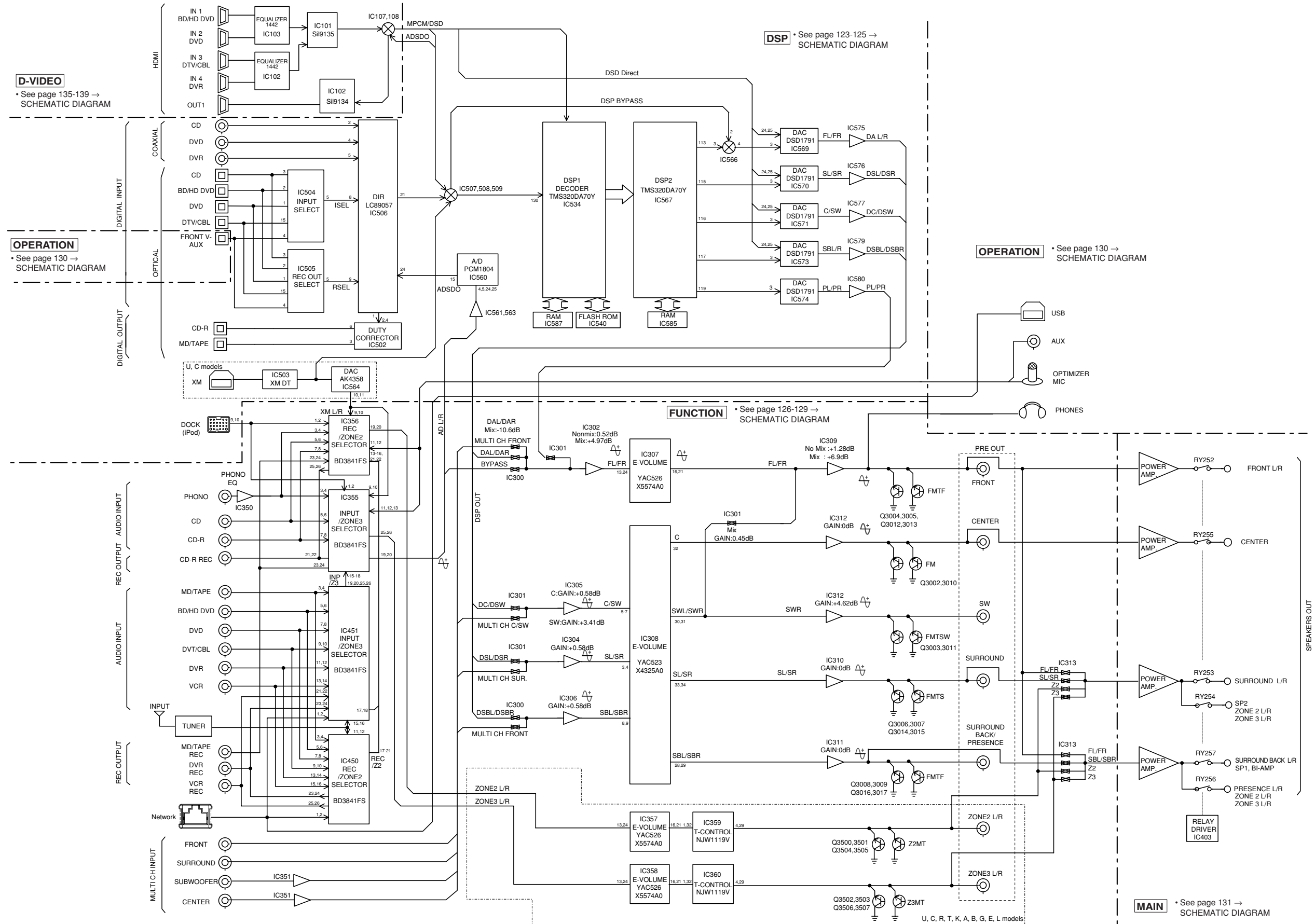


1 ■ BLOCK DIAGRAMS

AUDIO SECTION BLOCK DIAGRAM



D-VIDEO
• See page 135-139 →
SCHEMATIC DIAGRAM

OPERATION
• See page 130 →
SCHEMATIC DIAGRAM

DSP • See page 123-125 →
SCHEMATIC DIAGRAM

OPERATION • See page 130 →
SCHEMATIC DIAGRAM

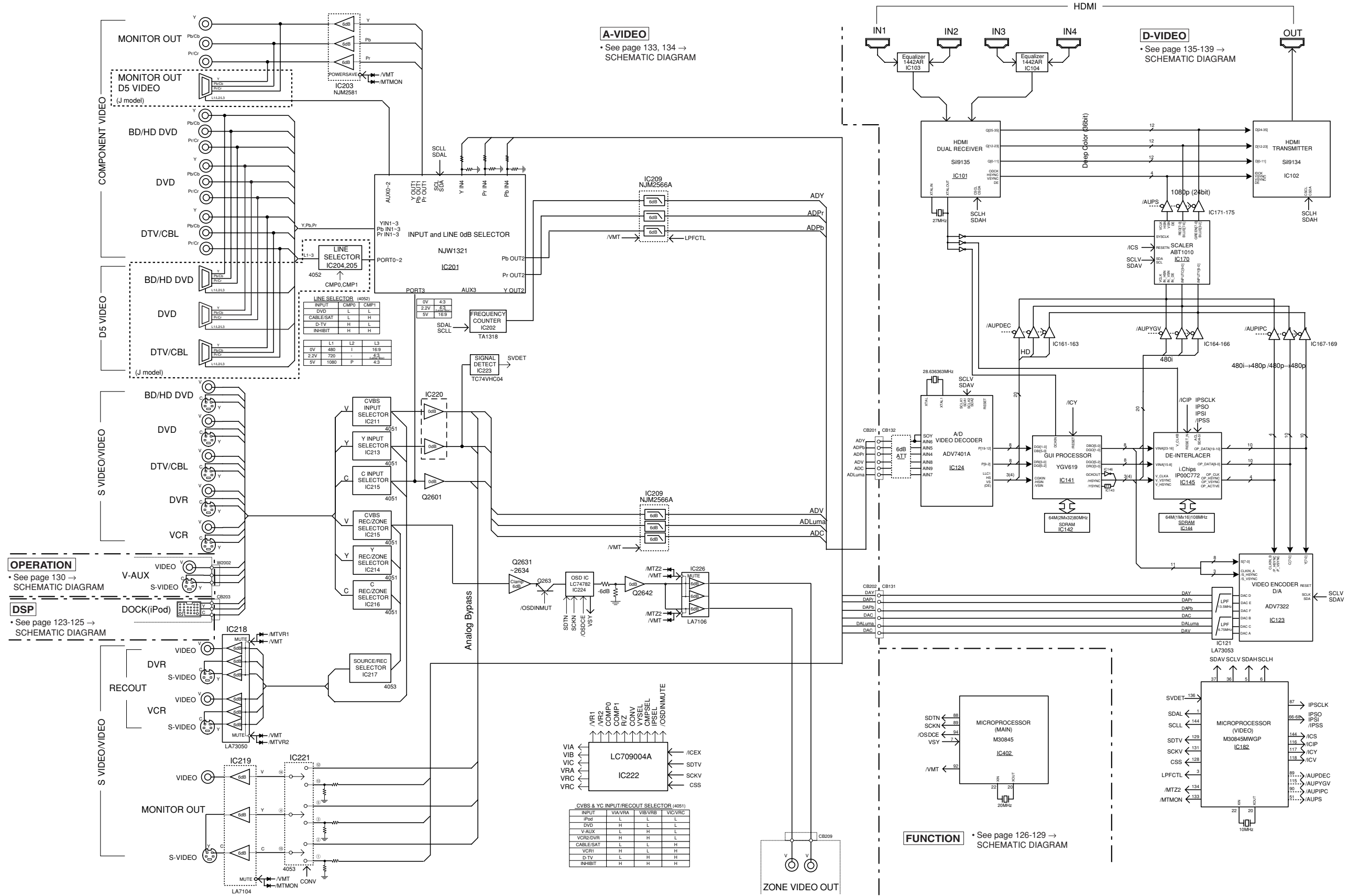
FUNCTION • See page 126-129 →
SCHEMATIC DIAGRAM

MAIN • See page 131 →
SCHEMATIC DIAGRAM

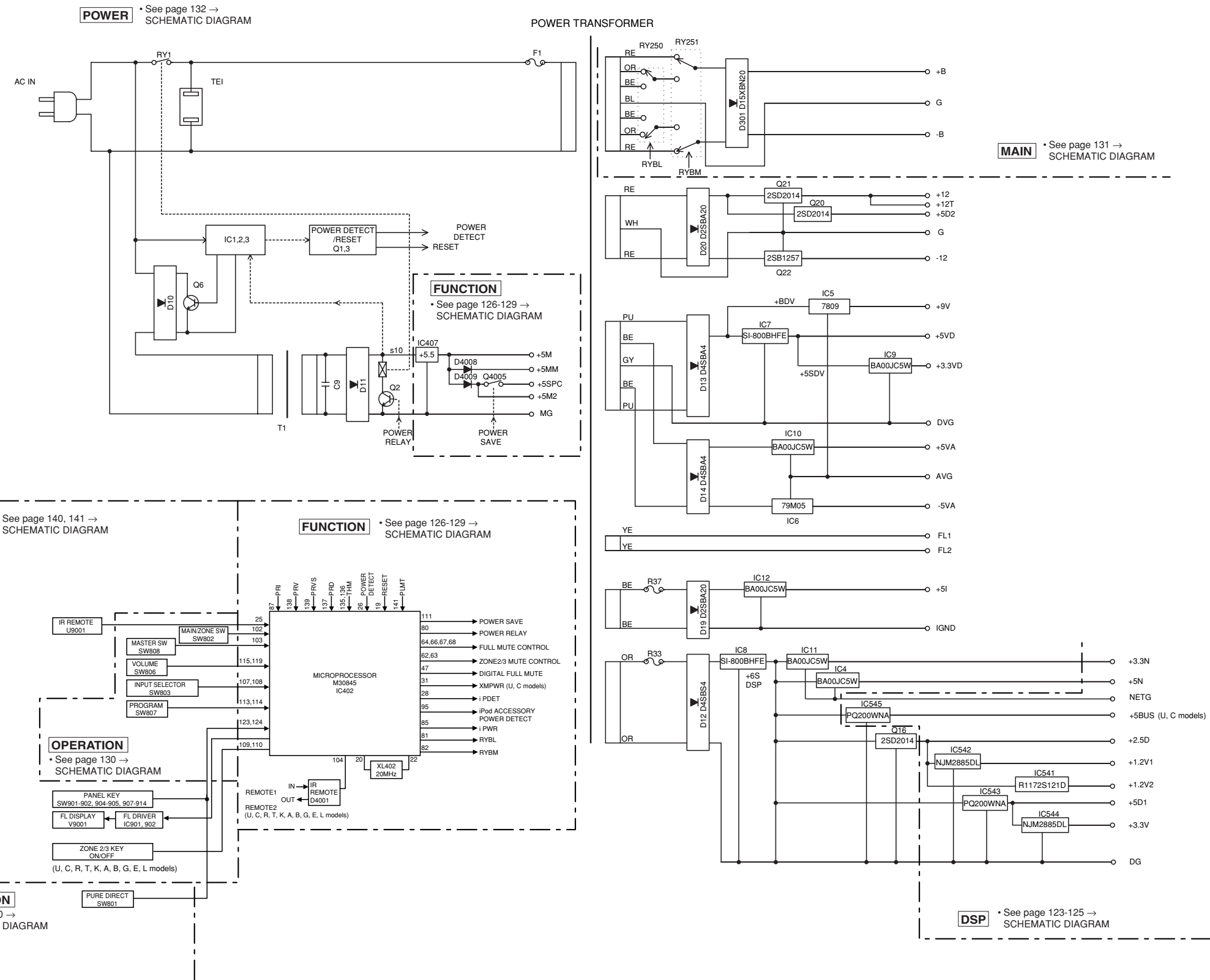
U, C, R, T, K, A, B, G, E, L models

1
2
3
4
5
6
7

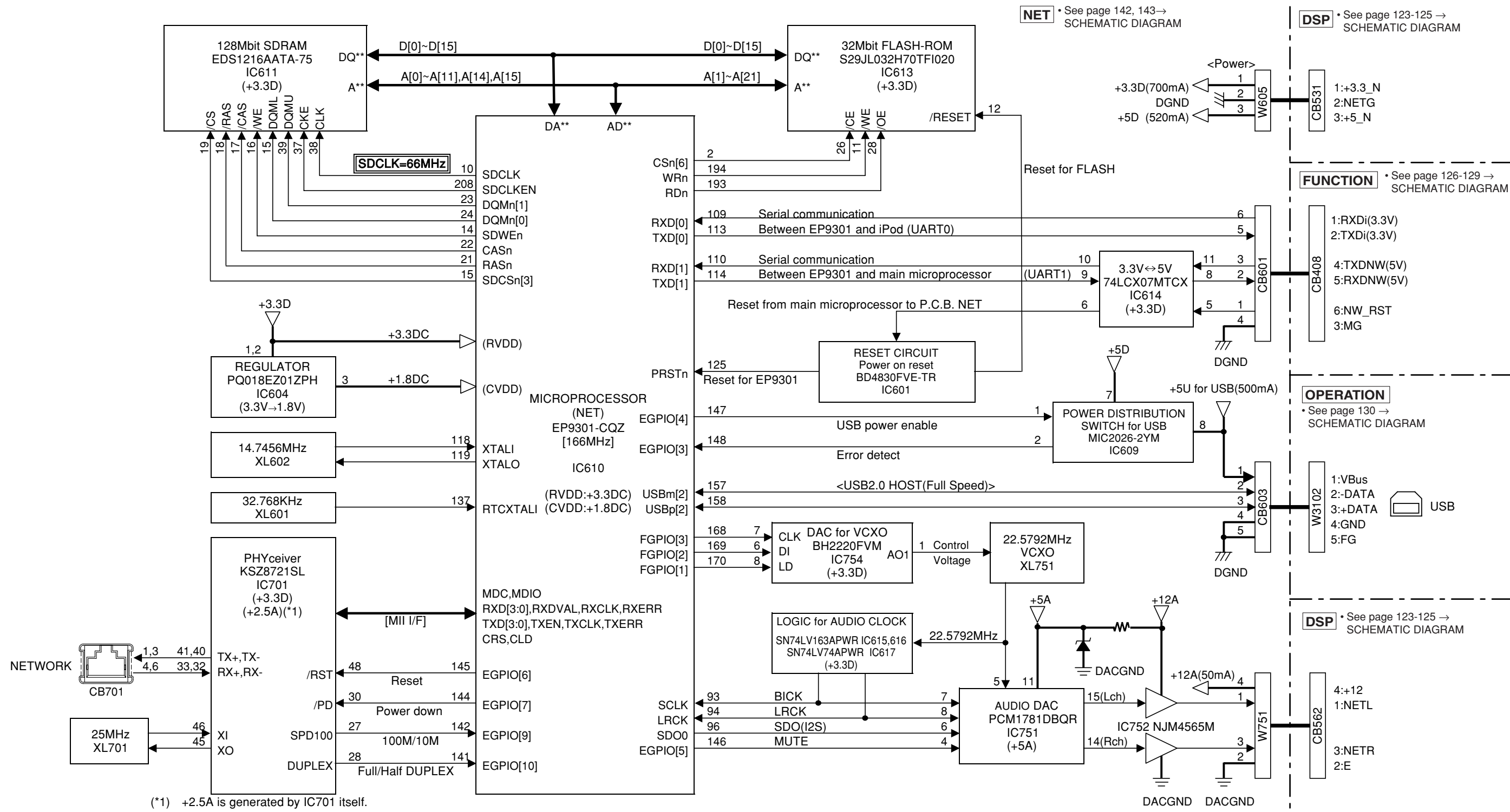
VIDEO SECTION BLOCK DIAGRAM



CONTROL/POWER SECTION BLOCK DIAGRAM



NETWORK SECTION BLOCK DIAGRAM



(*1) +2.5A is generated by IC701 itself.

NET • See page 142, 143 → SCHEMATIC DIAGRAM

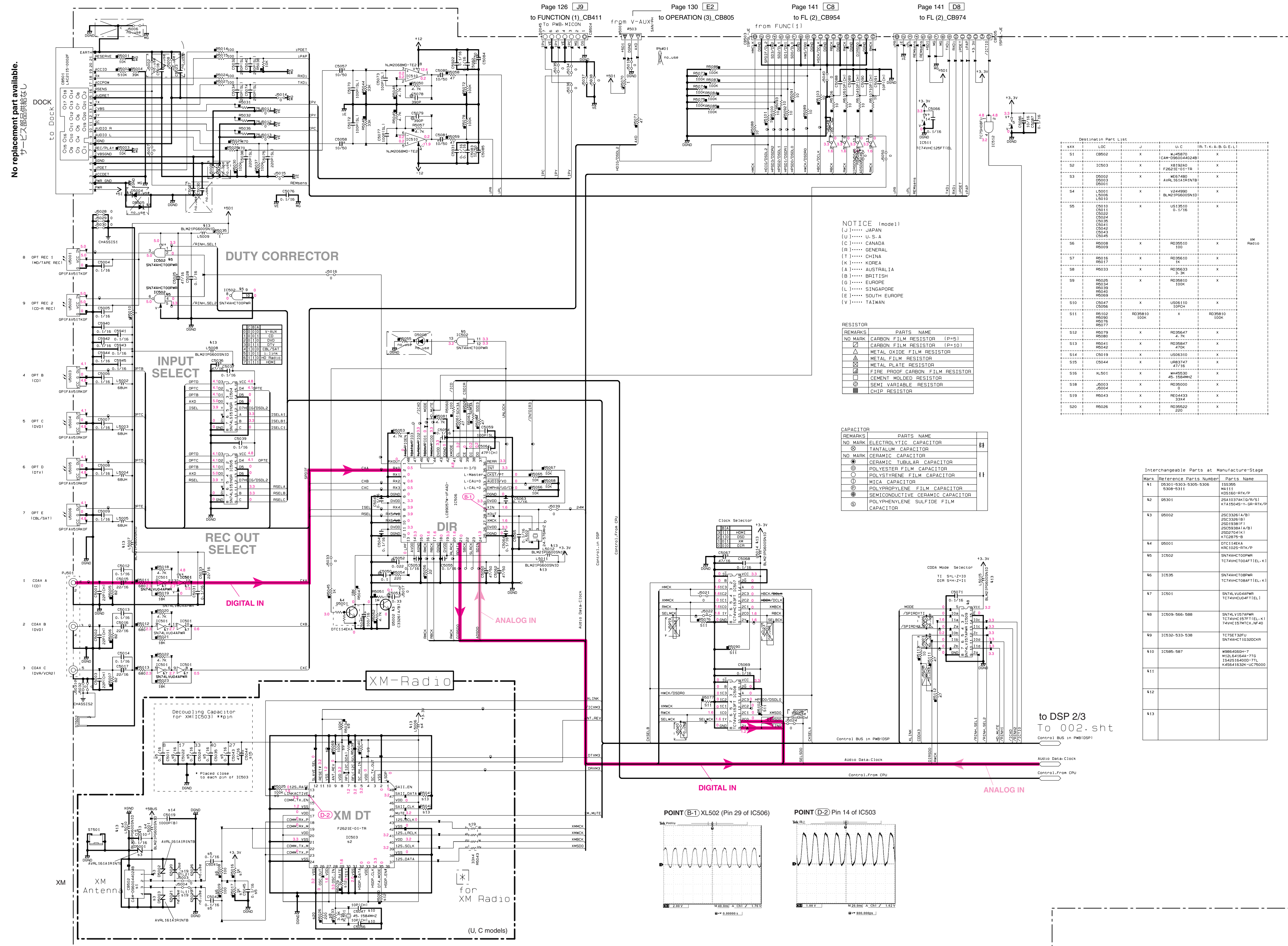
DSP • See page 123-125 → SCHEMATIC DIAGRAM

FUNCTION • See page 126-129 → SCHEMATIC DIAGRAM

OPERATION • See page 130 → SCHEMATIC DIAGRAM

DSP • See page 123-125 → SCHEMATIC DIAGRAM

SCHEMATIC DIAGRAMS
DSP 1/3



No replacement part available.
サービスマンに提供しない

1
2
3
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Page 126 [J9] to FUNCTION (1)_CB411
Page 130 [E2] to OPERATION (3)_CB805
Page 141 [C8] to FL (2)_CB954
Page 141 [D8] to FL (2)_CB974

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

RESISTOR

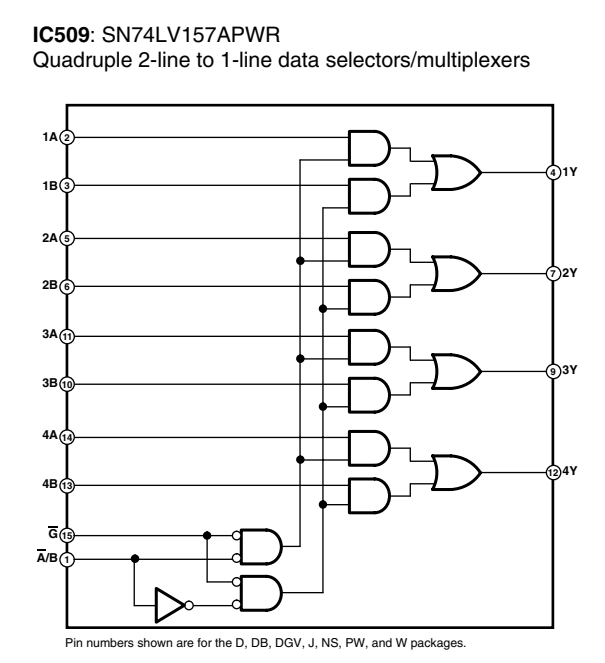
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
◇	METAL PLATE RESISTOR
○	FIRE RESIST CARBON FILM RESISTOR
◎	CEMENT MOLDED RESISTOR
⊙	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊖	TANTALUM CAPACITOR
□	CERAMIC TUBULAR CAPACITOR
○	POLYESTER FILM CAPACITOR
◇	POLYSTYRENE FILM CAPACITOR
△	MICA CAPACITOR
◇	POLYPROPYLENE FILM CAPACITOR
◎	SEMICONDUCTIVE CERAMIC CAPACITOR
⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR

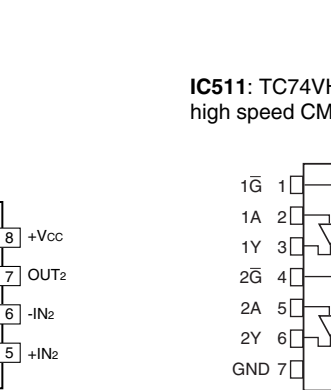
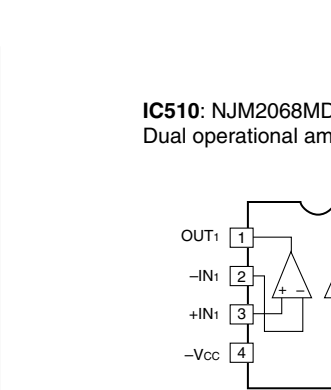
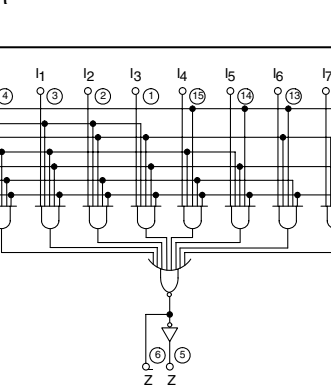
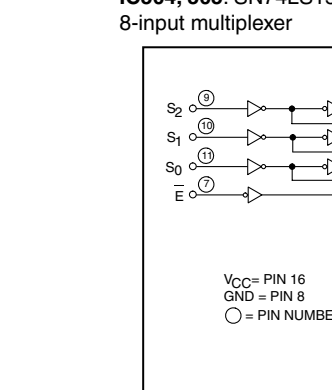
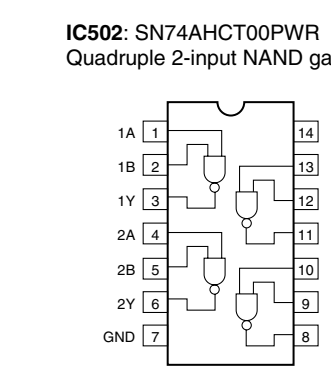
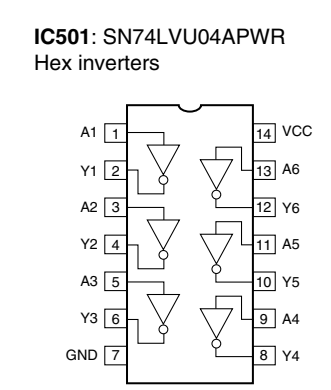
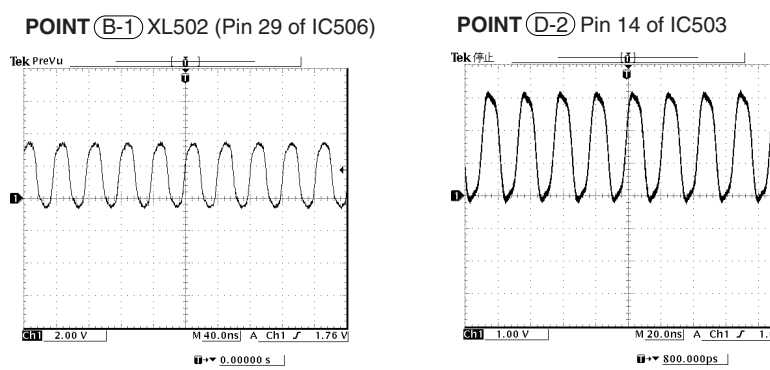
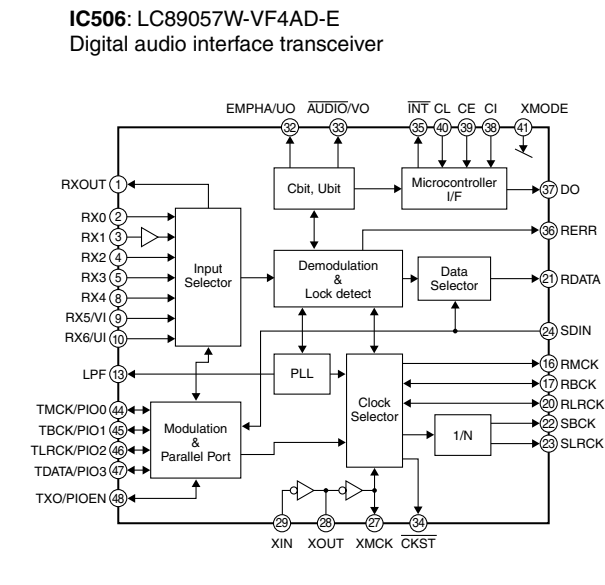
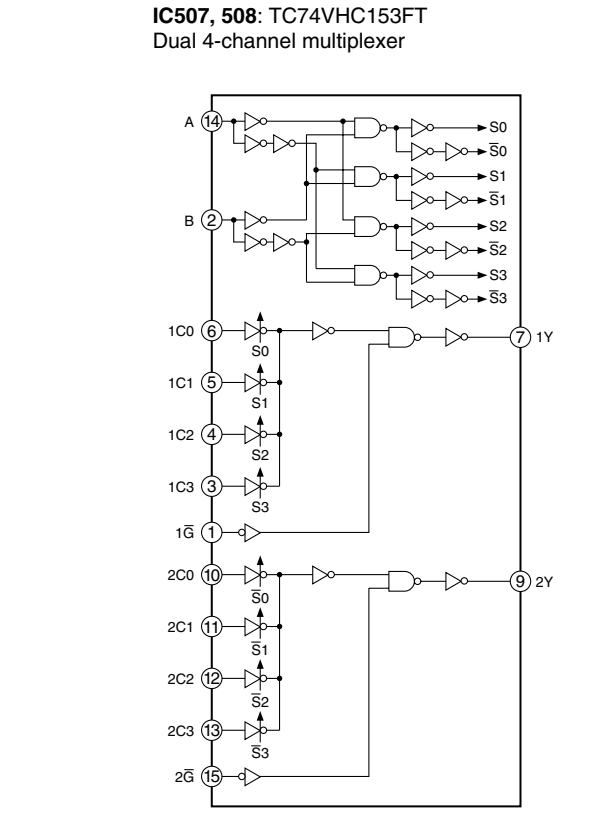
Destination Part List

