

A	B
C	D

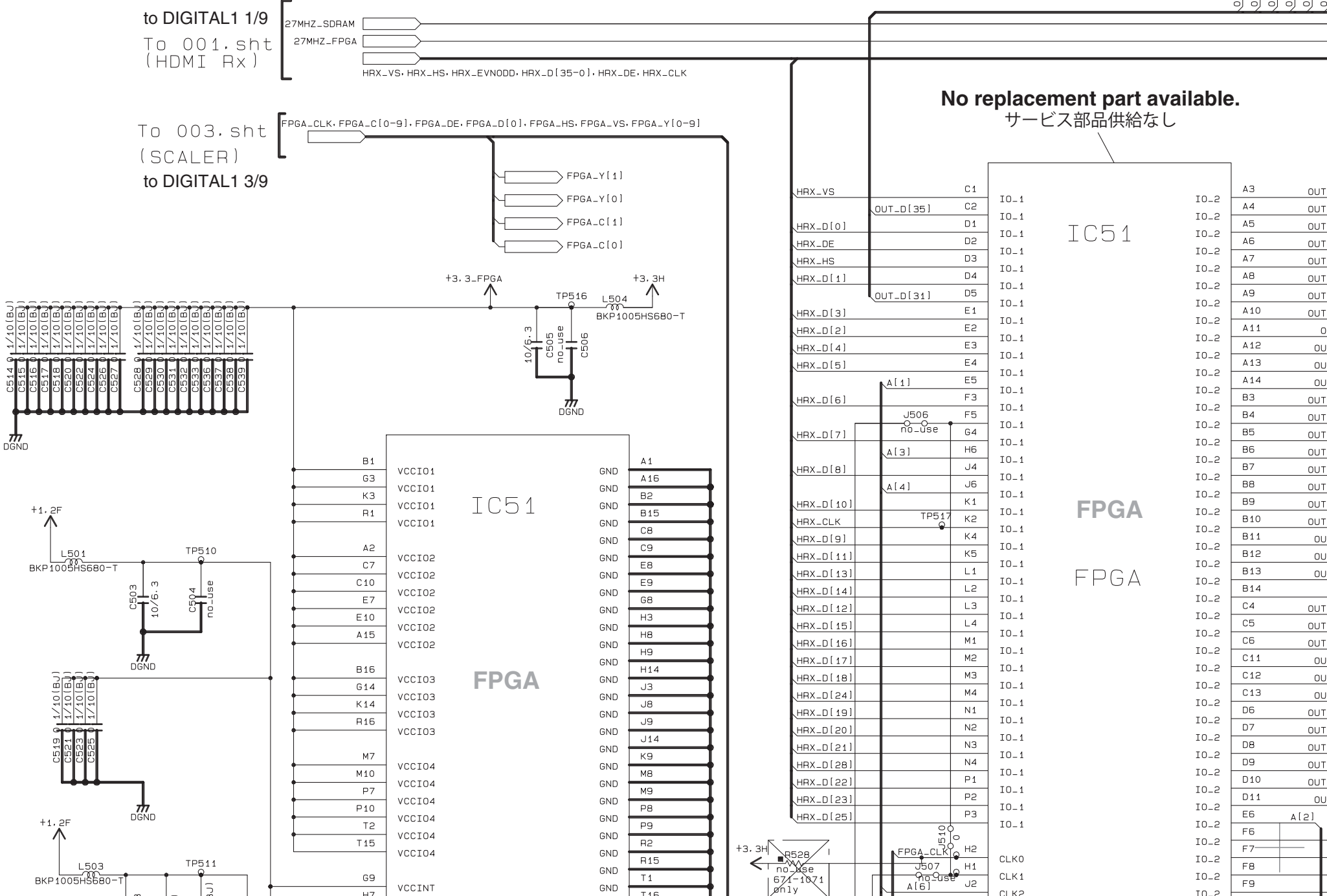
RX-A3010/RX-V3071

DIGITAL1 4/9

to DIGITAL1 1/9
To 001.sht
(HDMI Rx)

To 003.sht
(SCALER)
to DIGITAL1 3/9

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





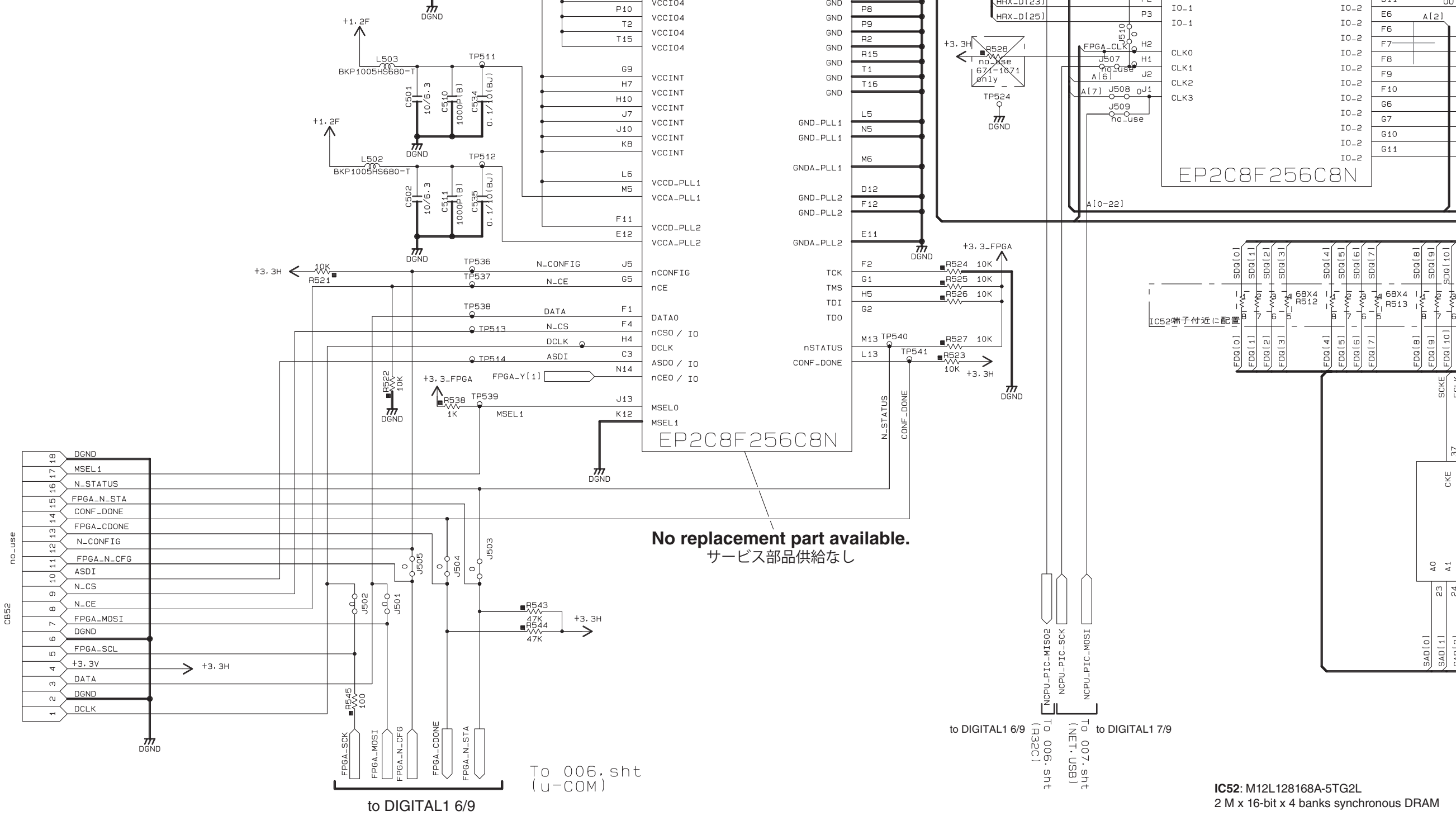
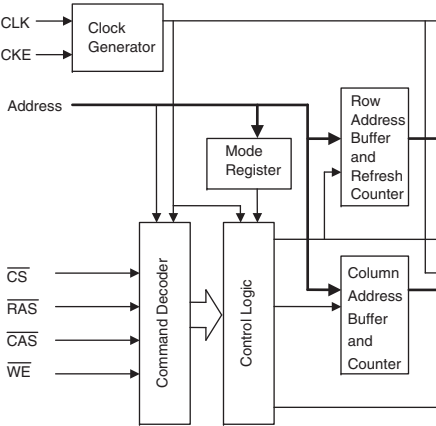
A	B
C	D

