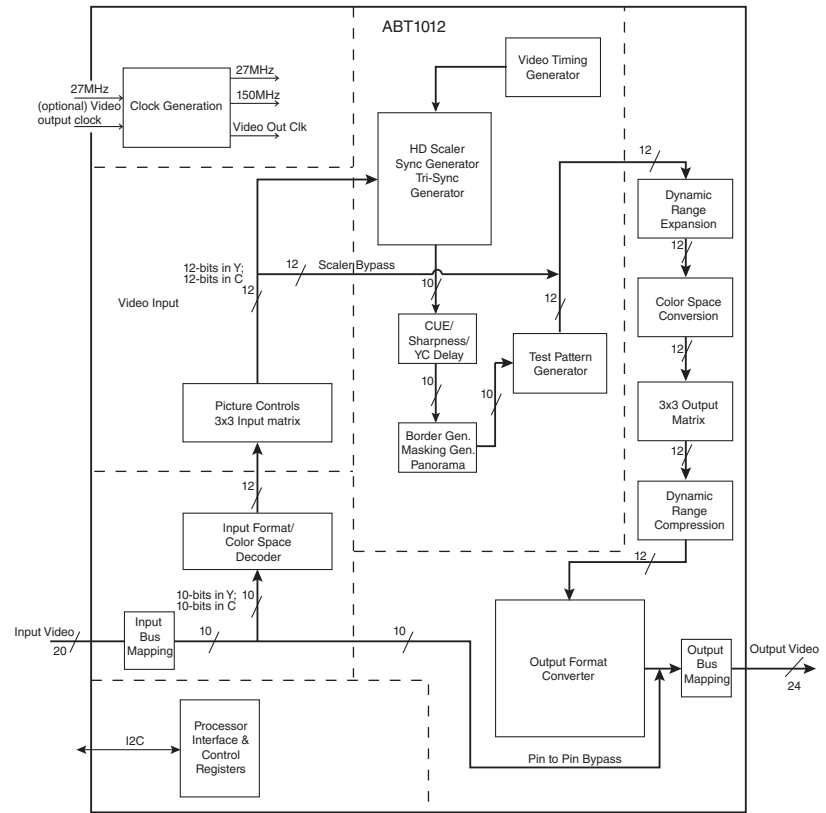
Pin No.	Symbol	Description
1	CE	Chip Enable Pin
2	GND	Ground Pin
3	NC	No Connection
4	VDD	Input Pin
5	VOUT	Output Pin of Voltage Regulator

IC75: TC7WZ32FK (TE85L, F)
Dual 2-input OR gate

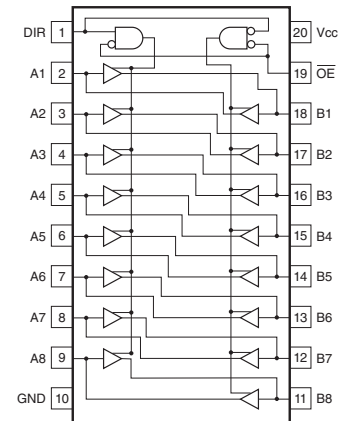


- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

IC71: ABT1012Q100
Advanced video processor device

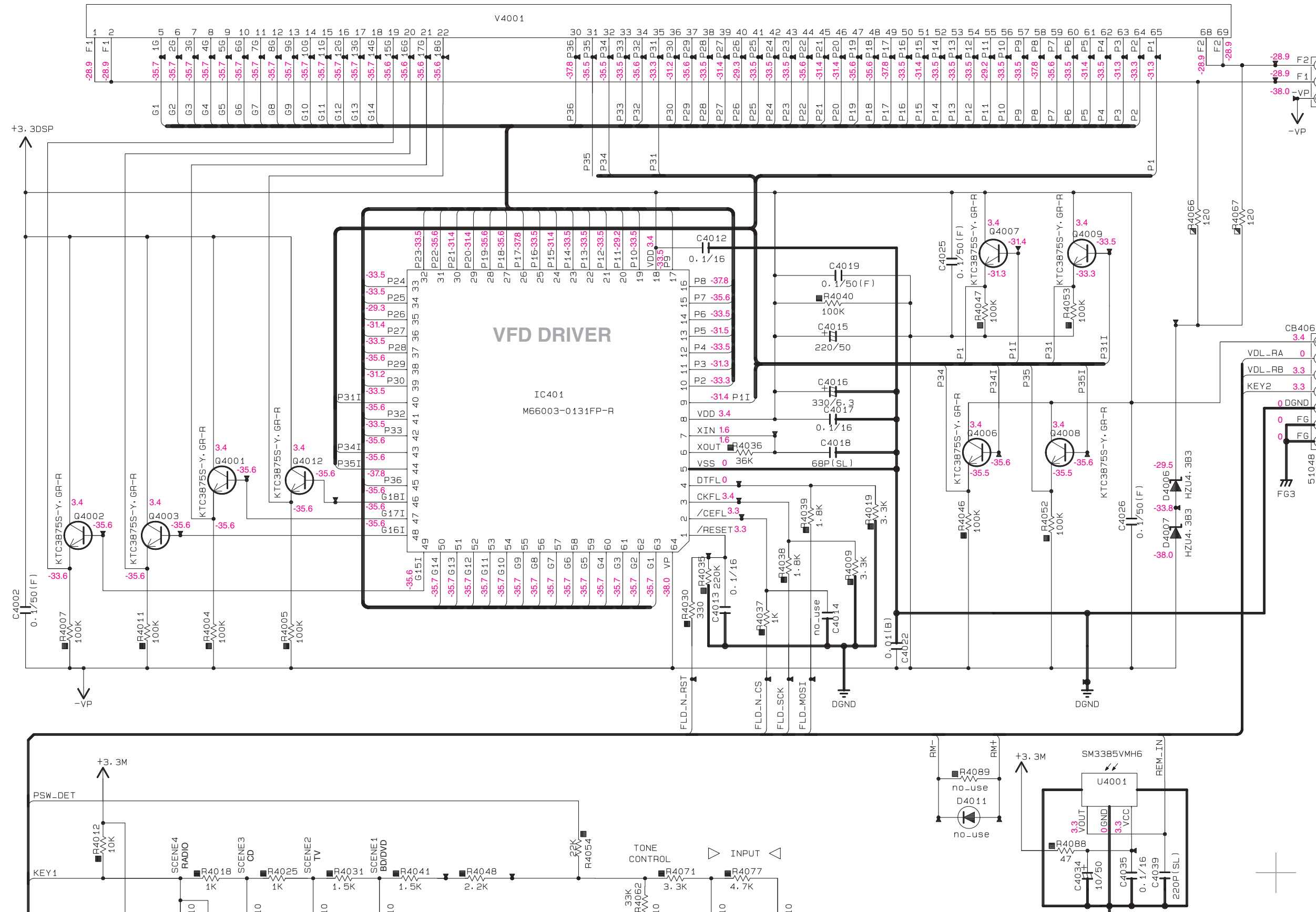


IC76-78: SN74LVTH245APW
3.3 V ABT octal bus transceivers with 3-state outputs

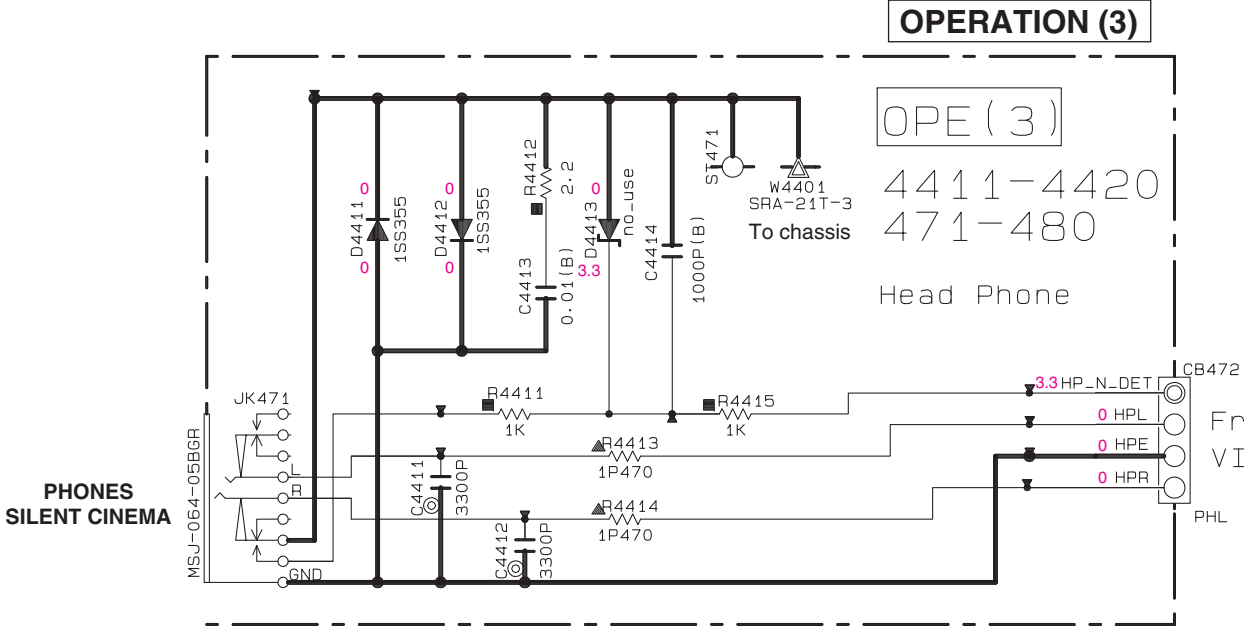
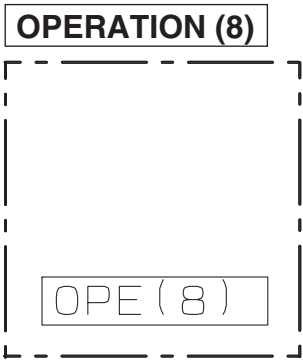
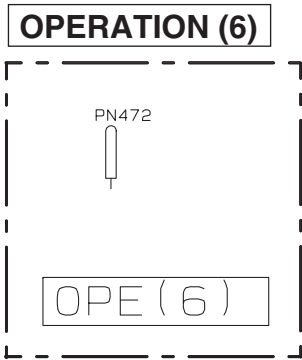
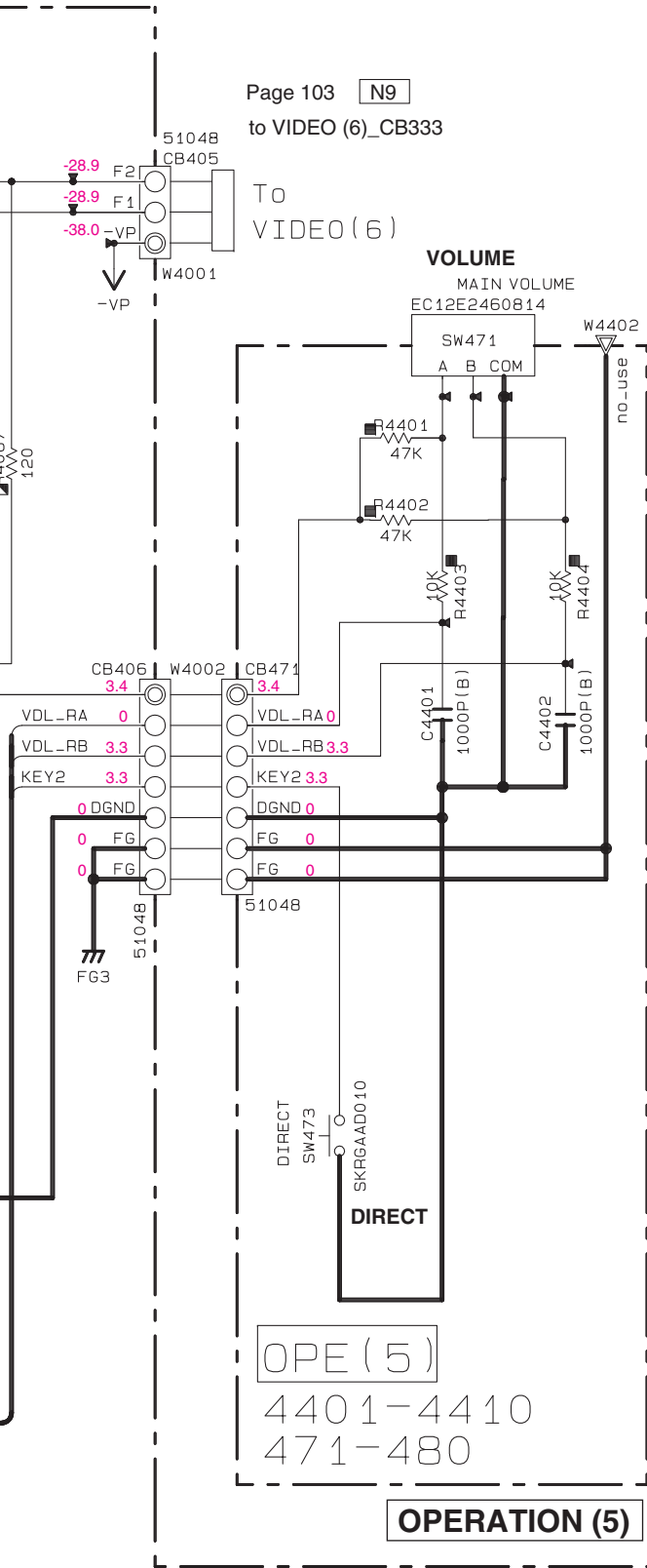


- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
- Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。

A	B
C	D



A	B
C	D



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	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR	
Ⓢ	POLYPHENYLENE SULFIDE FILM CAPACITOR	

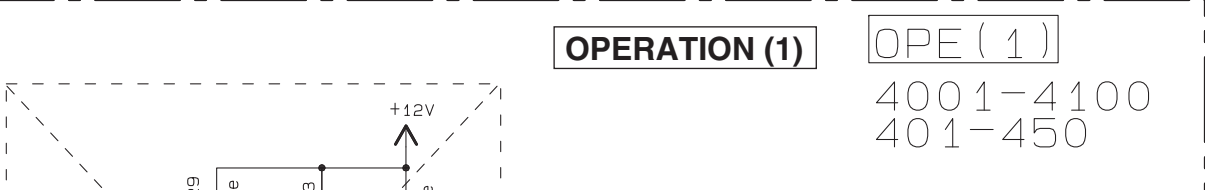
RESISTOR

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

Page 103 **B5**
to VIDEO (1)_W3401

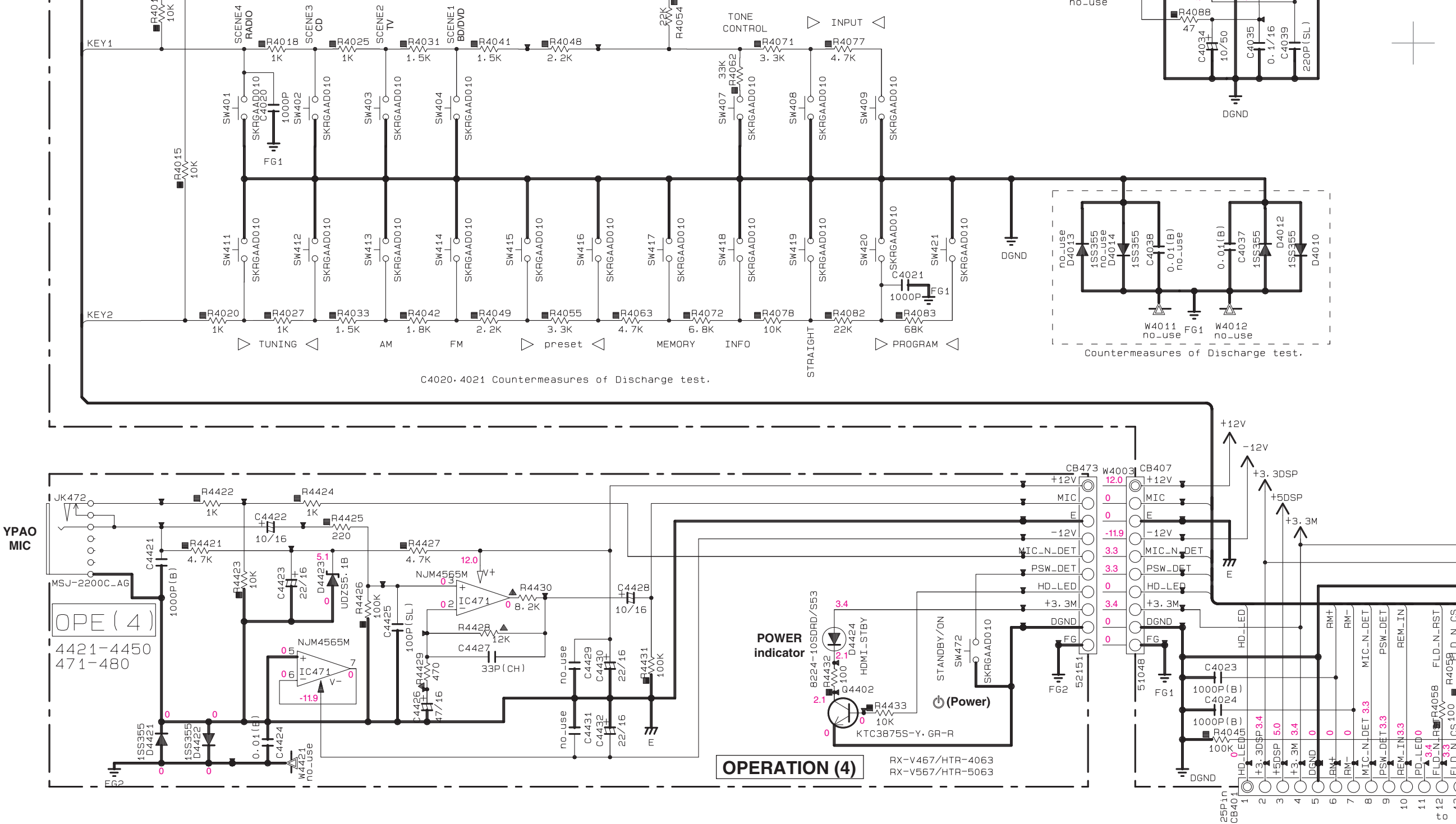


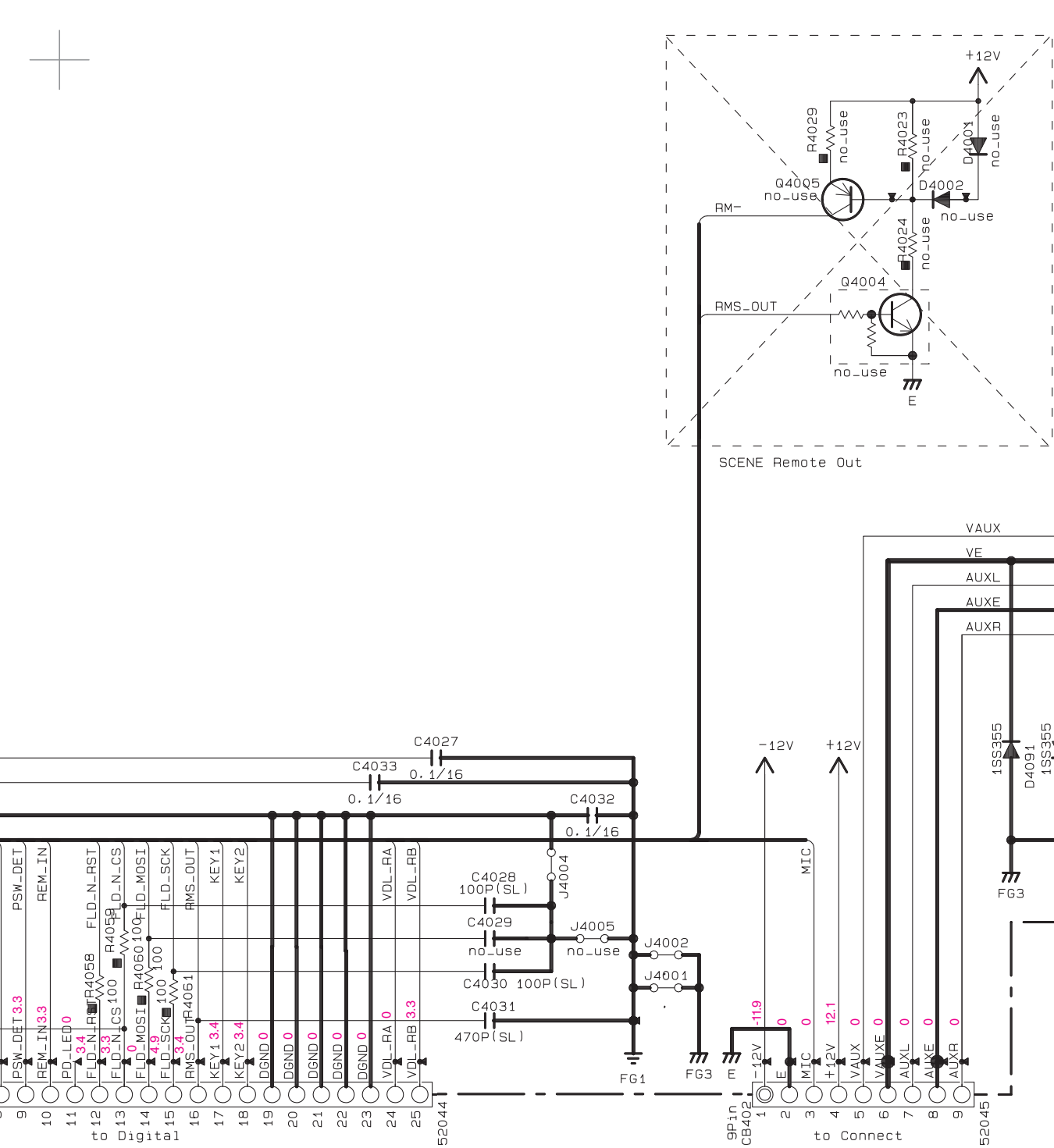
A	B
C	D

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 <



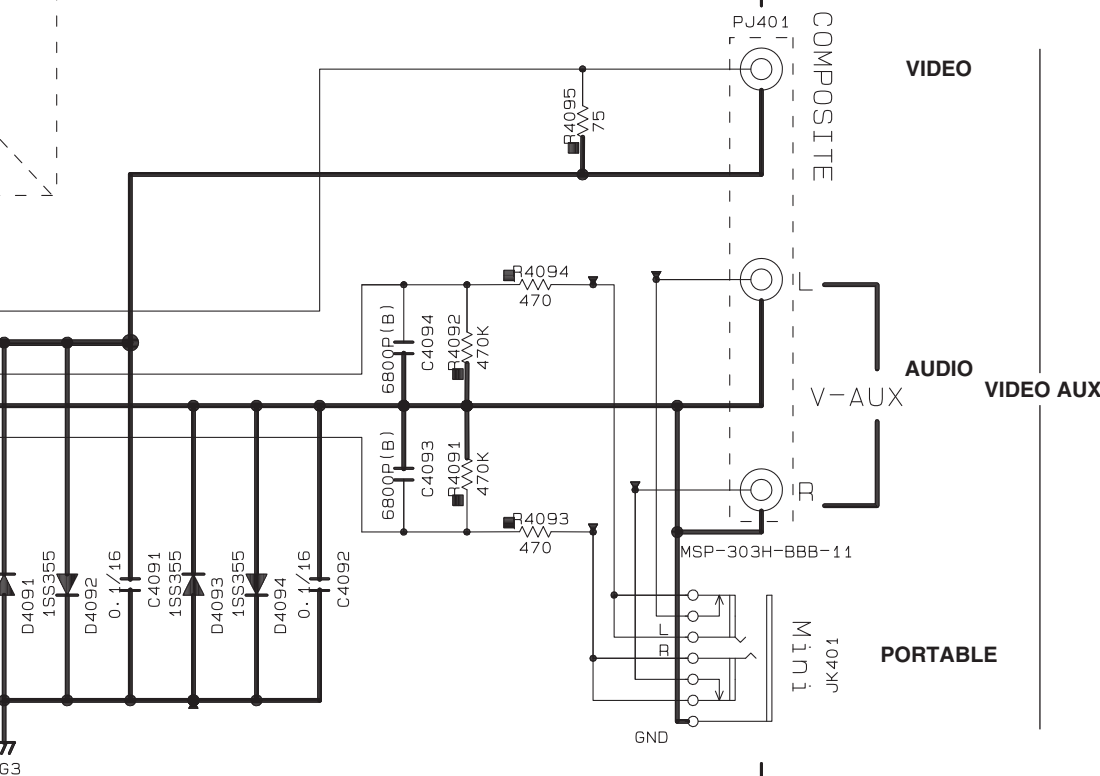


Page 94 **B2**
to DIGITAL_CB20

Page 99 **M6**
to OPERATION (2)_CB461

OPERATION (1)