Part No.	LOC	U-C	Part Name
S1	CB502	X	445870 CAM-505044024E
S2	IC503	X	K818240 F2621E-01-TR
S3	IC504	X	463480 AVL1614191NTR
S4	LB001	X	V244990 BLM21P6000N10
S5	CB010	X	UB1910 0.1F
S6	CB011	X	UB1910 0.1F
S7	CB012	X	UB1910 0.1F
S8	CB013	X	UB1910 0.1F
S9	CB014	X	UB1910 0.1F
S10	CB015	X	UB1910 0.1F
S11	CB016	X	UB1910 0.1F
S12	CB017	X	UB1910 0.1F
S13	CB018	X	UB1910 0.1F
S14	CB019	X	UB1910 0.1F
S15	CB020	X	UB1910 0.1F
S16	CB021	X	UB1910 0.1F
S17	CB022	X	UB1910 0.1F
S18	CB023	X	UB1910 0.1F
S19	CB024	X	UB1910 0.1F
S20	CB025	X	UB1910 0.1F



Interchangeable Parts at Manufacture Stage

Part No.	Reference Part Number	Part Name
41	9303-9303-9305-9306	M5111
42	9301	25A1037AK (G/R/S)
43	95002	25C3006 (A/B)
44	95001	25C3006 (B)
45	IC502	TC74VHC1004PTEL-K1
46	IC505	SN74AHC1004PWR
47	IC501	SN74LV0424PWR
48	IC509-506-508	SN74LV157APWR
49	IC502-533-538	TC7SE130FU
50	IC505-587	W884500H-7
51		W884500H-7
52		W884500H-7
53		W884500H-7
54		W884500H-7
55		W884500H-7
56		W884500H-7
57		W884500H-7
58		W884500H-7
59		W884500H-7
60		W884500H-7
61		W884500H-7
62		W884500H-7
63		W884500H-7
64		W884500H-7
65		W884500H-7
66		W884500H-7
67		W884500H-7
68		W884500H-7
69		W884500H-7
70		W884500H-7
71		W884500H-7
72		W884500H-7
73		W884500H-7
74		W884500H-7
75		W884500H-7
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85		W884500H-7
86		W884500H-7
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89		W884500H-7
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91		W884500H-7
92		W884500H-7
93		W884500H-7
94		W884500H-7
95		W884500H-7
96		W884500H-7
97		W884500H-7
98		W884500H-7
99		W884500H-7
100		W884500H-7



★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
★ Components having special characteristics are marked with a triangle 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。
● 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ございます。

DSP 2/3

Page 141 [L5] to FL (5)_CB973 Page 141 [M5] to FL (5)_CB959 Page 132 [H6] to POWER (3)_CB16 Page 142 [I8] NET_W605 Page 132 [H7] to POWER (3)_CB17

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

Table with 2 columns: REMARKS, PARTS NAME. Lists capacitor types like ELECTROLYTIC CAPACITOR, TANTALUM CAPACITOR, etc.

Table with 2 columns: REMARKS, PARTS NAME. Lists resistor types like CARBON FILM RESISTOR (P+5), METAL OXIDE FILM RESISTOR, etc.

to DSP 1/3 To/From 001.sht

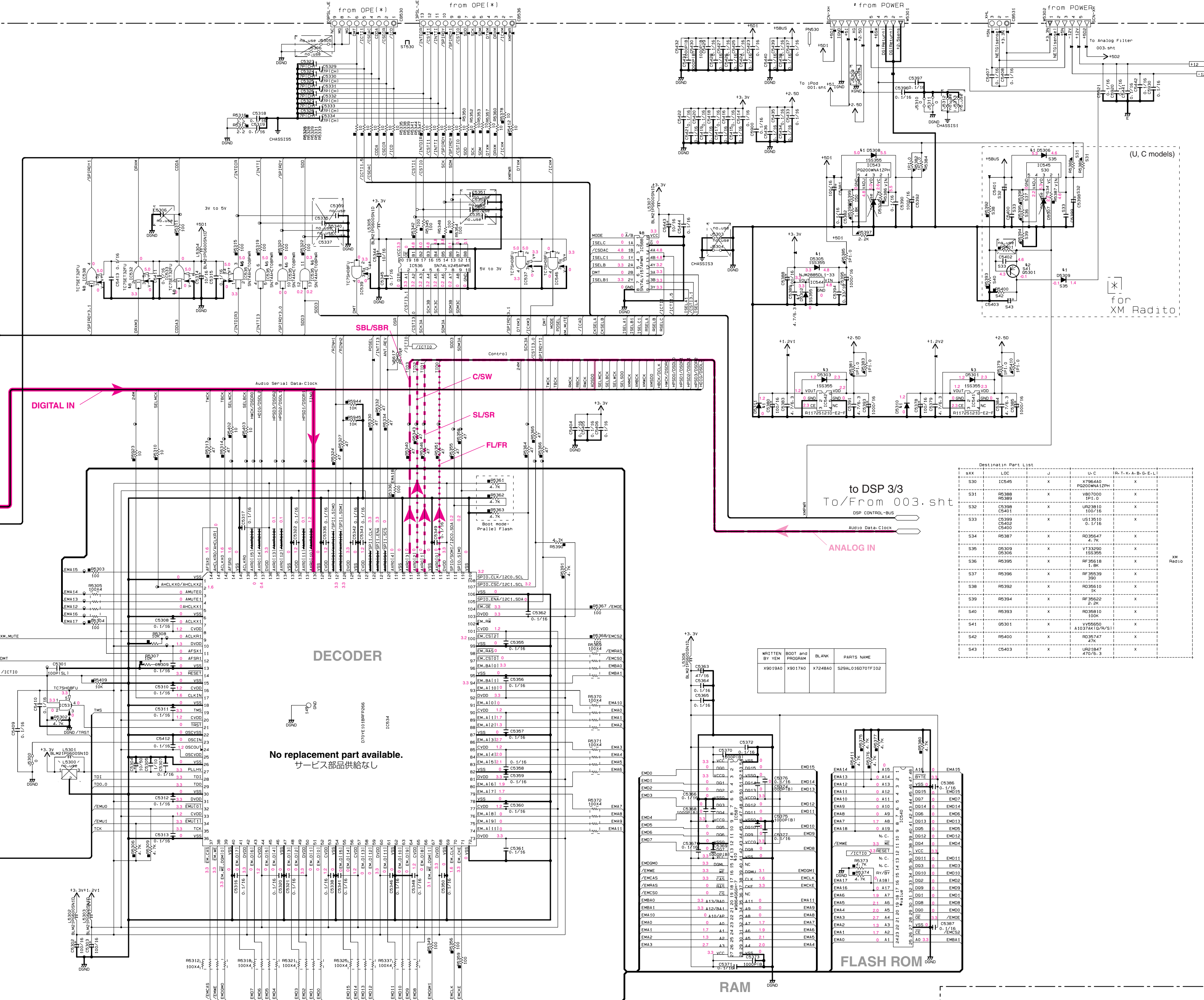
Control BUS in (EMBDSP)

Audio Data-Clock

Control From CPU

ANALOG IN

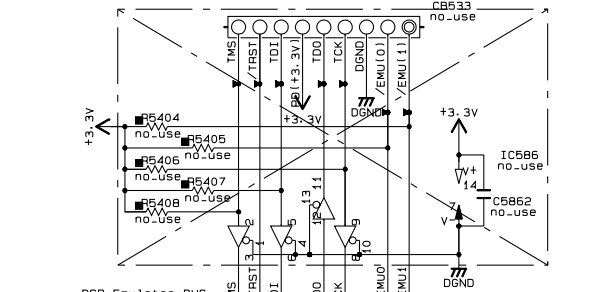
To/From 003.sht to DSP 3/3



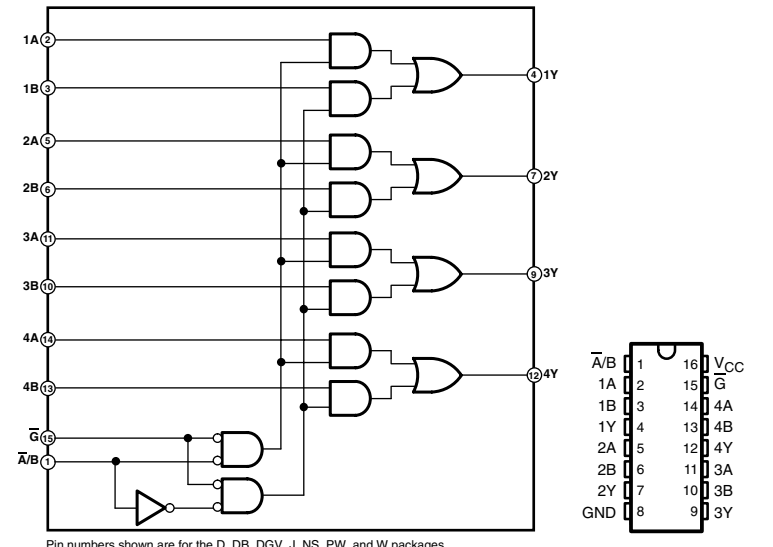
Destination Part List table with columns: Dest. Part No., Loc., U.C., D.C., M.T., K.A.B., D.E.

Table with 4 columns: WRITTEN BY, BOOT AND PROGRAM, BLANK, PARTS NAME. Lists part numbers like X901940, X901740, etc.

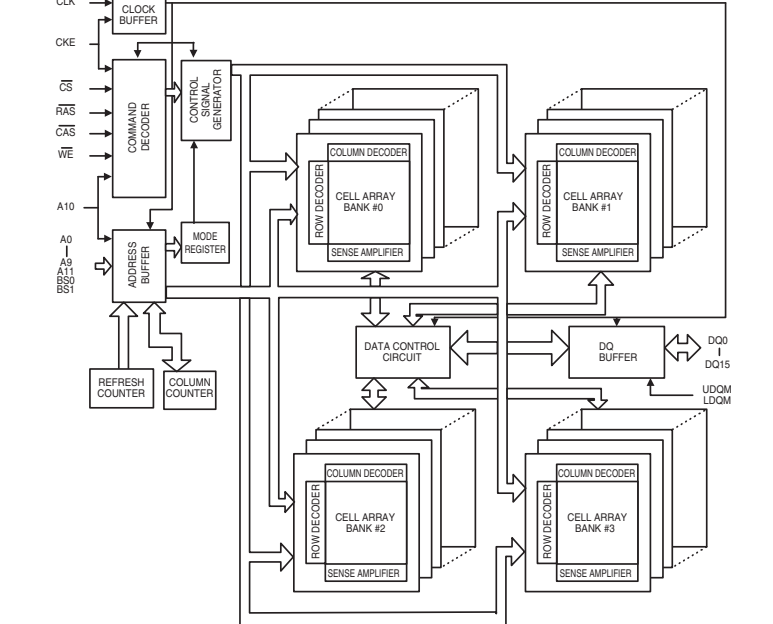
No replacement part available. サービス部品供給なし



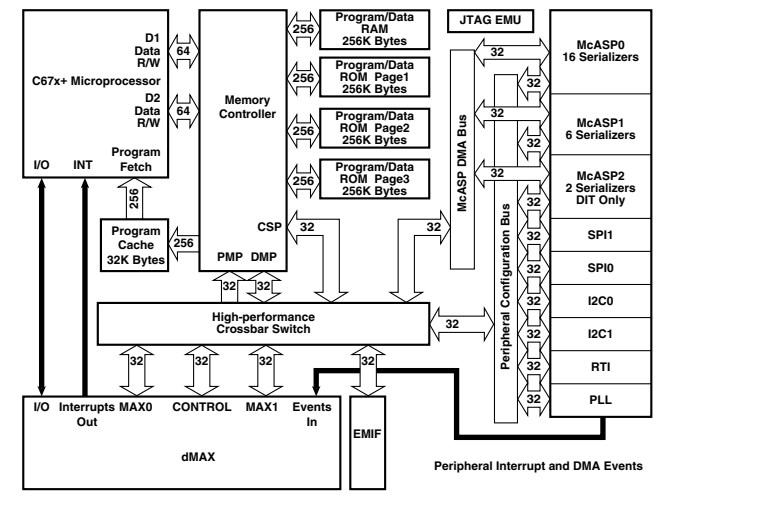
IC588: SN74LV157APWR Quadrule 2-line to 1-line data selectors/multiplexers



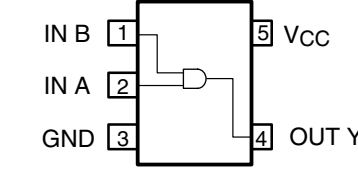
IC587: W9864G6GH-7 64 M x 4 banks SDRAM



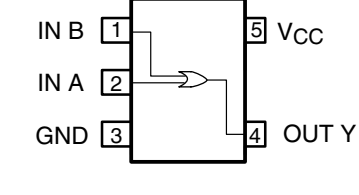
IC534: D70YE101BRFP266 Floating-point digital signal processors



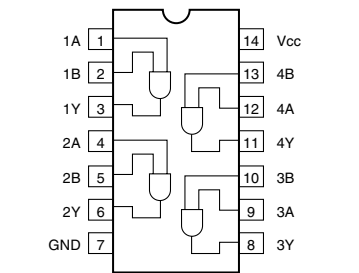
IC531, 537, 539, 546: TC7SH08FU 2-input AND gate



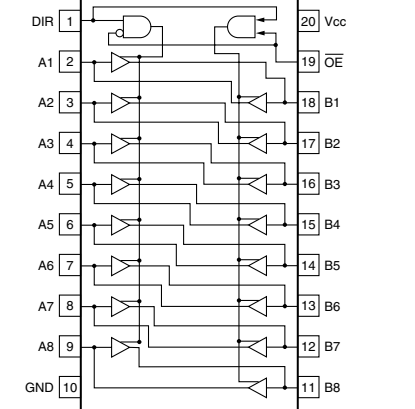
IC532, 533, 538: TC7SET32FU 2-input OR gate



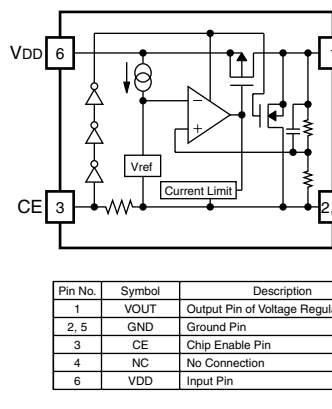
IC535: SN74AHC08PWR Quadrule 2-input positive-AND gates



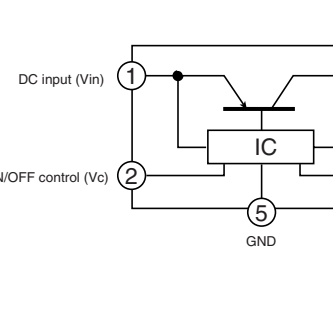
IC536: SN74LV245APWR Octal bus transceiver with 3-state outputs



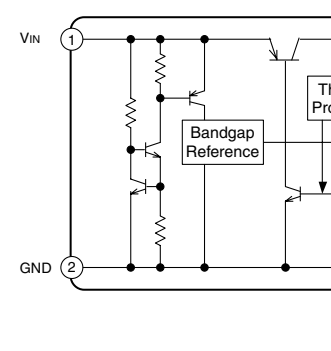
IC541, 542: R1172S121D-E2-F Voltage regulator



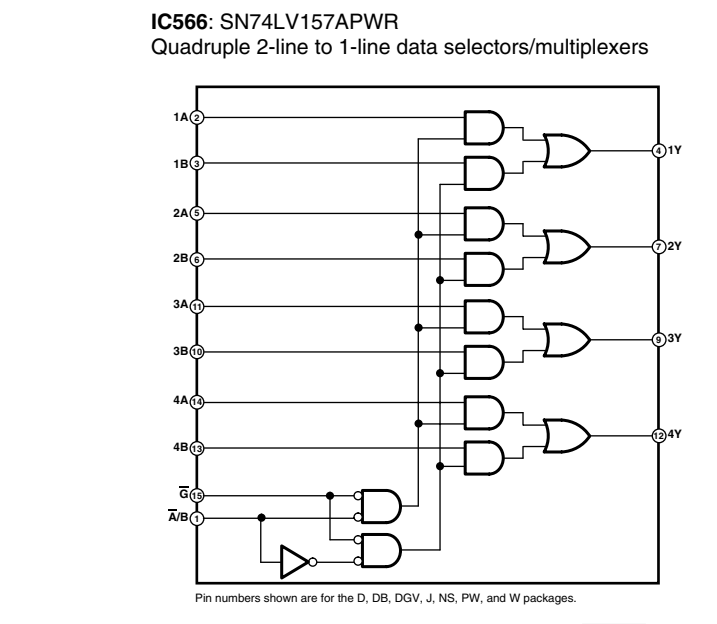
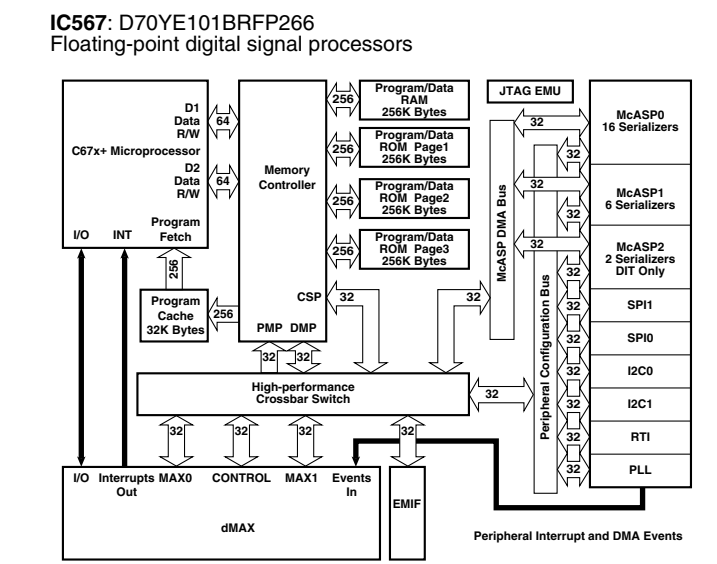
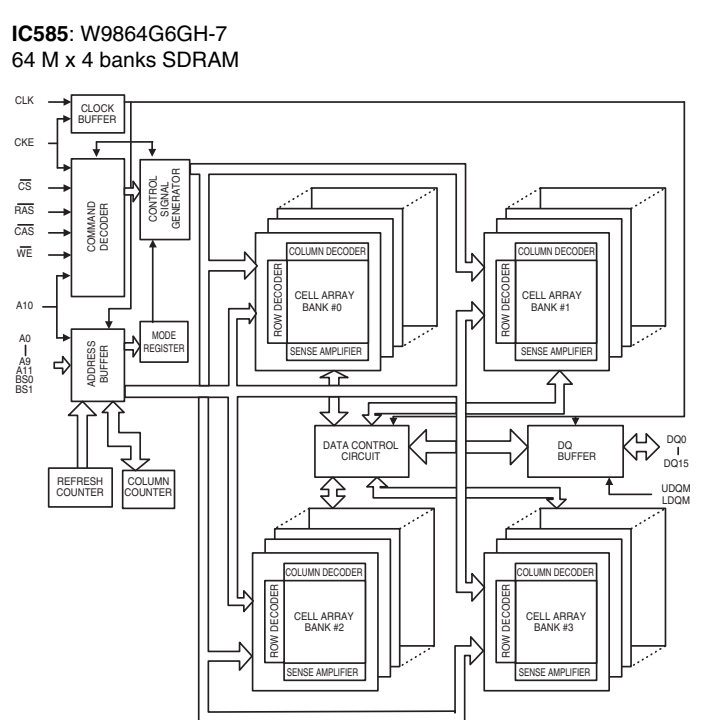
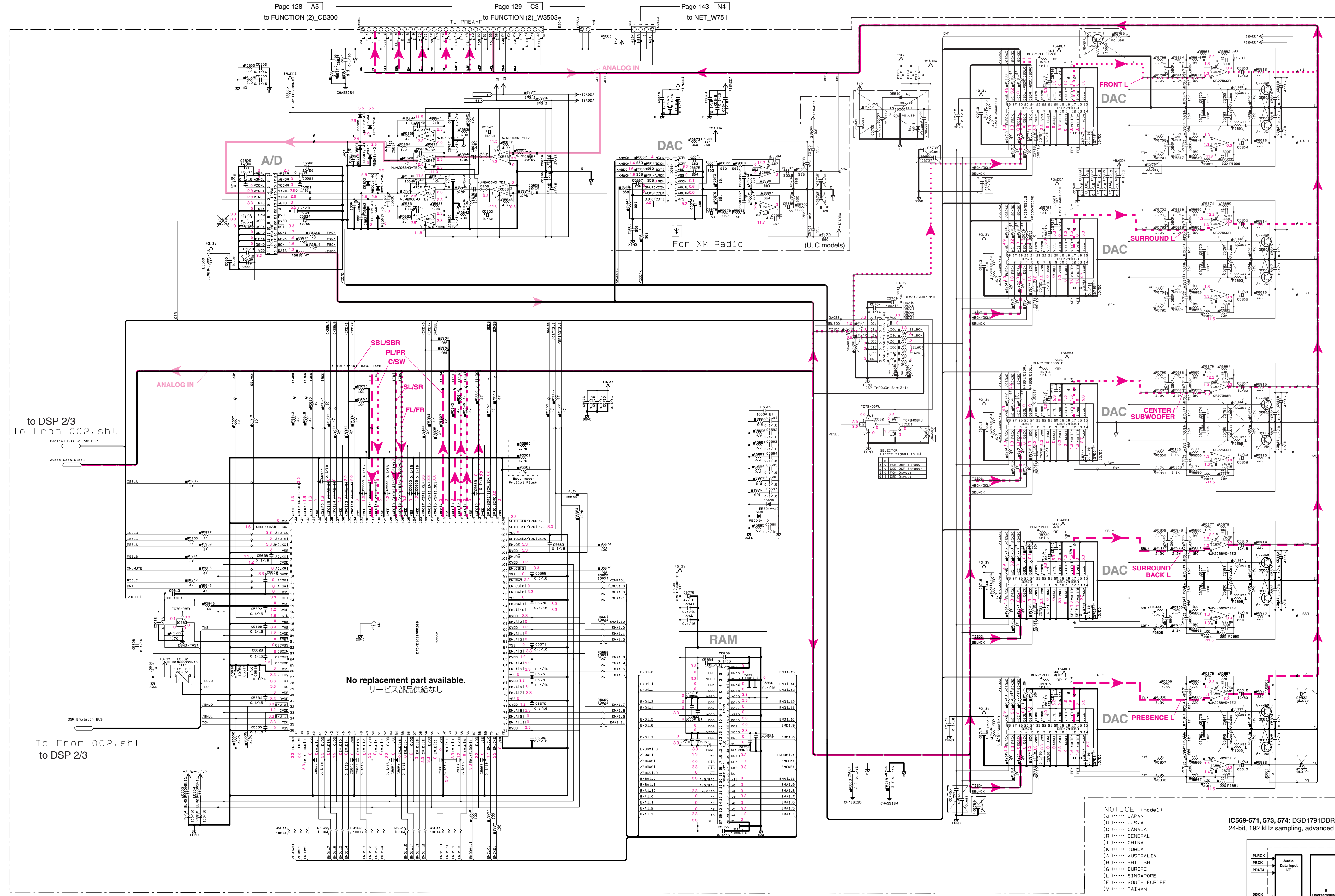
IC543, 545: PO200WNA1ZPH Low power loss regulator