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
(H)..... THAI

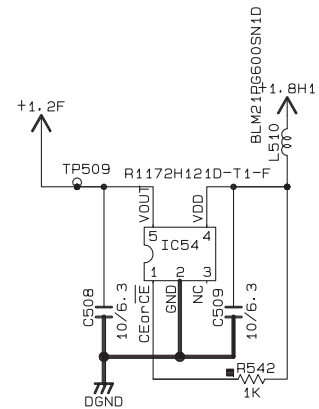
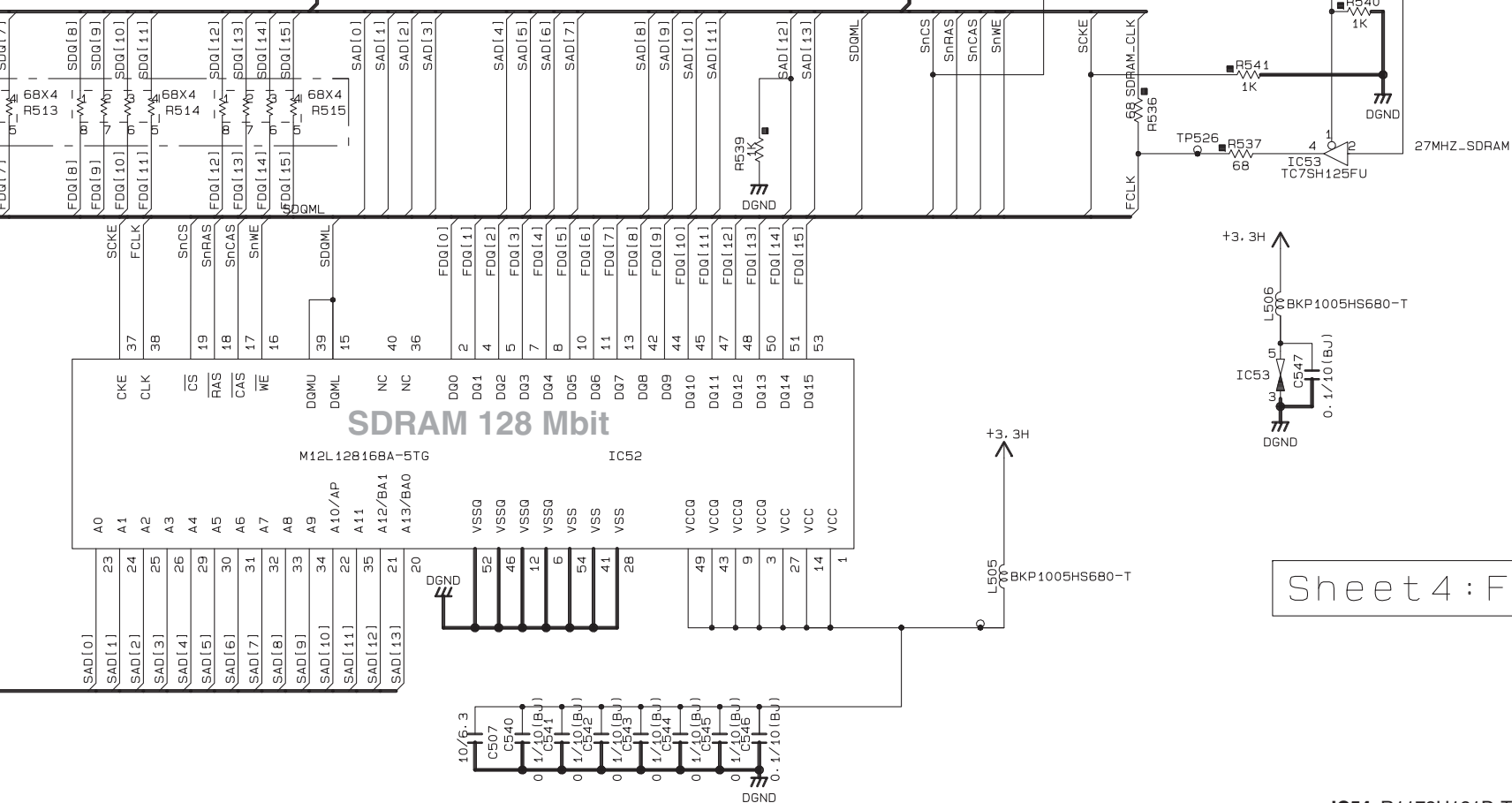
RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
▢	METAL PLATE RESISTOR
▣	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

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

IC52: M12L128168A-5TG2L
2 M x 16-bit x 4 banks synchronous DRAM

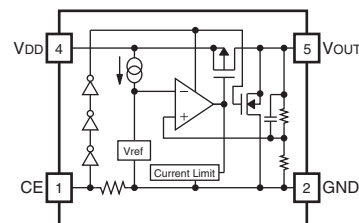


No replacement part available.
サービス部品供給なし



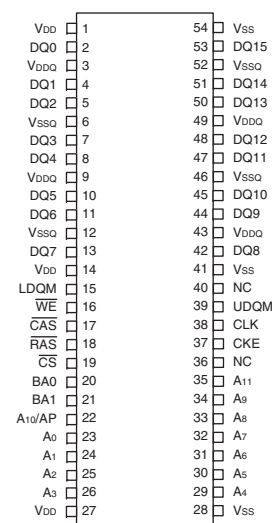
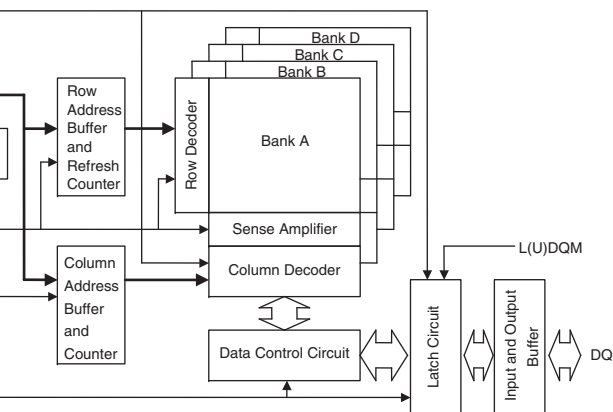
DIGITAL1 (1)

IC54: R1172H121D-T1-F
CMOS-based positive-voltage regulator IC



Pin No.	Symbol	Description
1	CE	Chip Enable Pin
2	GND	Ground Pin
3	NC	No Connection
4	V _{DD}	Input Pin
5	V _{OUT}	Output Pin of Voltage Regulator