4001-4100
401-450



IC401: M66003-0131FP-R
18 digit 5 x 7 segment VFD controller/driver

IC471: NJM4565M (TE1)
Dual operational amplifier

- ★ 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。

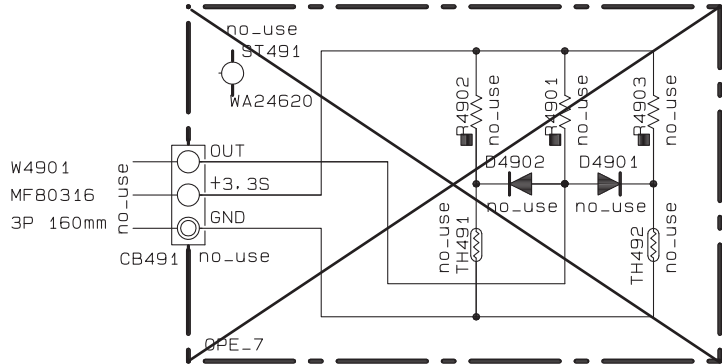
RX-V567/HTR-5063

A	B
C	D

OPERATION 1/2

A	B
C	D

OPERATION 2/2

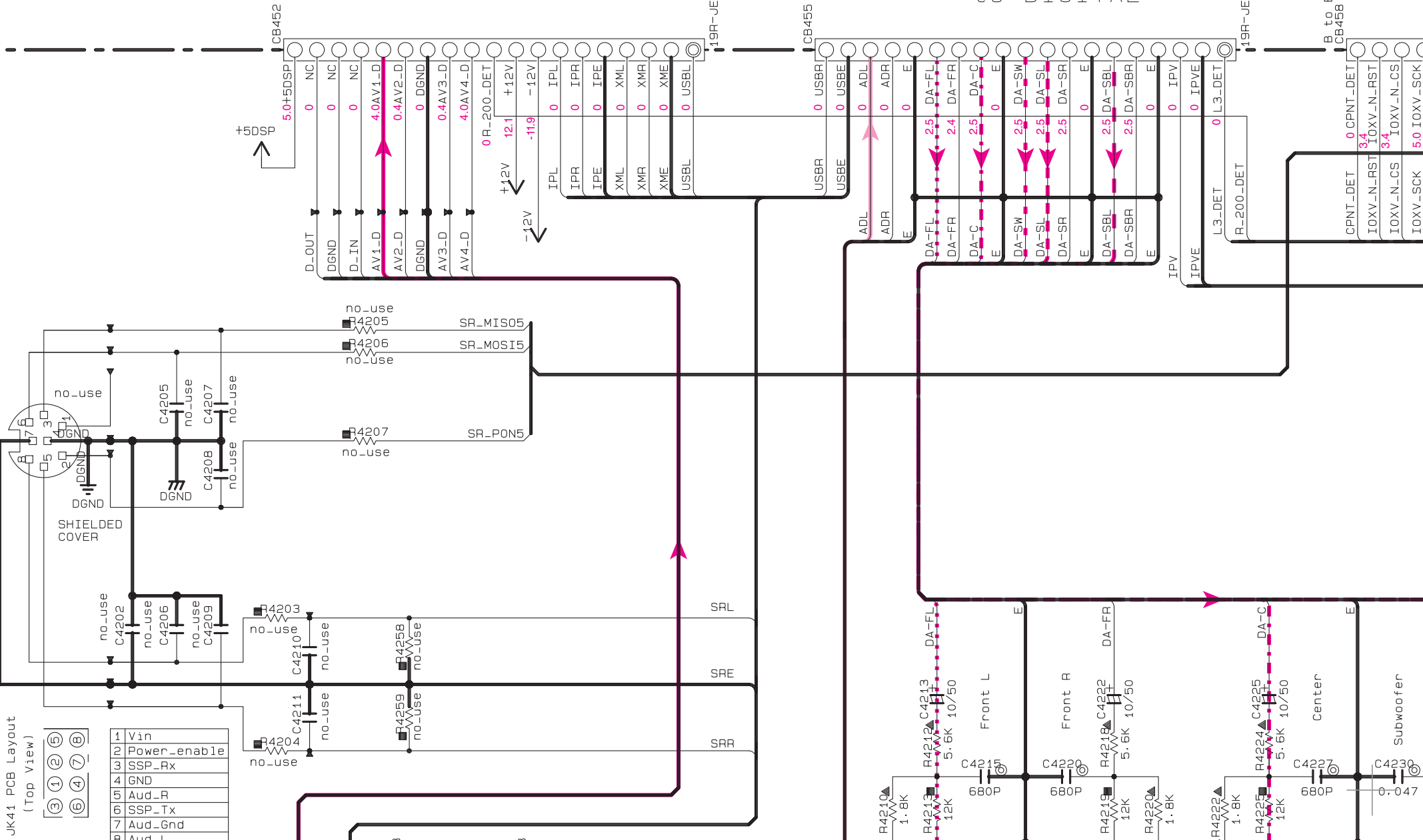


Page 96 I2
to DIGITAL_CB61

Page 96 I4
to DIGITAL_CB62

to DIGITAL

JK451 SIRIUS



JK41 PCB Layout
(Top View)

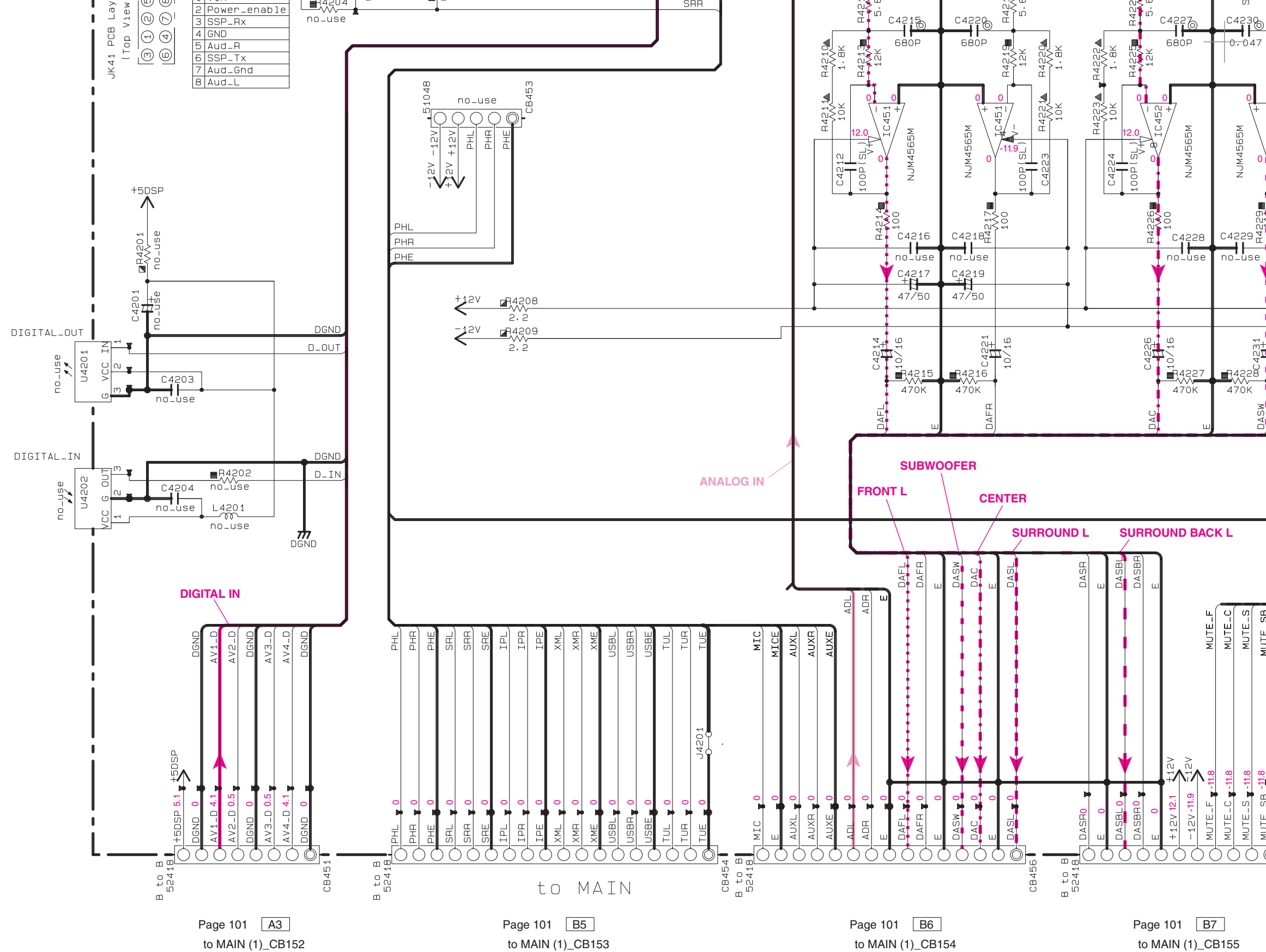
1	Vin
2	Power_enable
3	SSP_Rx
4	GND
5	Aud_R
6	SSP_Tx
7	Aud_Gnd
8	Aud_L

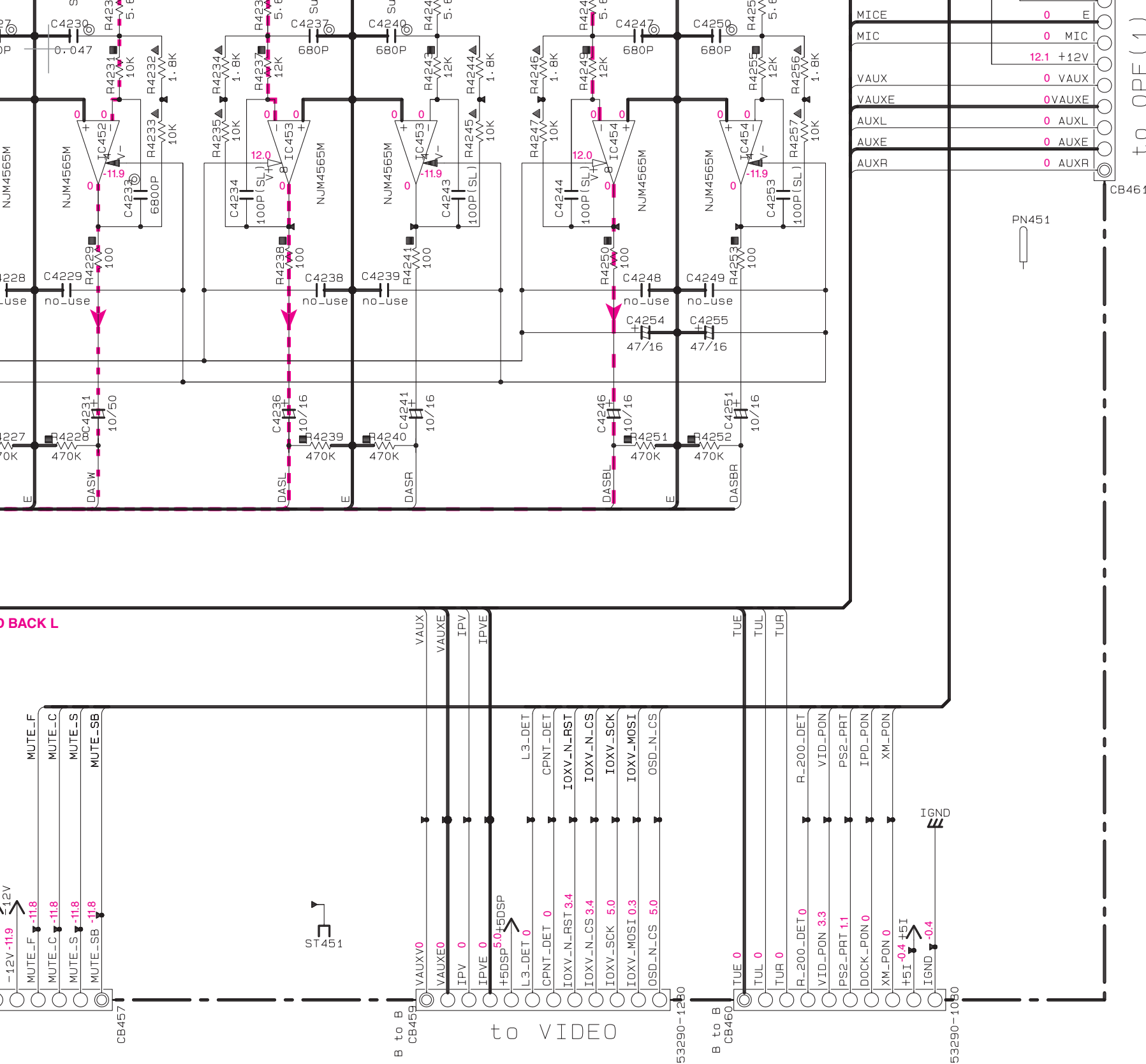
CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	#
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	#
●	CERAMIC TUBULAR CAPACITOR	
⊙	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	
⊕	SEMICONDUCTIVE CERAMIC CAPACITOR	
Ⓢ	POLYPHENYLENE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

(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

A	B
C	D





Page 98 **B7**
to VIDEO (1)_CB155

Page 102 **K5**
to VIDEO (1)_CB303

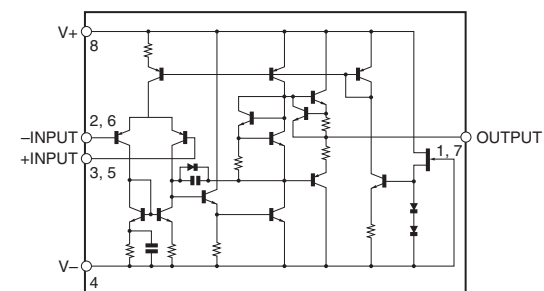
Page 103 **L6**
to VIDEO (1)_CB332

- ★ 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.

