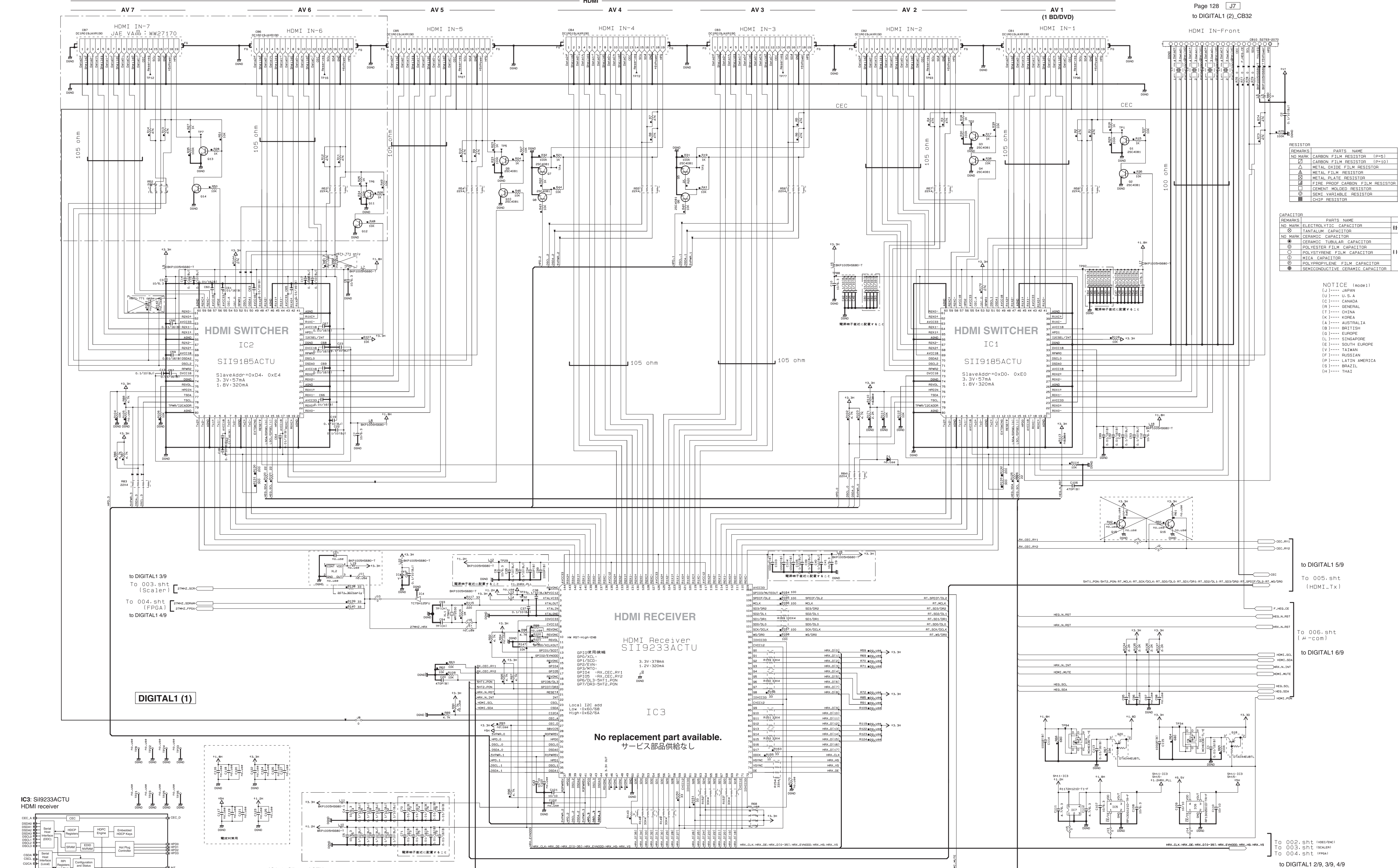


SCHEMATIC DIAGRAMS
DIGITAL1 1/9

RX-A3010/RX-V3071

Page 128 J7
to DIGITAL1 (2)_CB32



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
△	CERAMIC CAPACITOR
△	CERAMIC TUBULAR CAPACITOR
△	POLYESTER FILM CAPACITOR
△	POLYSTYRENE FILM CAPACITOR
△	MICA CAPACITOR
△	POLYPROPYLENE FILM CAPACITOR
△	SEMICONDUCTIVE CERAMIC CAPACITOR