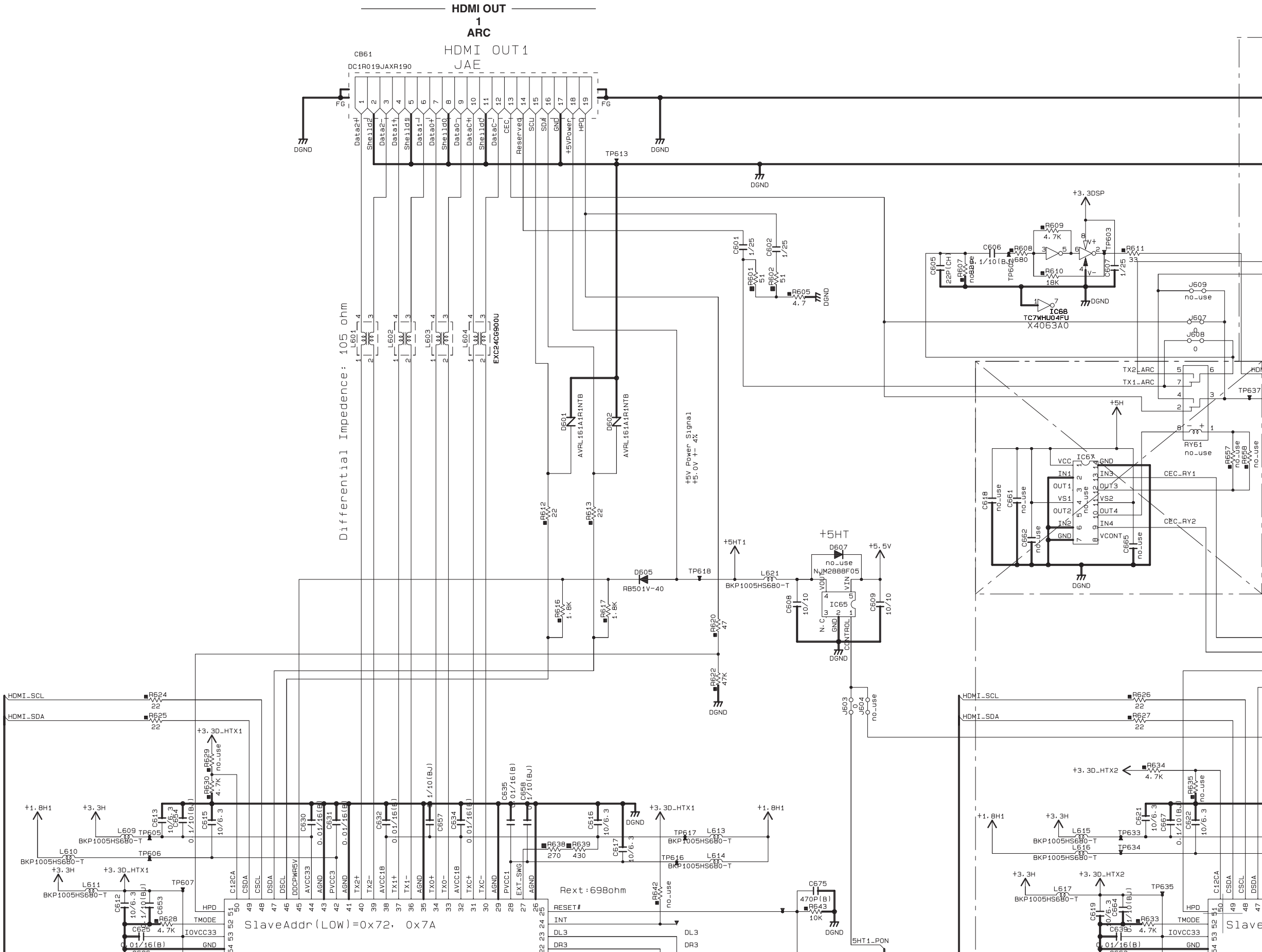
- △印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがあります。