MICE	0	MIC
VAUX	0	VAUX
VAUXE	0	VAUXE
AUXL	0	AUXL
AUXE	0	AUXE
AUXR	0	AUXR

to OPE (1)
CB461

IC451-454: NJM4565M (TE1)
Dual operational amplifier

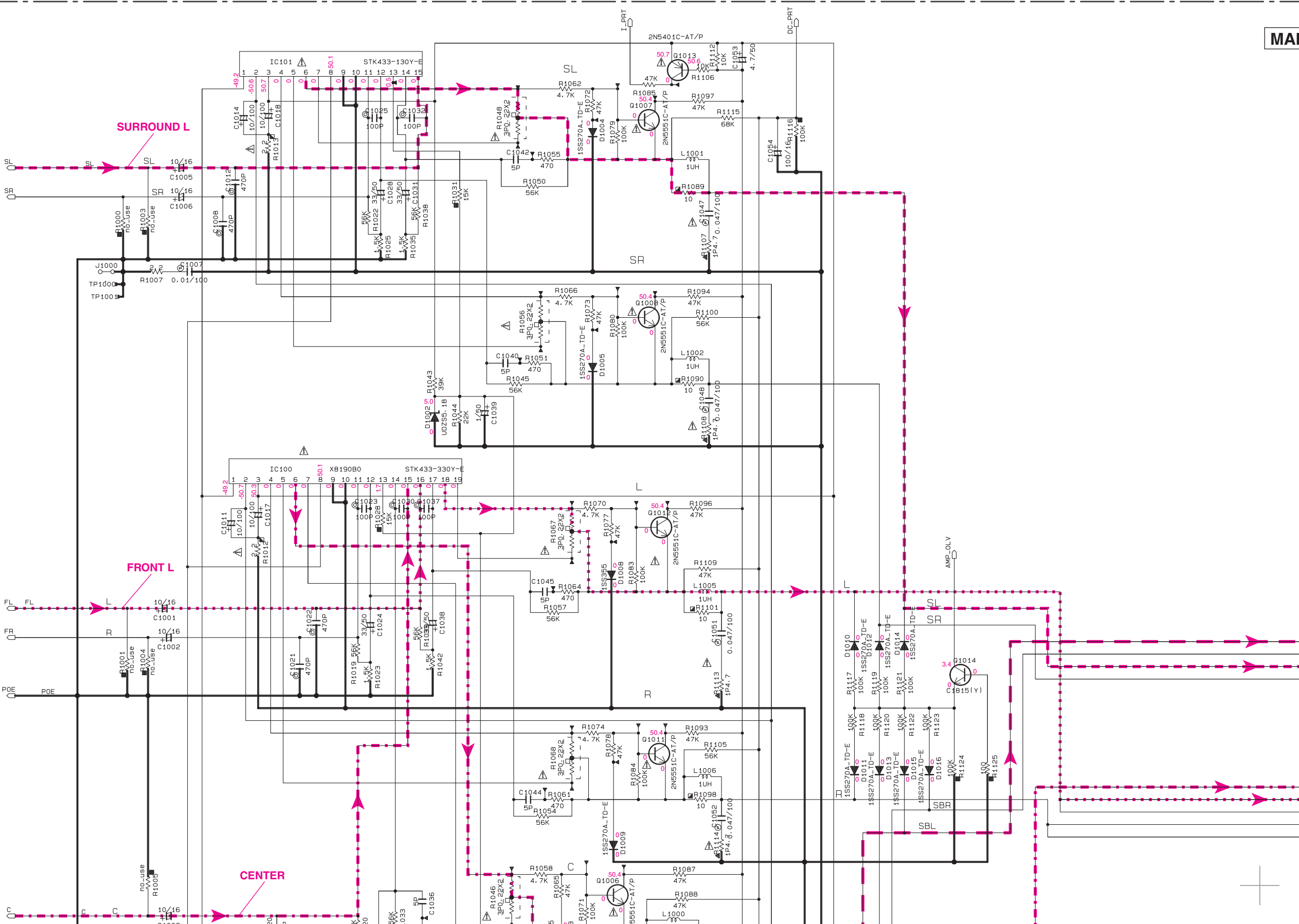


- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
- Δ印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。

A	B
C	D

RX-V567/HTR-5063

MAIN 1/2



A	B
C	D

MAIN (1)

Destination Part List				
sXX	LOC	JUCTKABGEF	R	L
s1	W1006A W1006B	X	WA76540 VH-5298T	WA76540 VH-5298T
s2	W1004B W1004A	X	MH08030	MH08030
s3	W1000A W1000B	X	MH04030	MH04030
s4	W1002B W1002A	X	MH03030	MH03030
s5	W1003A W1003B	X	MH09030	MH09030
s6	W1005B W1005A	X	MH06030	MH06030
s7	W1001B W1001A	X	MH02030	MH02030
s9	SW101	X	WB49370 RB140246	WD07370 RB140254
s10	F1000	X	VV07170 3.15A250V	X
s11	CB15B CB159	X	WN07770 PFC5000-0202F	X
s12	J1001	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

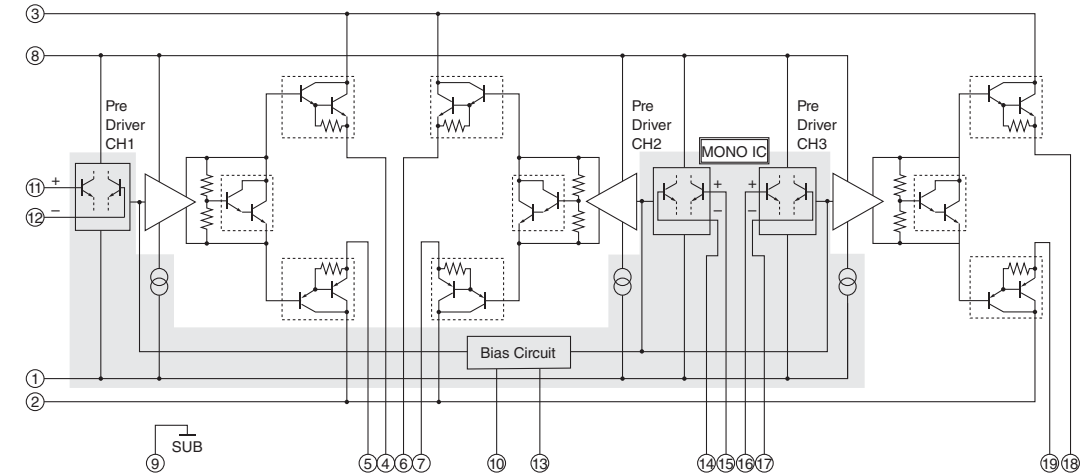
CAPACITOR

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	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	
Ⓢ	SEMICONDUCTIVE CERAMIC CAPACITOR	
Ⓢ	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

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



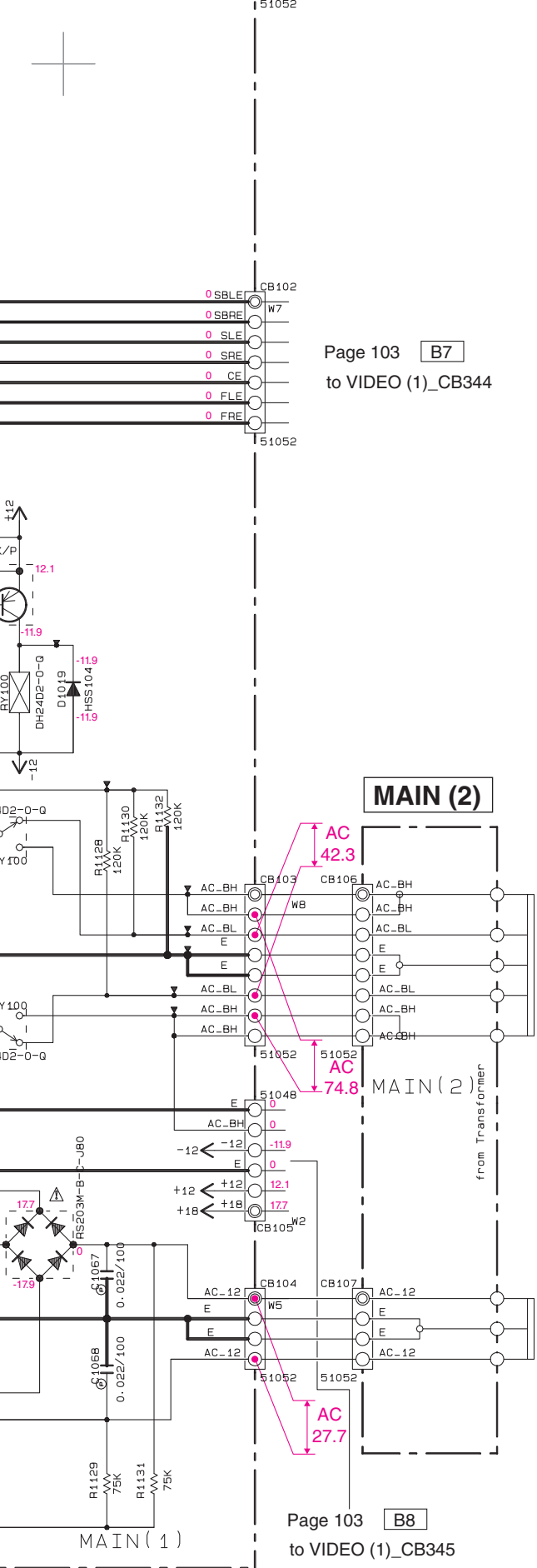
IC101, 102: STK433-130Y-E
2-channel AF power amplifier, stand-by circuit built-in



Page 103 B6
to VIDEO (1)_CB343

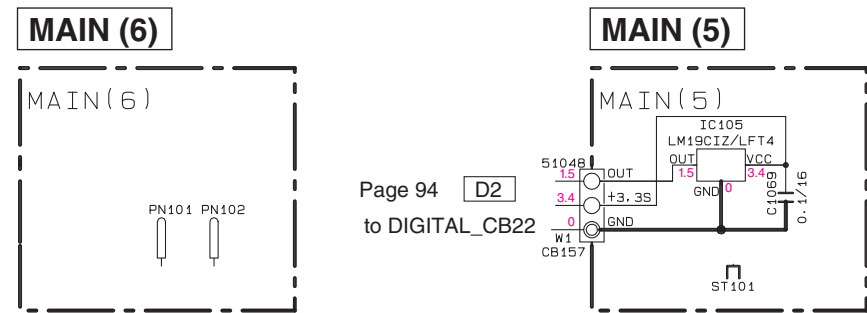
Page 103 B6
to VIDEO (1)_CB342





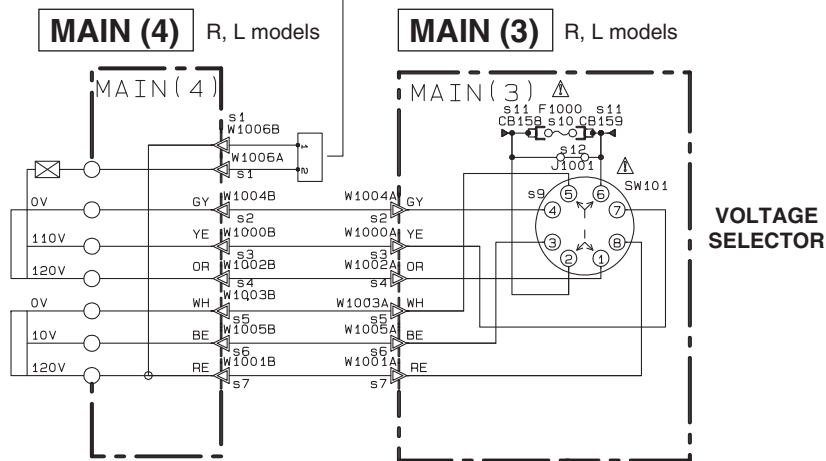
Page 103 **B7**
to VIDEO (1)_CB344

Page 103 **B8**
to VIDEO (1)_CB345



Page 94 **D2**
to DIGITAL_CB22

Page 104 **C7**
to VIDEO (2)_CB378

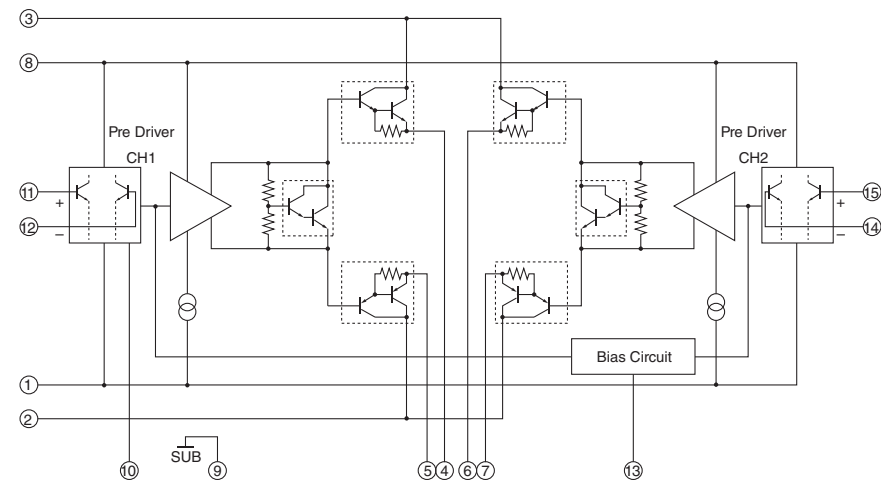


**POWER
TRANSFORMER**

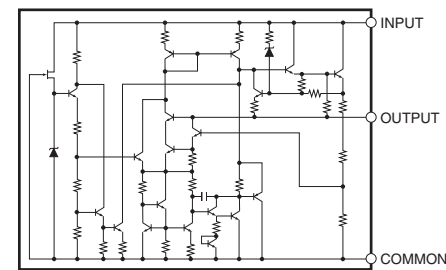
VOLTAGE SELECTOR		
230-240V	1-2/5-6	R, L models
220V	2-3/6-7	R, L models
110V	3-4/7-8	R model
120V	4-5/8-1	R model

- ★ 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.