NOTICE (Inode1)
(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

HDMI RECEIVER
HDMI Receiver
SII9233ACTU
IC3

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

Sheet 1: HDMI Rx
IC/CB/XL: 1-300
OTHER: 1-300

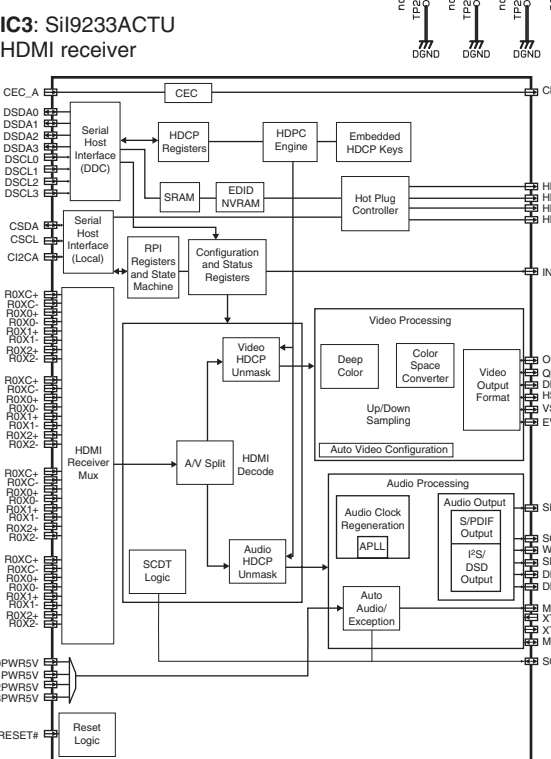
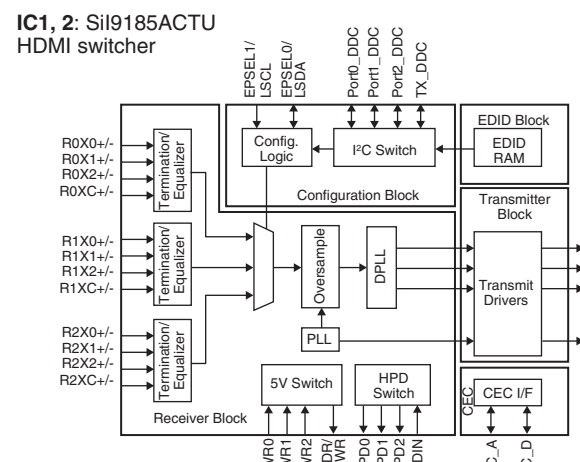
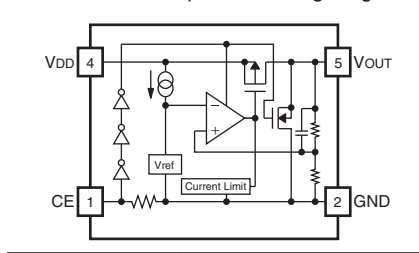
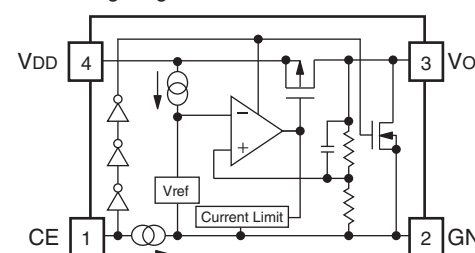
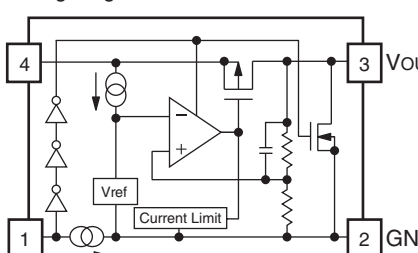
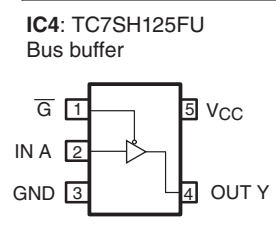
★ Components having special characteristics are marked △ and must be replaced with parts having specifications equal to those originally installed.
★ Schematic diagram is subject to change without notice.

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● 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。

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

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

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

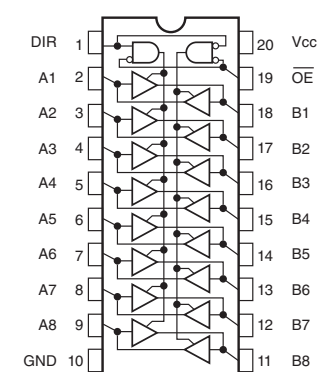


S-Video

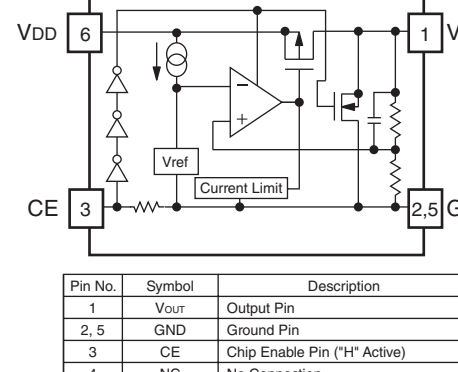


RESISTOR	
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
☒	CARBON FILM RESISTOR (P=10)
☐	METAL OXIDE FILM RESISTOR
☐	METAL FILM RESISTOR
☒	METAL PLATE RESISTOR
☒	FIRE PROOF CARBON FILM RESISTOR
☐	CEMENT MOLDED RESISTOR
☒	SEMI VARIABLE RESISTOR
☐	CHIP RESISTOR