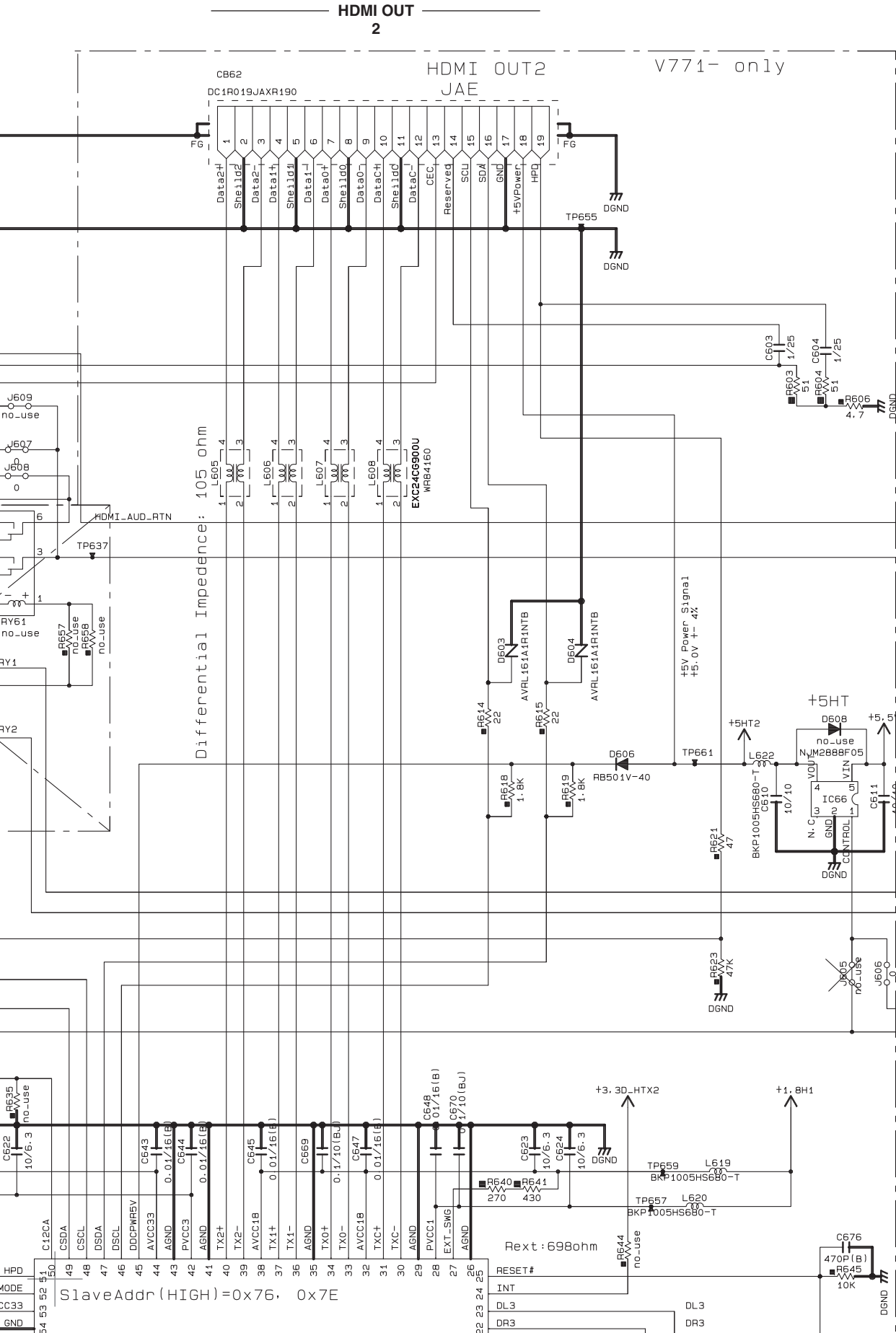
A	B
C	D

A B C D E F G

DIGITAL1 5/9



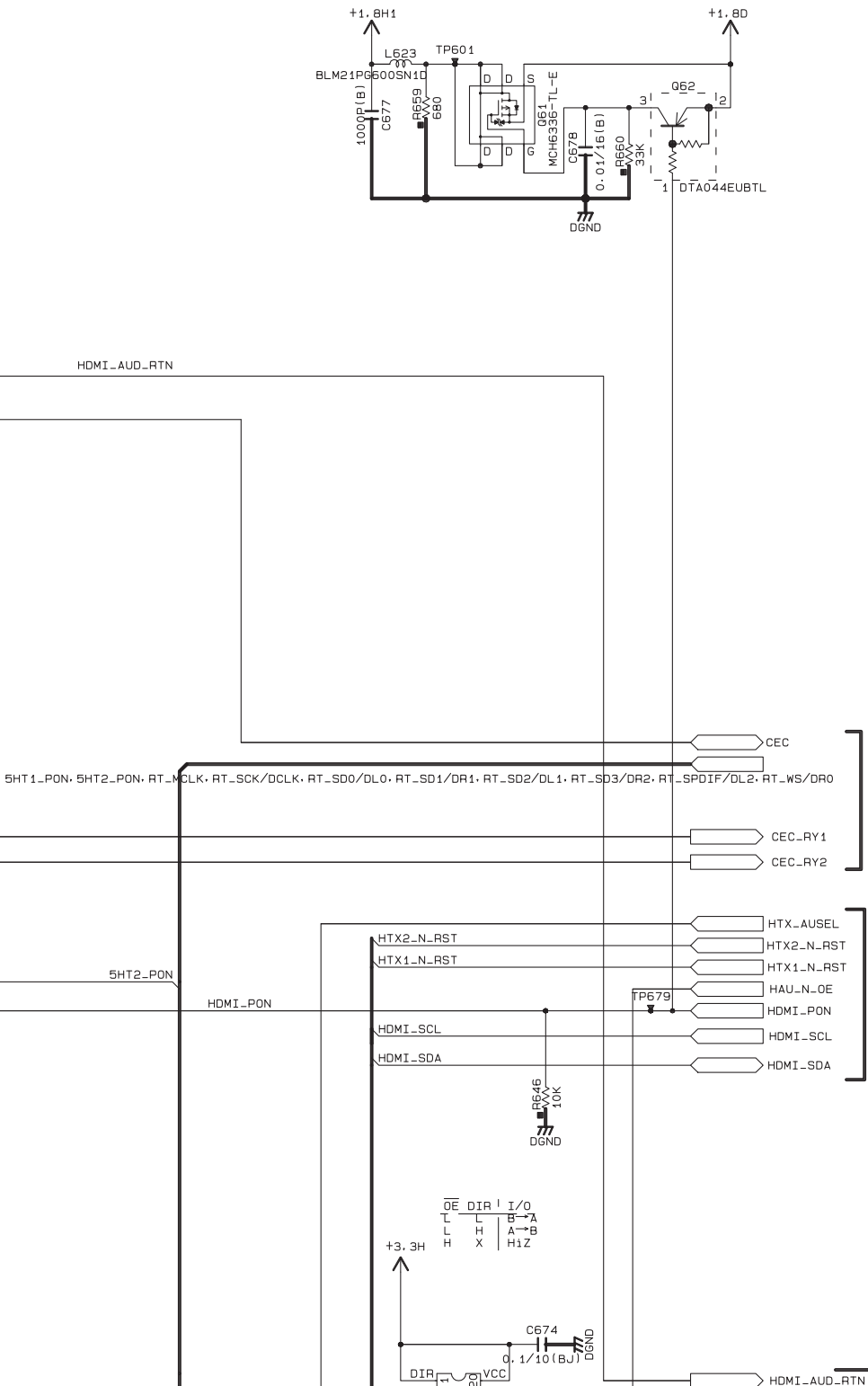
A	B
C	D

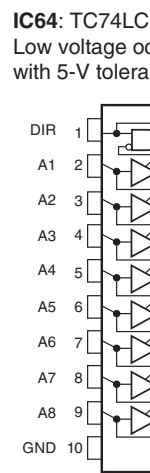
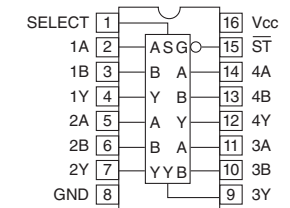
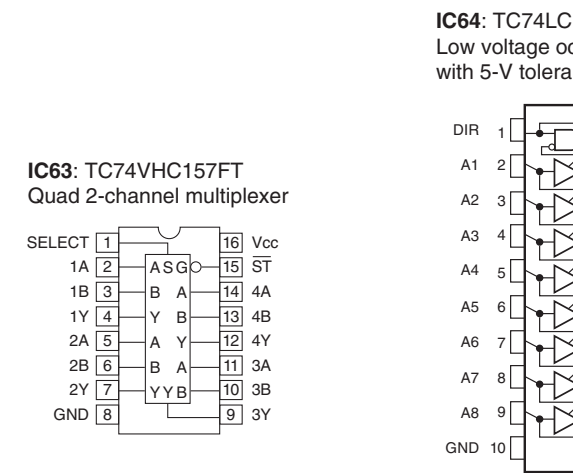
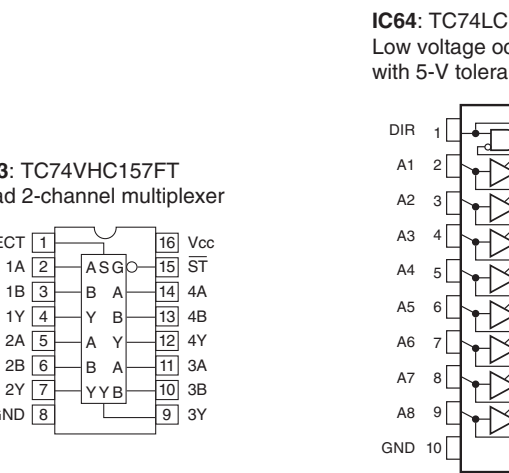


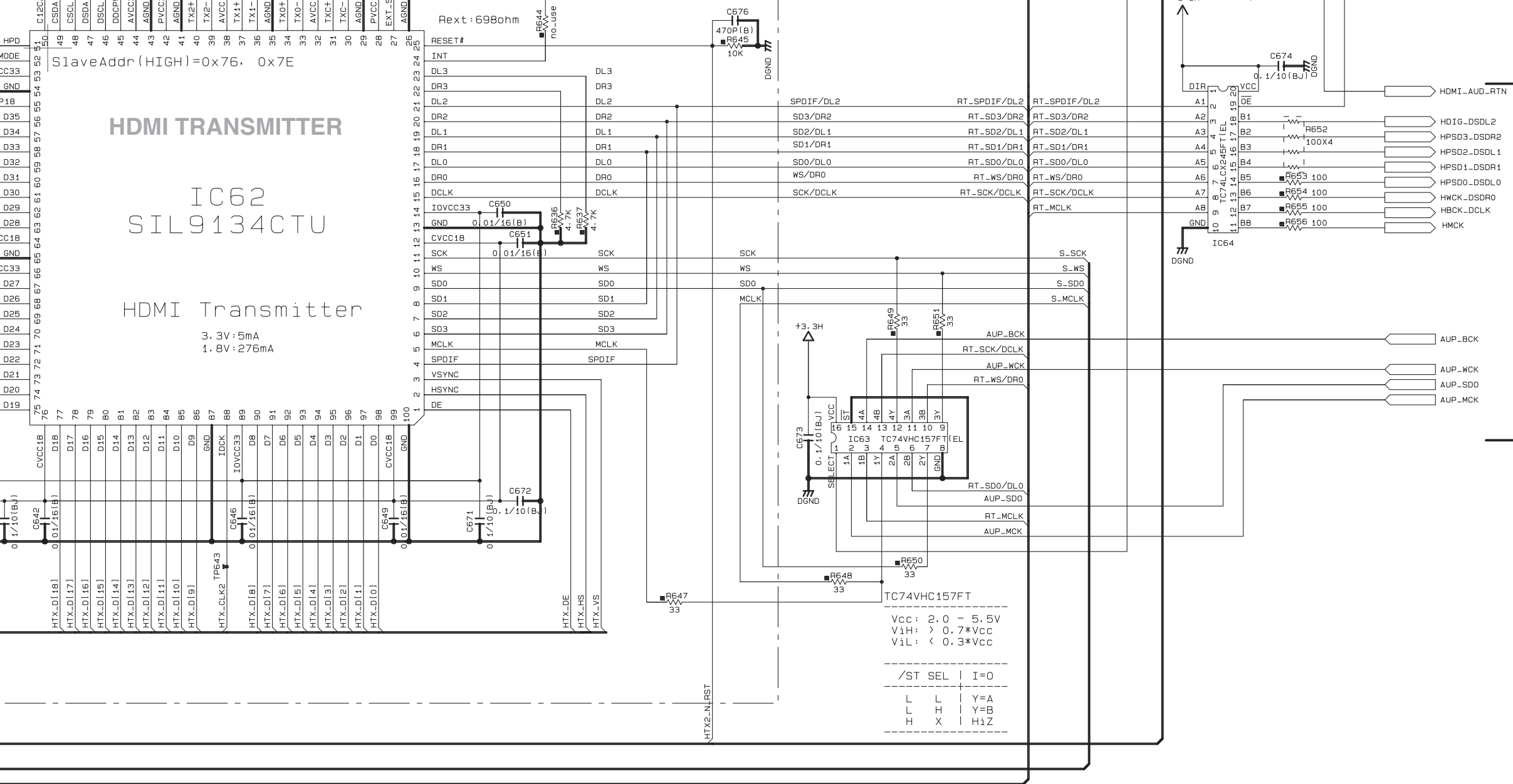
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
☑	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊠	METAL PLATE RESISTOR
▨	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