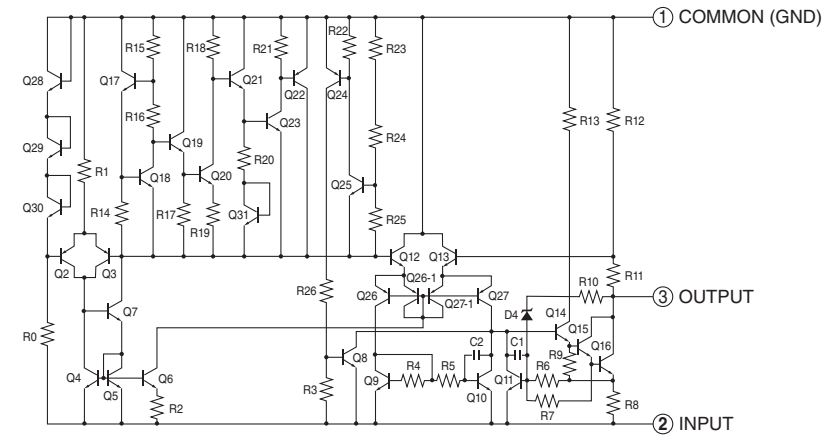
IC101, 102: STR455-1501-L
2-channel AF power amplifier, stand-by circuit built-in



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。

RX-V567/HTR-5063

A	B
C	D

MAIN 1/2

1

2

3

4

5

Page 99 D10
to OPERATION (2)_CB454

JY150
○—○

CB153

ANALOG IN

ANALOG IN

SURROUND

SURROUND L

CENTER

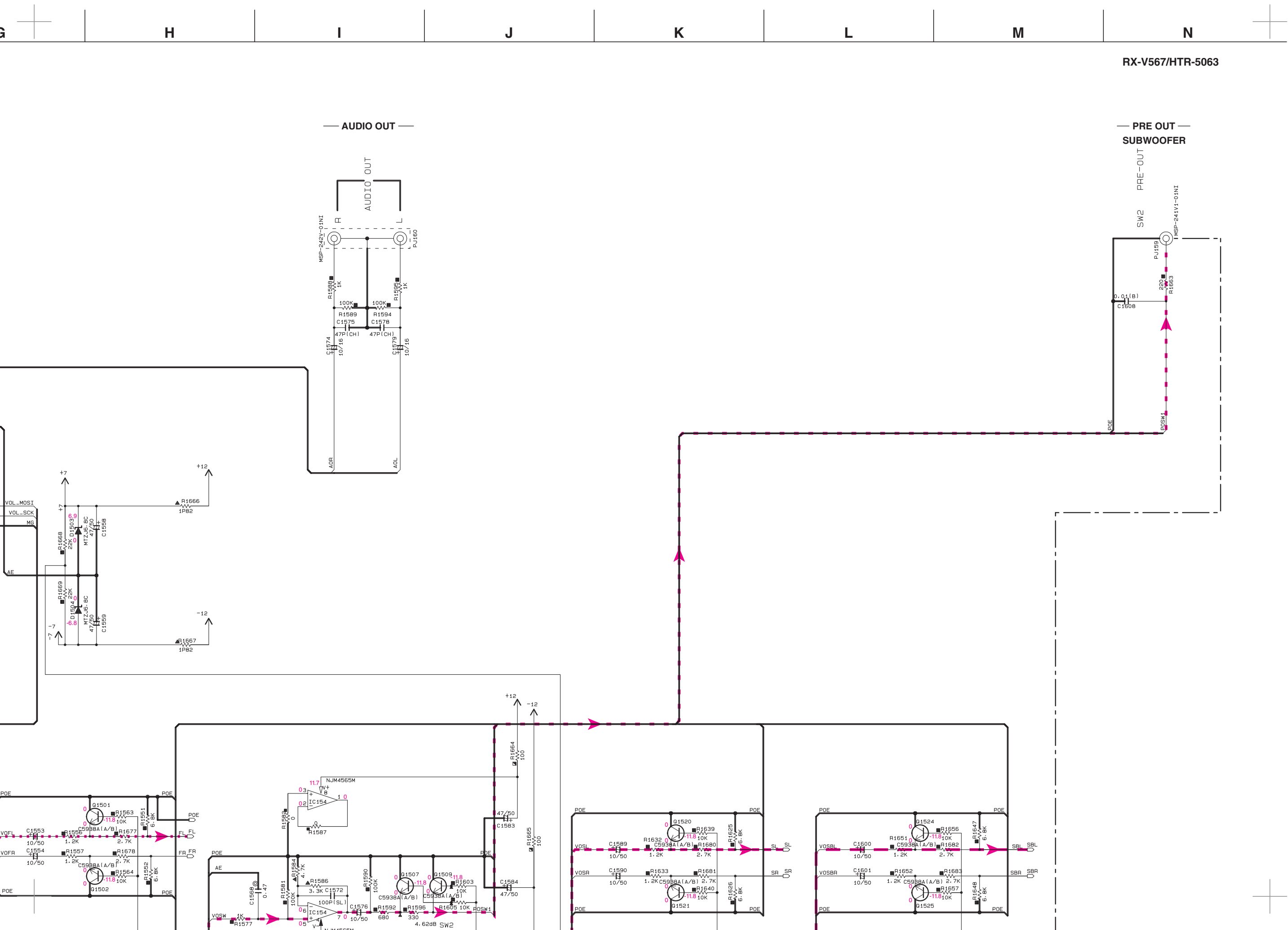
FRONT L

POE

VOFL

100

POE



A	B
C	D

6

7

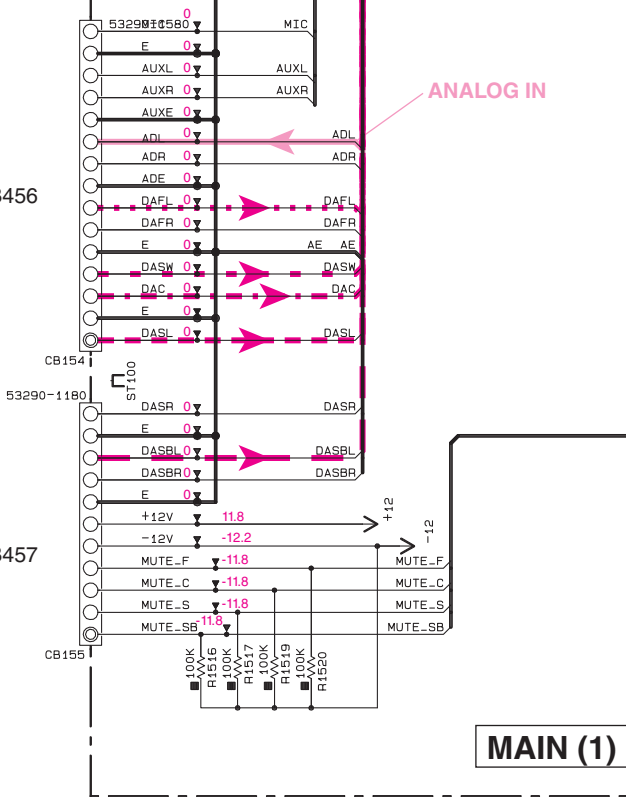
8

9

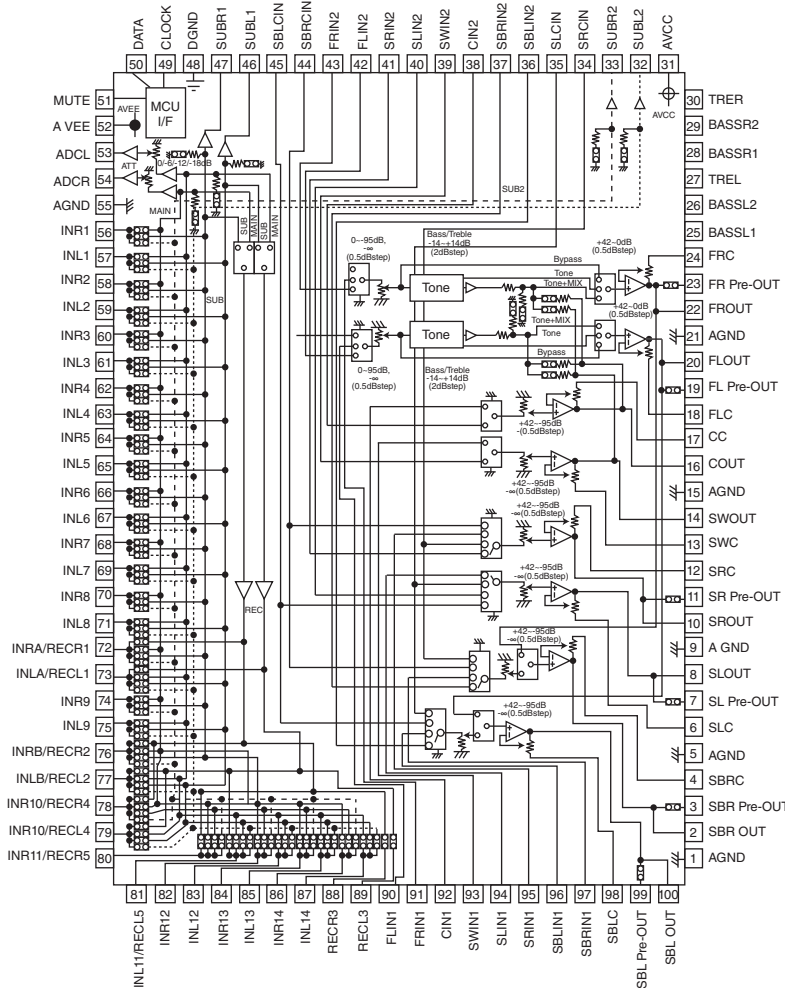
10

Page 99 **F10**
to OPERATION (2)_CB456

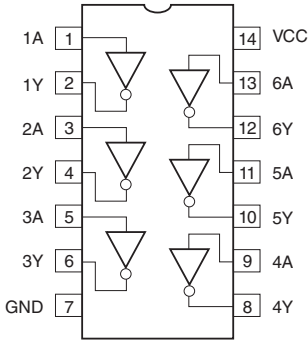
Page 99 **G10**
to OPERATION (2)_CB457



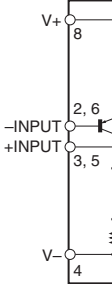
IC153: R2A15220FP
8-channel electronic volume with 11 input selector and tone control

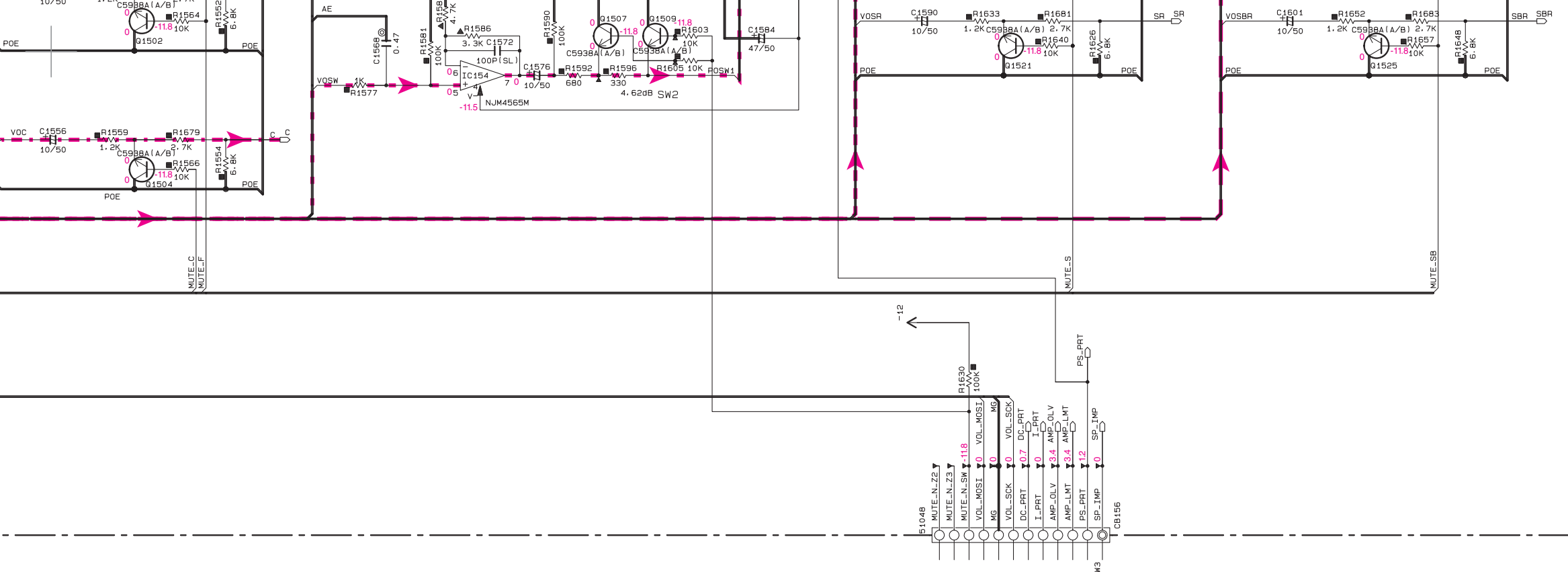


IC152: TC74VHCU04FT
Hex inverters



IC154:
Dual op

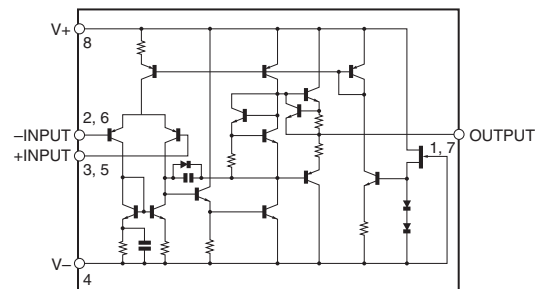


Page 94

E2

to DIGITAL_CB23

IC154: NJM4565M (TE1)
Dual operational amplifier



- ★ 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.