IC544: NJM2885DL1-33 Low dropout voltage regulator



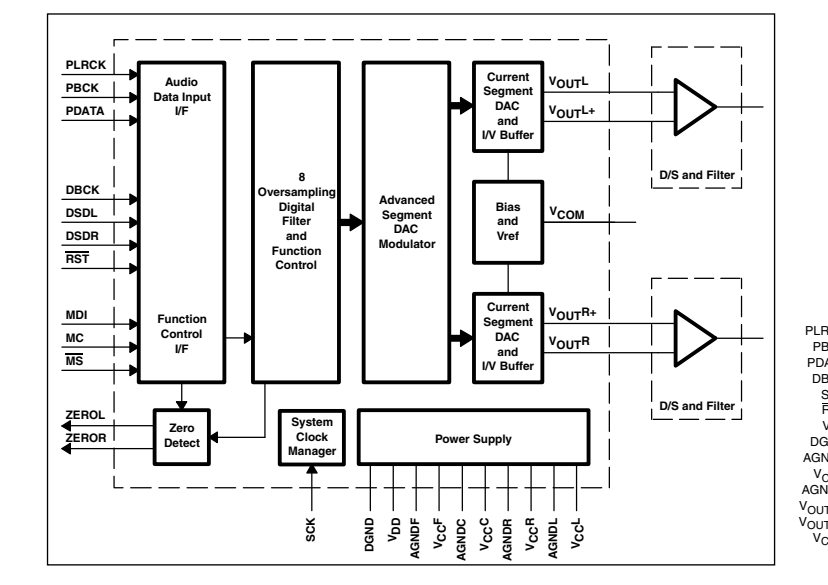
- * All voltages are measured with a 10MΩ/V DC electronic voltmeter.
* Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.
* Schematic diagram is subject to change without notice.
● 電圧は、内部抵抗10MΩの電圧計で測定したものです。
● 三角形のある部品は、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ございます。



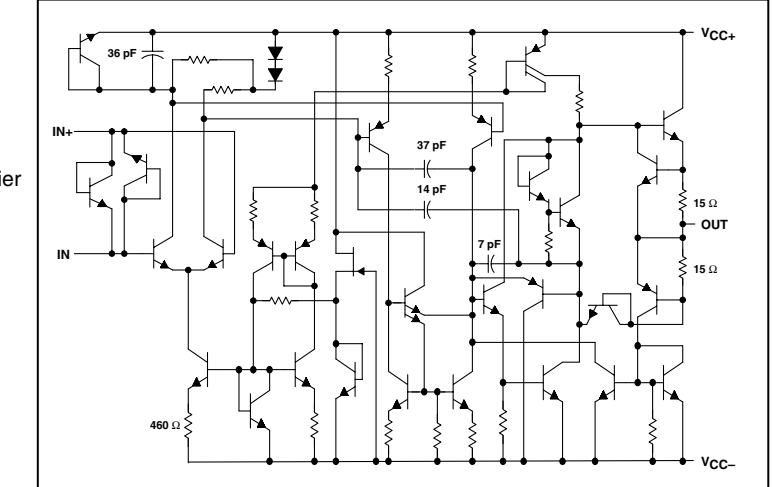
NOTICE (model)

- (J) JAPAN
- (U) U.S.A
- (C) CANADA
- (R) GENERAL
- (I) CHINA
- (K) KOREA
- (A) AUSTRALIA
- (B) BRITISH
- (G) EUROPE
- (L) SINGAPORE
- (E) SOUTH EUROPE
- (V) TAIWAN

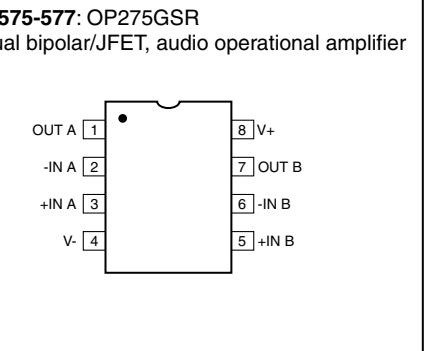
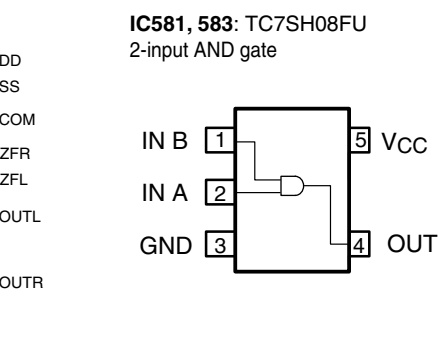
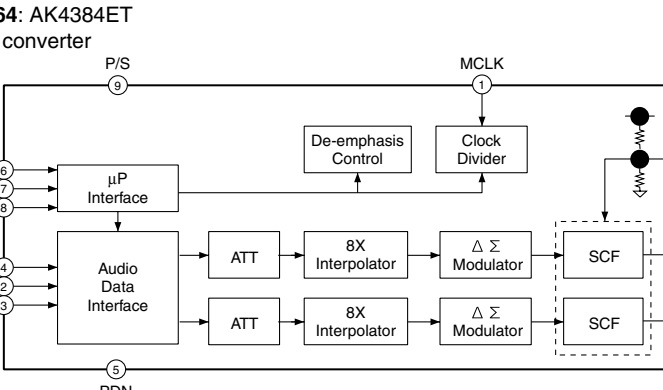
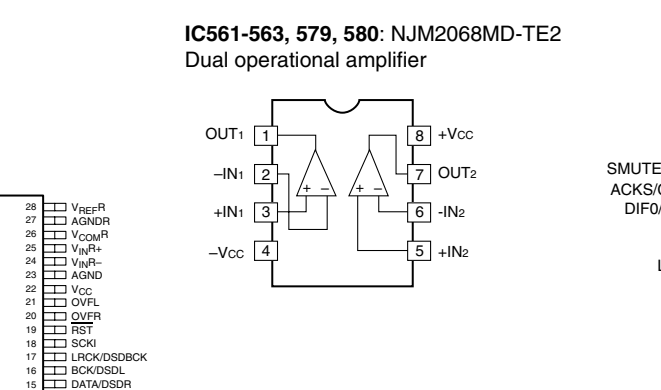
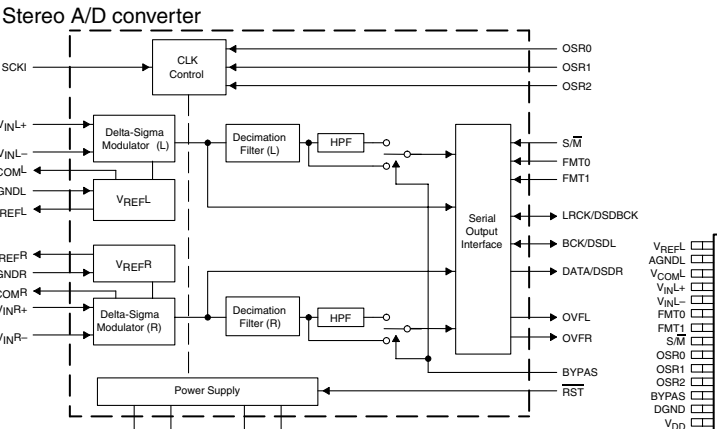
IC569-571, 573, 574: DSD1791DBR
24-bit, 192 kHz sampling, advanced segment, audio stereo digital-to-analog converter



IC565, 575-577: NE5532DR
Dual low-noise operational amplifiers

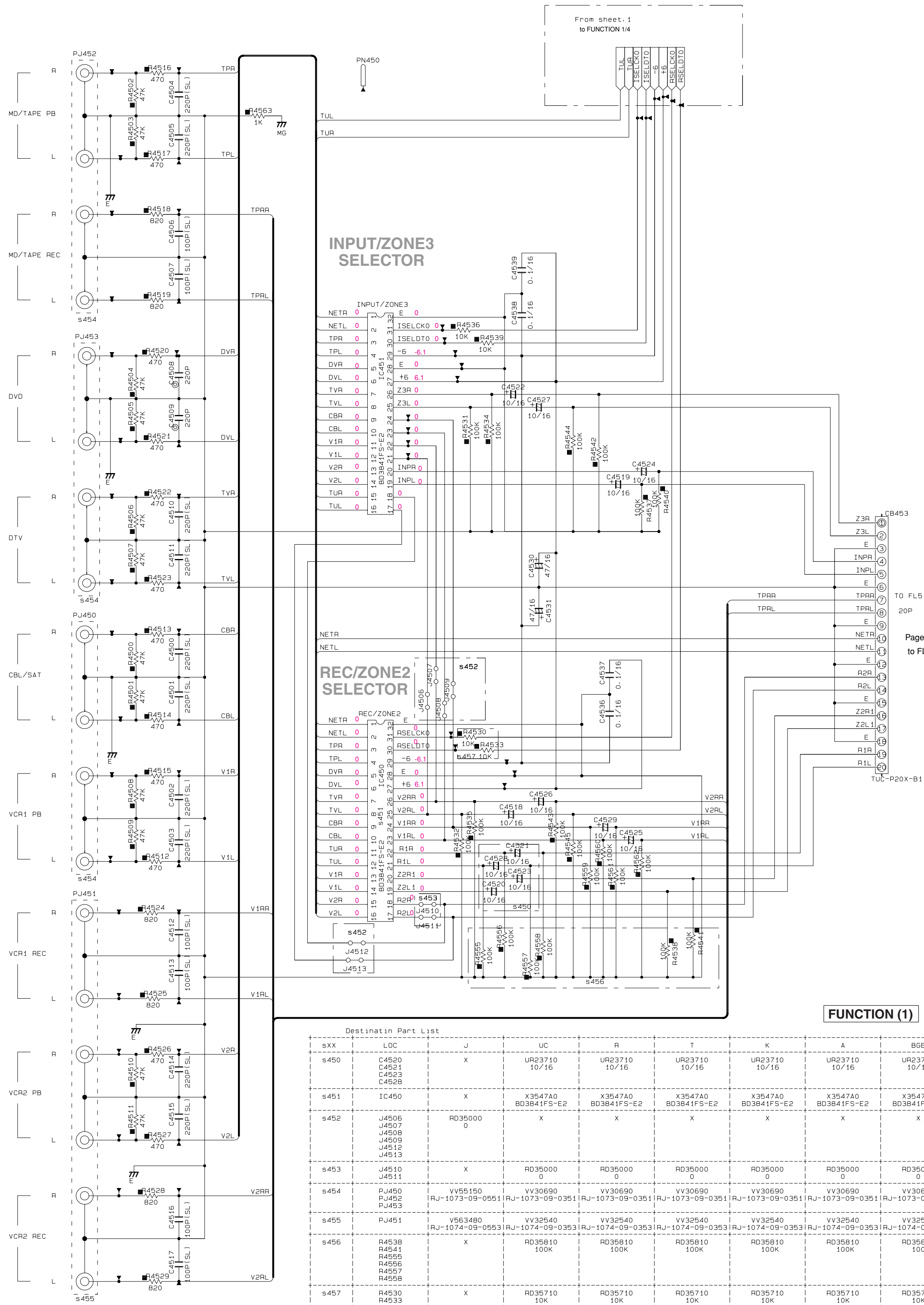


Part List	Part List	Part List	Part List
555 C5674	555 C5675	555 C5676	555 C5677
555 C5678	555 C5679	555 C5680	555 C5681
555 C5682	555 C5683	555 C5684	555 C5685
555 C5686	555 C5687	555 C5688	555 C5689
555 C5690	555 C5691	555 C5692	555 C5693
555 C5694	555 C5695	555 C5696	555 C5697
555 C5698	555 C5699	555 C5700	555 C5701
555 C5702	555 C5703	555 C5704	555 C5705
555 C5706	555 C5707	555 C5708	555 C5709
555 C5710	555 C5711	555 C5712	555 C5713
555 C5714	555 C5715	555 C5716	555 C5717
555 C5718	555 C5719	555 C5720	555 C5721
555 C5722	555 C5723	555 C5724	555 C5725
555 C5726	555 C5727	555 C5728	555 C5729
555 C5730	555 C5731	555 C5732	555 C5733
555 C5734	555 C5735	555 C5736	555 C5737
555 C5738	555 C5739	555 C5740	555 C5741
555 C5742	555 C5743	555 C5744	555 C5745
555 C5746	555 C5747	555 C5748	555 C5749
555 C5750	555 C5751	555 C5752	555 C5753
555 C5754	555 C5755	555 C5756	555 C5757
555 C5758	555 C5759	555 C5760	555 C5761
555 C5762	555 C5763	555 C5764	555 C5765
555 C5766	555 C5767	555 C5768	555 C5769
555 C5770	555 C5771	555 C5772	555 C5773
555 C5774	555 C5775	555 C5776	555 C5777
555 C5778	555 C5779	555 C5780	555 C5781
555 C5782	555 C5783	555 C5784	555 C5785
555 C5786	555 C5787	555 C5788	555 C5789
555 C5790	555 C5791	555 C5792	555 C5793
555 C5794	555 C5795	555 C5796	555 C5797
555 C5798	555 C5799	555 C5800	555 C5801
555 C5802	555 C5803	555 C5804	555 C5805
555 C5806	555 C5807	555 C5808	555 C5809
555 C5810	555 C5811	555 C5812	555 C5813
555 C5814	555 C5815	555 C5816	555 C5817
555 C5818	555 C5819	555 C5820	555 C5821
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555 C5826	555 C5827	555 C5828	555 C5829
555 C5830	555 C5831	555 C5832	555 C5833
555 C5834	555 C5835	555 C5836	555 C5837
555 C5838	555 C5839	555 C5840	555 C5841
555 C5842	555 C5843	555 C5844	555 C5845
555 C5846	555 C5847	555 C5848	555 C5849
555 C5850	555 C5851	555 C5852	555 C5853
555 C5854	555 C5855	555 C5856	555 C5857
555 C5858	555 C5859	555 C5860	555 C5861
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555 C5874	555 C5875	555 C5876	555 C5877
555 C5878	555 C5879	555 C5880	555 C5881
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555 C5886	555 C5887	555 C5888	555 C5889
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555 C5894	555 C5895	555 C5896	555 C5897
555 C5898	555 C5899	555 C5900	555 C5901
555 C5902	555 C5903	555 C5904	555 C5905
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555 C5950	555 C5951	555 C5952	555 C5953
555 C5954	555 C5955	555 C5956	555 C5957
555 C5958	555 C5959	555 C5960	555 C5961
555 C5962	555 C5963	555 C5964	555 C5965
555 C5966	555 C5967	555 C5968	555 C5969
555 C5970	555 C5971	555 C5972	555 C5973
555 C5974	555 C5975	555 C5976	555 C5977
555 C5978	555 C5979	555 C5980	555 C5981
555 C5982	555 C5983	555 C5984	555 C5985
555 C5986	555 C5987	555 C5988	555 C5989
555 C5990	555 C5991	555 C5992	555 C5993
555 C5994	555 C5995	555 C5996	555 C5997
555 C5998	555 C5999	555 C6000	555 C6001



* All voltages are measured with a 10MΩ/V DC electronic voltmeter.
* Components having special characteristics are marked with a triangle 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。
● 上印のある部品は、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ございます。

FUNCTION 2/4



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

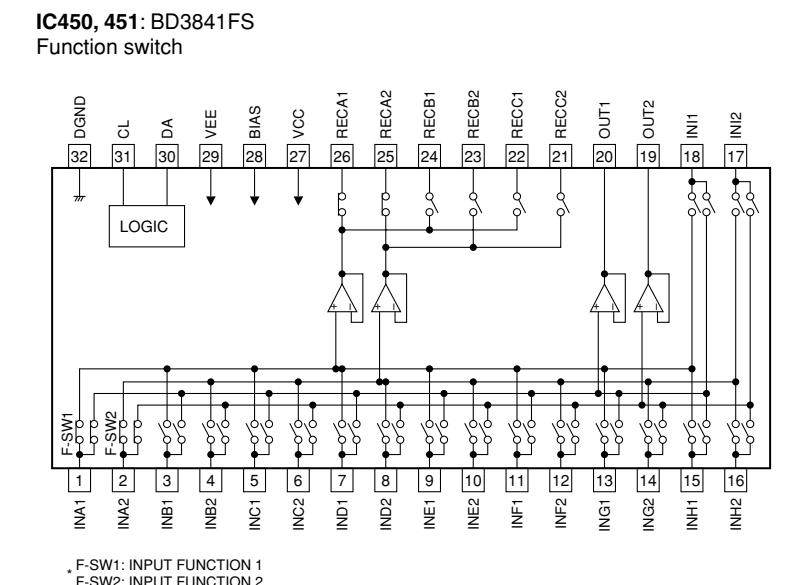
CAPACITOR

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
⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR

NOTICE (mode1)
 (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

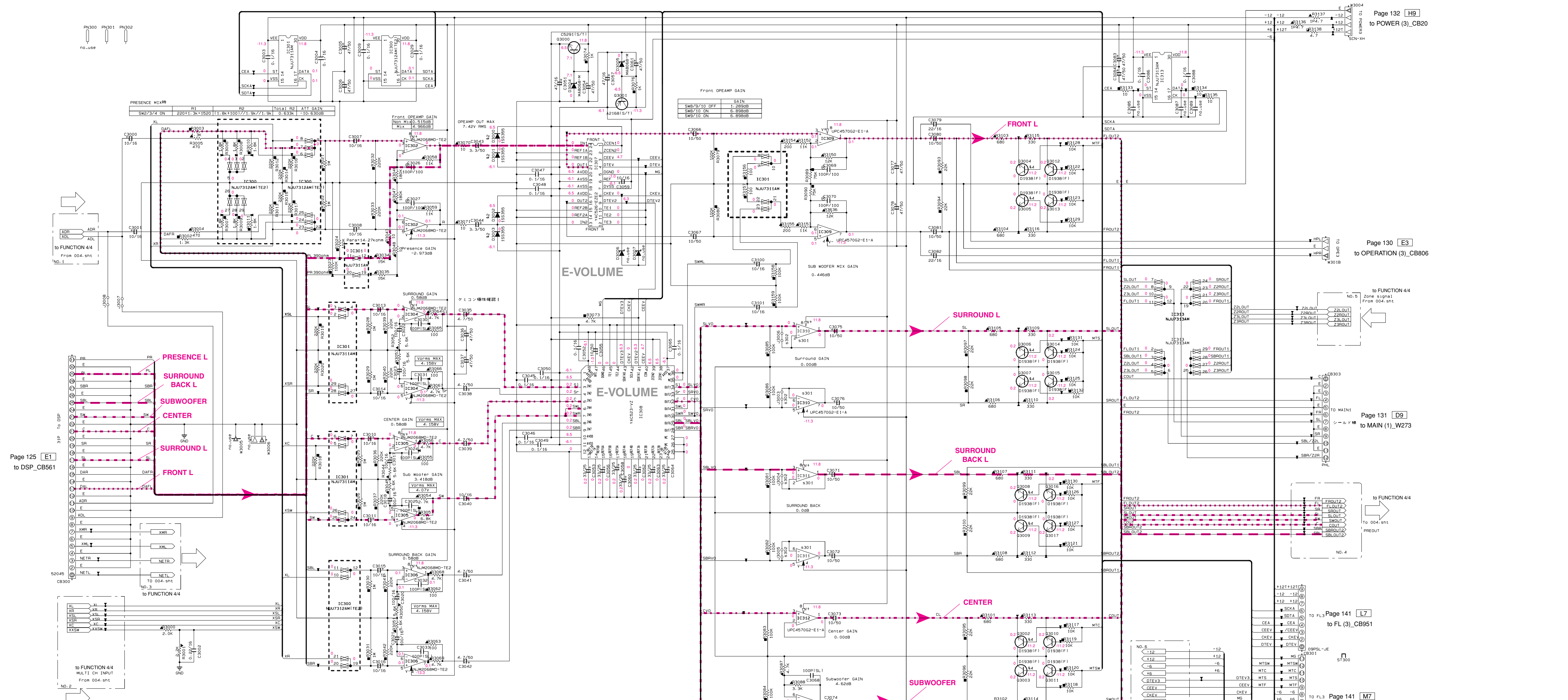
FUNCTION (1)

Destinatin Part List	sxx	LOC	J	UC	R	T	K	A	BGE	L	
s450	C4520 C4521 C4523 C4528		X	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16	UR23710 10/16	J1 Different selector composition
s451	IC450		X	X354740 BD3841FS-E2	X354740 BD3841FS-E2	X354740 BD3841FS-E2	X354740 BD3841FS-E2	X354740 BD3841FS-E2	X354740 BD3841FS-E2	X354740 BD3841FS-E2	J1 Different selector composition
s452	J4506 J4507 J4508 J4509 J4512 J4513		X	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	
s453	J4510 J4511		X	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	
s454	PJ450 PJ452 PJ453		X	RJ-1073-09-0551	RJ-1073-09-0351	RJ-1073-09-0351	RJ-1073-09-0351	RJ-1073-09-0351	RJ-1073-09-0351	RJ-1073-09-0351	J1 GOLD
s455	PJ451		X	V563480 RJ-1074-09-0553	VV32540 RJ-1074-09-0353	VV32540 RJ-1074-09-0353	VV32540 RJ-1074-09-0353	VV32540 RJ-1074-09-0353	VV32540 RJ-1074-09-0353	VV32540 RJ-1074-09-0353	J1 Different selector composition
s456	R4538 R4541 R4545 R4556 R4557 R4558		X	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	RD35810 100K	J1 Different selector composition
s457	R4530 R4533		X	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	
	PCB NO.			WH56420	WH56430	WH56440	WH56450	WH56460	WH56470	WH56480	WH56490



★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
 ★ Components having special characteristics are marked with a triangle (△) 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。
 ● △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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FUNCTION 3/4



Destination Part List

EXX	LOC	J	R	T	K	A	80	L
6301	IC310	X						
6302	J3004	X						
	J3005		X					
	J3006		X					

設計値 (Design Values)

チャンネル	FRONT	CENTER	SURROUND	SURROUND BACK	SUB WOOFER
設計値	0.0	0.0	0.0	0.0	0.0
測定値	12.5	14.0	14.0	14.0	14.0

定数計算値 (Constant Calculation Values)

チャンネル	FRONT	CENTER	SURROUND	SURROUND BACK	SUB WOOFER
定数計算値	0.515	0.584	0.584	0.584	0.584
測定値	12.5	14.0	14.0	14.0	14.0

RESISTOR PARTS NAME

NO MARK	CARBON FILM RESISTOR (D=5)
NO MARK	CARBON FILM RESISTOR (D=10)
NO MARK	METAL OXIDE FILM RESISTOR
NO MARK	METAL FILM RESISTOR
NO MARK	METAL PLATE RESISTOR
NO MARK	FINE PROOF CARBON FILM RESISTOR
NO MARK	CEMENT MOLDED RESISTOR
NO MARK	SEMI VARIABLE RESISTOR
NO MARK	CHIP RESISTOR

CAPACITOR PARTS NAME

NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
NO MARK	CERAMIC TUBULAR CAPACITOR
NO MARK	POLYESTER FILM CAPACITOR
NO MARK	POLYSTYRENE FILM CAPACITOR
NO MARK	MICA CAPACITOR
NO MARK	POLYPROPYLENE FILM CAPACITOR
NO MARK	SEMICONDUCTIVE CERAMIC CAPACITOR
NO MARK	POLYPHENYLENE SULFIDE FILM CAPACITOR

NOTICE (model)