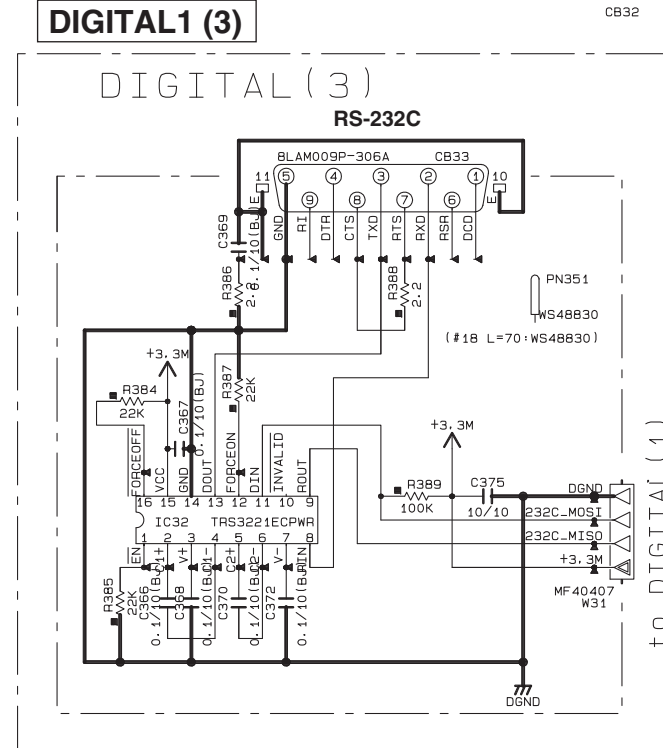
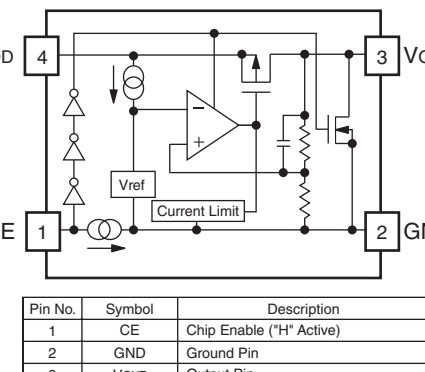
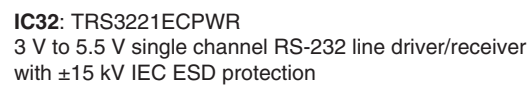
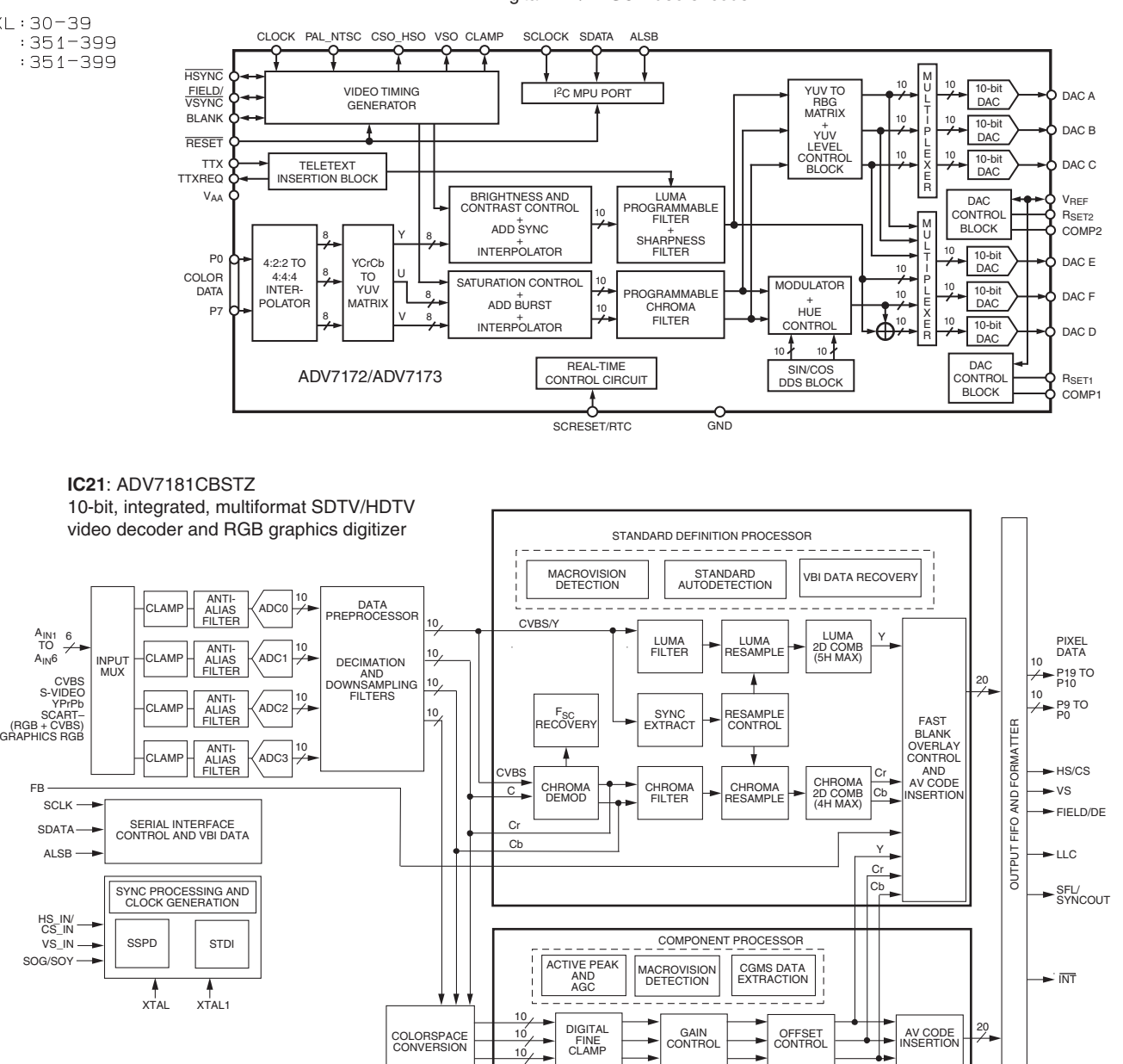
IC23-25: TC74LCX245FT
Low voltage octal bus transceiver
with 5-V tolerant inputs and outputs