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

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	H
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	H
●	CERAMIC TUBULAR CAPACITOR	
◎	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
②	POLYPROPYLENE FILM CAPACITOR	
⊕	SEMICONDUCTIVE CERAMIC CAPACITOR	

- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
- △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-V567/HTR-5063

VIDEO 1/3

COMPONENT
VIDEO

VIDEO

AV 1

AV1

Cb/Pb

Y

Cb/Pb

Y

AV 3

AV3

AV 4

AV4

AV 5

AV5

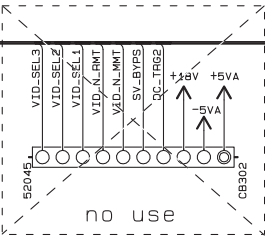
AV 6

AV6

AV OUT

AV OUT

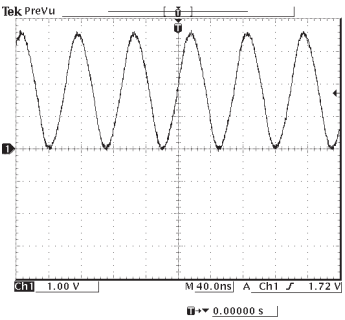
Page 104 H6
to VIDEO (8)_CB354
(J model)



COMP_SEL	OUT
L	AV-1
H	AV-2

A	B
C	D

POINT ⑤ XL301 (Pin 2 of IC309)



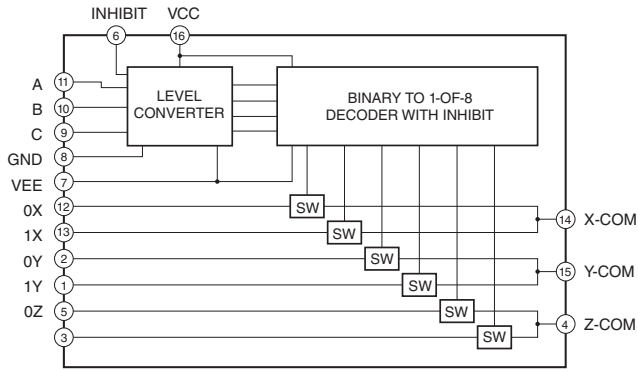
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊠	METAL PLATE RESISTOR
▣	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

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

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

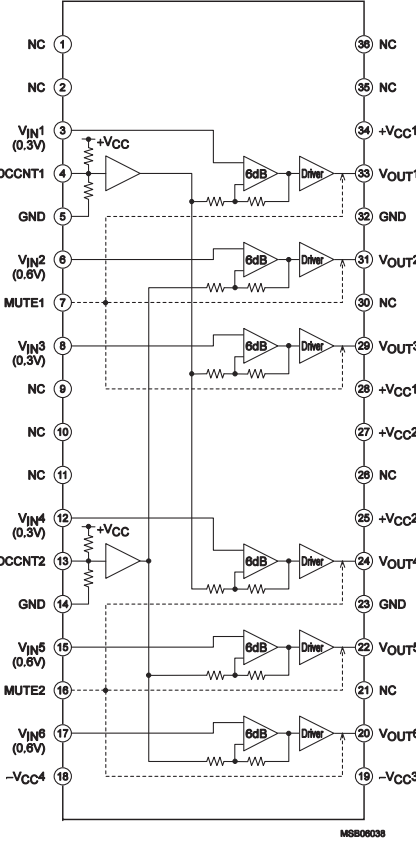
sXX	LDC	J	UC	R	T	A	B6F	L	K
s101	XL301	VV94980 14.31818MHZ	VV94980 14.31818MHZ	VV94980 14.31818MHZ	WK19610 17.734475MHZ	WK19610 17.734475MHZ	WK19610 17.734475MHZ	WK19610 17.734475MHZ	VV94980 14.31818MHZ
s102	C3055	US06112 12P(CH)	US06112 12P(CH)	US06112 12P(CH)	US06050 5P(CH)	US06050 5P(CH)	US06050 5P(CH)	US06050 5P(CH)	US06112 12P(CH)
s103	C3056	US06118 18P(CH)	US06118 18P(CH)	US06118 18P(CH)	US06070 7P(CH)	US06070 7P(CH)	US06070 7P(CH)	US06070 7P(CH)	US06118 18P(CH)
s104	C3058	US06060 6P(CH)	US06060 6P(CH)	US06060 6P(CH)	US06040 4P(CH)	US06040 4P(CH)	US06040 4P(CH)	US06040 4P(CH)	US06060 6P(CH)
s110	CB301	V004770 52045	X	X	X	X	X	X	X
s111	R3085 R3087 R3086	RD35475 75	X	X	X	X	X	X	X

IC301-303: TC74HC4053AF
Analog multiplexer/demultiplexer

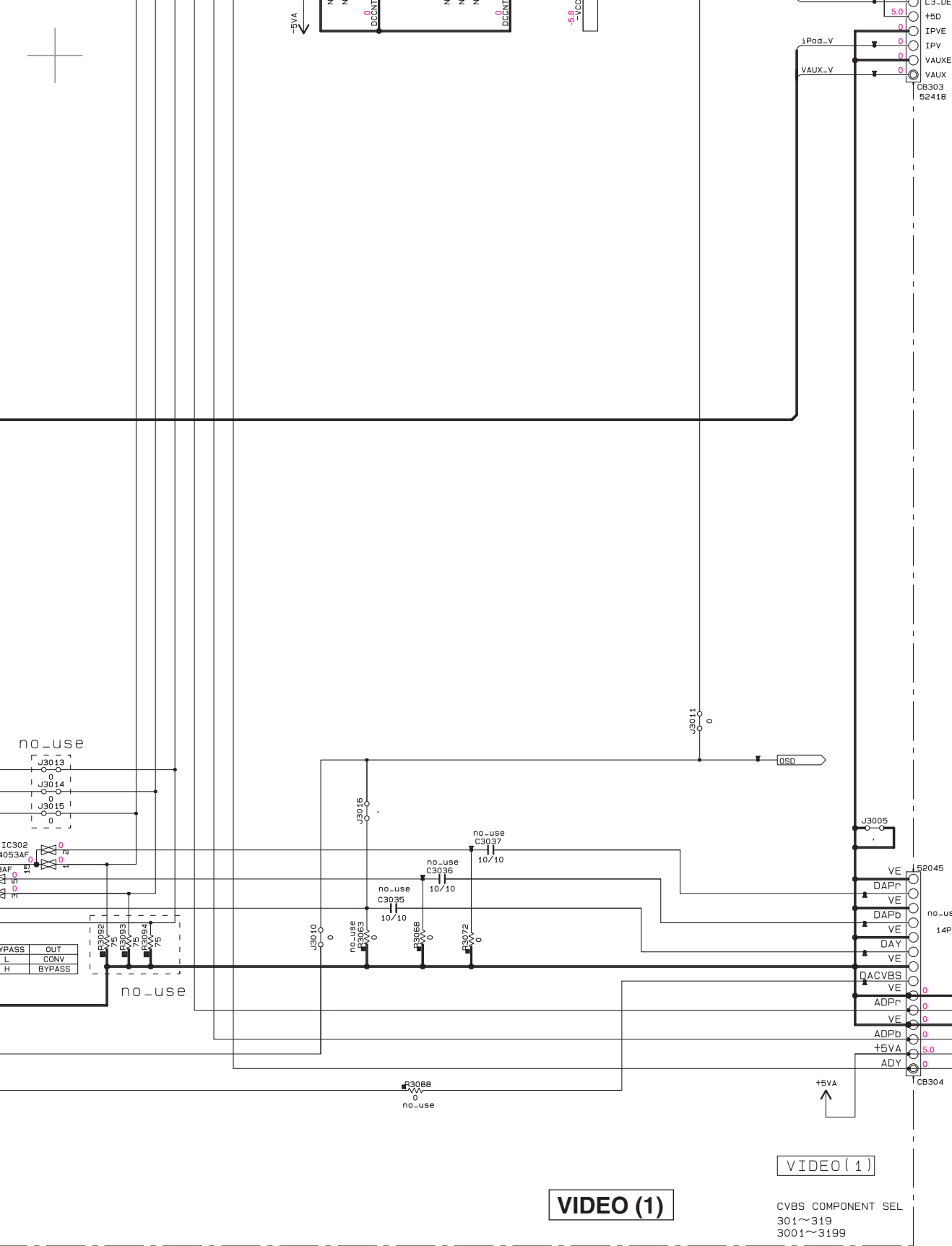


INPUT STATES				"ON" CHANNEL (S)
INHIBIT	C	B	A	
0	0	0	0	0X, 0Y, 0Z
0	0	0	1	1X, 0Y, 0Z
0	0	1	0	0X, 1Y, 0Z
0	0	1	1	1X, 1Y, 0Z
0	1	0	0	0X, 0Y, 1Z
0	1	0	1	1X, 0Y, 1Z
0	1	1	0	0X, 1Y, 1Z
0	1	1	1	1X, 1Y, 1Z
1	X	X	X	NONE

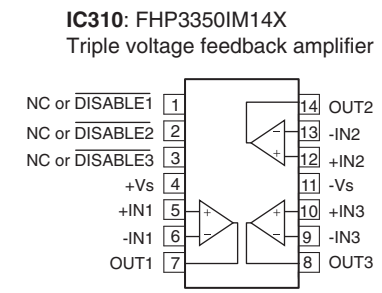
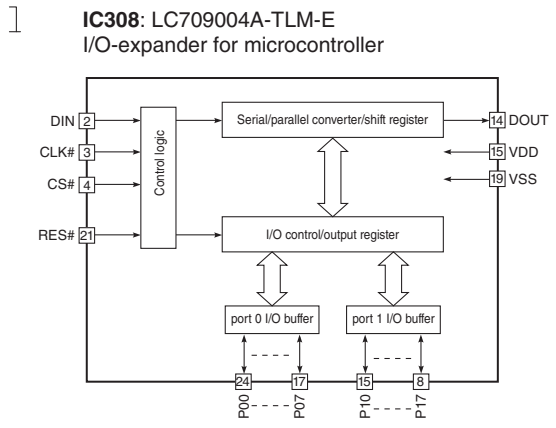
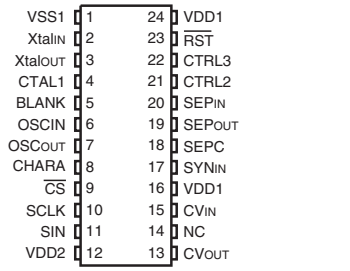
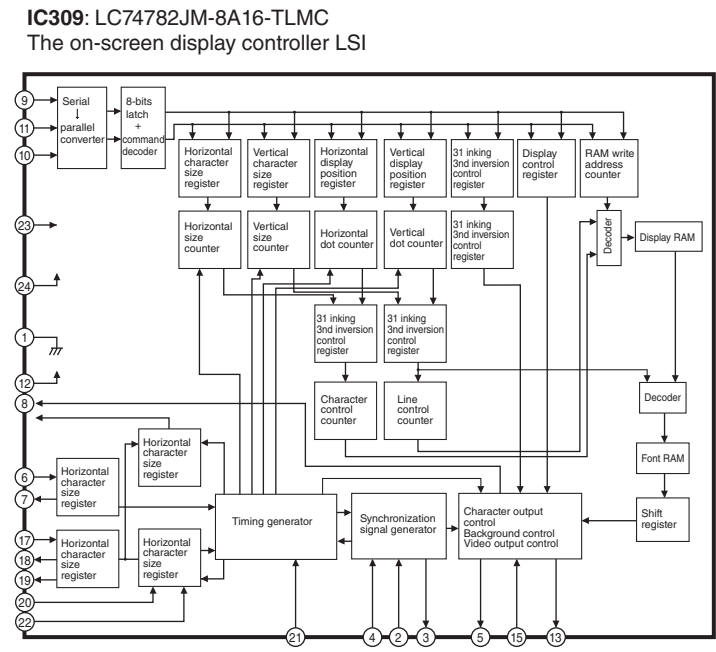
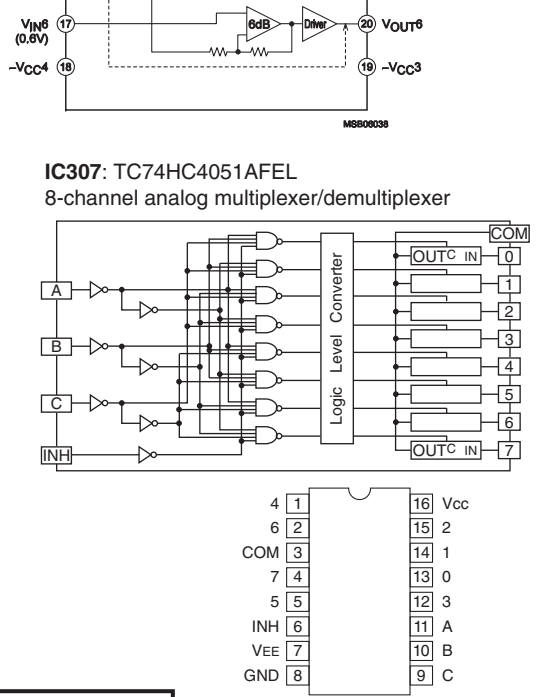
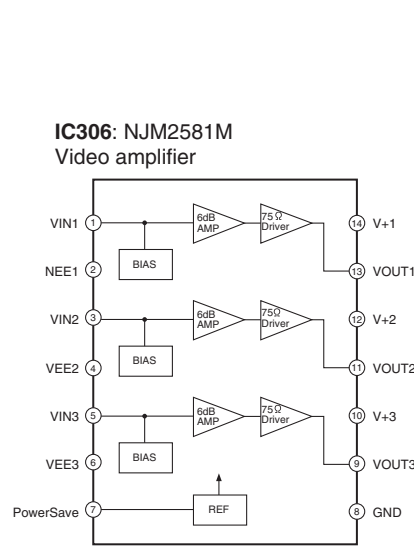
IC305: LA73050-TLM-E
6-channel 75-ohm video driver