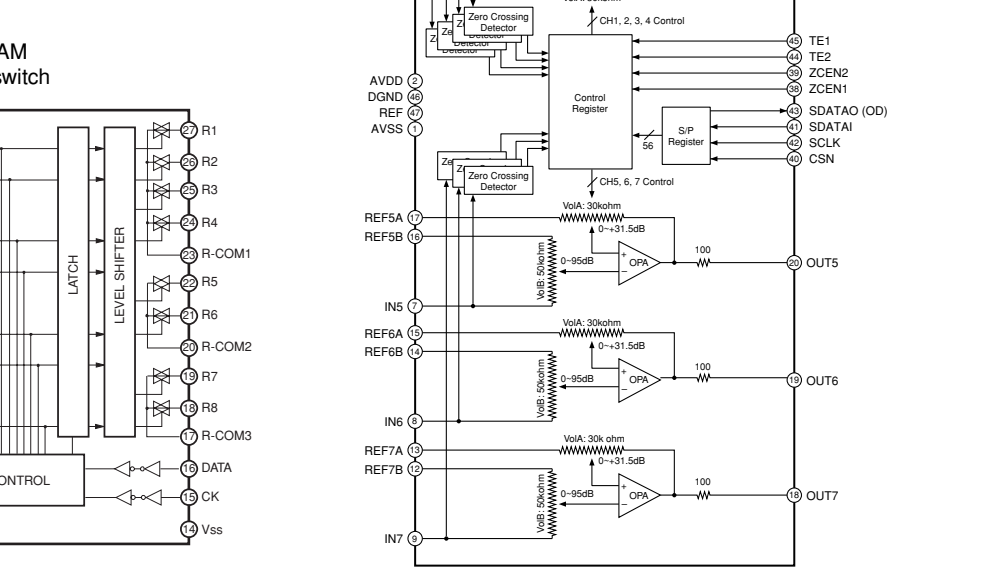
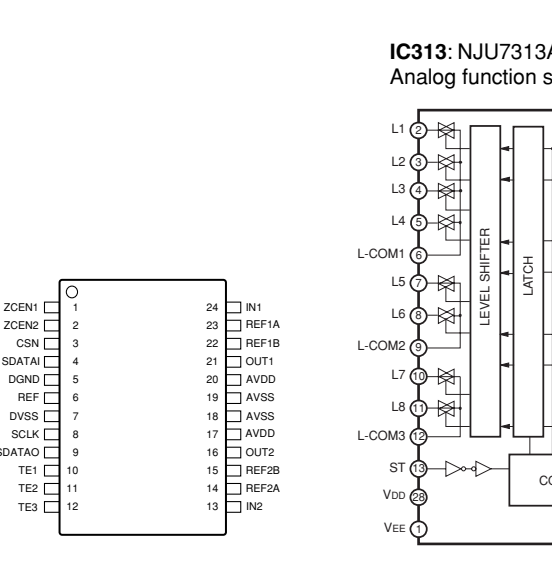
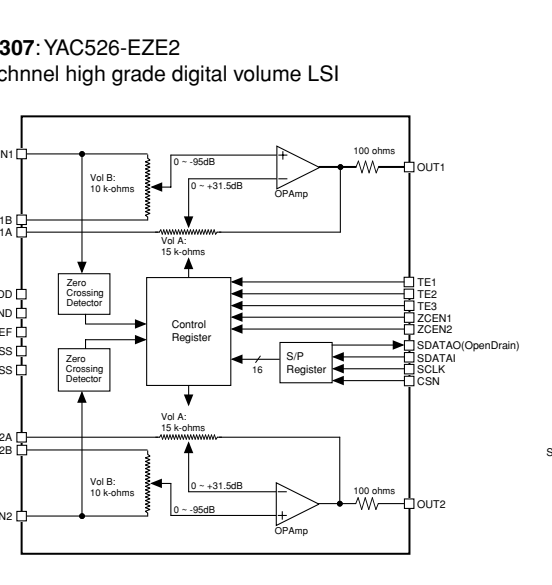
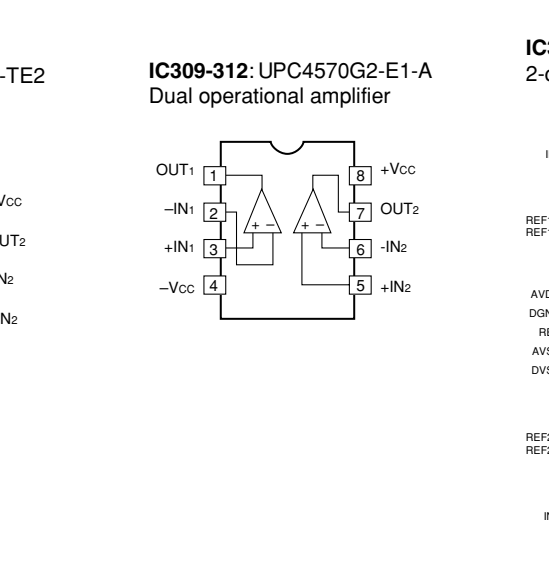
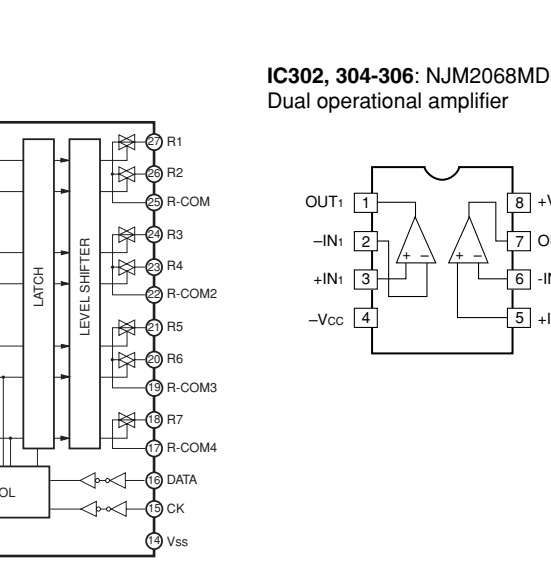
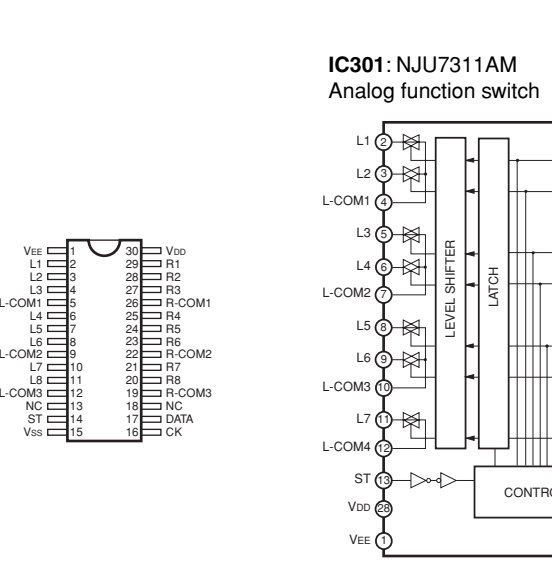
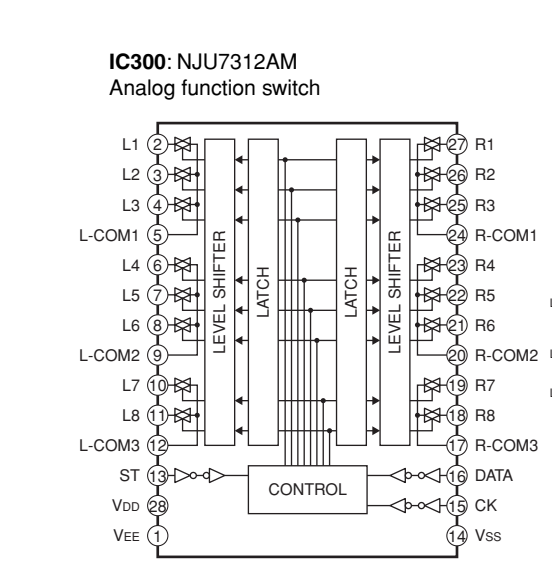
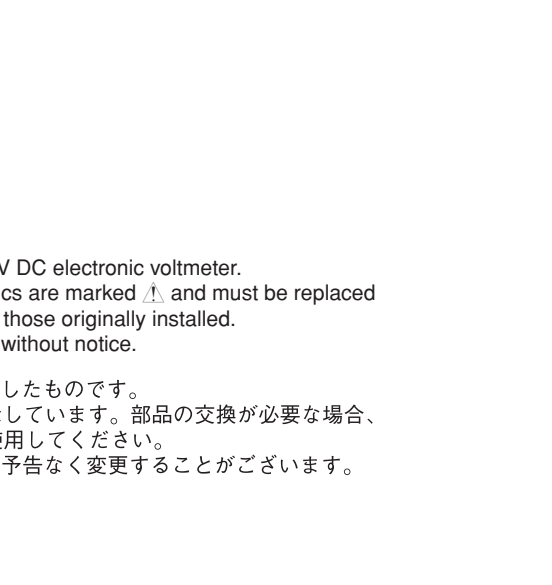
(J)..... JAPAN
 (U)..... U.S.A
 (C)..... CANADA
 (R)..... GENERAL
 (T)..... CHINA
 (K)..... KOREA
 (A)..... AUSTRALIA
 (B)..... BRITISH
 (G)..... EUROPE
 (L)..... SINGAPORE
 (E)..... SOUTH EUROPE
 (Y)..... TAIWAN

FUNCTION (2)

FUNC (2)

★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
 ★ Components having special characteristics are marked with a triangle 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 132 [H9] to POWER (3)_CB20

Page 130 [E3] to OPERATION (3)_CB006

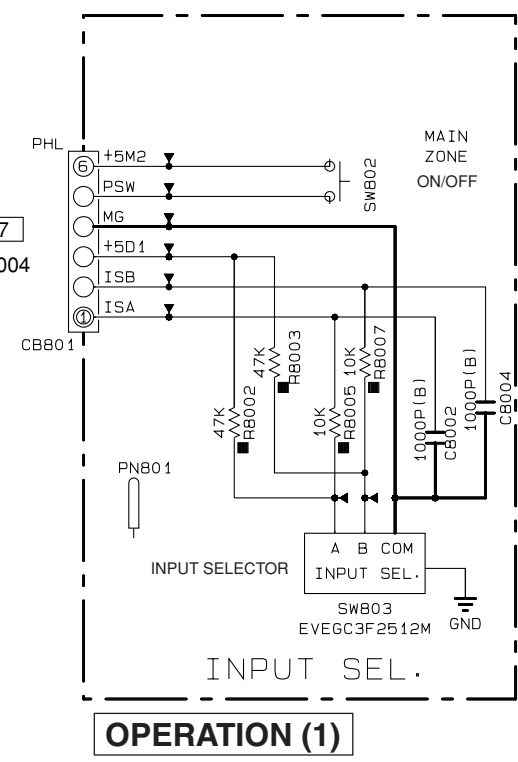
Page 131 [D9] to MAIN (1)_W273

Page 141 [L7] to FL (3)_CB951

Page 141 [M7] to FL (3)_CB956

OPERATION

Page 140 [J7]
to FL (1)_W9004



OPERATION (1)

Page 123 [F1]
to DSP_W5001

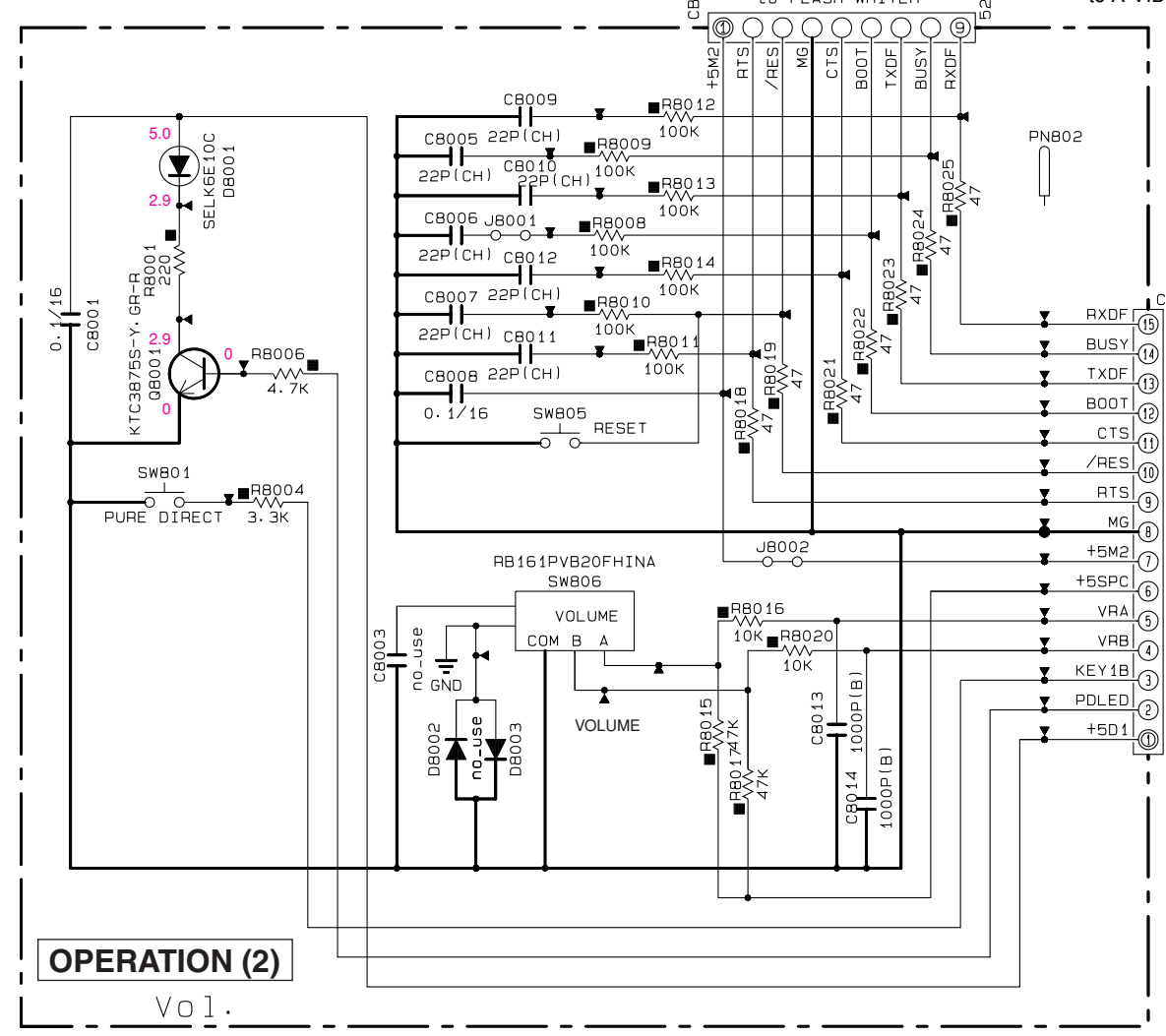
Page 129 [D1]
to FUNCTION (2)_W301A

Page 128 [M3]
to FUNCTION (2)_W301B

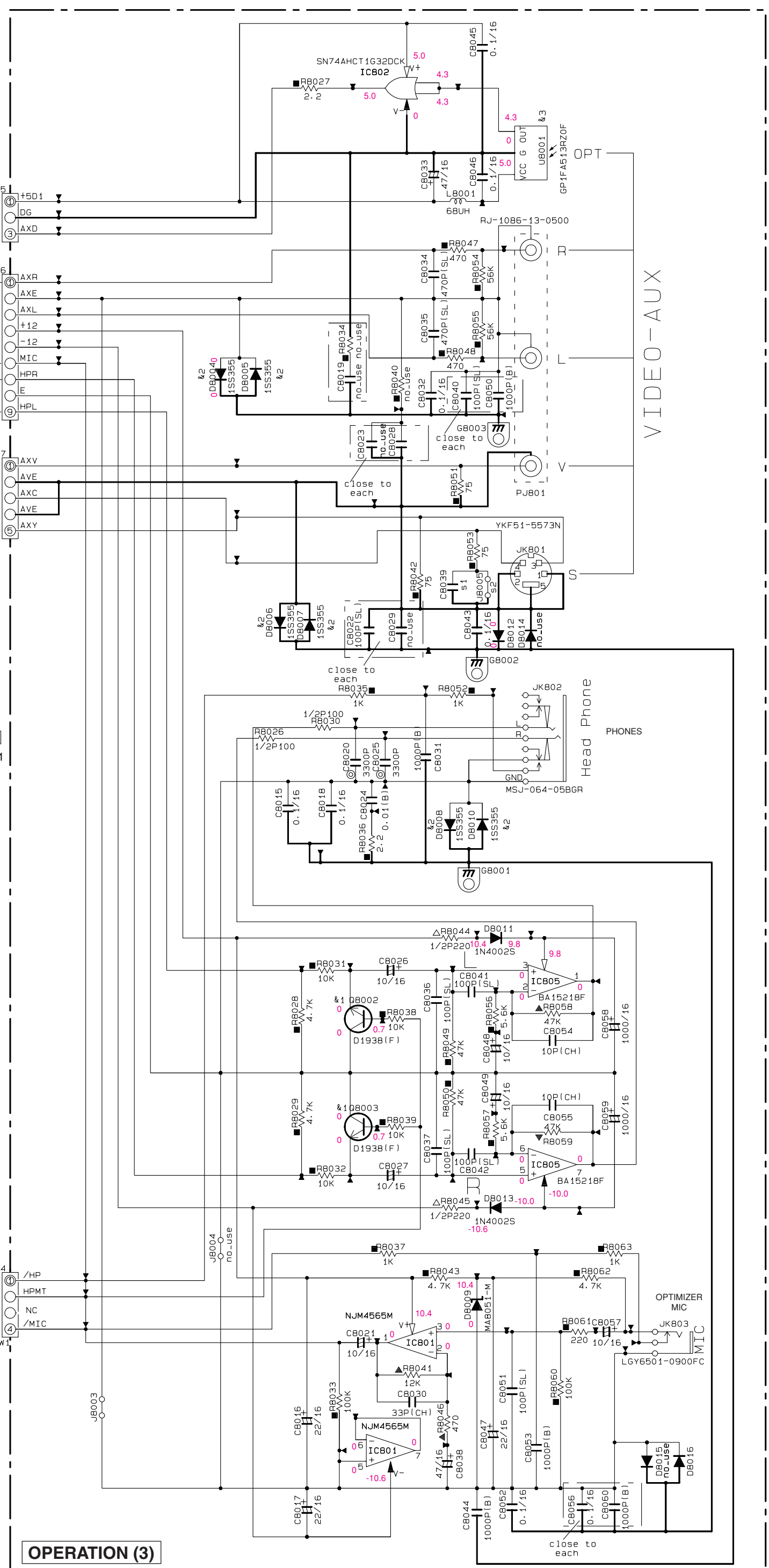
Page 134 [C2]
to A-VIDEO_W2002

Page 141 [K3]
to FL (2)_CB971

Page 140 [J2]
to OPERATION (4)_CB810

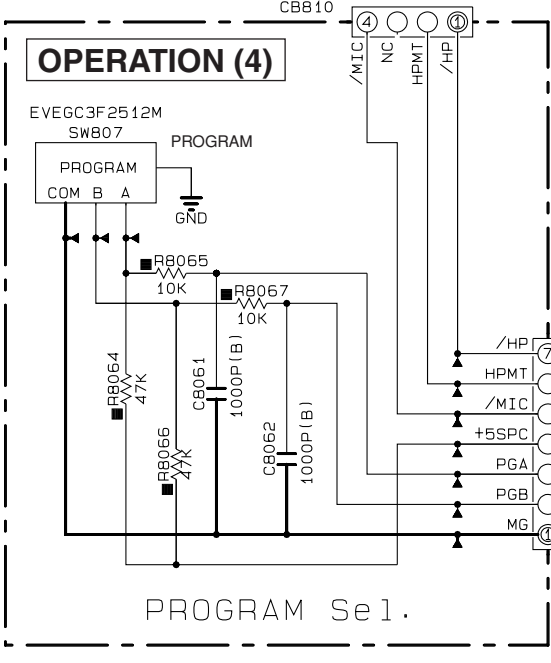


OPERATION (2)



OPERATION (3)

Page 140 [E8]
to OPERATION (3)_CB804

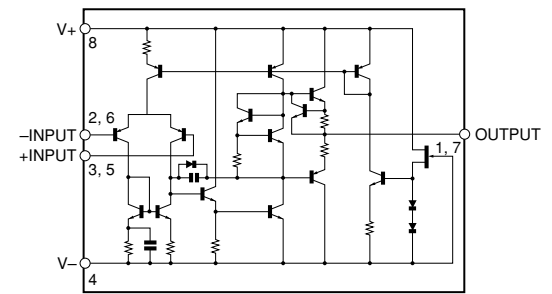


OPERATION (4)

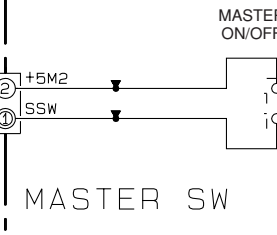
PROGRAM Sel.

Page 140 [J6]
to FL (1)_W9003

IC801: NJM4555M
Dual operational amplifier

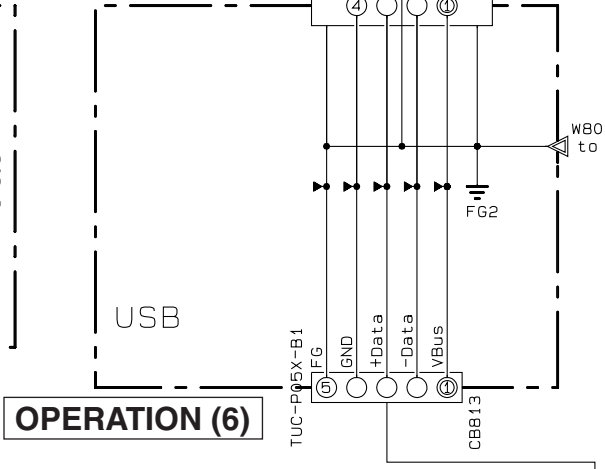


Page 140 [J4]
to FL (1)_W9002



OPERATION (5)

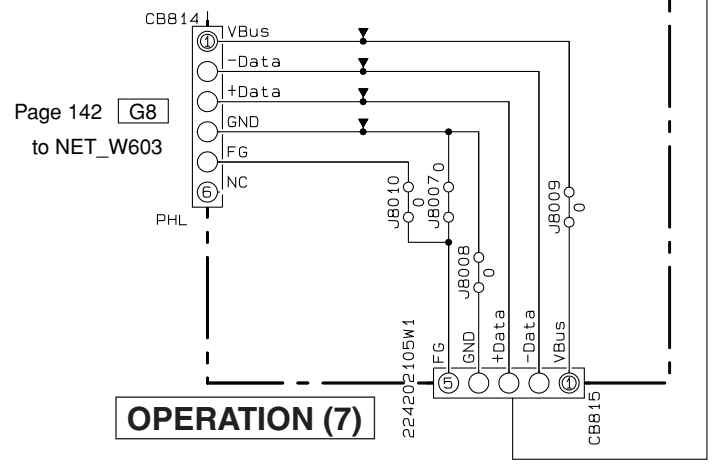
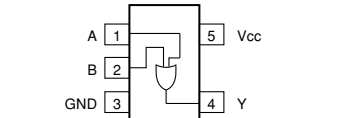
MASTER SW



OPERATION (6)

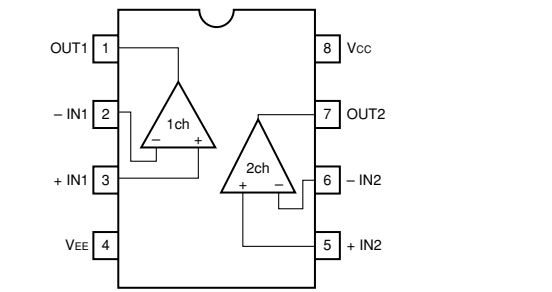
USB

IC802: SN74AHC1G32DCKR
Single 2-input positive-OR gate



OPERATION (7)

IC805: BA15218F
Dual high slew rate, low noise operational amplifier



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

IMPLEMENTATION:
INPUT SELECTOR
VOLUME
VIDEO-AUX
HEAD PHONE AMP
MIC AMP
PROGRAM SELECTOR
MASTER SWITCH
USB CONNECTOR

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
k1	0B002-8003	2S01938(F) 2SC3326(A/B) 2SC938(A/B) 2S02704K
k2	0B004-8008-8010	1S5355 MA111 KDS160-RTK/P
k3	UB001	GP1FA513R20F GP1FA513RZ

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

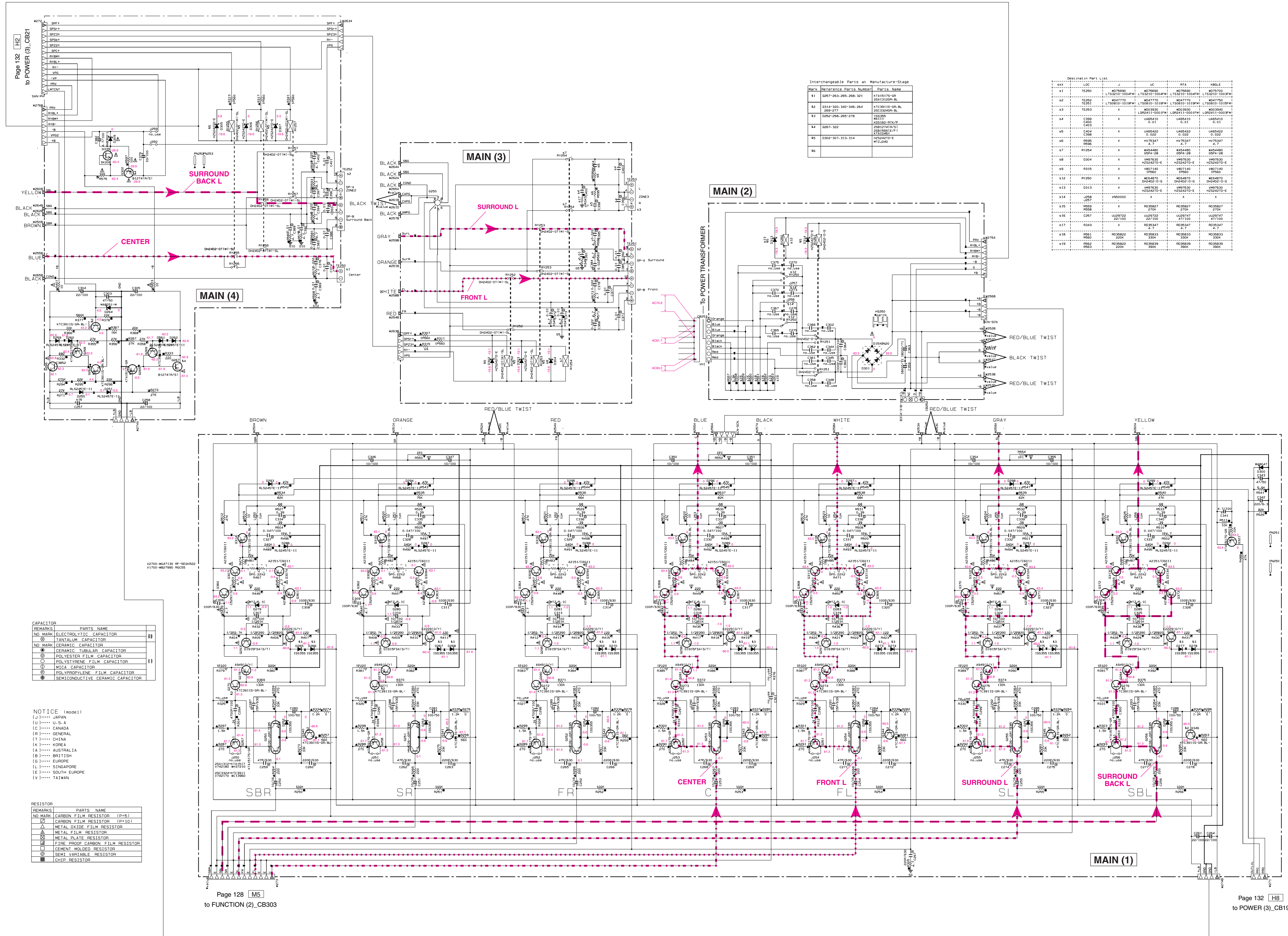
Destination Part List

sxx	LDC	J	UCRTKABGEL
s1	CB039	US13510 0.1/16	X
s2	JB005	X	RD35000 0

★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
★ Components having special characteristics are marked with a triangle, 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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●△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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MAIN