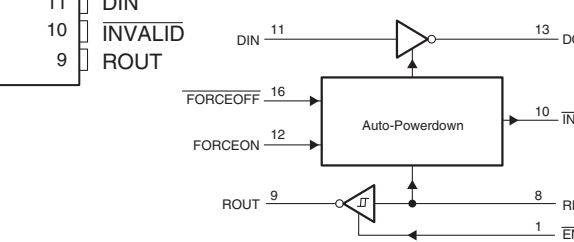
IC26: R1172S331D-E2-F
CMOS-based positive-voltage regulator IC



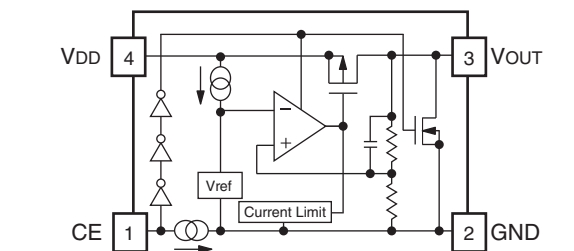
IC27: RP130Q18
Voltage regulator

Page 127 L1
to DIGITAL1 (1)_CB10Page 132 D9
to DIGITAL1 (1)_CB88

EN	1	16	FORCEOFF
C1+	2	15	V _{CC}
V+	3	14	GND
C1-	4	13	DOUT
C2+	5	12	FORCEON
C2-	6	11	DIN
V-	7	10	INVALID
RIN	8	9	ROUT

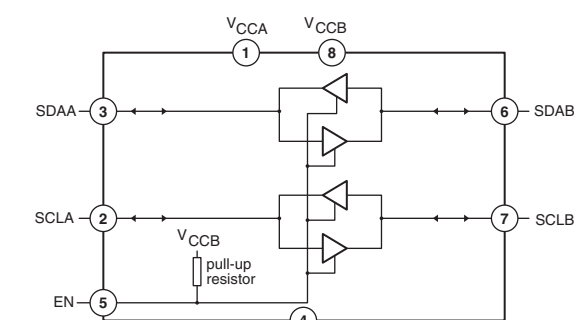


IC33: RP130Q331D-TR-F
Voltage regulator



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

IC34: PCA9517ADP
Level translating I²C-bus repeater



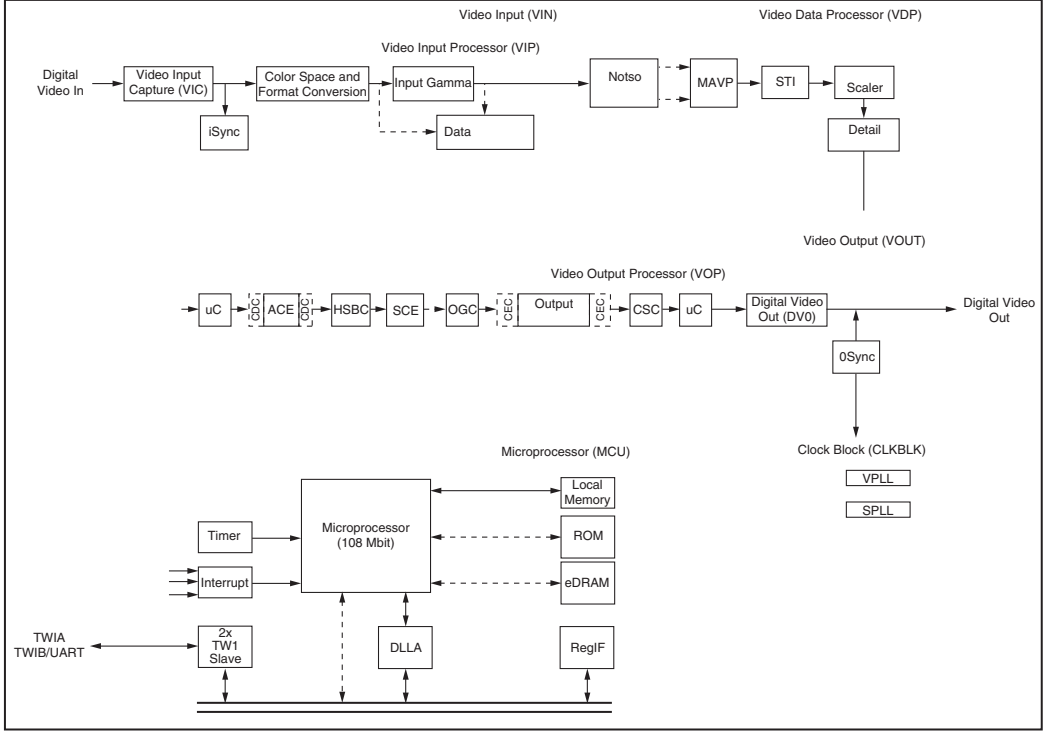
IC22: ADV7172KSTZ
Digital PAL/NTSC video encoder