IC306: NJM2581M



to OPERATION (2)_CB459



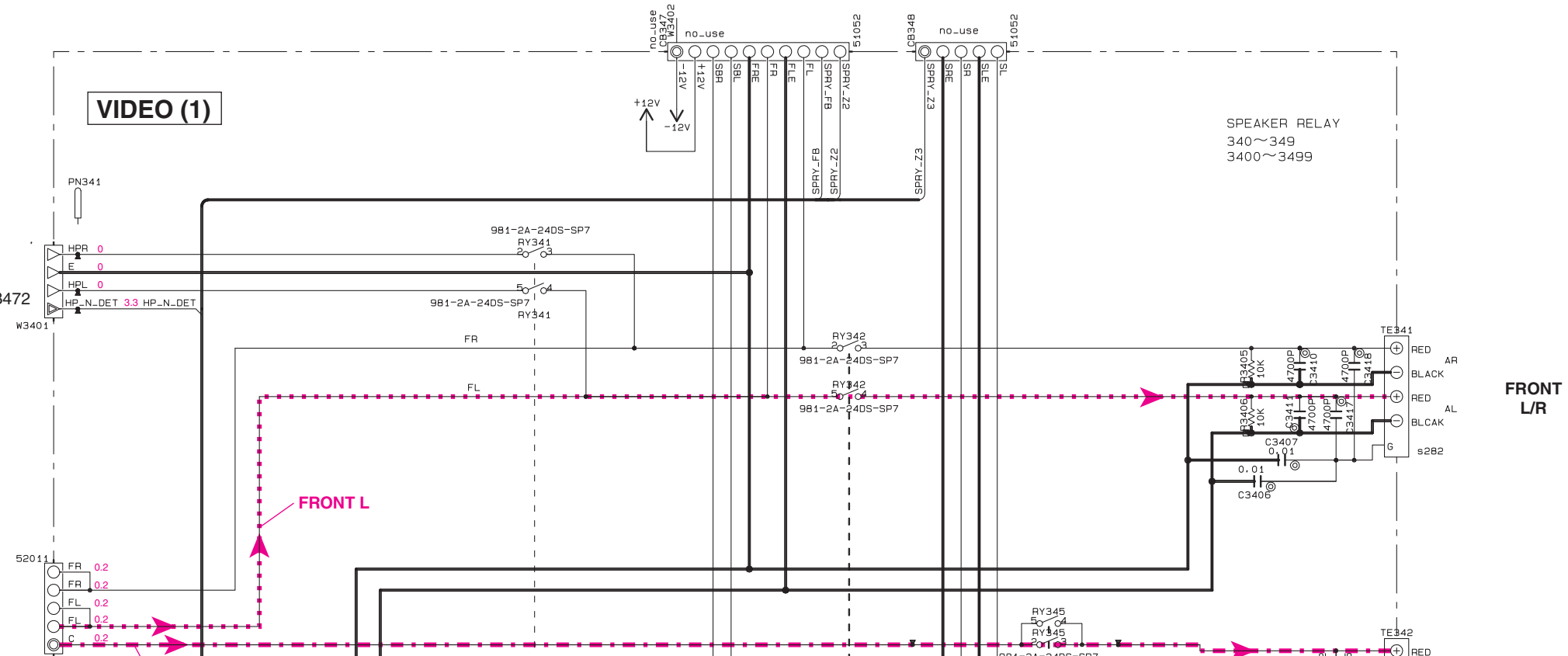
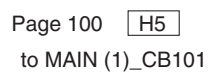
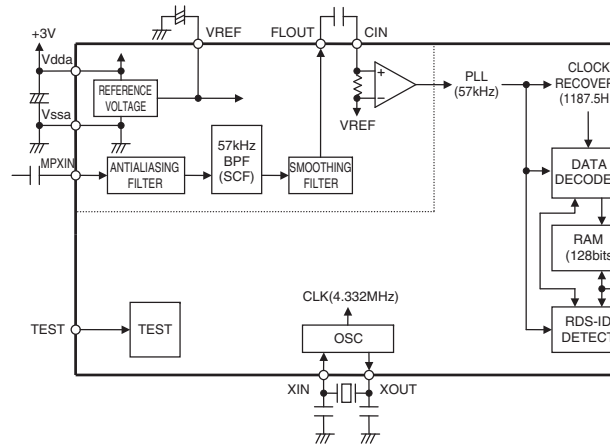
- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

- 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。

RX-V567/HTR-5063

A	B
C	D

Destination Part List									
sXX	LOC	J	UC	R	T	A	B6F	L	K
s201	IC321	X	X	X	X	X	X8235A0 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	C3209 C3205 C3204	X	X	X	X	X	US13510 0.1/16	X	X
s205	R3203 R3201	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 MTJ3-3B	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	TE343 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 UDZ512B	X	X	X	X	X



RX-V567/HTR-5063

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

RESISTOR

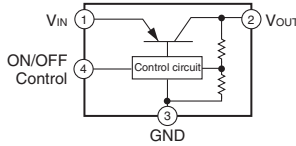
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
	CARBON FILM RESISTOR (P=10)
	METAL OXIDE FILM RESISTOR
	METAL FILM RESISTOR
	METAL PLATE RESISTOR
	FIRE PROOF CARBON FILM RESISTOR
	CEMENT MOLDED RESISTOR
	SEMI VARIABLE RESISTOR
	CHIP RESISTOR

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

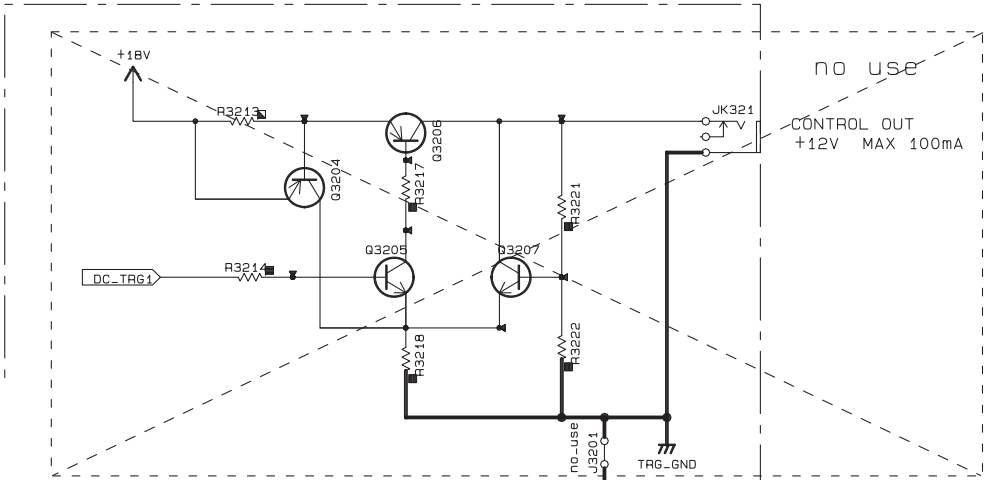
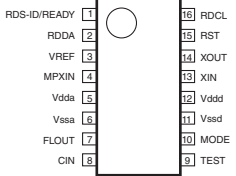
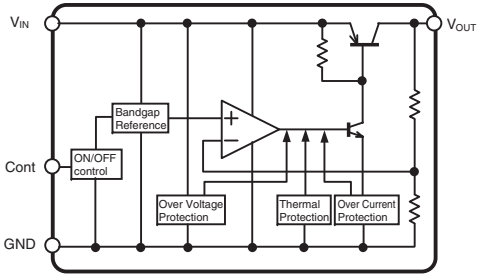
IC331: NJM2396F05

Low dropout voltage regulator with ON/OFF control



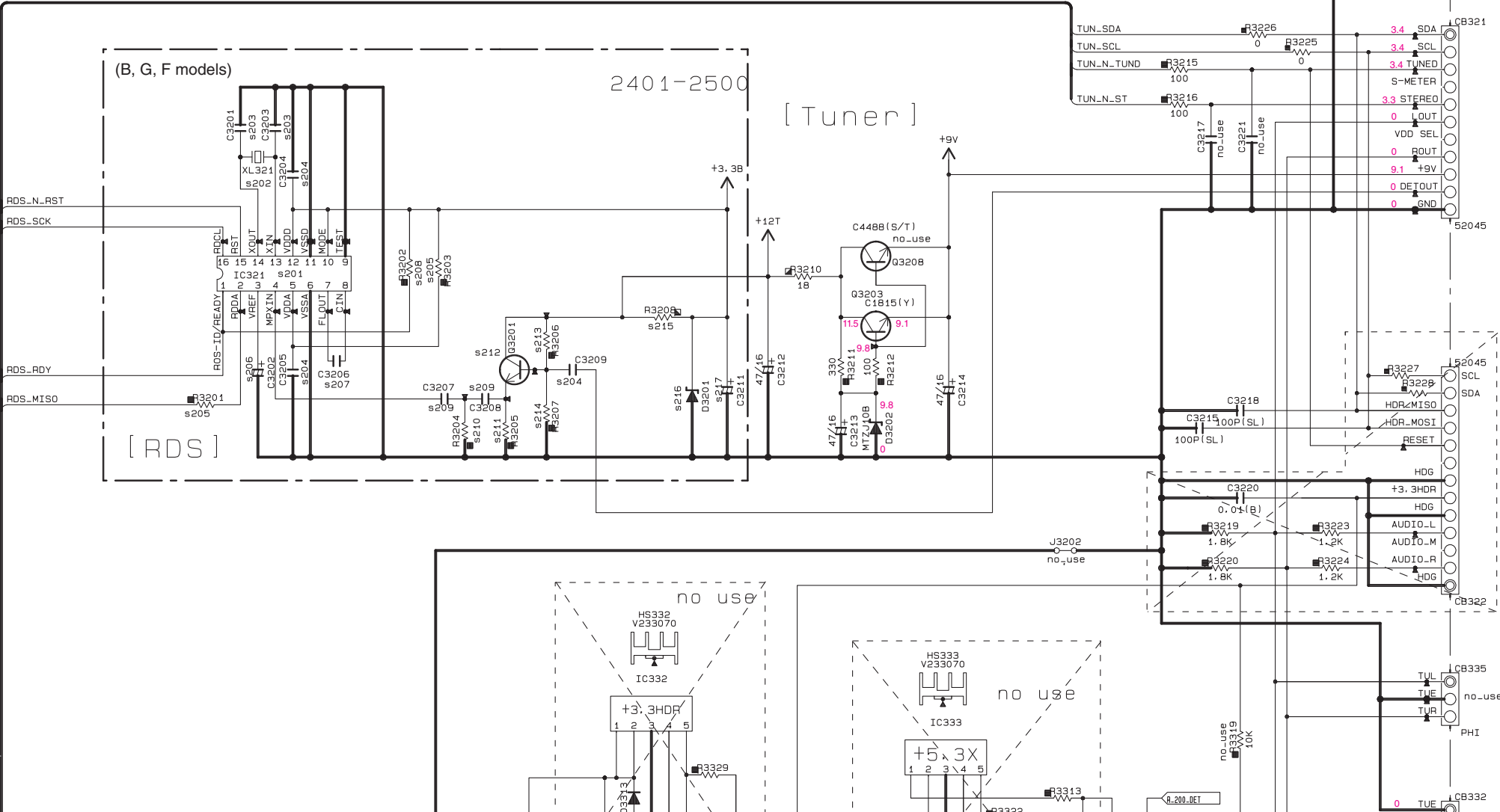
IC334: NJM2388F05

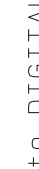
Low dropout voltage regulator with ON/OFF control

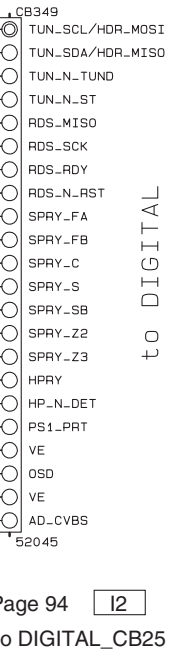


TRIGGER & TUNER
320~329
3200~3299

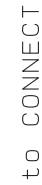
VIDEO(1)







- 電圧は、内部抵抗 10MΩの電圧計で測定したものです。
- △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。