Interchangeable Parts at Manufacture Stage

Part No.	Reference Designator	Part Name	Part No.
K1	0097-250-260-261	47491970-00	26431200-RL
K2	0314-330-340-340-264	47491970-00-RL	26431200-RL
K3	0052-250-260-270	47491970-00-RL	26431200-RL
K4	0097-320	25812741/21	25812741/21
K5	0300-307-310-314	47491970-00	26431200-RL

Optional Parts List

Part No.	LOC	J	VC	HTA	KB0LE
K1	TE250	47491970	47491970	47491970	47491970
K2	TE251	47491970	47491970	47491970	47491970
K3	TE253	47491970	47491970	47491970	47491970
K4	C300	47491970	47491970	47491970	47491970
K5	C301	47491970	47491970	47491970	47491970
K6	C302	47491970	47491970	47491970	47491970
K7	C303	47491970	47491970	47491970	47491970
K8	C304	47491970	47491970	47491970	47491970
K9	C305	47491970	47491970	47491970	47491970
K10	C306	47491970	47491970	47491970	47491970
K11	C307	47491970	47491970	47491970	47491970
K12	C308	47491970	47491970	47491970	47491970
K13	C309	47491970	47491970	47491970	47491970
K14	C310	47491970	47491970	47491970	47491970
K15	C311	47491970	47491970	47491970	47491970
K16	C312	47491970	47491970	47491970	47491970
K17	C313	47491970	47491970	47491970	47491970
K18	C314	47491970	47491970	47491970	47491970
K19	C315	47491970	47491970	47491970	47491970

CAPACITOR

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

NOTICE (Note1)

(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

RESISTOR

REMARKS	PARTS NAME
NO. MARK	CARBON FILM RESISTOR (P=1)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
□	FILM PROOF CARBON FILM RESISTOR
□	CHEMIST-MOUNTED RESISTOR
⊕	SEMI-VARIABLE RESISTOR
■	CHIP RESISTOR

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

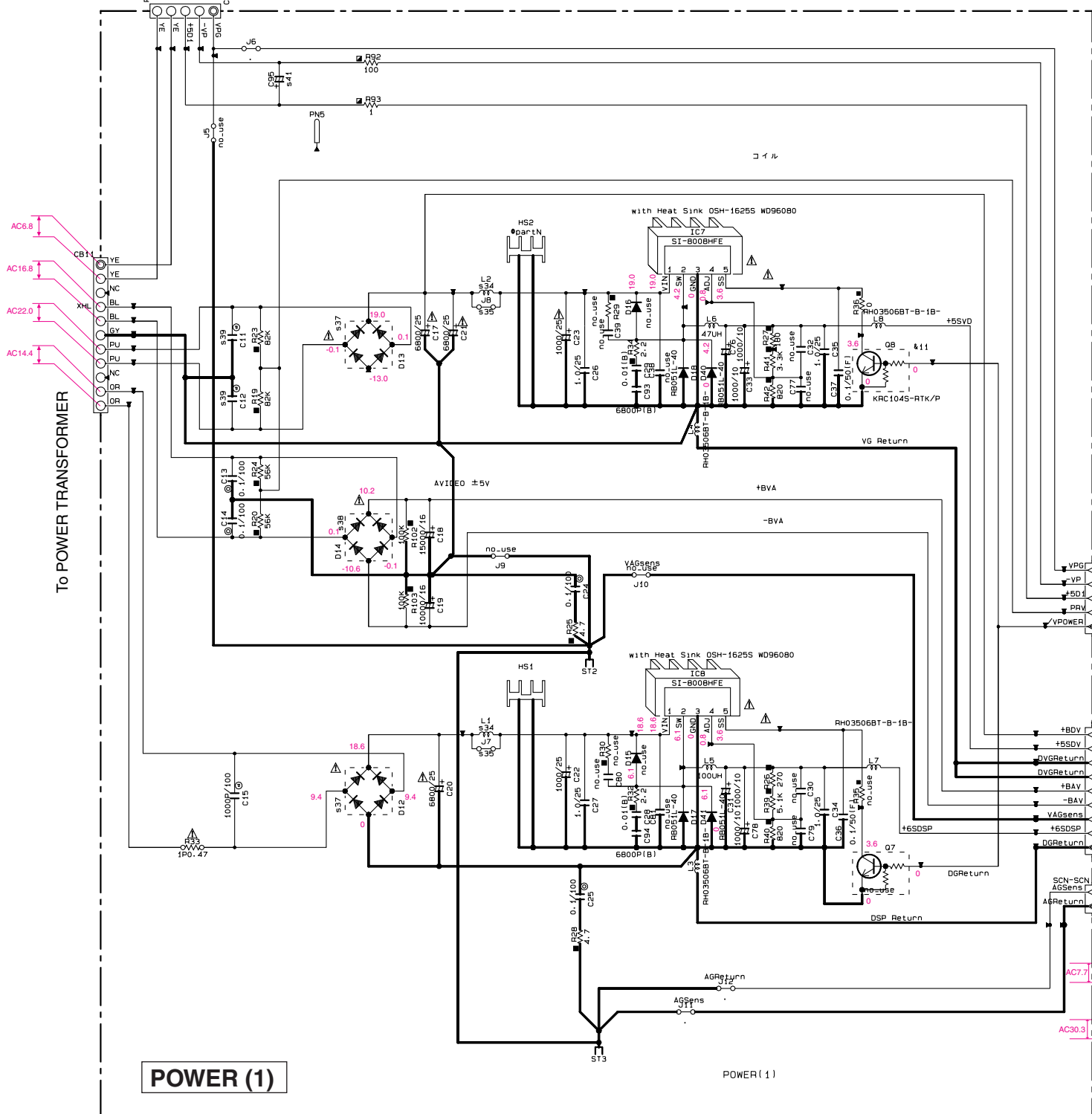
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POWER

Interchangeable Parts at Manufacture Stage

Mark	Reference Parts Number	Part's Name
K1	011	KIA1045-RTX/P 0T1A1045K
K2	020-26, 27, 28, 31, 32, 35 06, 26, 40	KIA1045-RTX/P 0T1A1045K
K3	01-4, 21, 30	1S3305 1S111 KOS160-RTX/P
K4	06	*M85-E 2P13401-E
K5		
K6		
K7	010-11	08105 S1N850
K8	02, 3-13, 42	K1C1045-RTX/P 25C241K10/R/S1
K9	010-41, 43	K1A1045-RTX/P 25A1045K10/R/S1
K10	09, 44	K1C1045-RTX/P 0T1A1045K
K11	01-4, 9, 26, 28, 30, 33, 34 37, 38	K1C1045-RTX/P 0T1A1045K
K12	08	1S5104 1S113 1S1176

Page 140 [B4] to FL (1)_W9001



RESISTOR PARTS NAME

NO MARK	CARBON FILM RESISTOR (P=0)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
◇	METAL FILM RESISTOR
○	METAL PLATE RESISTOR
◎	FINE PROOF CARBON FILM RESISTOR
⊙	CEMENT MOUNTED RESISTOR
⊚	SEMIVARIABLE RESISTOR
⊛	CHIP RESISTOR

CAPACITOR PARTS NAME

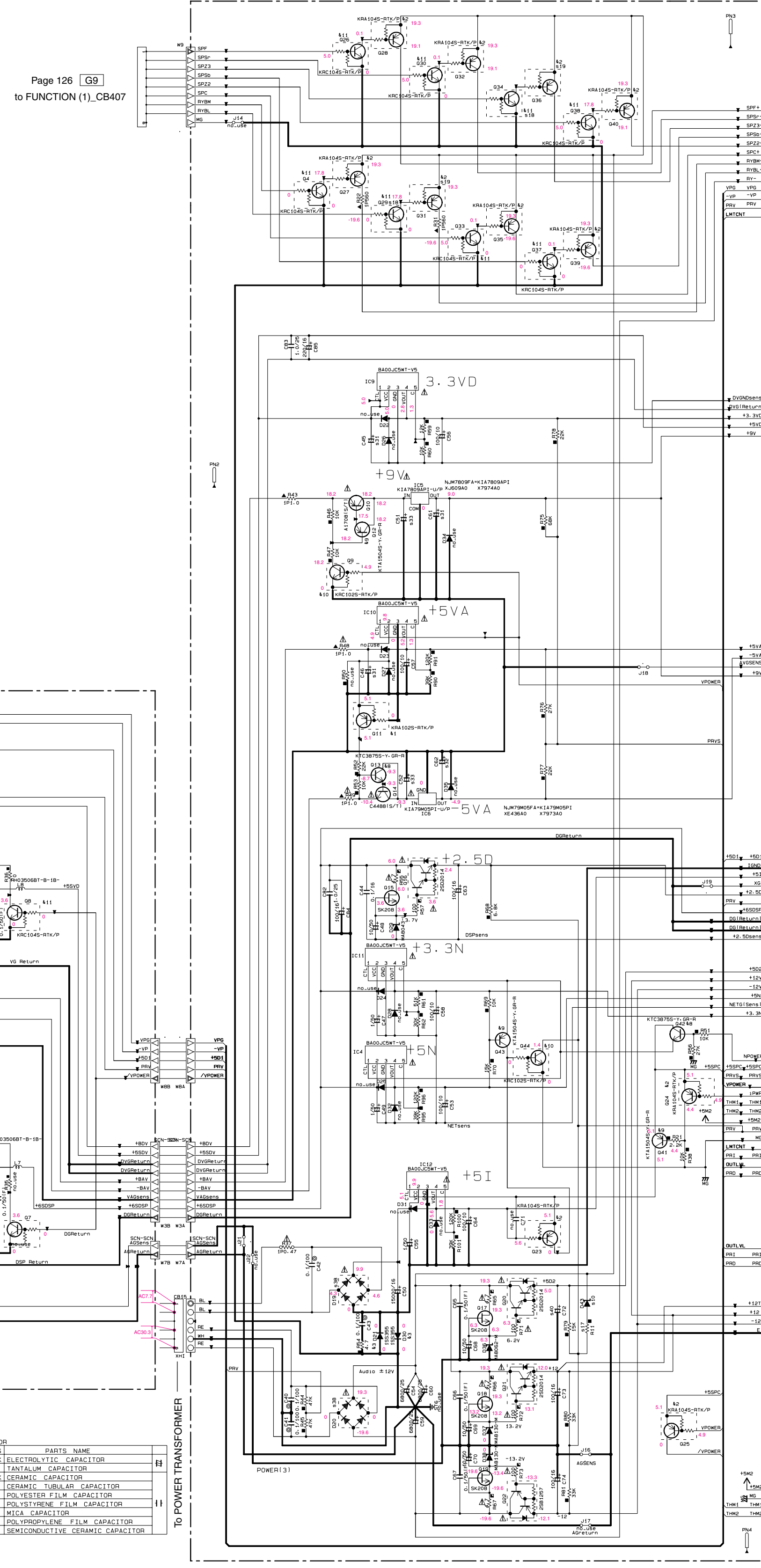
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□	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
○	CERAMIC TUBULAR CAPACITOR
◎	POLYESTER FILM CAPACITOR
⊙	POLYBUTYLENE FILM CAPACITOR
⊚	MICA CAPACITOR
⊛	POLYPROPYLENE FILM CAPACITOR
⊜	SEMICONDUCTIVE CERAMIC CAPACITOR

NOTICE (mode1)

- (J) JAPAN
- (U) U.S.A
- (C) CANADA
- (G) GENERAL
- (T) CHINA
- (K) KOREA
- (A) AUSTRALIA
- (B) BRITISH
- (E) EUROPE
- (L) SINGAPORE
- (S) SOUTH EUROPE
- (V) TAIWAN

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 * Schematic diagram is subject to change without notice.

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Page 131 [B1] to MAIN (4)_W272

Page 139 [L7] to D-VIDEO_CB188

Page 134 [B3] to A-VIDEO_W2001

Page 124 [I1] to DSP_W5301

Page 124 [K1] to DSP_W5302

Page 126 [H9] to FUNCTION (1)_CB409

Page 126 [D9] to FUNCTION (1)_CB406

Page 131 [M9] to MAIN (1)_W271

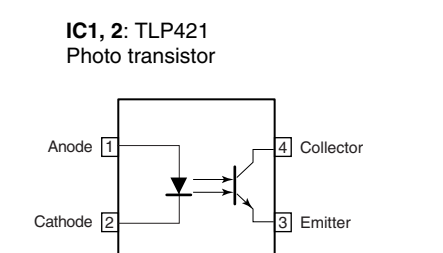
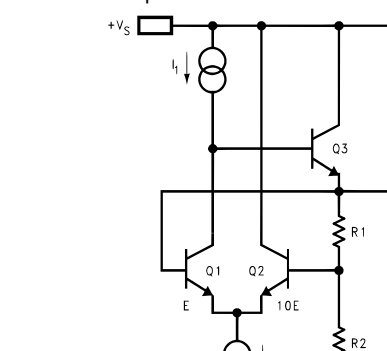
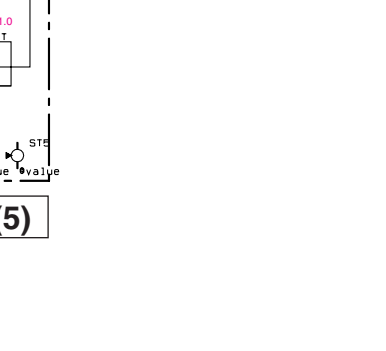
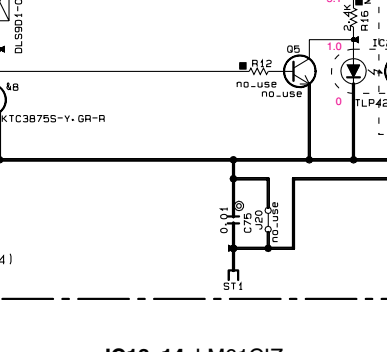
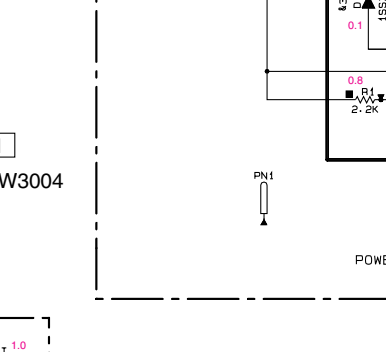
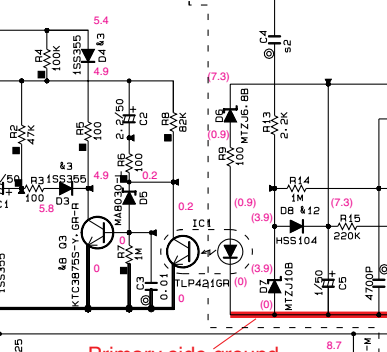
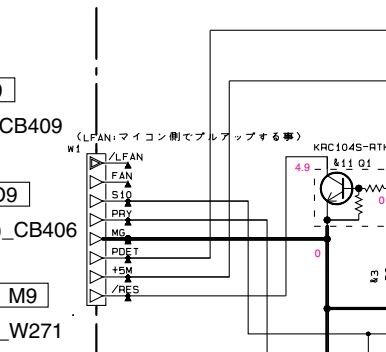
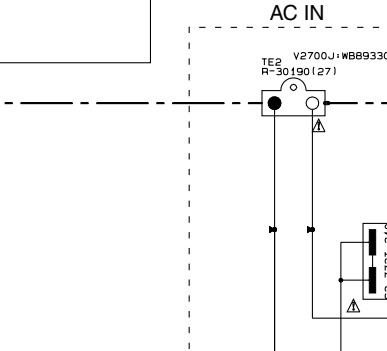
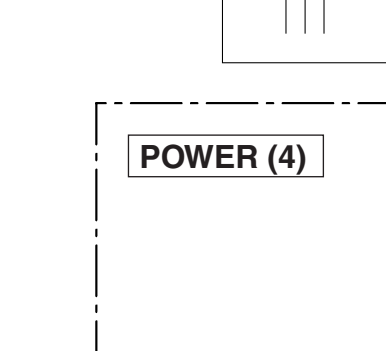
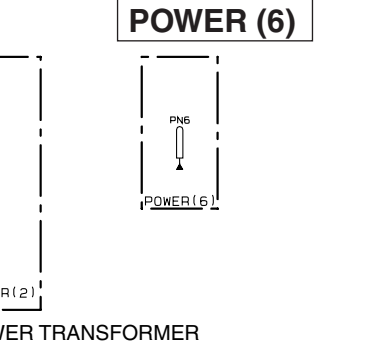
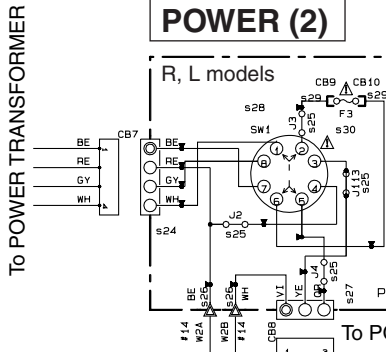
Page 128 [M1] to FUNCTION (2)_W3004

Page 131 [B1] to MAIN (4)_W272

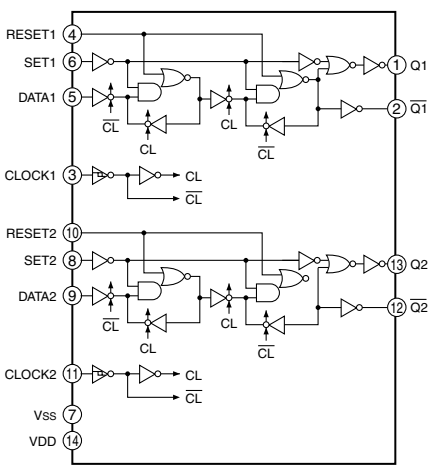
Page 131 [B1] to MAIN (4)_W272

Destination Part List

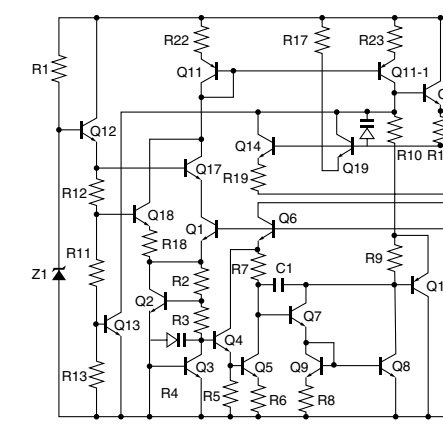
Destination	LC	LC	LC	LC	LC	LC	LC	LC	LC
K2	C4	W86710	W86710	W86710	W86710	W86710	W86710	W86710	W86710
K3	C7	W86930	W86930	W86930	W86930	W86930	W86930	W86930	W86930
K4	F1	W81080	W81080	W81080	W81080	W81080	W81080	W81080	W81080
K5	F2	W81080	W81080	W81080	W81080	W81080	W81080	W81080	W81080
K6	J1	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K7	Q1	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K8	Q2	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K9	Q3	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K10	Q4	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K11	R18	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K12	C10	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K13	CB4	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K14	CB8	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K15	CB5	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K16	TE2	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K17	R11	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K18	Q8	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K19	Q21	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K20	Q22	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K21	Q23	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K22	Q24	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K23	Q25	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K24	Q27	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K25	J13	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K26	Q28	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K27	Q29	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K28	Q31	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K29	Q30	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K30	Q32	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K31	Q33	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K32	Q34	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K33	Q35	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K34	L3-1, L3-2	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K35	J14-1, J14-2	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K36	J14-3	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K37	D13	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K38	D19	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K39	C11	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K40	C12	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000
K41	C16	W80000	W80000	W80000	W80000	W80000	W80000	W80000	W80000



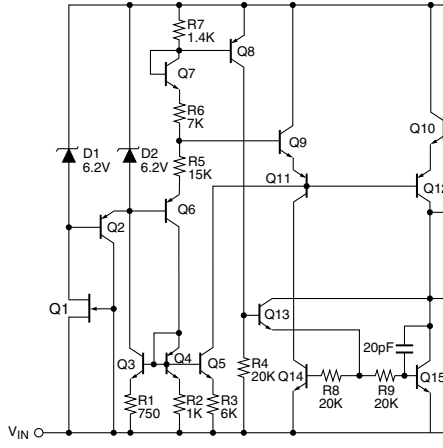
IC3: TC4013BP Dual D-type flip flop



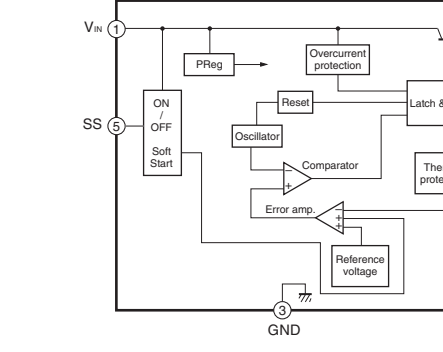
IC5: KIA7809API-U/P Voltage regulator



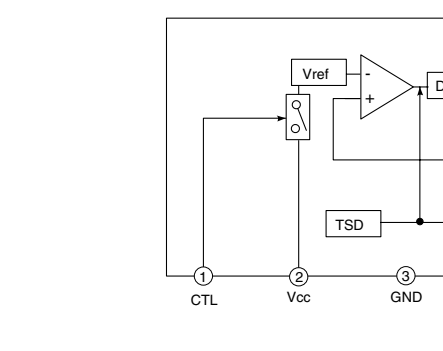
IC6: KIA79M05PI-U Voltage regulator



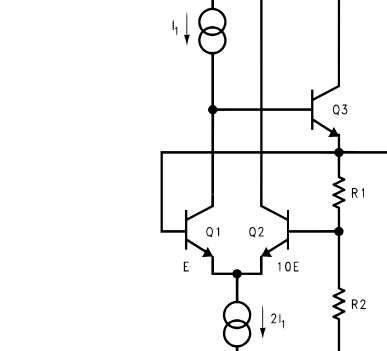
IC7: SI-8008HFE Voltage regulator



IC4: 9-12: BA00JC5WT-V5 Voltage regulator

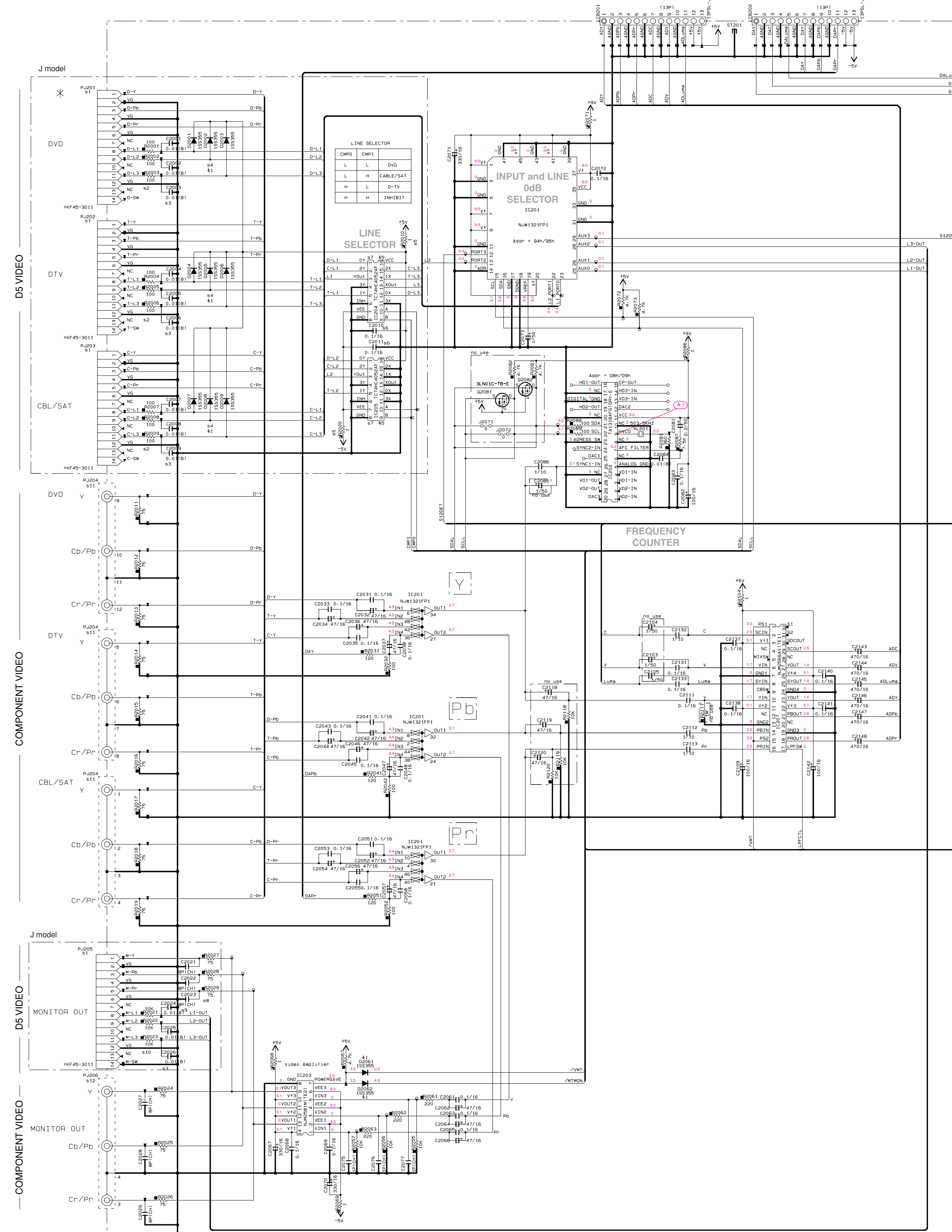


IC13, 14: LM161CZ Temperature sensor



A-VIDEO 1/2

Page 136 [A5] to D-VIDEO_CB122
Page 136 [A4] to D-VIDEO_CB121



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

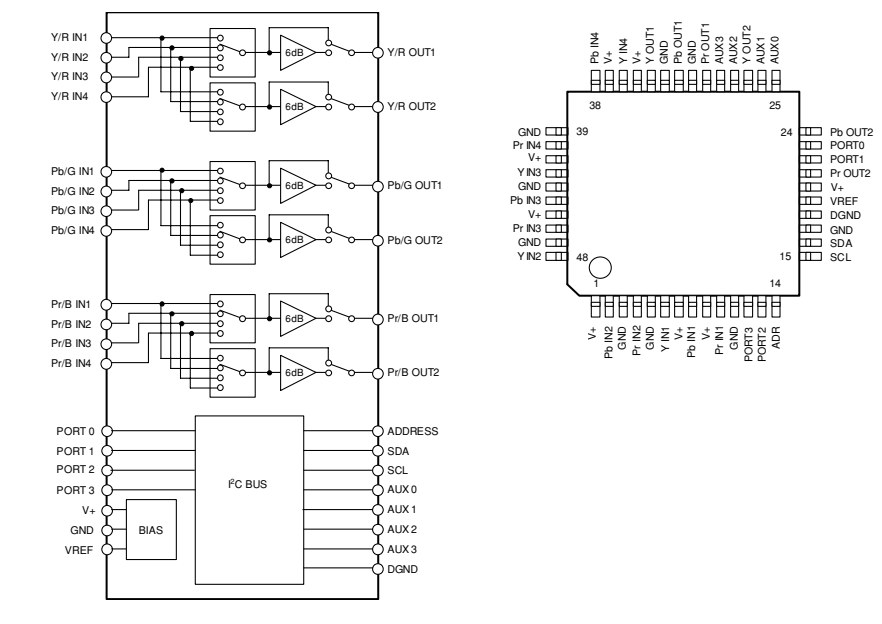
NOTICE (model)