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

NOTICE (model)
(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
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(P)..... LATIN AMERICA
(S)..... BRAZIL
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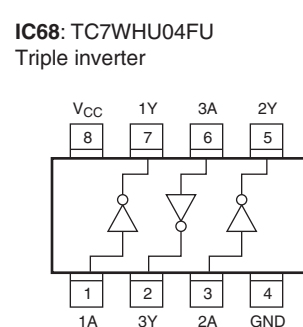
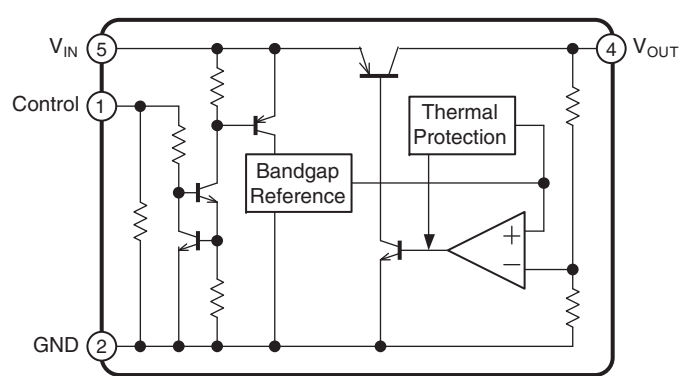
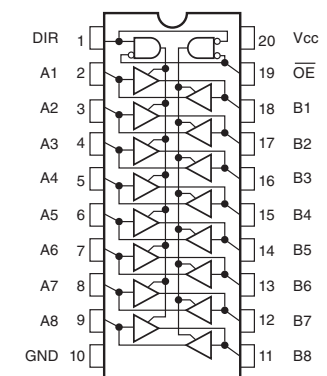
K2: HTX_CLK1

HTX-VS, HTX-HS, HTX-D[35-0], HTX-DE, HTX-CLK2, HTX-CLK1

To 004. sht
(FPGA)

to DIGITAL1 4/9

IC64: TC74LCX245FT
Low voltage octal bus transceiver
with 5-V tolerant inputs and outputs



- ★ 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.

- 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-A3010/RX-V3071

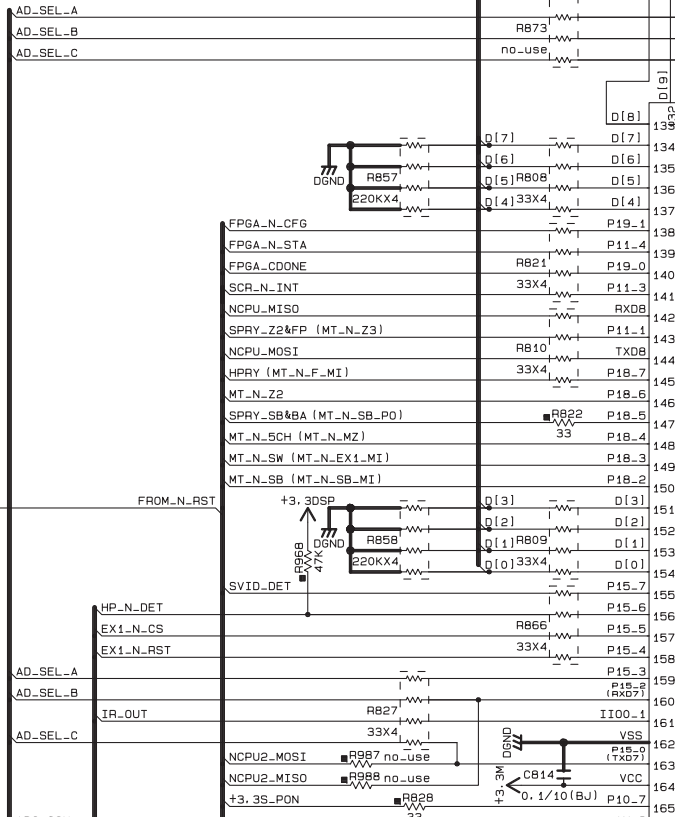
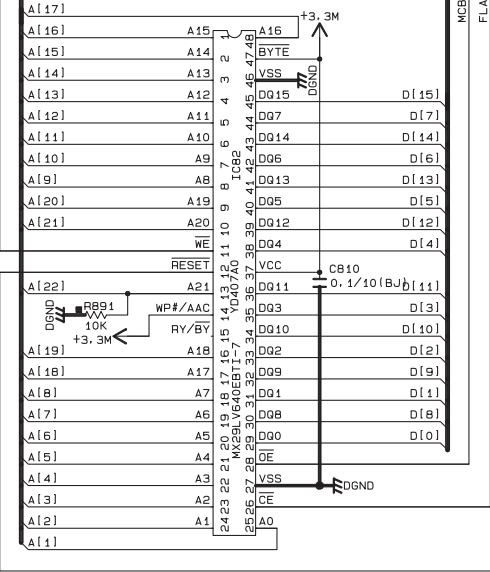
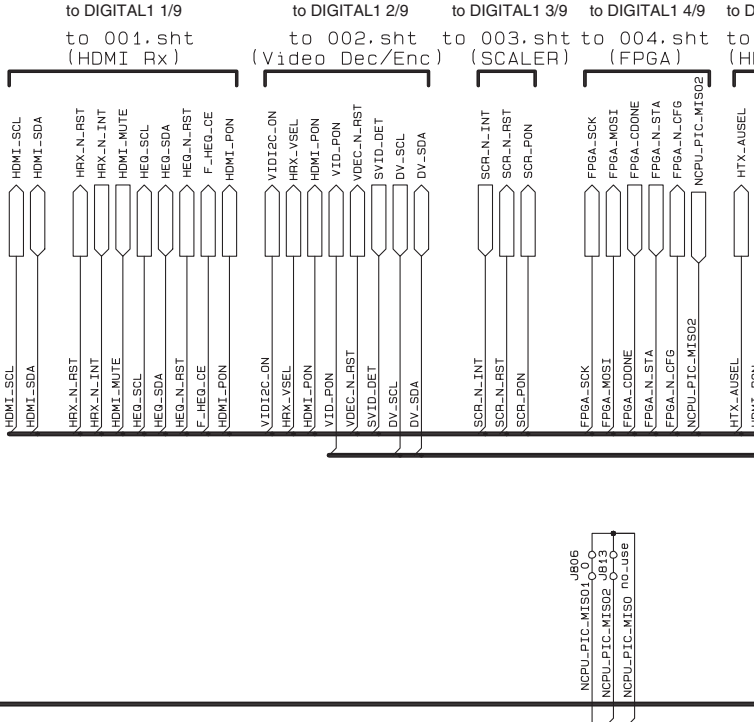
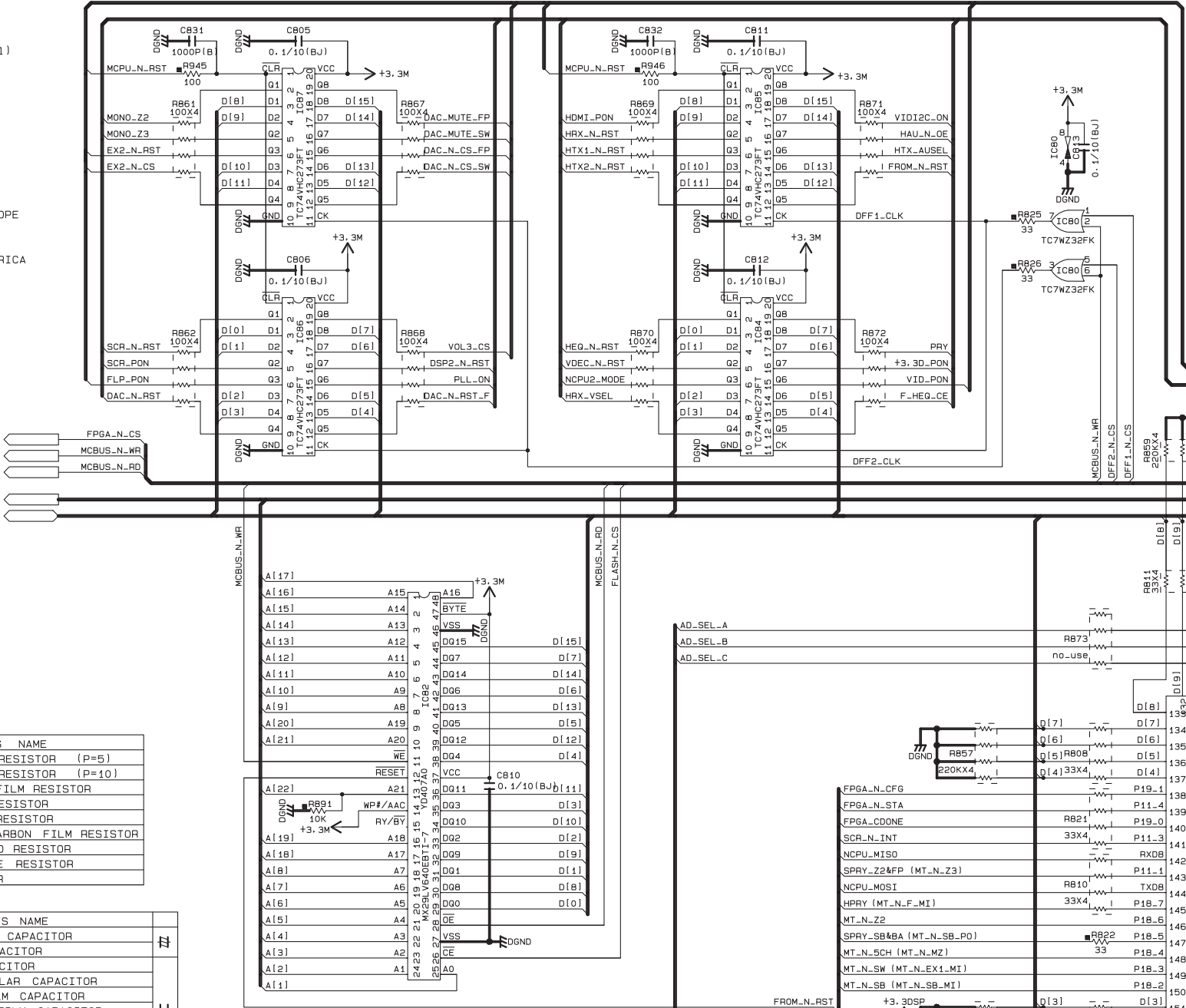
DIGITAL1 6/9