DIGITAL1 3/9

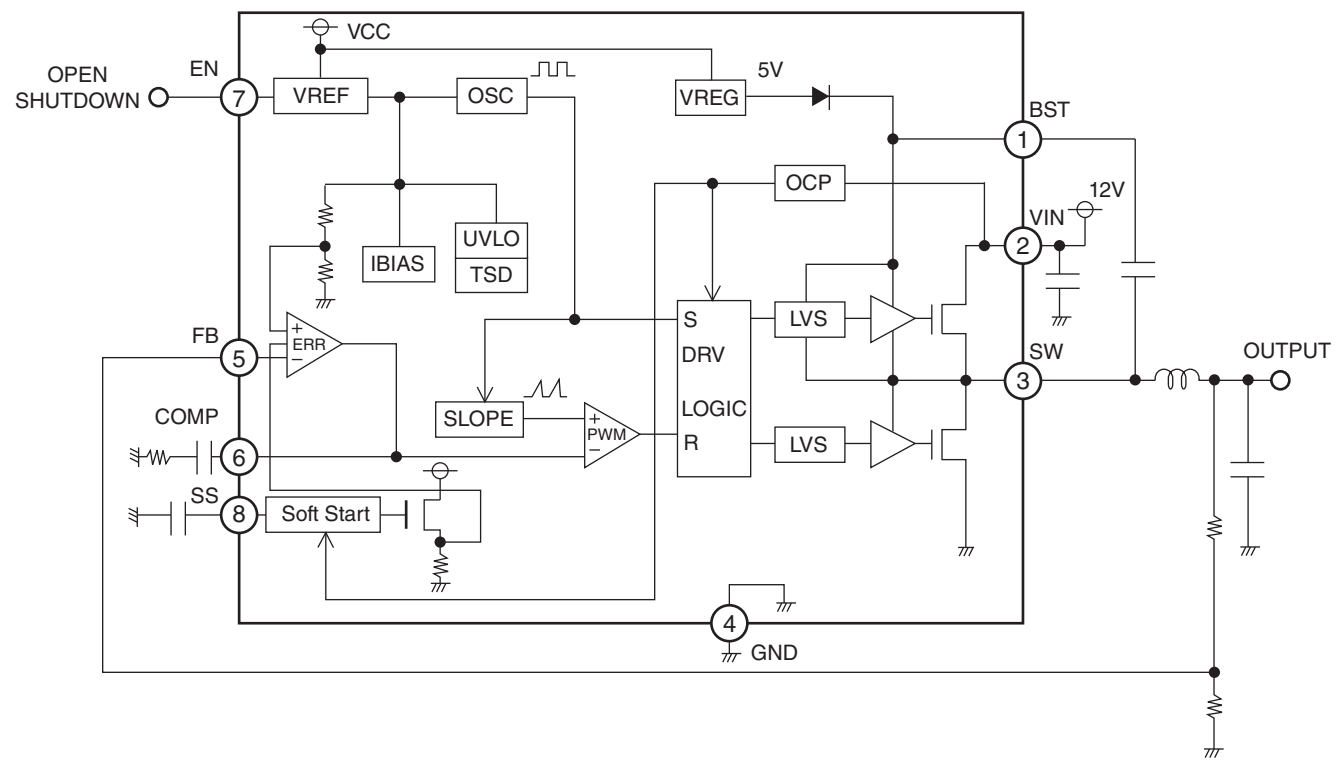
DIGITAL1 (1)