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

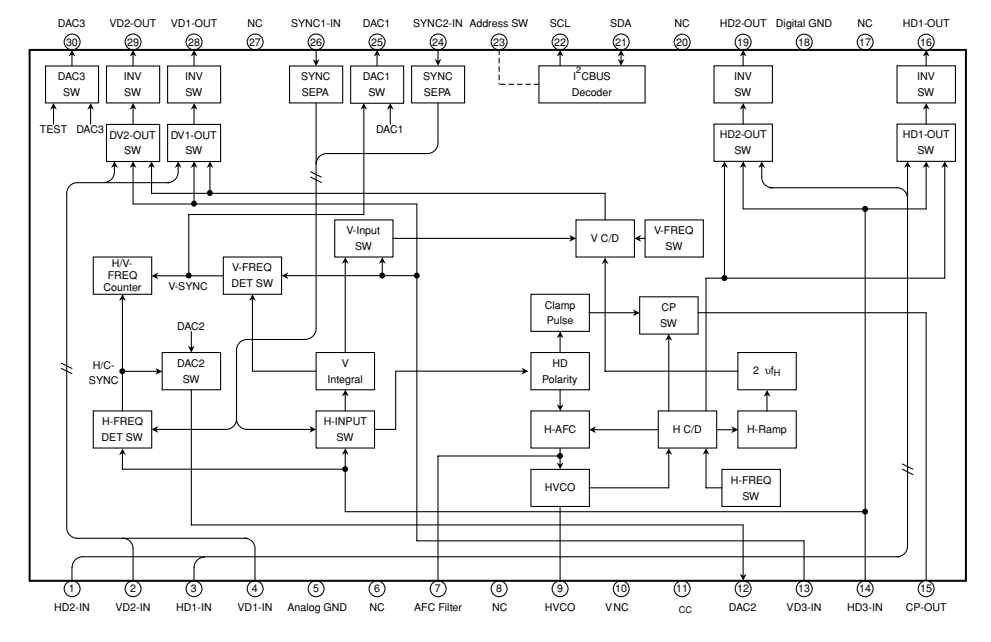
CAPACITOR

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

IC201: NJW1321FP1 Wide band video switch with I/C bus



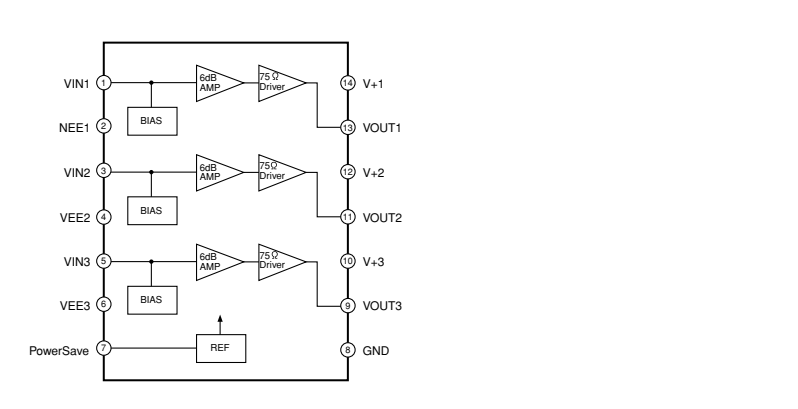
IC202: TA1318AF SYNC processor, frequency counter IC for TV component signals



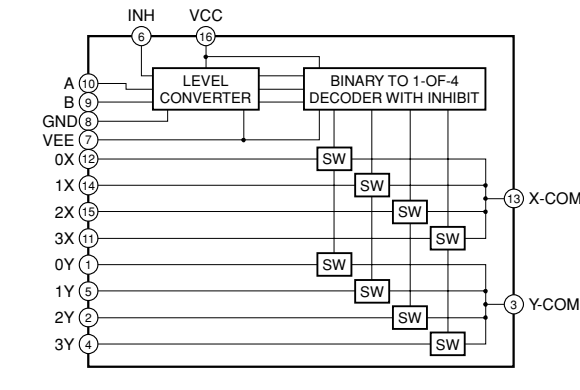
Destination Part List

Part No.	Part Name	J	U-C	R-X	T-A-B-G-L-E
81	P1001			X	X
82	P1002			X	X
83	C2001			X	X
84	D2001			X	X
85	R2010			X	X
86	C2010			X	X
87	IC204			X	X
88	R2027			X	X
89	C2021			X	X
90	R2022			X	X
91	P1004			X	X
92	P1005			X	X
93	P1006			X	X

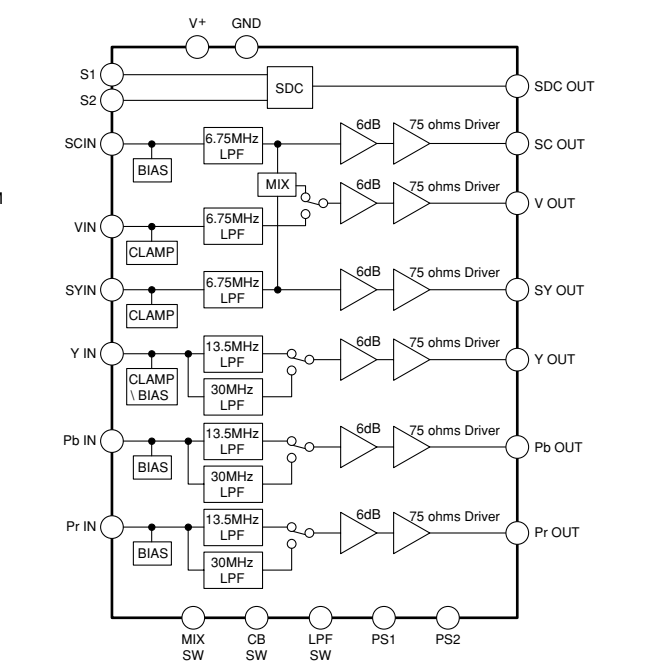
IC203: NJM2581M Video amplifier



IC204, 205: TC74HC4052AF Analog multiplexer/demultiplexer



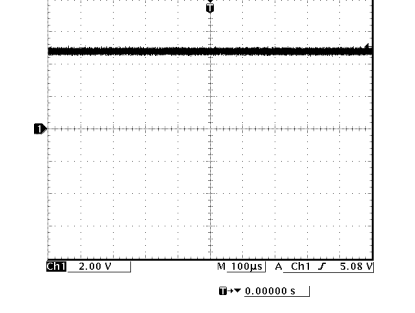
IC207: NJM2566AV 6-channel video amplifier for DVD



Interchangeable Parts at Manufacture-Stage

Mark	Reference Part Number	Part Name
41	D2001-2009, 2061-2062, 2064-2065, 2081-2082, 2611-2612, 2631-2634, 2651-2652	1S5300 MA111
42	D2541-2546	D1C144EXA KRC10-AS-RTK/P
43	IC200	TK15420MTL A00958A02
44	IC211-214	M74HC4051BXX TC74HC4051AF1EL-F.1
45	IC204-205	M74HC4052BXX TC74HC4052AF1EL-F.1
46	IC217-221	M74HC4053BXX TC74HC4053AF1EL-F.1

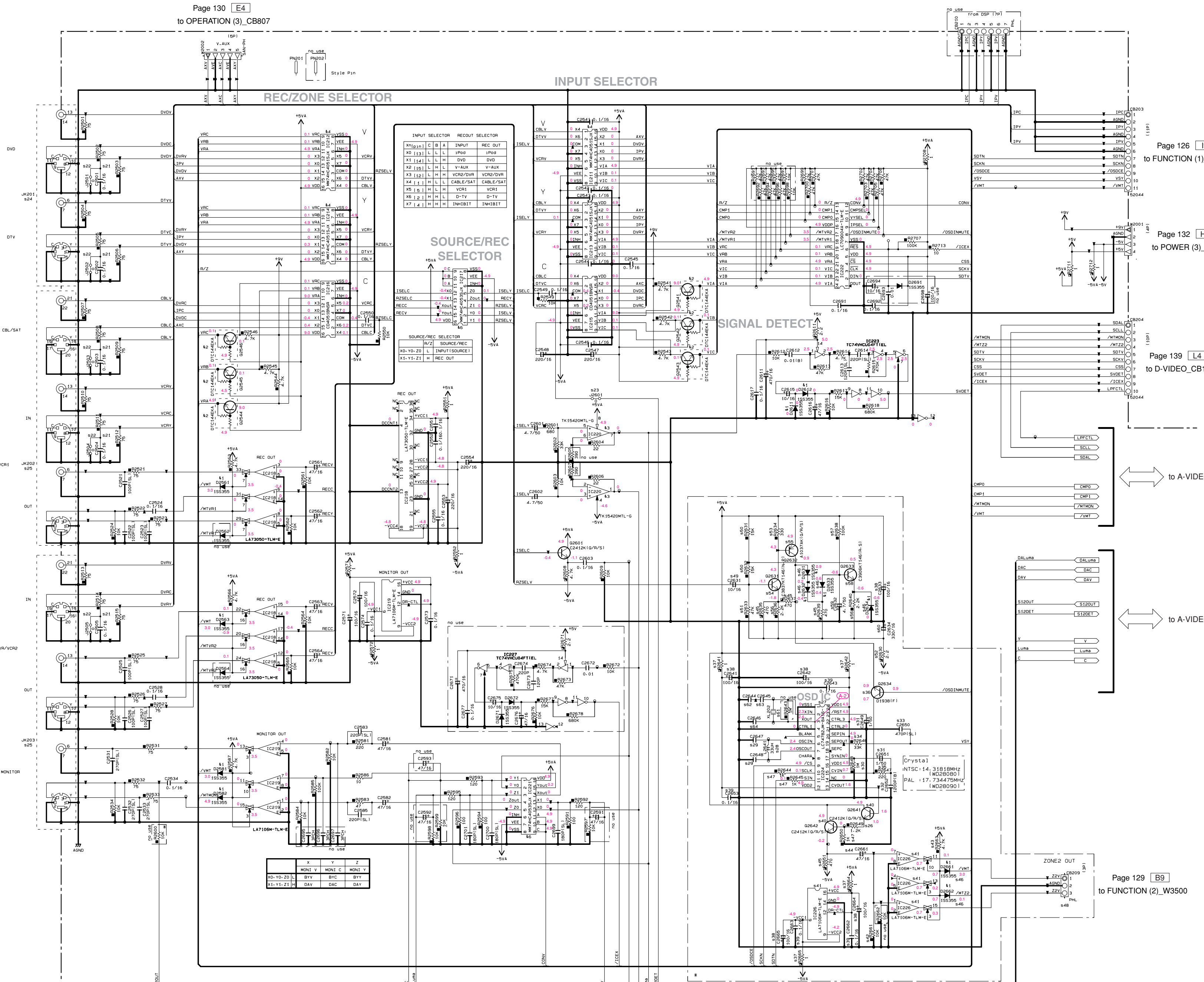
POINT (A-1) Pin 9 of IC202



* All voltages are measured with a 10MΩ/V DC electronic voltmeter.
 * Components having special characteristics are marked with a triangle 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。
 ● 印のある部品は、安全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ございます。

A-VIDEO 2/2

Page 130 [E4] to OPERATION (3)_CB807



NOTICE (page 11)

RESISTOR PARTS NAME

NO MARK	CARBON FILM RESISTOR
□	CARBON FILM RESISTOR (P10)
△	METAL OXIDE FILM RESISTOR
◇	METAL FILM RESISTOR
○	METAL PLATE RESISTOR
□	CEMENT MOLDED CARBON FILM RESISTOR
○	SEMI-VARIABLE RESISTOR
■	CHIP RESISTOR

CAPACITOR PARTS NAME

□	TANTALUM CAPACITOR
○	ELECTROLYTIC CAPACITOR
●	CERAMIC CAPACITOR
⊙	DERIVATIVE TUBULAR CAPACITOR
⊖	POLYESTER FILM CAPACITOR
⊕	POLYETHYLENE FILM CAPACITOR
⊗	MICA CAPACITOR
⊘	POLYPROPYLENE FILM CAPACITOR
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR
⊚	POLYPHENYLENE SULFIDE FILM CAPACITOR

Capacitor list table with columns: QTY, LOC, J, U-C, R-X, T-A, B-D, L-E

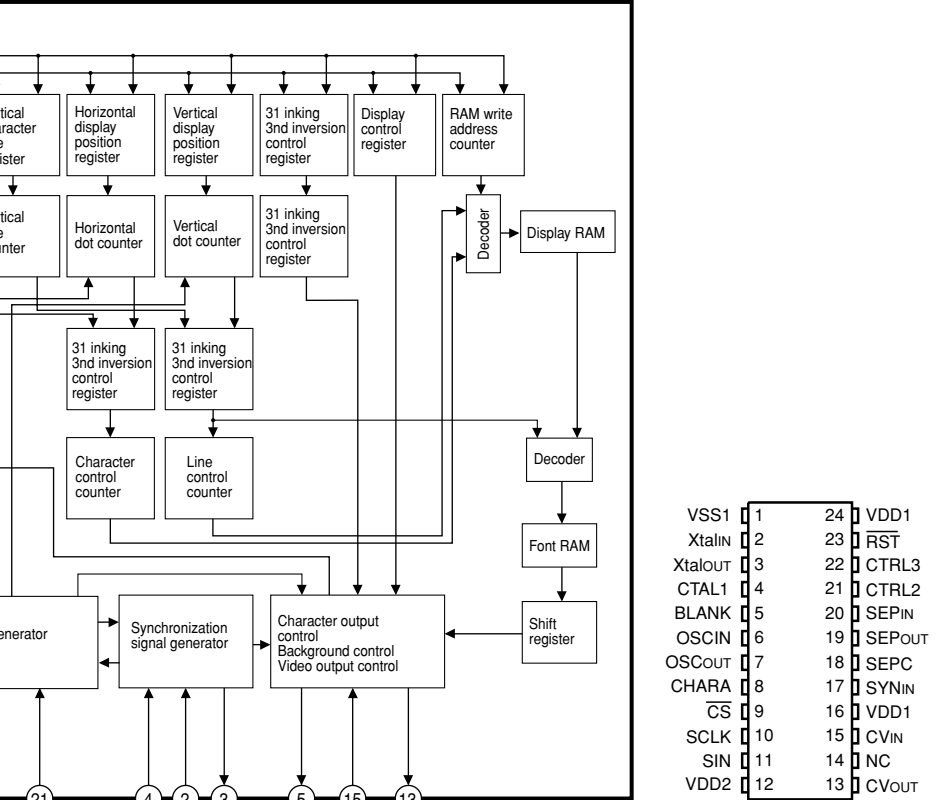
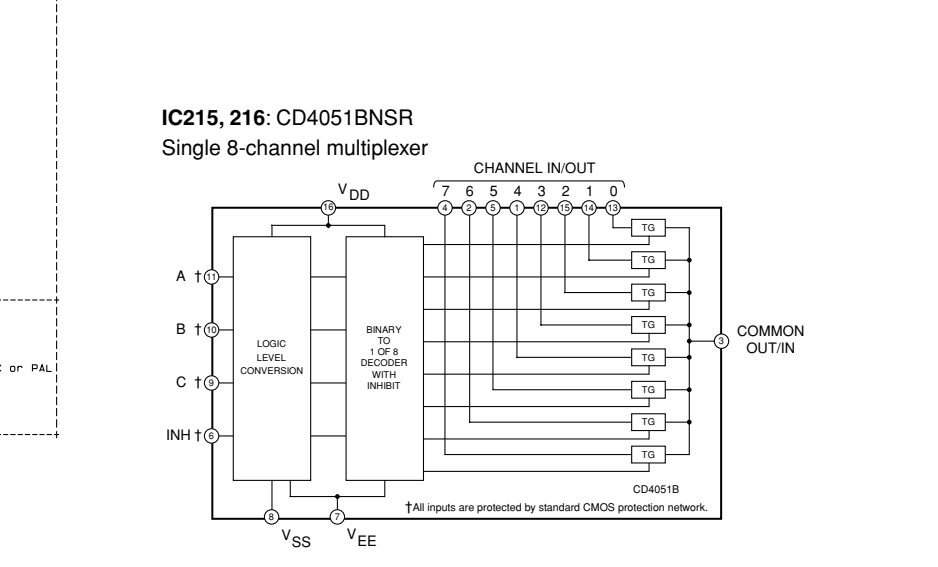
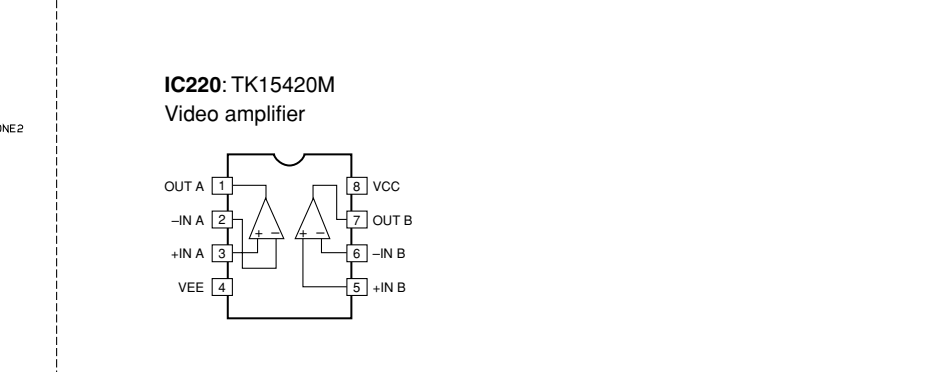
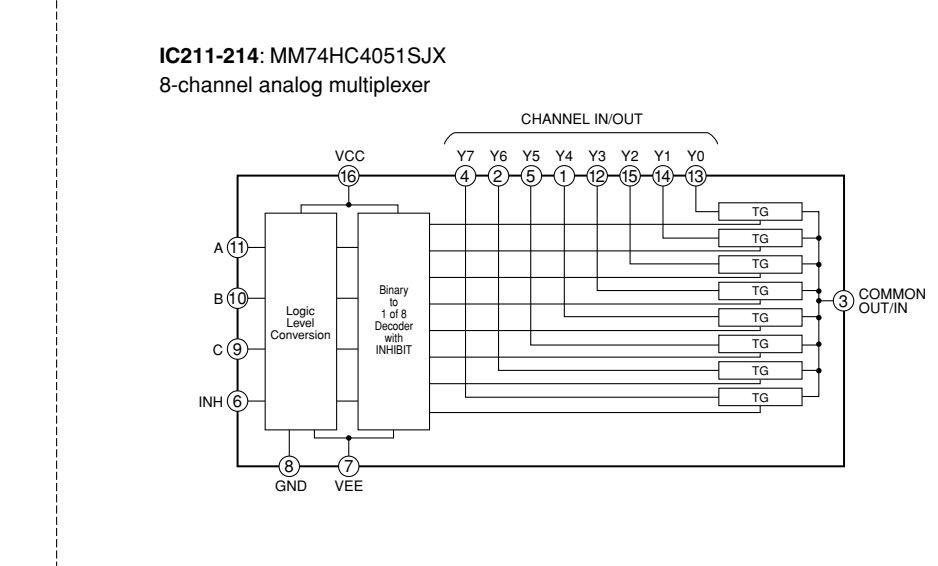
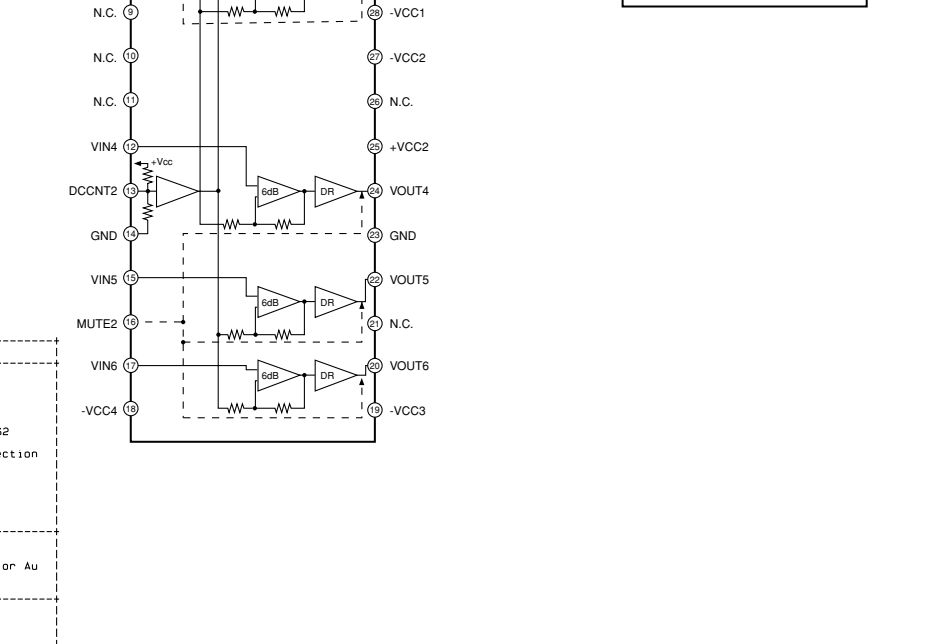
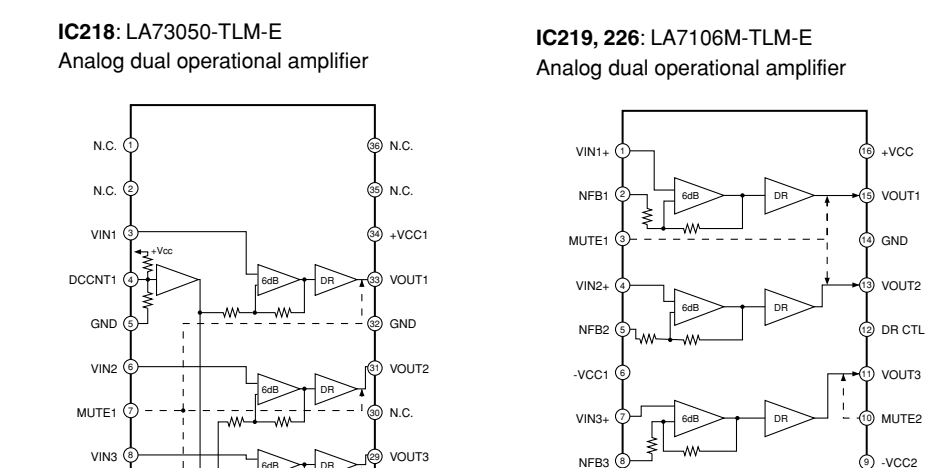
Resistor list table with columns: QTY, LOC, J, U-C, R-X, T-A, B-D, L-E