NOTICE (model)
(J)..... JAPAN
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(P)..... LATIN AMERICA
(S)..... BRAZIL
(H)..... THAI

to DIGITAL1 3/9
(FPGA)
FPGA-N-CS
MCBUS-N-WR
MCBUS-N-RD
A[0~22]
D[0~15]

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
	MICA CAPACITOR
	POLYPROPYLENE FILM CAPACITOR
	SEMICONDUCTIVE CERAMIC CAPACITOR

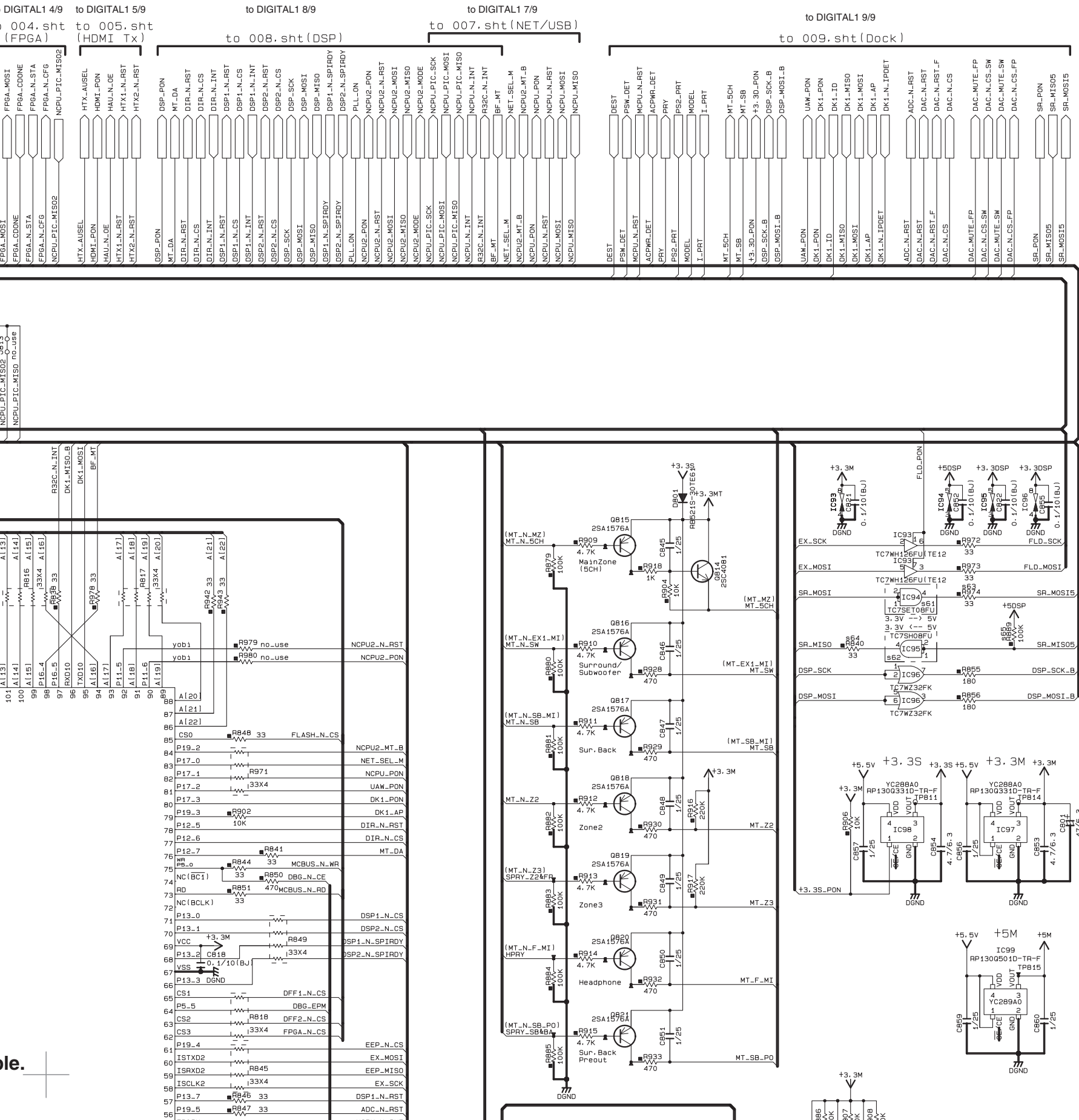


MICROPROCESSOR

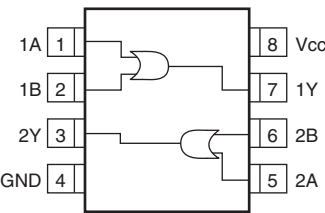


No replacement part available.
サービス部品供給なし

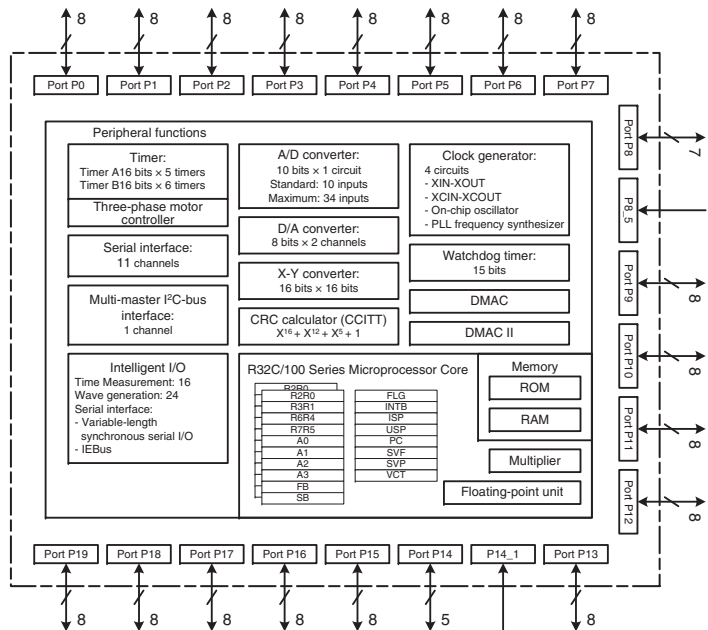
A	B
C	D



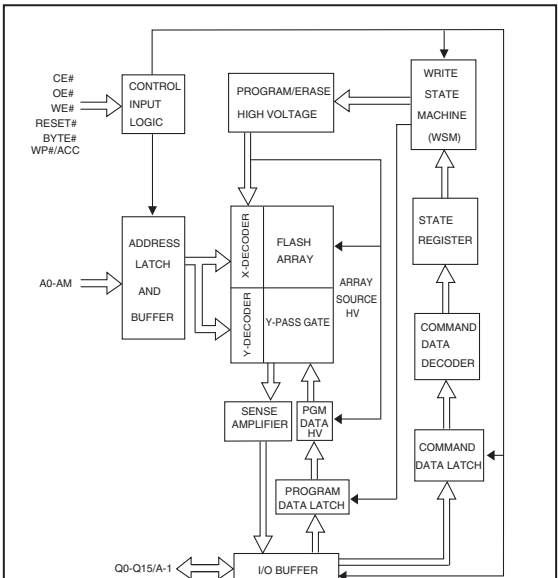
IC80, 96: TC7WZ32FK (TE85L, F)
Dual 2-input OR gate