2071, 3071 only

IC41: VHD1900EVG
Video processor



IC42: BD9329AEFJ-E2
1ch step-down DC/DC converter



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	

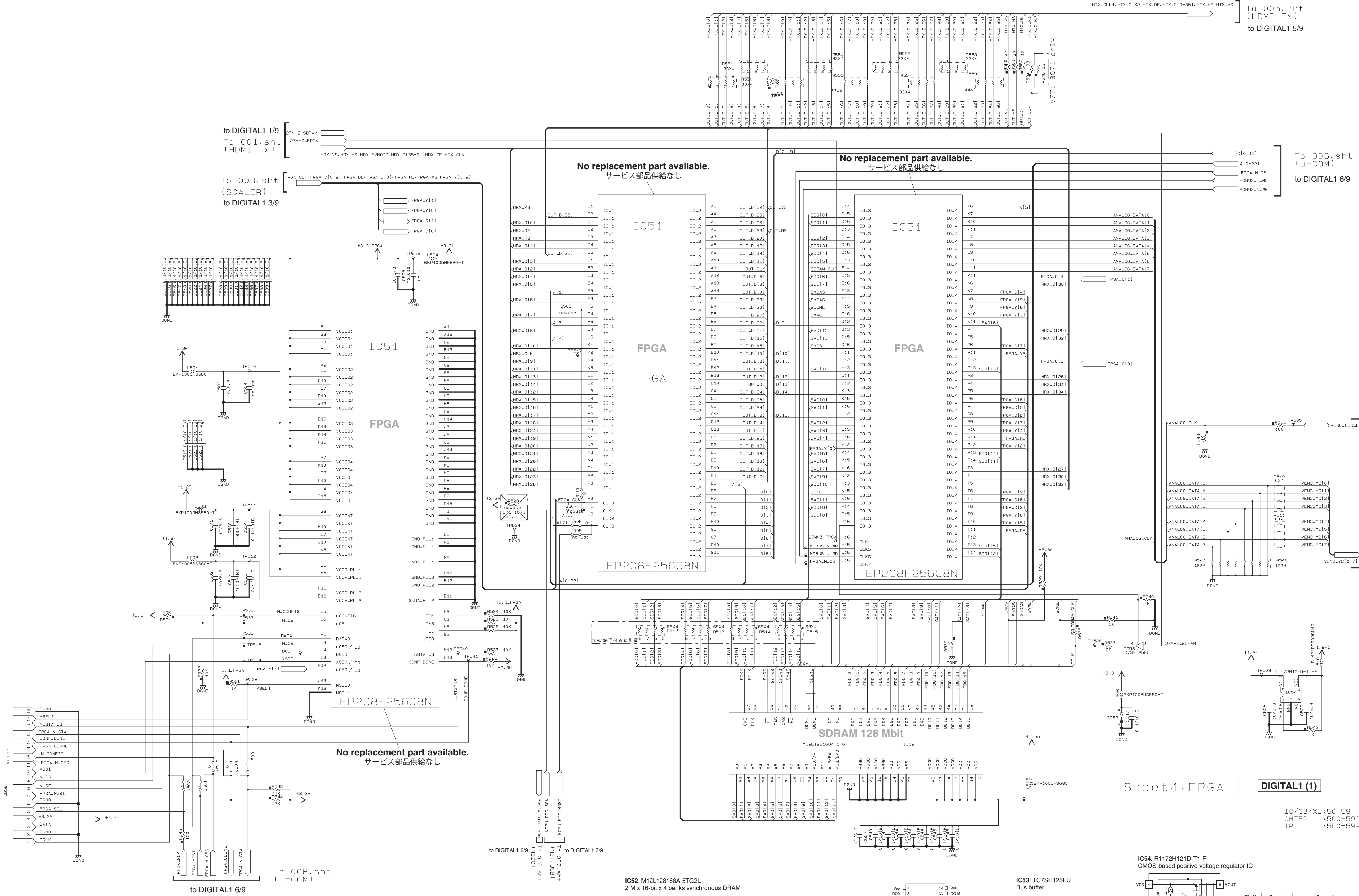
Sheet3:Scaler

IC/CB/XL: 40-
OHTER : 400-499
TP : 400-499

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★ Schematic diagram is subject to change without notice.

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DIGITAL1 4/9

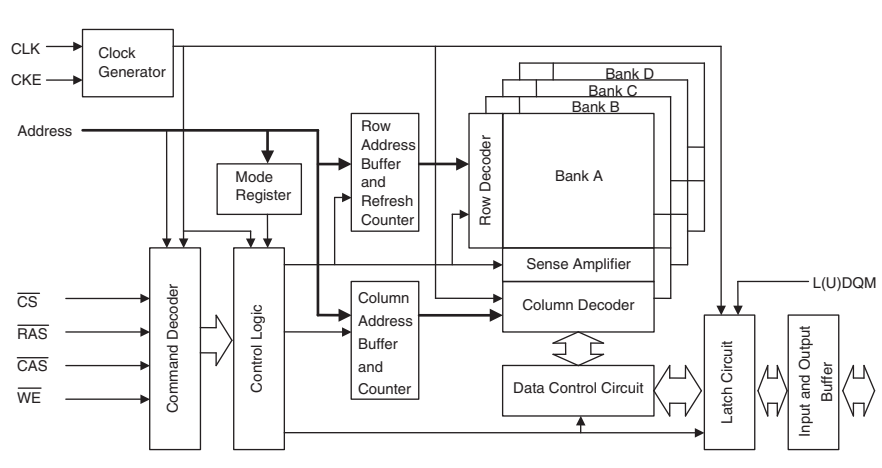


NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
(P)..... LATIN AMERICA
(S)..... BRAZIL
(H)..... THAI

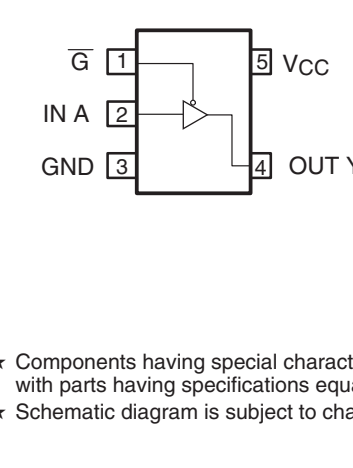
REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (PWS)	NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	CARBON FILM RESISTOR (P-10)	NO MARK	TANTALUM CAPACITOR
△	METAL OXIDE FILM RESISTOR	△	CERAMIC CAPACITOR
△	METAL FILM RESISTOR	△	CERAMIC TUBULAR CAPACITOR
△	METAL PLATE RESISTOR	△	POLYSTYRENE FILM CAPACITOR
△	FIRE PROOF CARBON FILM RESISTOR	△	MICA CAPACITOR
△	CEMENT HOLED RESISTOR	△	POLYPROPYLENE FILM CAPACITOR
△	SEMI-VARIABLE RESISTOR	△	SEMICONDUCTOR CERAMIC CAPACITOR
■	CHIP RESISTOR		

REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR	NO MARK	TANTALUM CAPACITOR
△	CERAMIC CAPACITOR	△	CERAMIC TUBULAR CAPACITOR
△	POLYSTYRENE FILM CAPACITOR	△	MICA CAPACITOR
△	POLYPROPYLENE FILM CAPACITOR	△	SEMICONDUCTOR CERAMIC CAPACITOR

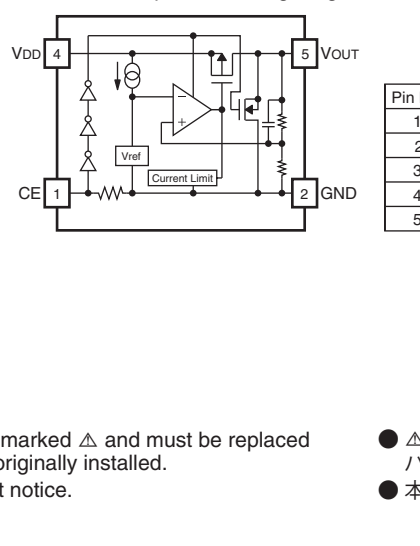
IC52: M12L128168A-5TG2L
2 M x 16-bit x 4 banks synchronous DRAM



IC53: TC7SH125FU
Bus buffer



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	Vin	Input Pin
5	Vout	Output Pin of Voltage Regulator

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★ Schematic diagram is subject to change without notice.