Resistor list table with columns: QTY, LOC, J, U-C, R-X, T-A, B-D, L-E

Resistor list table with columns: QTY, LOC, J, U-C, R-X, T-A, B-D, L-E

Resistor list table with columns: QTY, LOC, J, U-C, R-X, T-A, B-D, L-E

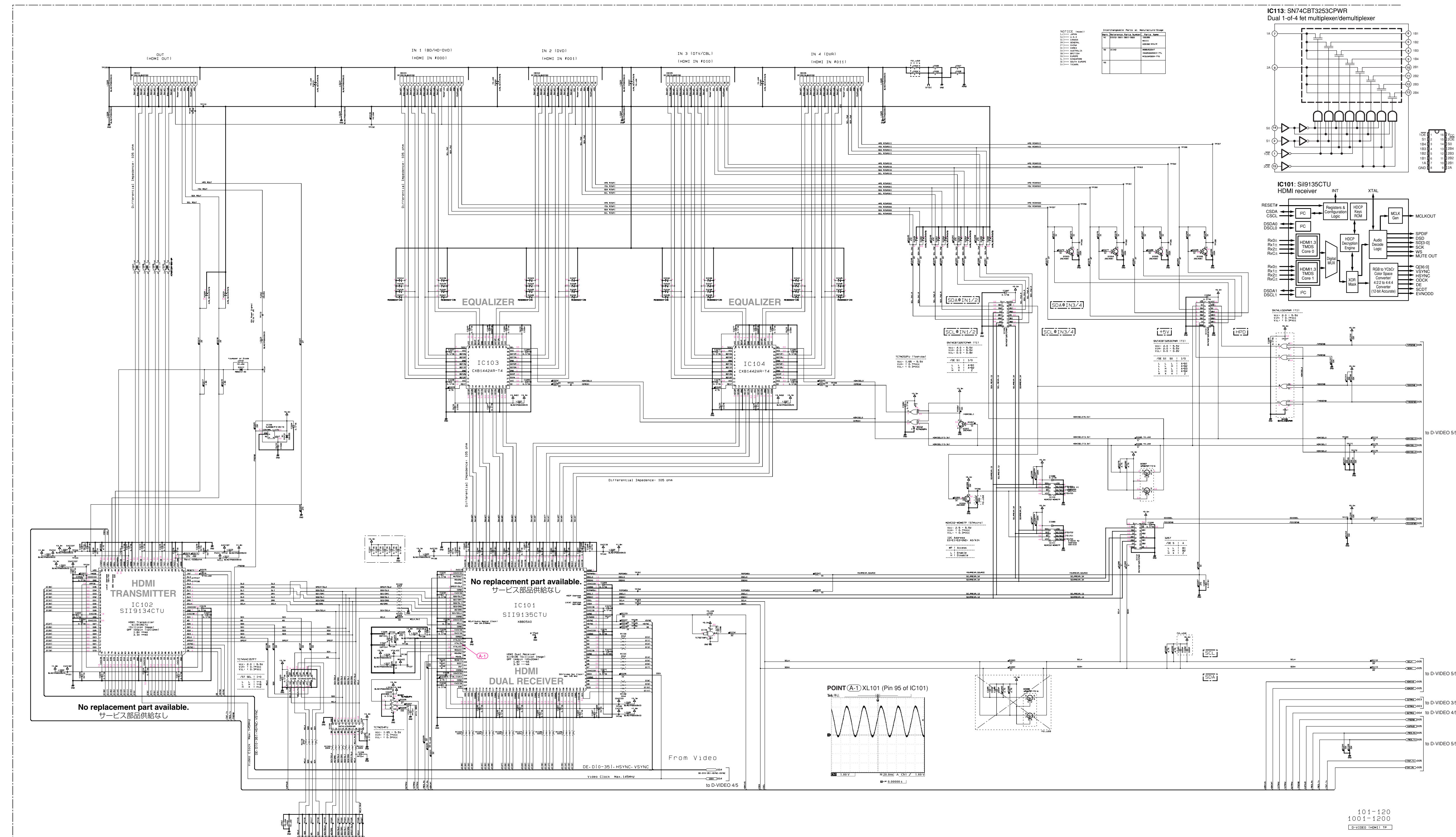
Resistor list table with columns: QTY, LOC, J, U-C, R-X, T-A, B-D, L-E



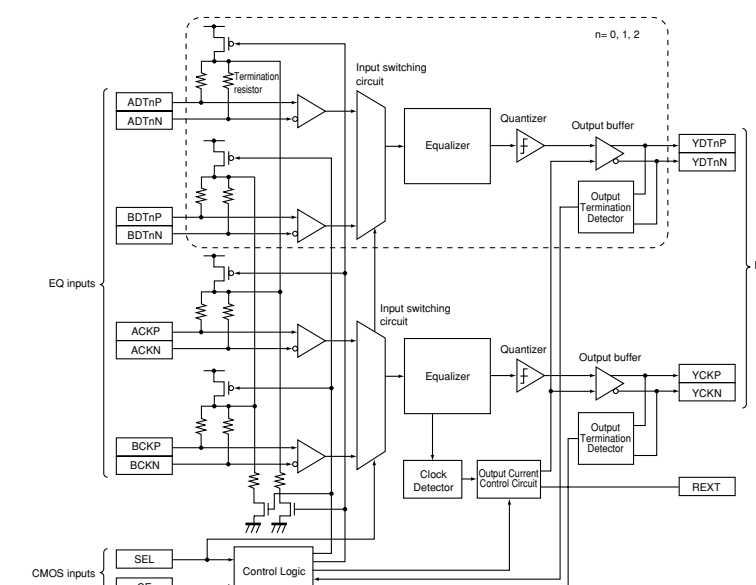
★ All voltages are measured with a 10M Ω /V DC electronic voltmeter.
 ★ Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.
 ★ Schematic diagram is subject to change without notice.

● 電圧は、内部抵抗10M Ω の電圧計で測定したものです。
 ● 三角形印のある部品は、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ございます。

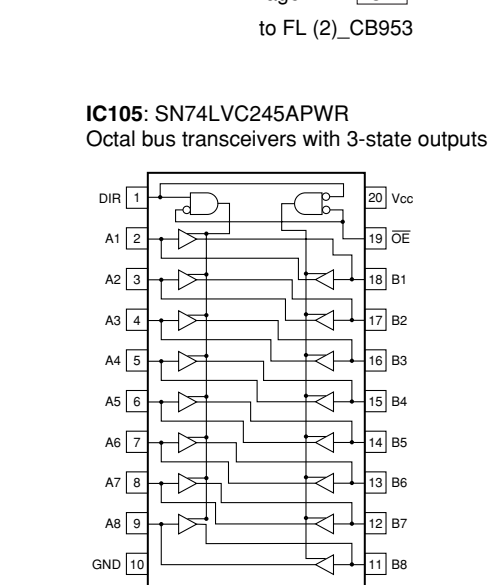
D-VIDEO 1/5



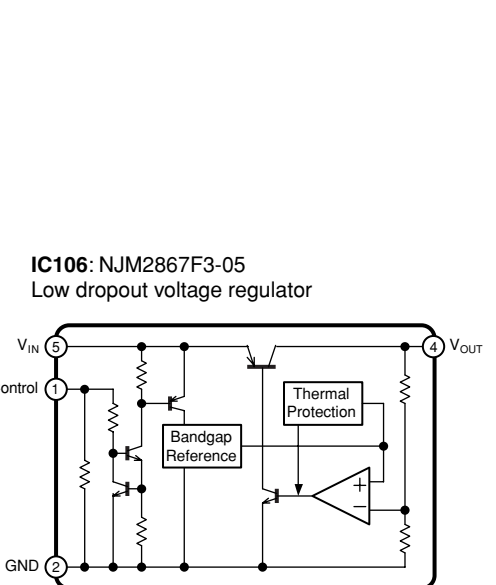
IC103, 104: CXB1442AR-T4 Cable equalizer with 2-system switching function



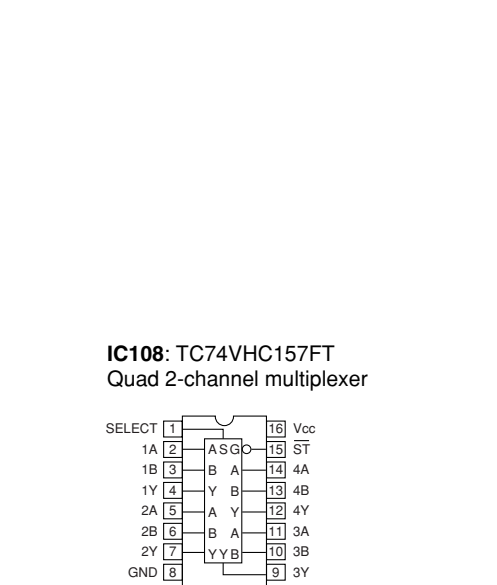
Page 141 [C2] to FL (2)_CB953



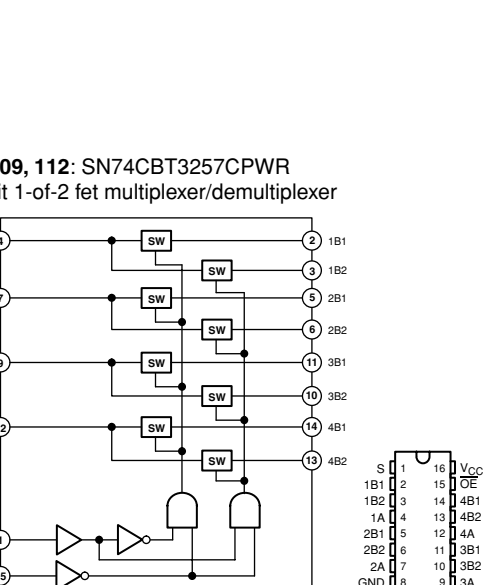
IC106: NJM2867F3-05 Low dropout voltage regulator



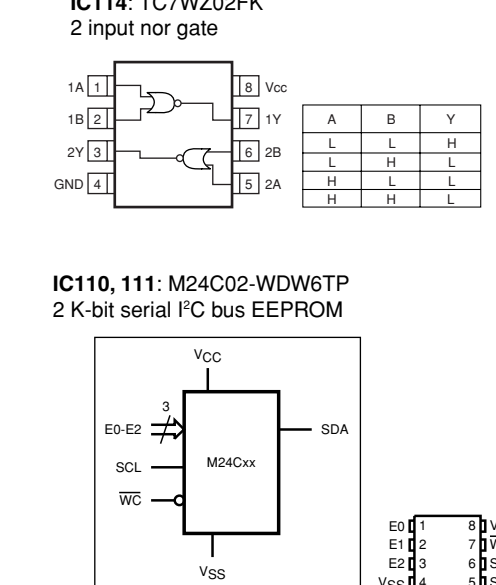
IC108: TC74VHC157FT Quad 2-channel multiplexer



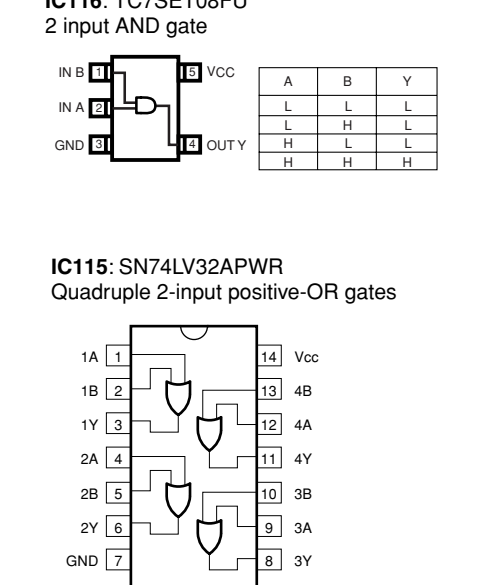
IC109, 112: SN74CBT3257CPWR 4-bit 1-of-2 fet multiplexer/demultiplexer



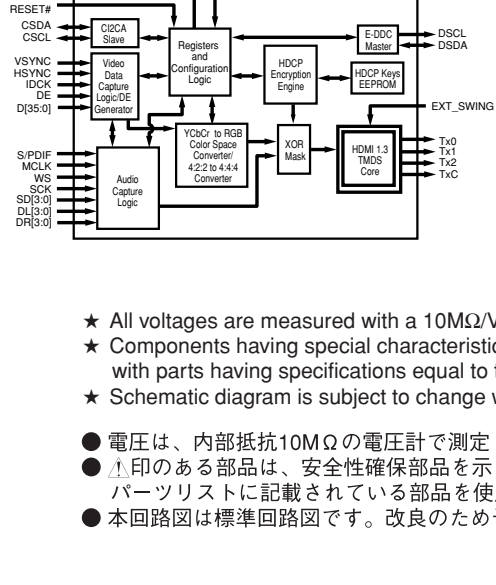
IC114: TC7WZ02FK 2 input nor gate



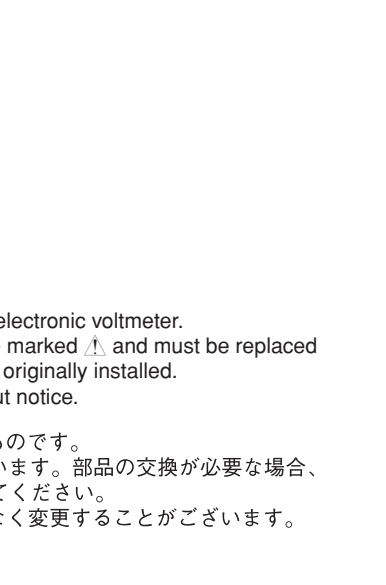
IC116: TC7SET08FU 2 input AND gate



IC102: SII9134CTU HDMI transmitter



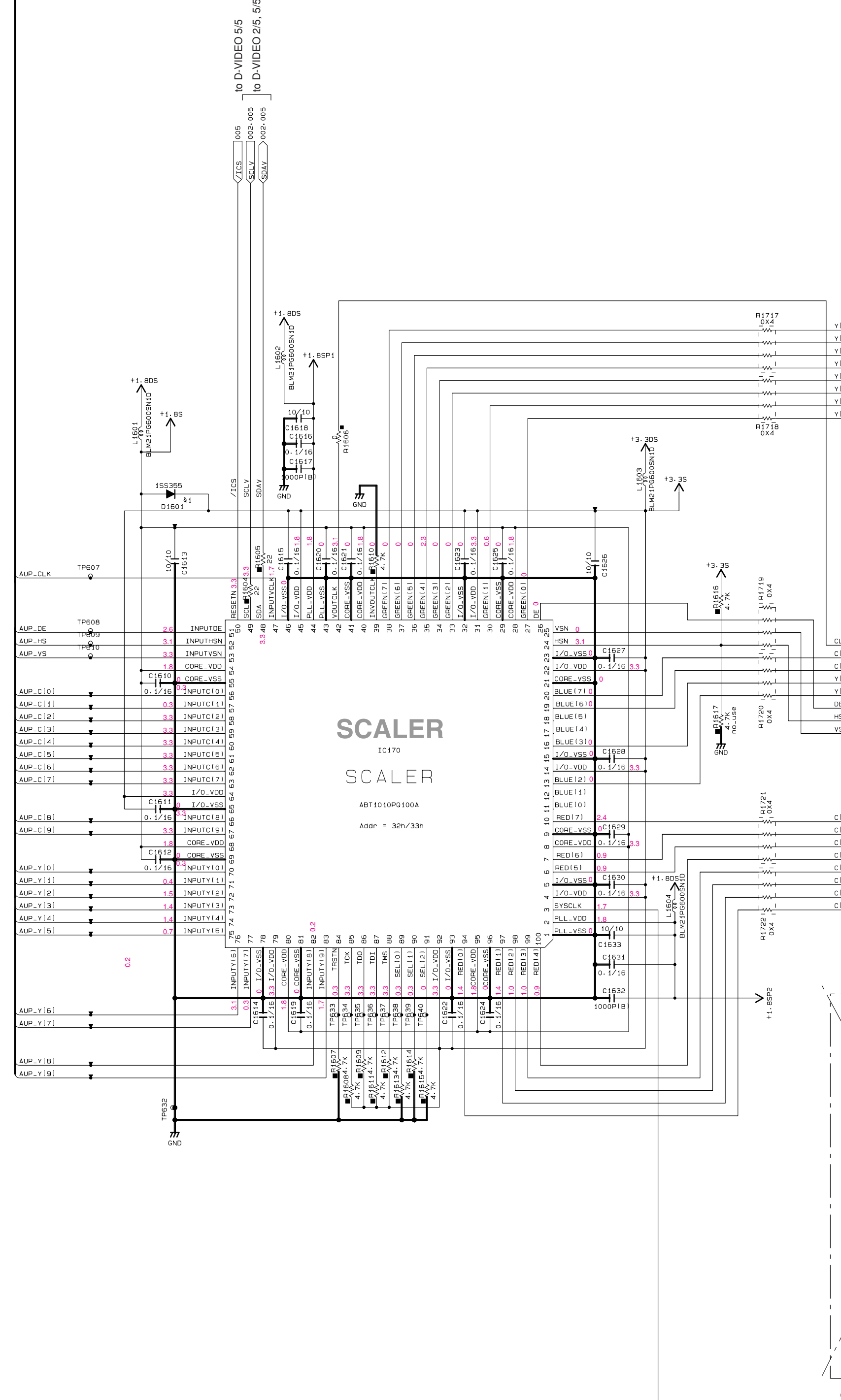
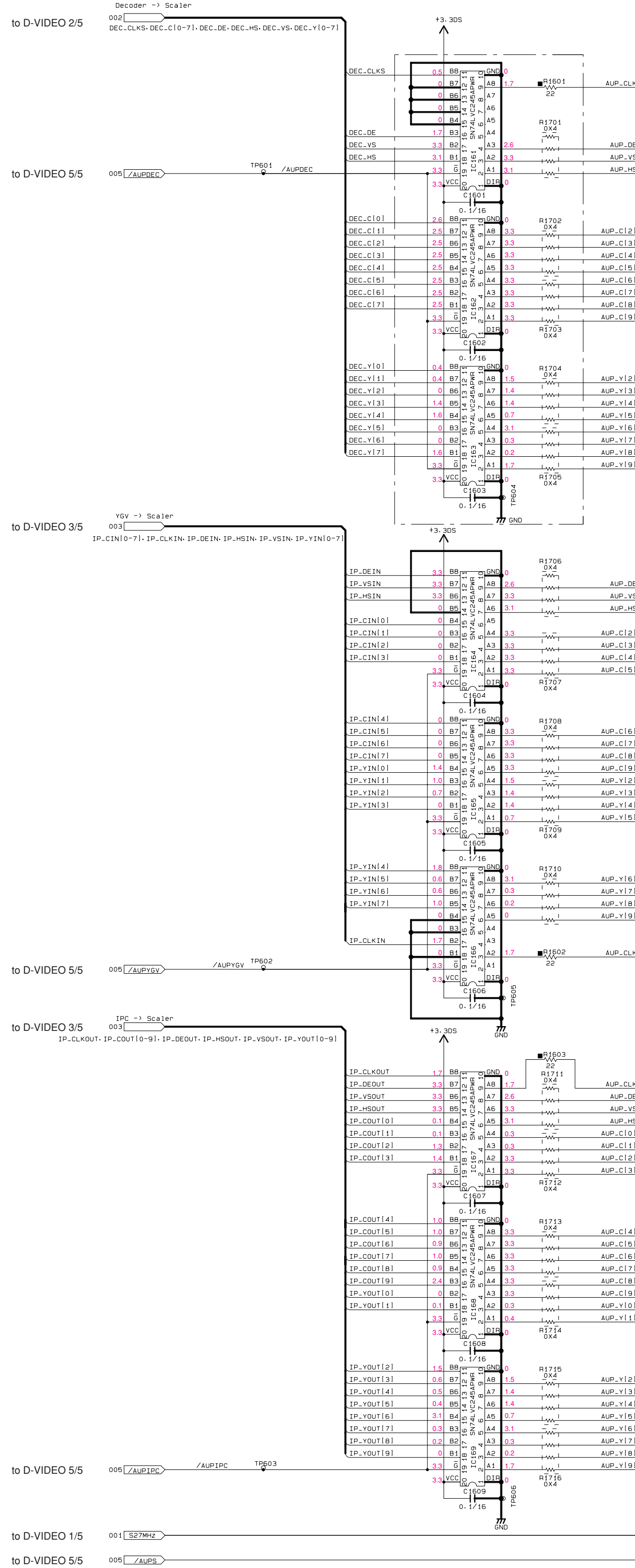
IC115: SN74LV32APWR Quad 2-input positive-OR gates



- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked with a triangle symbol 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。
- 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ございます。

101-120
1001-1200
S-VIDEO (HDMI) TX

D-VIDEO 4/5



NOTICE (model)

J	..... JAPAN
U	..... U.S.A
C	..... CANADA
R	..... GENERAL
T	..... CHINA
K	..... KOREA
A	..... AUSTRALIA
B	..... BRITISH
E	..... EUROPE
S	..... SINGAPORE
I	..... SOUTH EUROPE
V	..... TAIWAN

RESISTOR

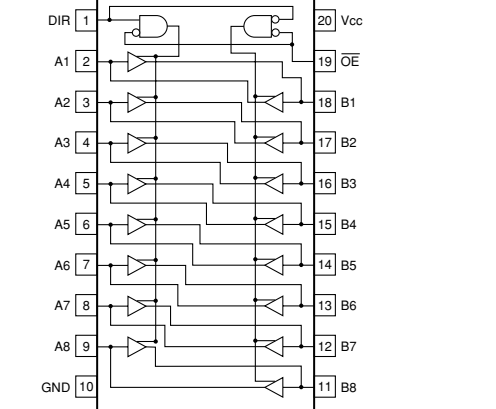
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (DHS)
□	CARBON FILM RESISTOR (D-10)
△	METAL OXIDE FILM RESISTOR
▽	METAL FILM RESISTOR
○	METAL PLATE RESISTOR
□	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
□	SEMI-VARIABLE RESISTOR
□	CHIP RESISTOR

CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
□	TANTALUM CAPACITOR
□	CERAMIC CAPACITOR
□	CERAMIC TUBULAR CAPACITOR
□	POLYESTER FILM CAPACITOR
□	POLYPROPYLENE FILM CAPACITOR
□	MICA CAPACITOR
□	POLYPROPYLENE FILM CAPACITOR
□	SEMICONDUCTIVE CERAMIC CAPACITOR
□	POLYETHYLENE SULFIDE FILM CAPACITOR

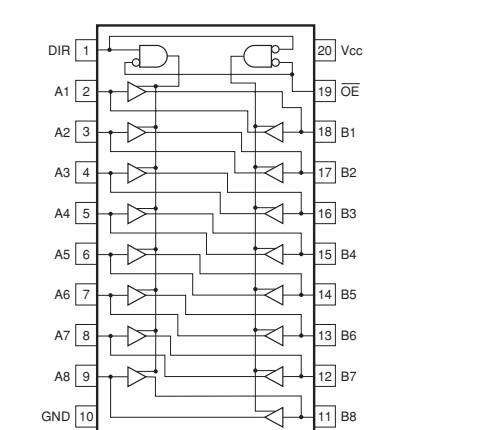
161-169: SN74LVC245APWR

Octal bus transceivers with 3-state outputs



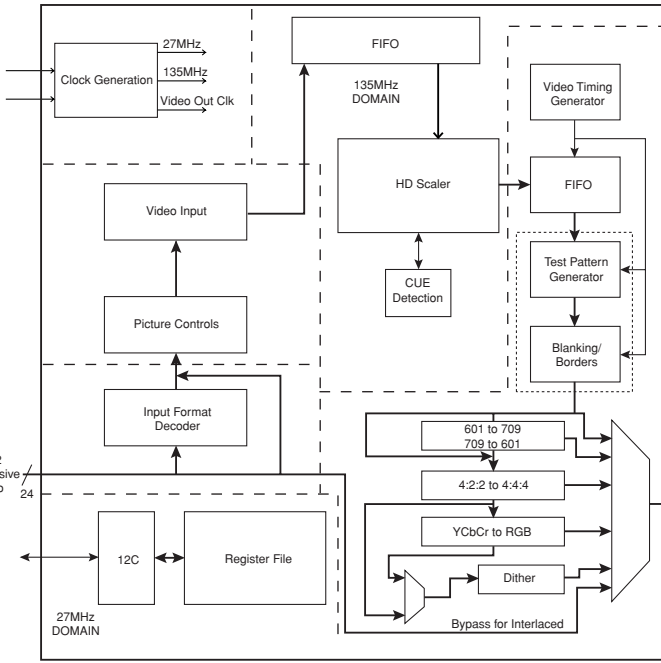
IC171-173: SN74LVTH245APW

3.3 V ABT octal bus transceivers with 3-state outputs



IC170: ABT1010PQ100A

High definition video scaler device

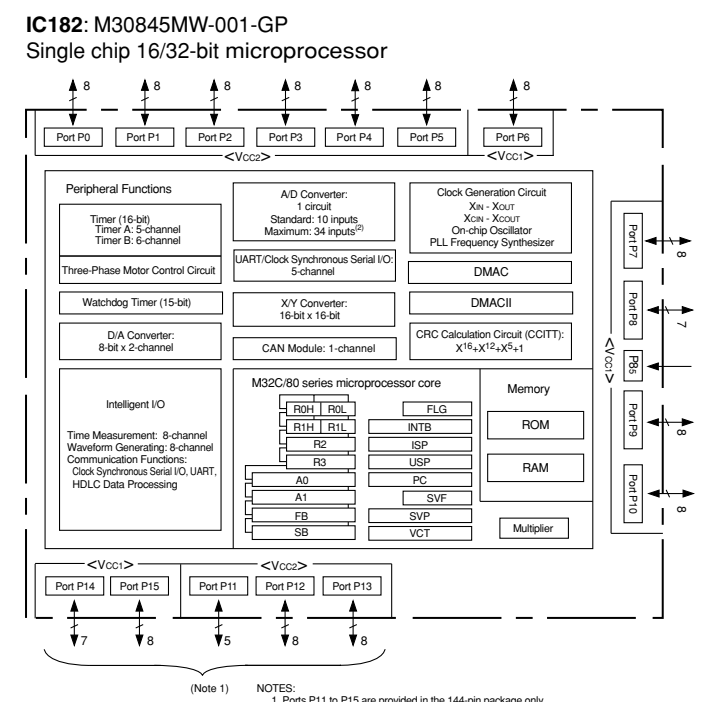
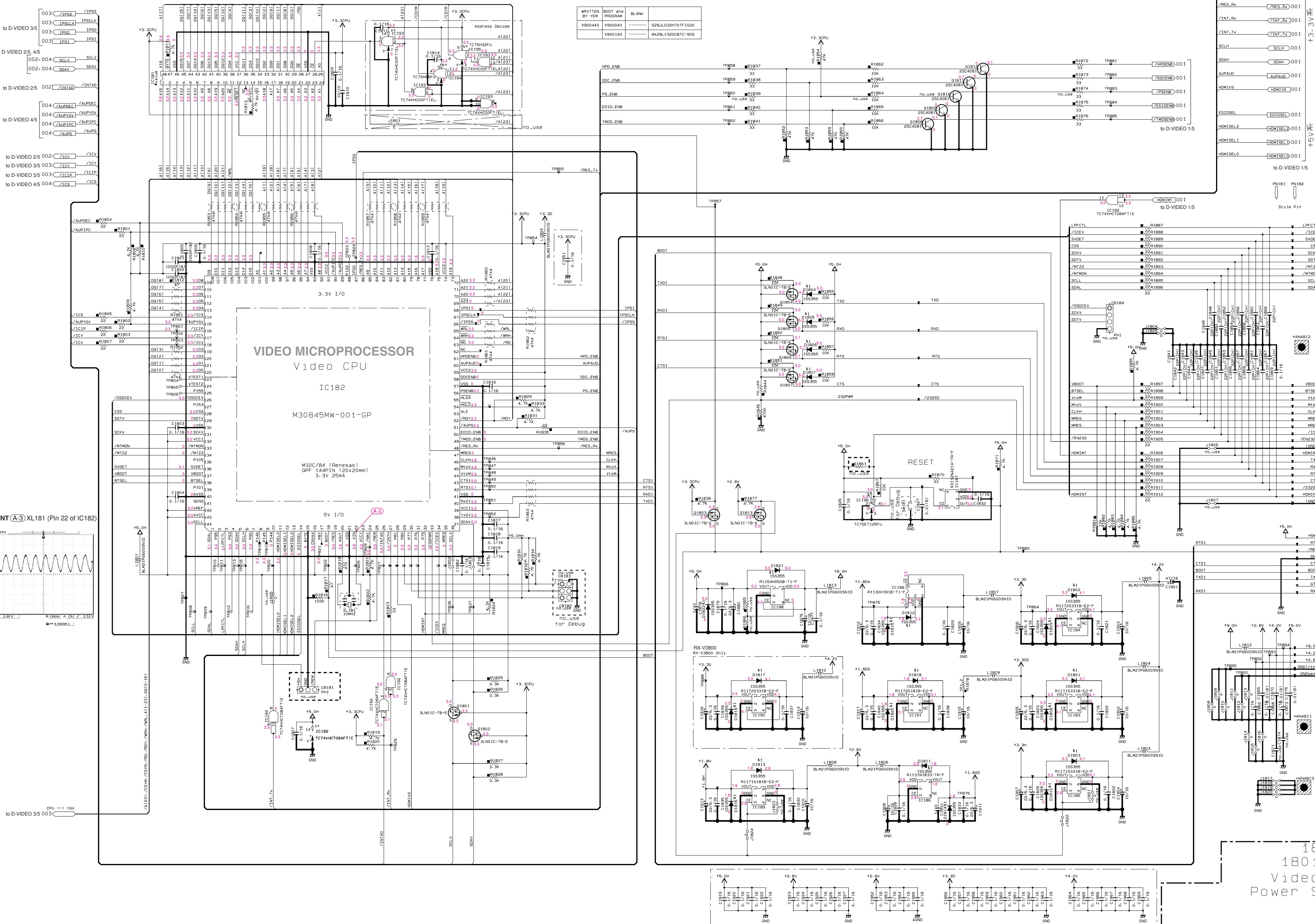