IC81: R5F6416MADFE
Single chip 32-bit microprocessor



IC82: MX29LV640EBTI-70G
64 M-bit single voltage 3 V only flash memory



6

7

8

9

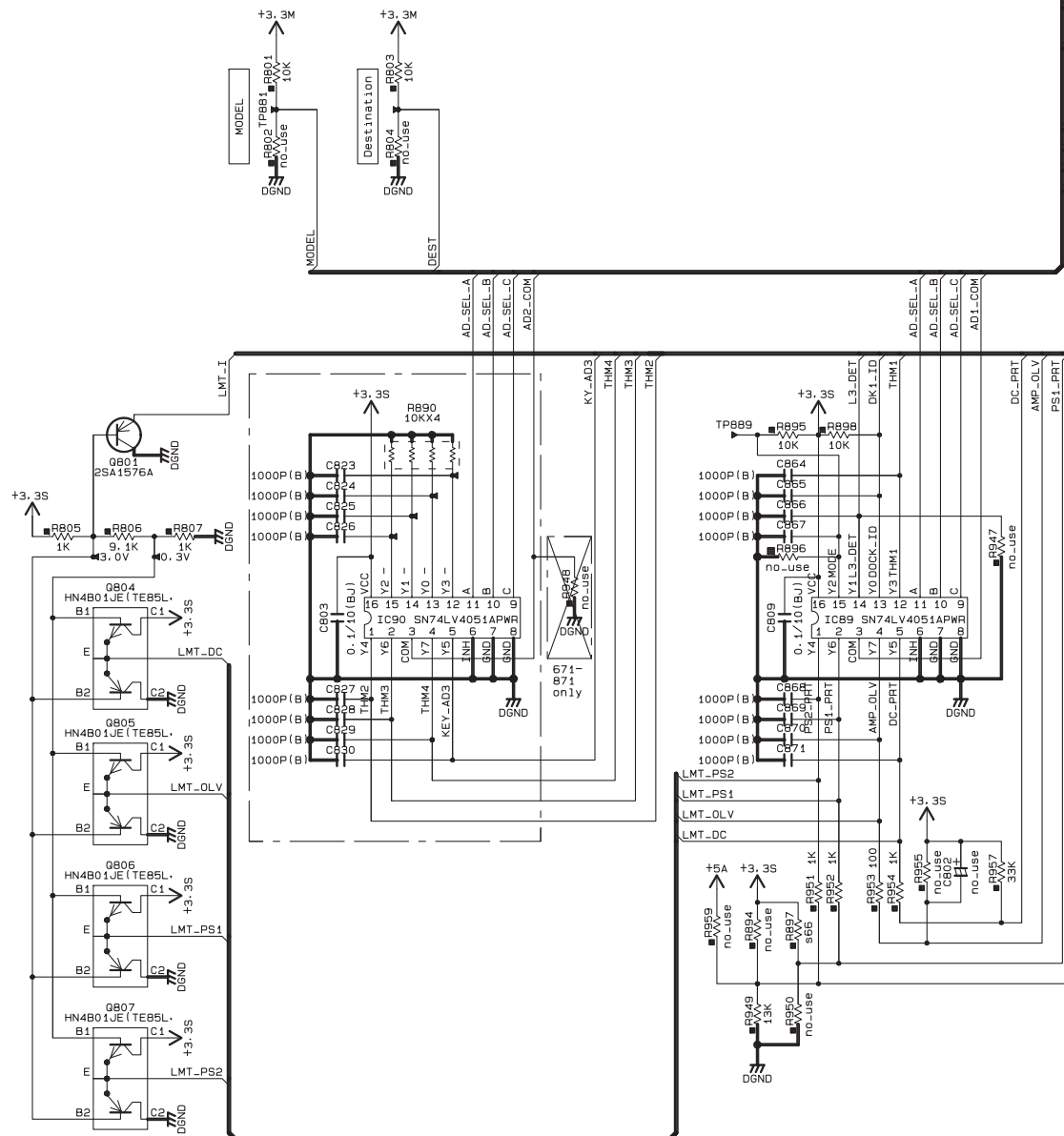
10

132

RX-A3010/RX-V3071

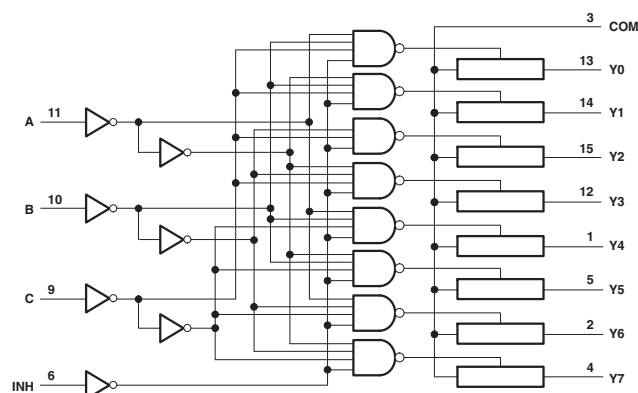
A	B
C	D

DIGITAL1 6/9



IC89, 90: SN74LV4051APWR
8-channel analog multiplexers/demultiplexers

INPUTS				ON CHANNEL
INH	C	B	A	
L	L	L	L	Y0
L	L	L	H	Y1
L	L	H	L	Y2
L	L	H	H	Y3
L	H	L	L	Y4
L	H	L	H	Y5
L	H	H	L	Y6
L	H	H	H	Y7
H	X	X	X	None



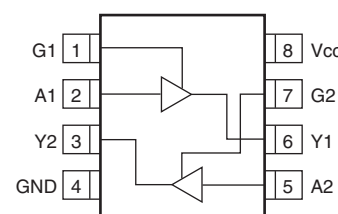
IC91: TC74VHC86FT (EL)
Quad exclusive OR gate

A	B	Y
L	L	L
L	H	H
H	L	H
H	H	L

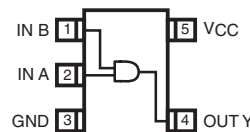
IC92: SN74LVC1G17DCKR
Single schmitt-trigger buffer