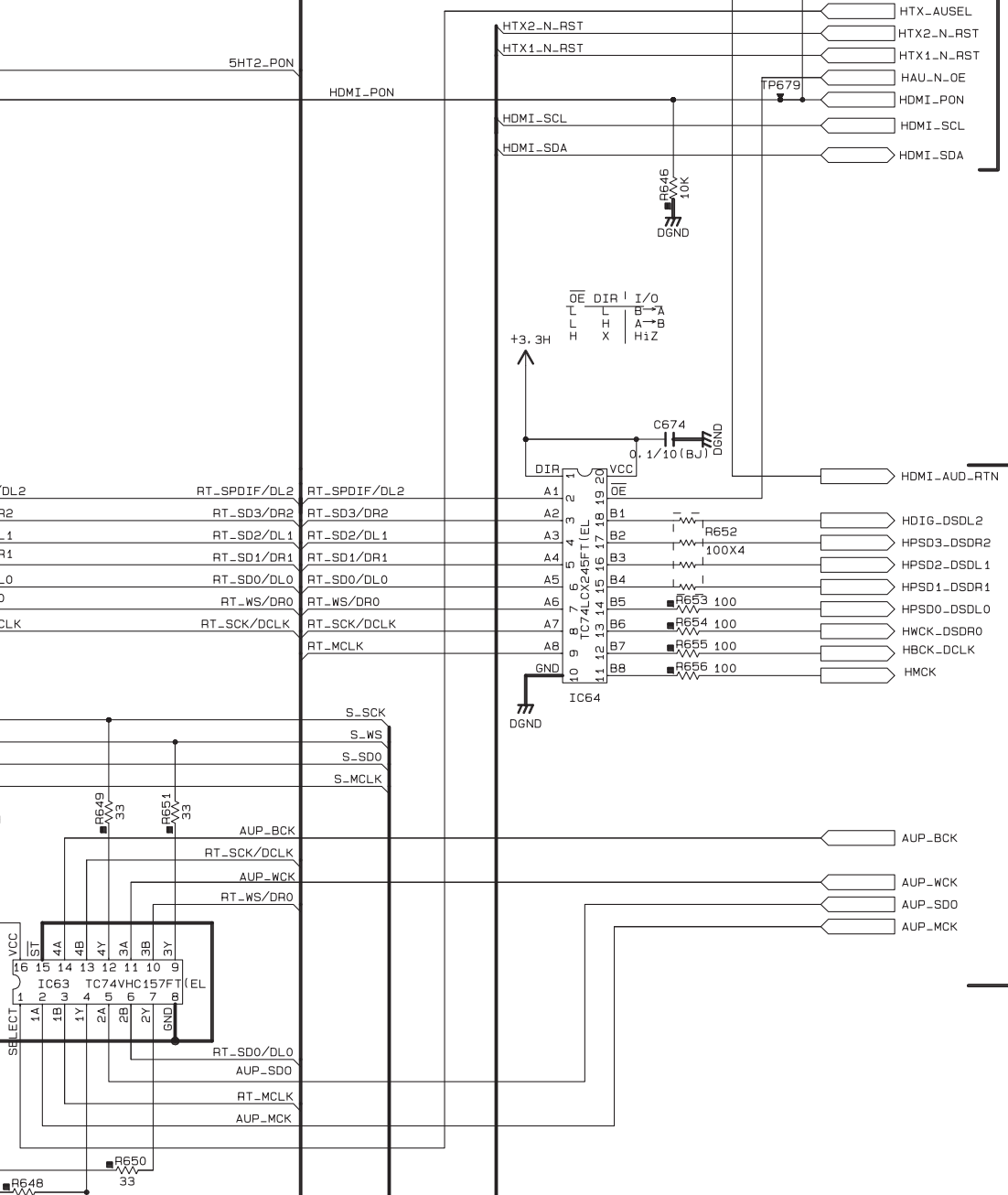
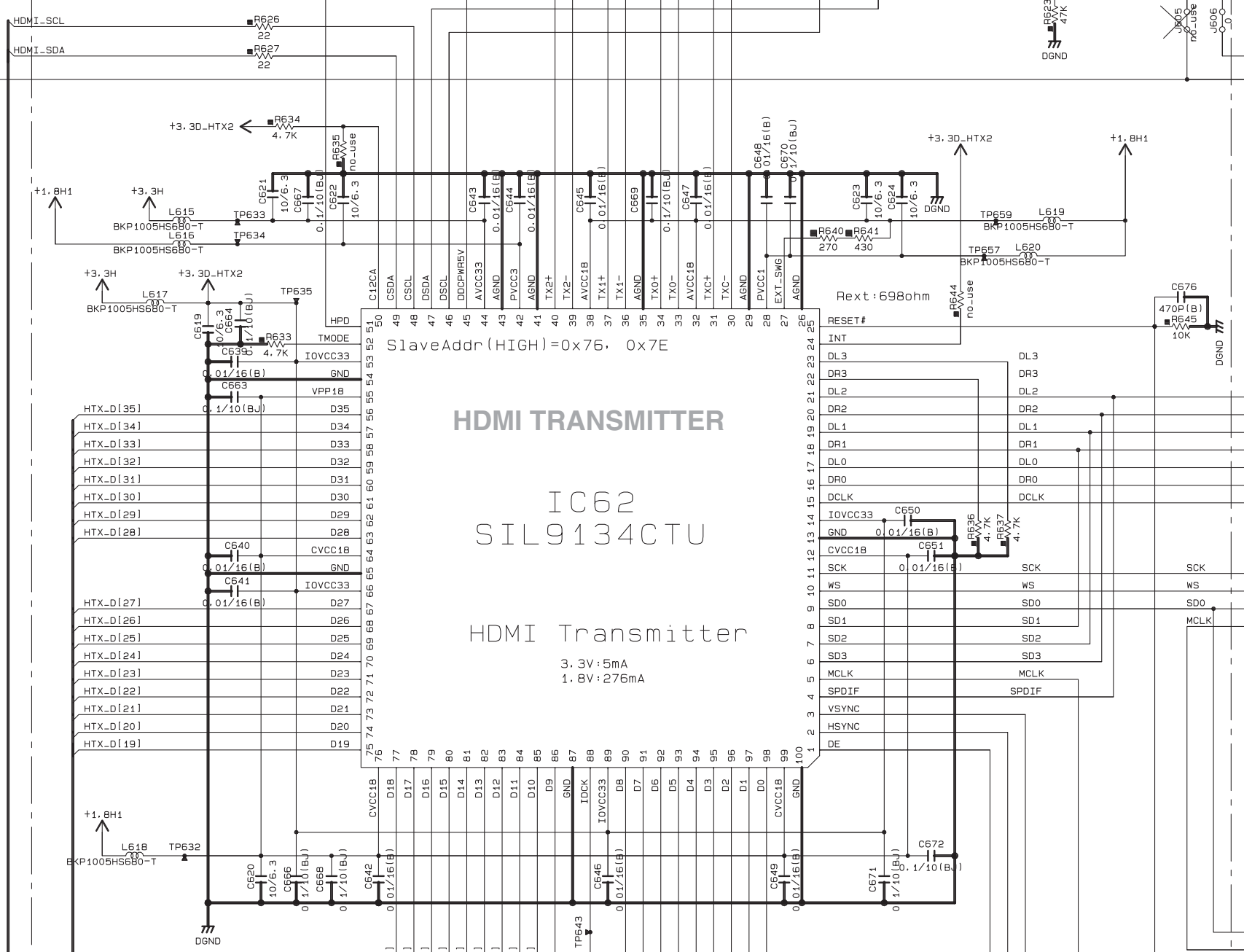
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● 本回路図は標準回路図です。改良のため予告なく変更することがあります。

CAPACITOR		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	

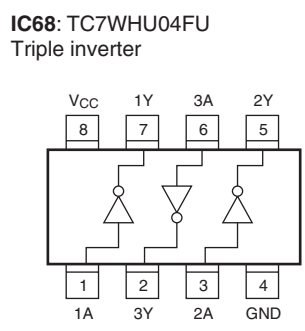
U)..... JAPAN
U)..... U. S. A
C)..... CANADA
R)..... GENERAL
T)..... CHINA
K)..... KOREA
A)..... AUSTRALIA
B)..... BRITISH
G)..... EUROPE
L)..... SINGAPORE
E)..... SOUTH EUROPE
V)..... TAIWAN
F)..... RUSSIAN
P)..... LATIN AMERIC
S)..... BRAZIL
H)..... THAI



Differential Impedance: 105 ohm



to DIGITAL 9/9



DIGITAL1 (1)

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