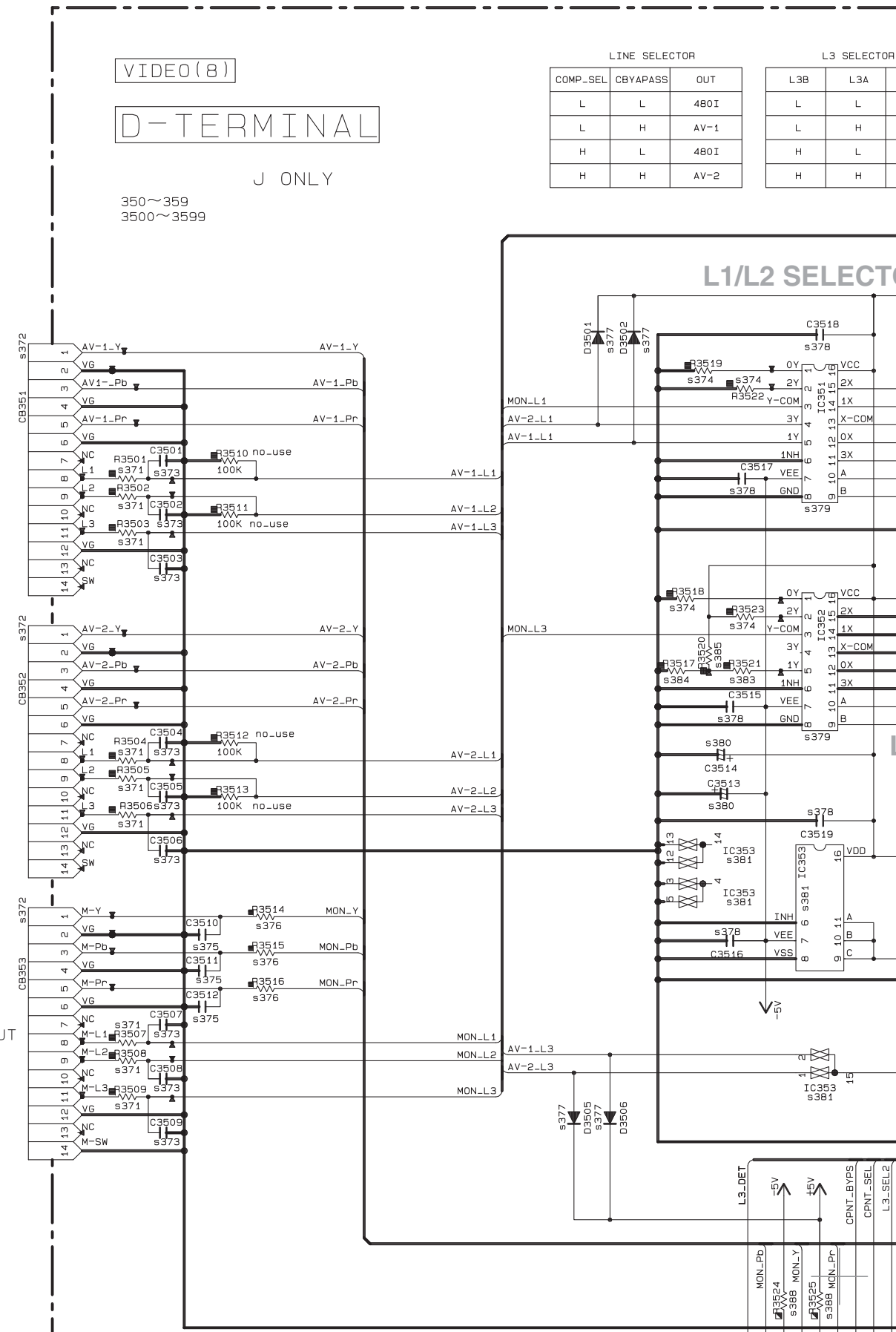


Page 98 H2

OPERATION (1)_CB405



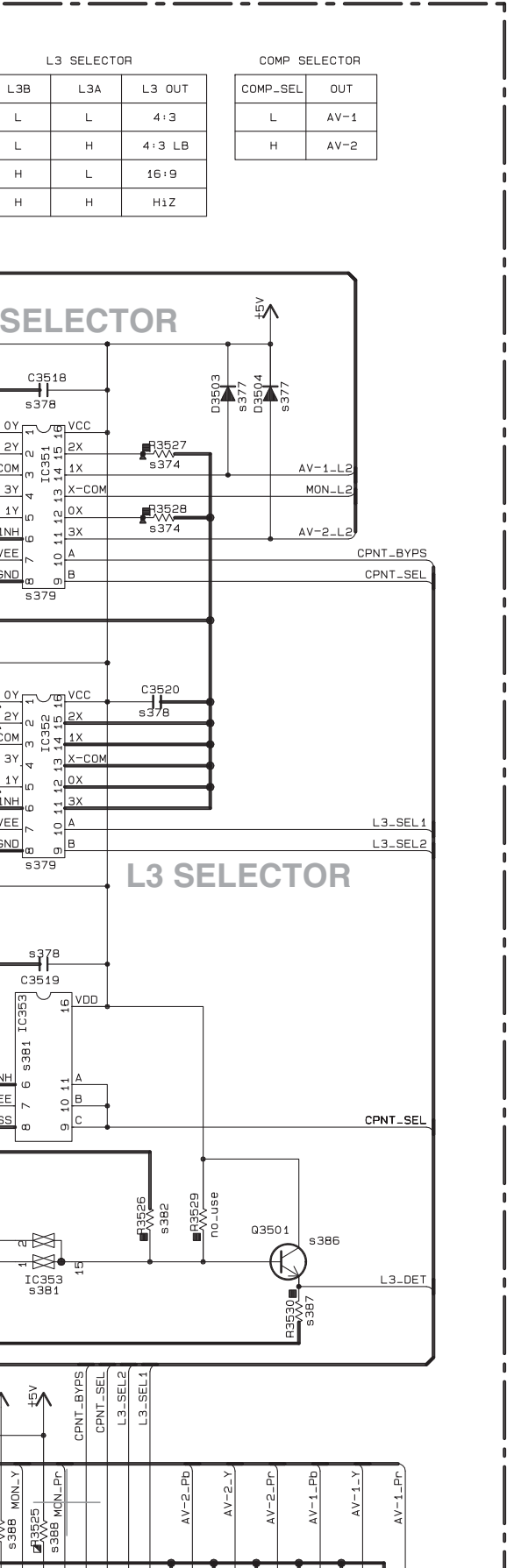
U, C, T, K, A, B, G, F, J models

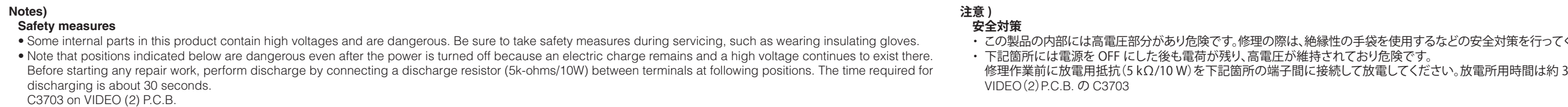


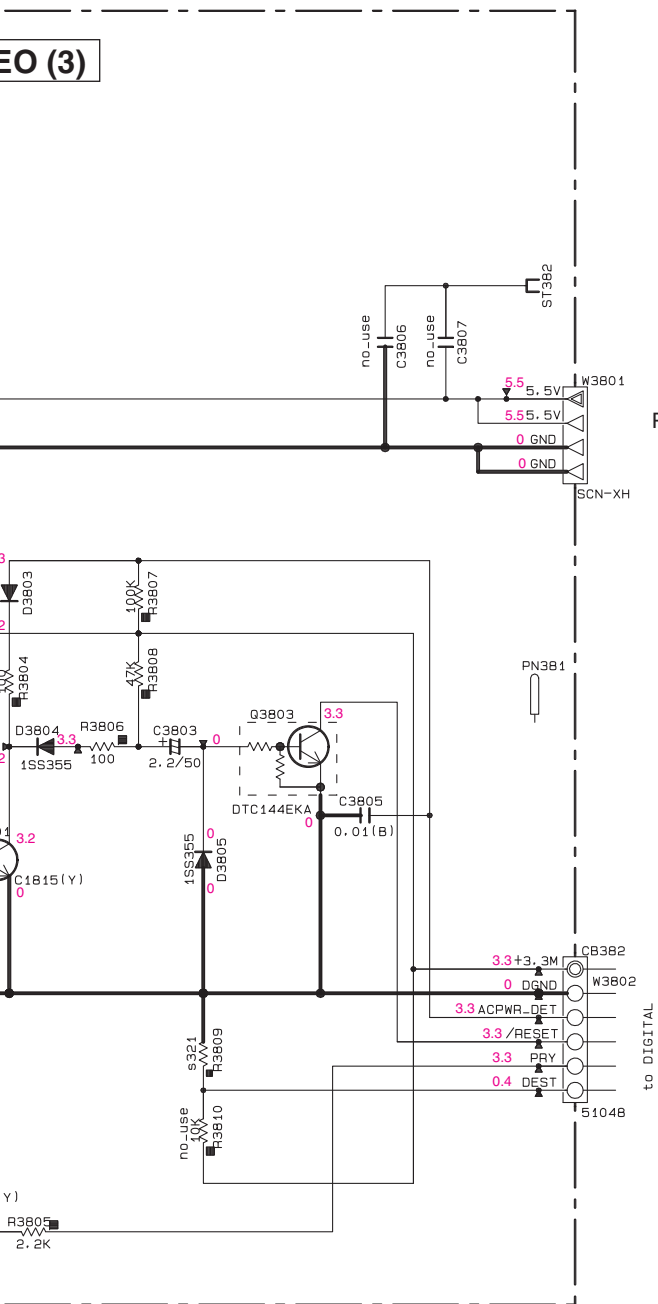
RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
	CARBON FILM RESISTOR (P=10)
	METAL OXIDE FILM RESISTOR
	METAL FILM RESISTOR
	METAL PLATE RESISTOR
	FIRE PROOF CARBON FILM RESISTOR
	CEMENT MOLDED RESISTOR
	SEMI VARIABLE RESISTOR
	CHIP RESISTOR

CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	74
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	11
●	CERAMIC TUBULAR CAPACITOR	
⊙	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
⊖	POLYPROPYLENE FILM CAPACITOR	
⊕	SEMICONDUCTIVE CERAMIC CAPACITOR	

(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





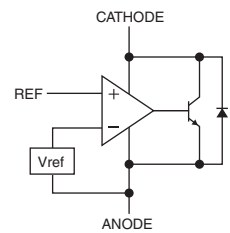
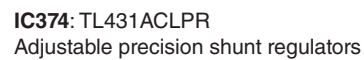


電所用時間は約 30 秒間です。

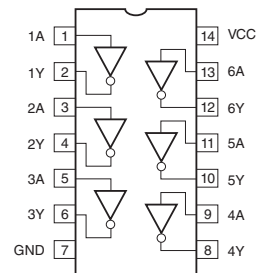
IC351, 352: TC74HC4052AF
Analog multiplexer/demultiplexer

Page 94

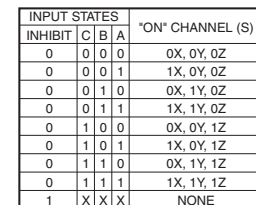
F2

to DIGITAL_CB24

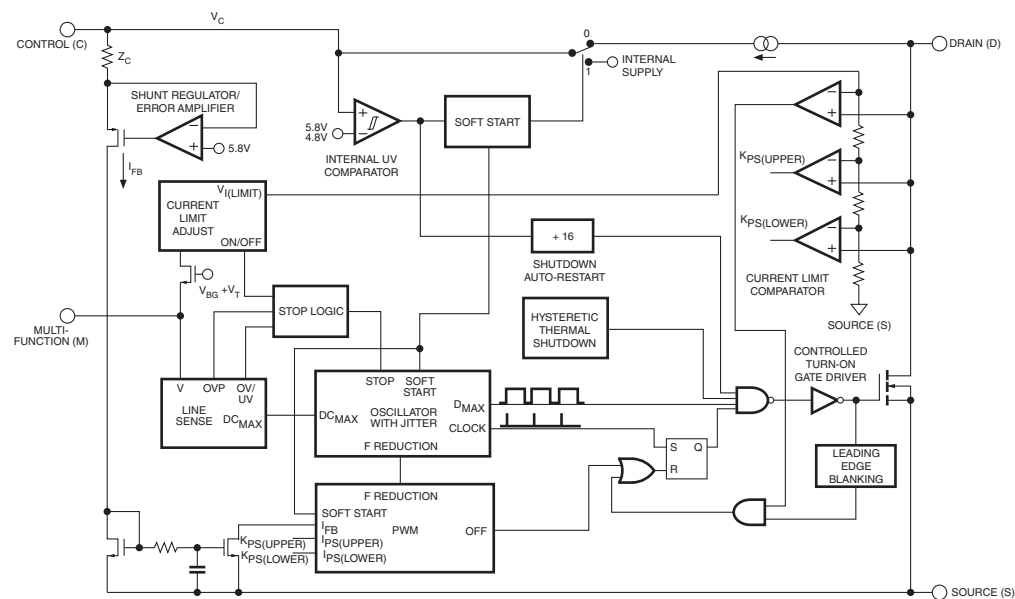
IC391: TC74VHCU04FT
Hex inverters



IC353: TC74HC4053AF
Analog multiplexer/demultiplexer



IC371: TOP254PN
TOPswitch-HX



- 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。