INPUT	OUTPUT
A	Y
H	H
L	L

IC93: TC7WH126FU
Dual bus buffer

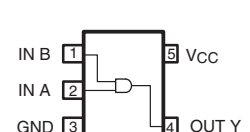


IC94: TC7SET08FU
2 input AND gate



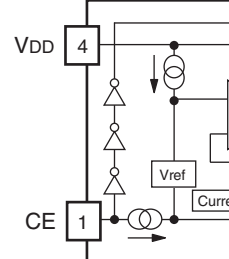
A	B	Y
L	L	L
L	H	L
H	L	L
H	H	H

IC95: TC7SH08FU
2-input AND gate

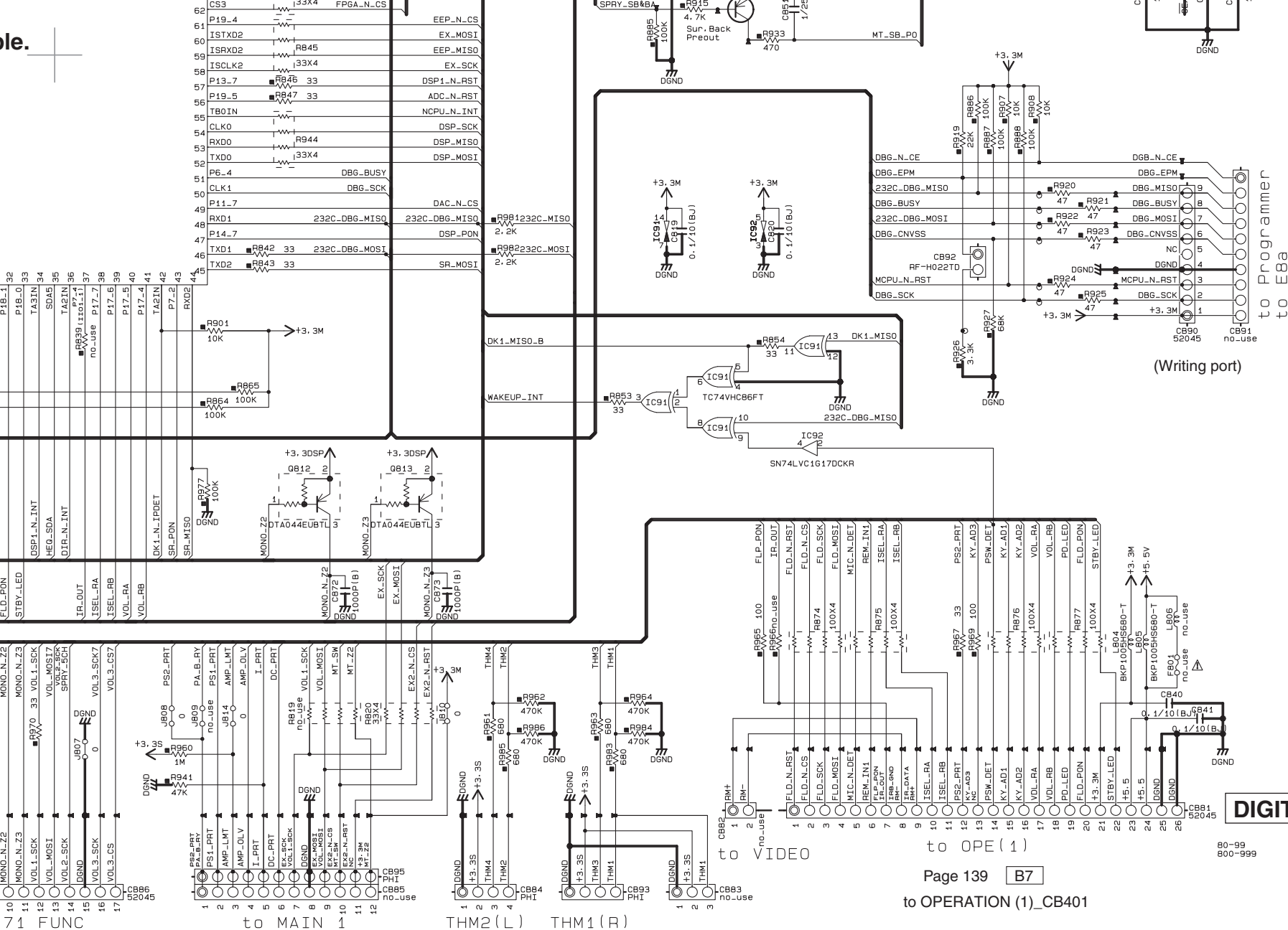


A	B	Y
L	L	L
L	H	L
H	L	L
H	H	H

IC97, 98: RP130C
Voltage regulator

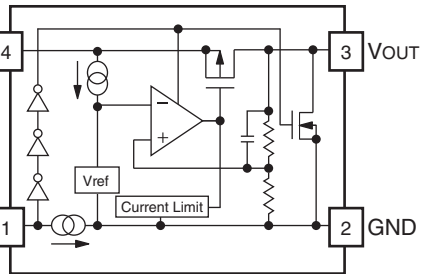


No replacement part available.
サービス部品供給なし



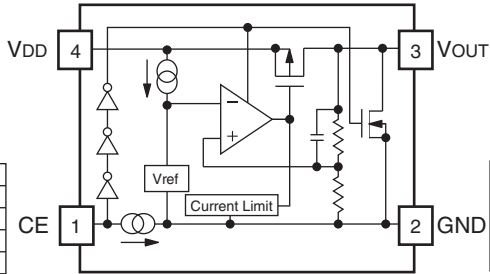
Page 142 **B2** to AMPPOWER (1)_W1800
Page 140 **D2** to AMP (5)_W1002
Page 140 **B2** to AMP (4)_W1001

C97, 98: RP130Q331D-TR-F
Voltage regulator

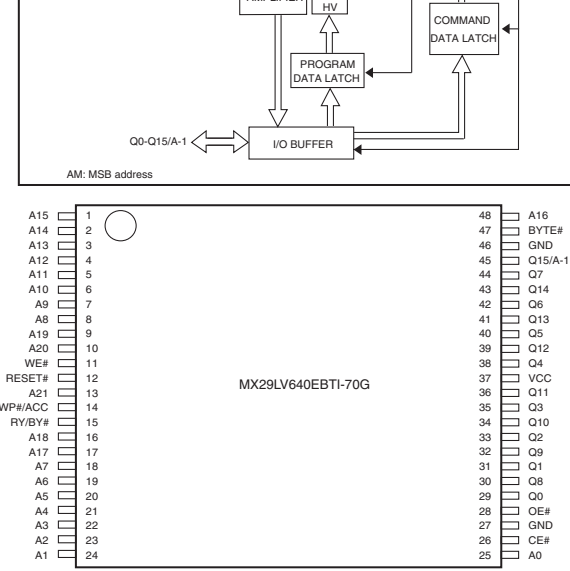


Pin No.	Symbol	Description
1	CE	Chip Enable ("H" Active)
2	GND	Ground Pin
3	VOUT	Output Pin
4	VDD	Input Pin

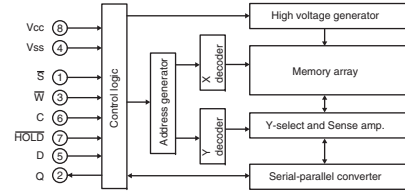
IC99: RP130Q501D-TR-F
Voltage regulator



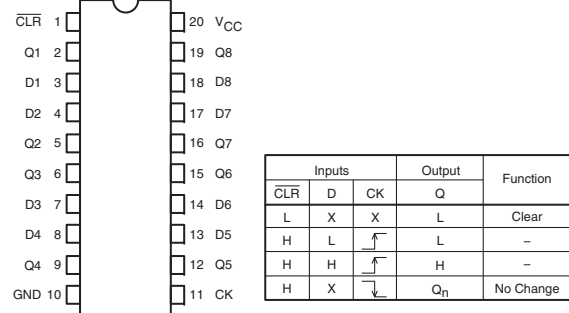
Pin No.	Symbol	Description
1	CE	Chip Enable ("H" Active)
2	GND	Ground Pin
3	VOUT	Output Pin
4	VDD	Input Pin



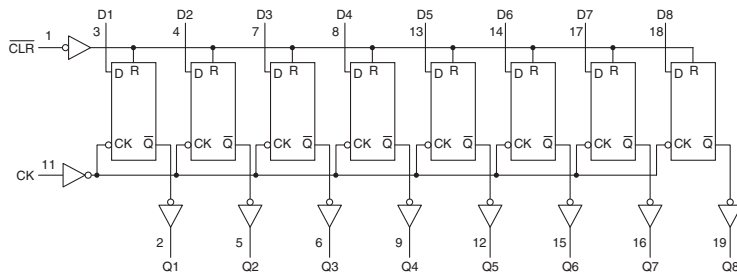
IC83: R1EX25512ATA00A
64 K word x 8-bit serial peripheral interface EEPROM



IC84-87: TC74VHC273FT (EL,K)
Octal D-type flip-flop with clear



Inputs		Output		Function
CLR	D	CK	Q	
L	X	X	L	Clear
H	L		L	-
H	H		H	-
H	X		Q _n	No Change



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