161-180
1601-1800
Scaler

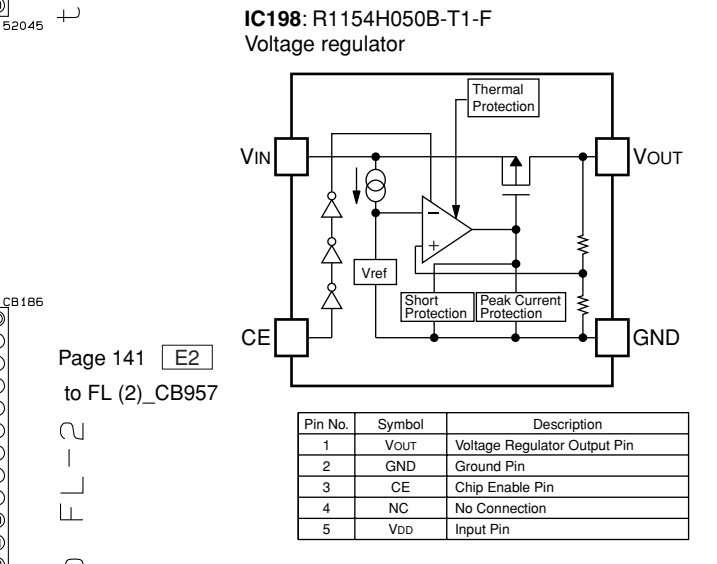
* All voltages are measured with a 10MΩ/V DC electronic voltmeter.
 * Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.
 * Schematic diagram is subject to change without notice.

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 ●△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ございます。

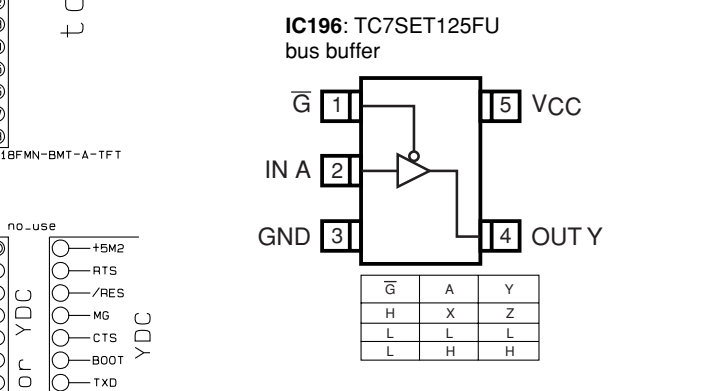
D-VIDEO 5/5



Page 134 [14] to A-VIDEO_CB204



Page 141 [E2] to FL (2)_CB957



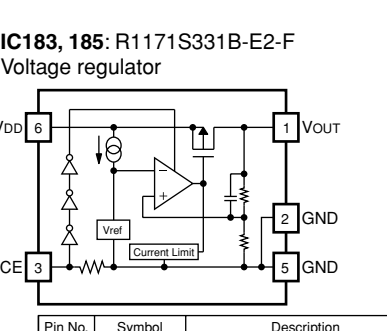
Pin No.	Symbol	Description
1	Vout	Voltage Regulator Output Pin
2	GND	Ground Pin
3	CE	Chip Enable Pin
4	NC	No Connection
5	Vin	Input Pin

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
△	CARBON FILM RESISTOR
□	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊙	FILM PROOF CARBON FILM RESISTOR
⊖	CEMENT MOUNTED RESISTOR
⊕	SEM. VARIABLE RESISTOR
⊗	CHIP RESISTOR

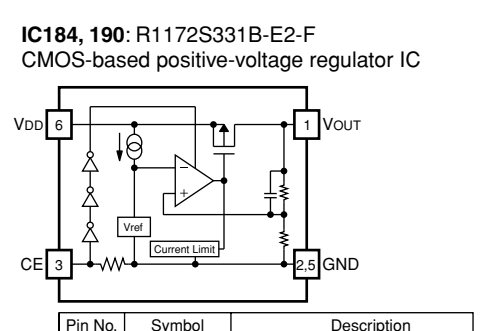
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊕	TANTALUM CAPACITOR
⊖	CERAMIC CAPACITOR
⊙	POLYESTER FILM CAPACITOR
⊖	POLYSTYRENE FILM CAPACITOR
⊙	MEGA CAPACITOR
⊖	POLYPROPYLENE FILM CAPACITOR
⊖	SEMICONDUCTIVE CERAMIC CAPACITOR
⊖	POLYPHENYLENE SULFIDE FILM CAPACITOR

NOTICE (Note 1)
 (J) JAPAN
 (U) U.S.A.
 (C) CANADA
 (I) GENERAL
 (T) CHINA
 (K) KOREA
 (A) AUSTRALIA
 (B) BRITISH
 (E) EUROPE
 (L) SINGAPORE
 (S) SOUTH EUROPE
 (V) TAIWAN

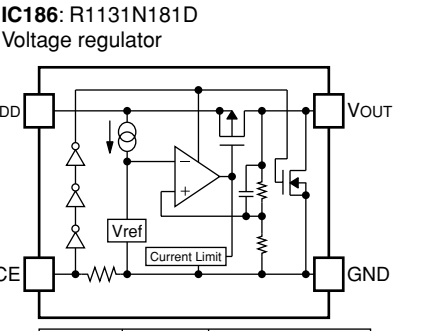
181-199 1801-1999 Video uCom Power Supply



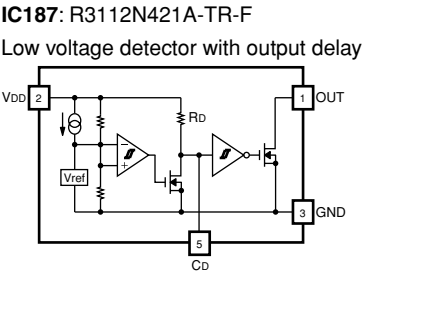
Pin No.	Symbol	Description
1	Vout	Output Pin of Voltage Regulator
2	GND	Ground Pin
3	CE	Chip Enable Pin (active at 'H')
4	NC	No Connection
5	GND	Ground Pin
6	Vin	Input Pin



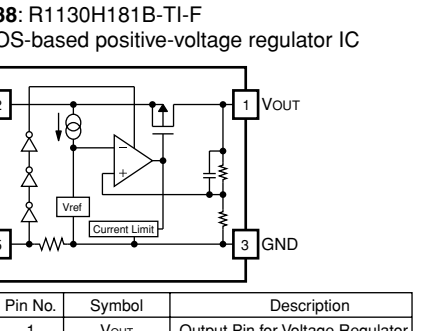
Pin No.	Symbol	Description
1	Vout	Output Pin of Voltage Regulator
2, 5	GND	Ground Pin
3	CE	Chip Enable Pin
4	NC	No Connection
6	Vin	Input Pin



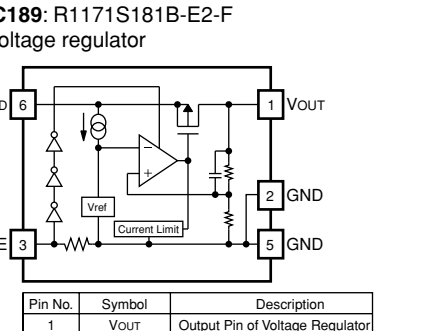
Pin No.	Symbol	Description
1	Vout	Output Pin
2	GND	Ground Pin
3	CE	Chip Enable Pin
4	NC	No Connection
5	Vin	Input Pin



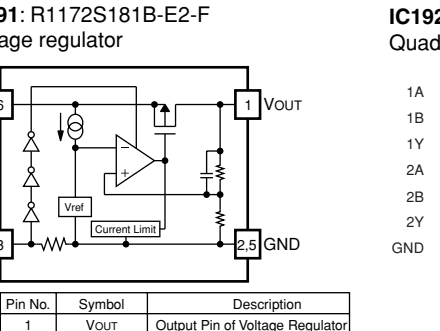
Pin No.	Symbol	Description
1	Vout	Output Pin of Voltage Regulator
2	Vin	Input Pin
3	GND	Ground Pin
4	NC	No Connection
5	GND	Ground Pin
6	CE	Chip Enable Pin (active at 'H')



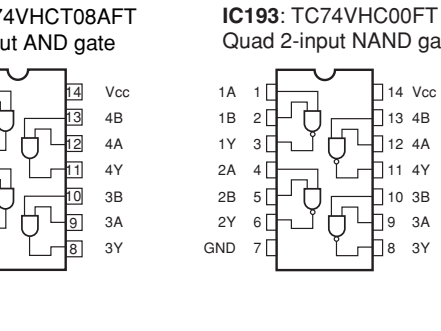
Pin No.	Symbol	Description
1	Vout	Output Pin of Voltage Regulator
2	Vin	Input Pin
3	CE	Chip Enable Pin (active at 'H')
4	NC	No Connection
5	GND	Ground Pin
6	Vin	Input Pin



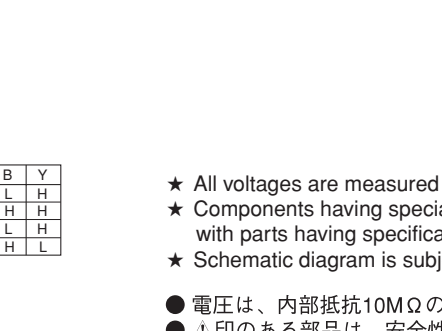
Pin No.	Symbol	Description
1	Vout	Output Pin of Voltage Regulator
2	GND	Ground Pin
3	CE	Chip Enable Pin (active at 'H')
4	NC	No Connection
5	GND	Ground Pin
6	Vin	Input Pin



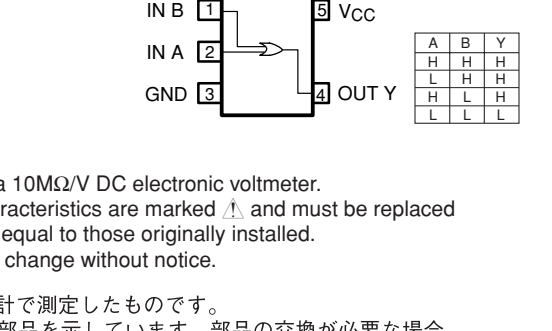
Pin No.	Symbol	Description
1	Vout	Output Pin of Voltage Regulator
2, 5	GND	Ground Pin
3	CE	Chip Enable Pin
4	NC	No Connection
6	Vin	Input Pin



Pin No.	Symbol	Description
1A	1	Vcc
1B	2	4B
1Y	3	4A
2A	4	4Y
2B	5	3B
2Y	6	3A
GND	7	3Y

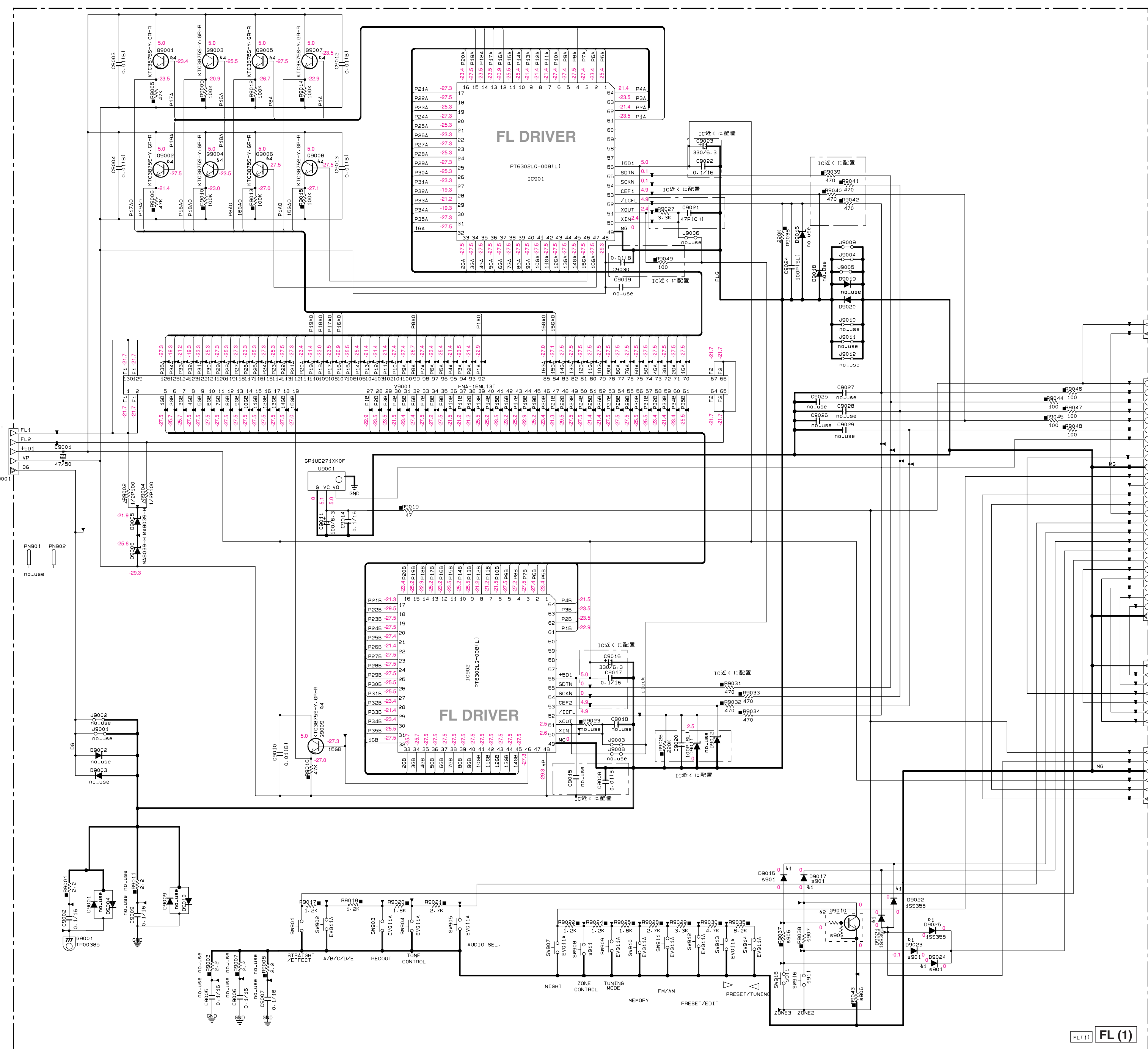


Pin No.	Symbol	Description
1A	1	14 Vcc
1B	2	13 4B
1Y	3	12 4A
2A	4	11 4Y
2B	5	10 3B
2Y	6	9 3A
GND	7	3Y



Pin No.	Symbol	Description
1A	1	Vcc
1B	2	3
GND	3	4
		5
		6
		7
		8
		9
		10
		11
		12
		13
		14
		15
		16
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		32

* All voltages are measured with a 10MΩ/V DC electronic voltmeter.
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 * Schematic diagram is subject to change without notice.
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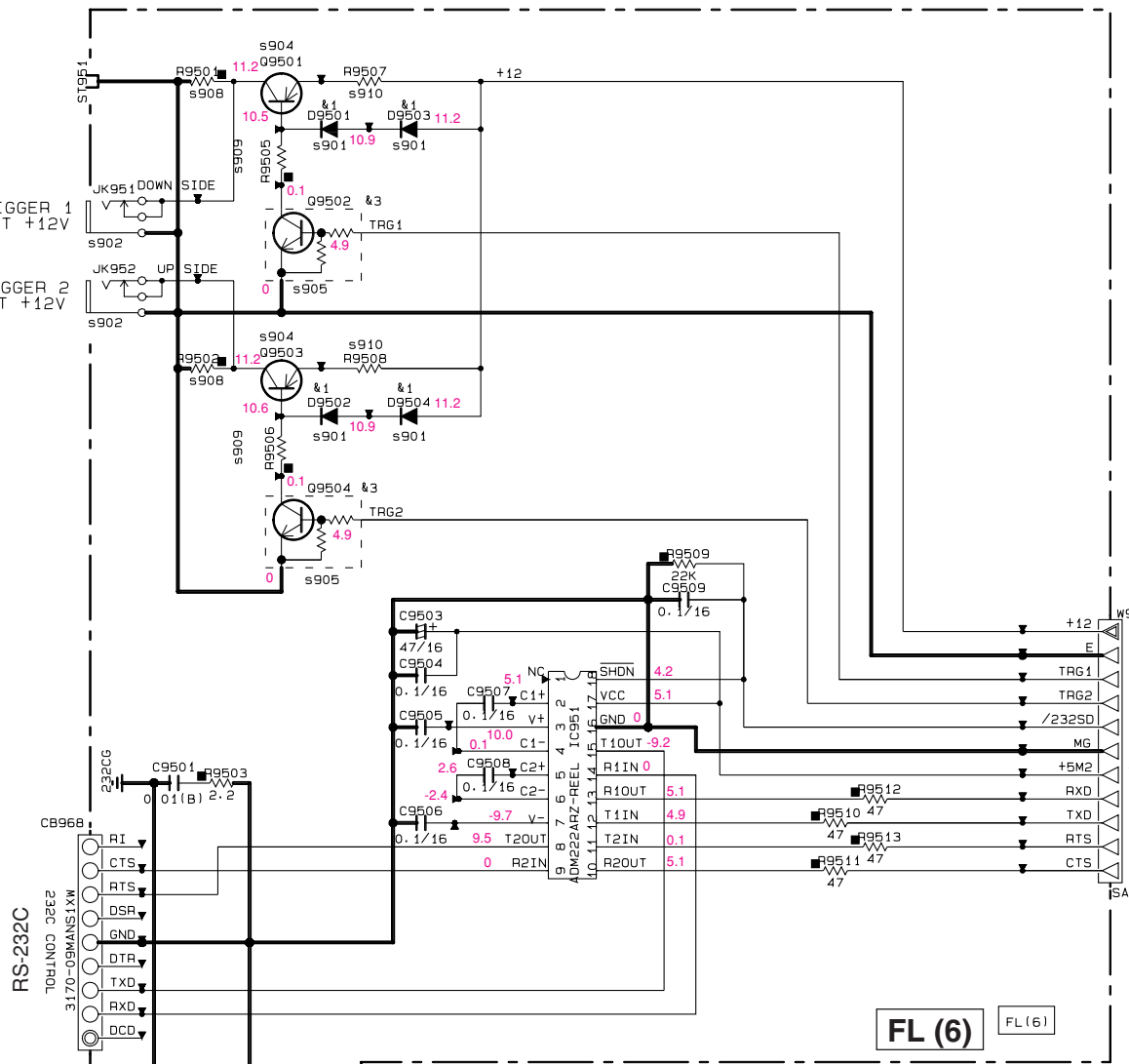


Page 130 [K4] to OPERATION (5)_CB809

Page 141 [K5] to FL (2)_CB970

Page 130 [K3] to OPERATION (4)_CB812

Page 130 [B2] to OPERATION (1)_CB801



Page 126 [C9] to FUNCTION (1)_CB405

Destination	Part List	QTY	U.C. R.	U.C. L.	U.C. D.	U.C. C.
S901	D9015	X				
	D9017					
	D9018					
	D9019					
	D9020					
S902	JK952	X	V843570			
	JK951		MS-325-124PC			
S903	D9010	X	VY65540			
	D9011		DTC114EKA			
S904	D9015	X	VW7390			
	D9011		A170815/11			
S905	D9012	X	VY65570			
	D9013		RD36510			
S906	D9037	X	RD36510			
	R9043		100			
S907	R9038	X	RD36510			
	IK		100K			
S908	R9012	X	RD36510			
	R9010		100K			
S909	R9015	X	RD36510			
	R9016		100K			
S910	R9017	X	HF35427			
	R9018		V47010			
S911	SW916	X	V47010			
	SW915		EVG114			

Mark	Interchangeable Parts Number	Parts Name
41	D9015-9017-9021-9025	155355
42	D9010	DTC114EKA MTC1025-RTK/P
43	D9502-9504	DTC114EKA MTC1025-RTK/P
44	D9001-9009	HTC38765-Y-GR-RTK/P 25C2412K1G/R/S1
45		

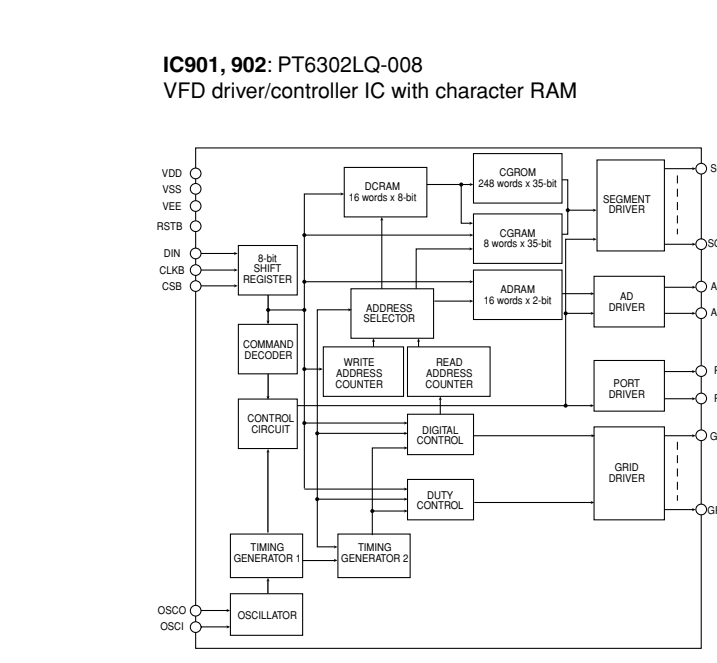
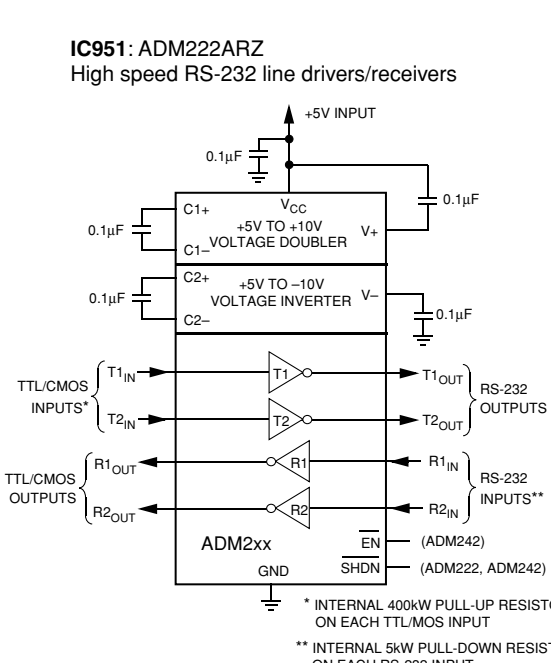
NOTICE (mode1)

(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

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
⊤	FINE PRINT 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
⊠	POLYPHENYLENE SULFIDE FILM CAPACITOR

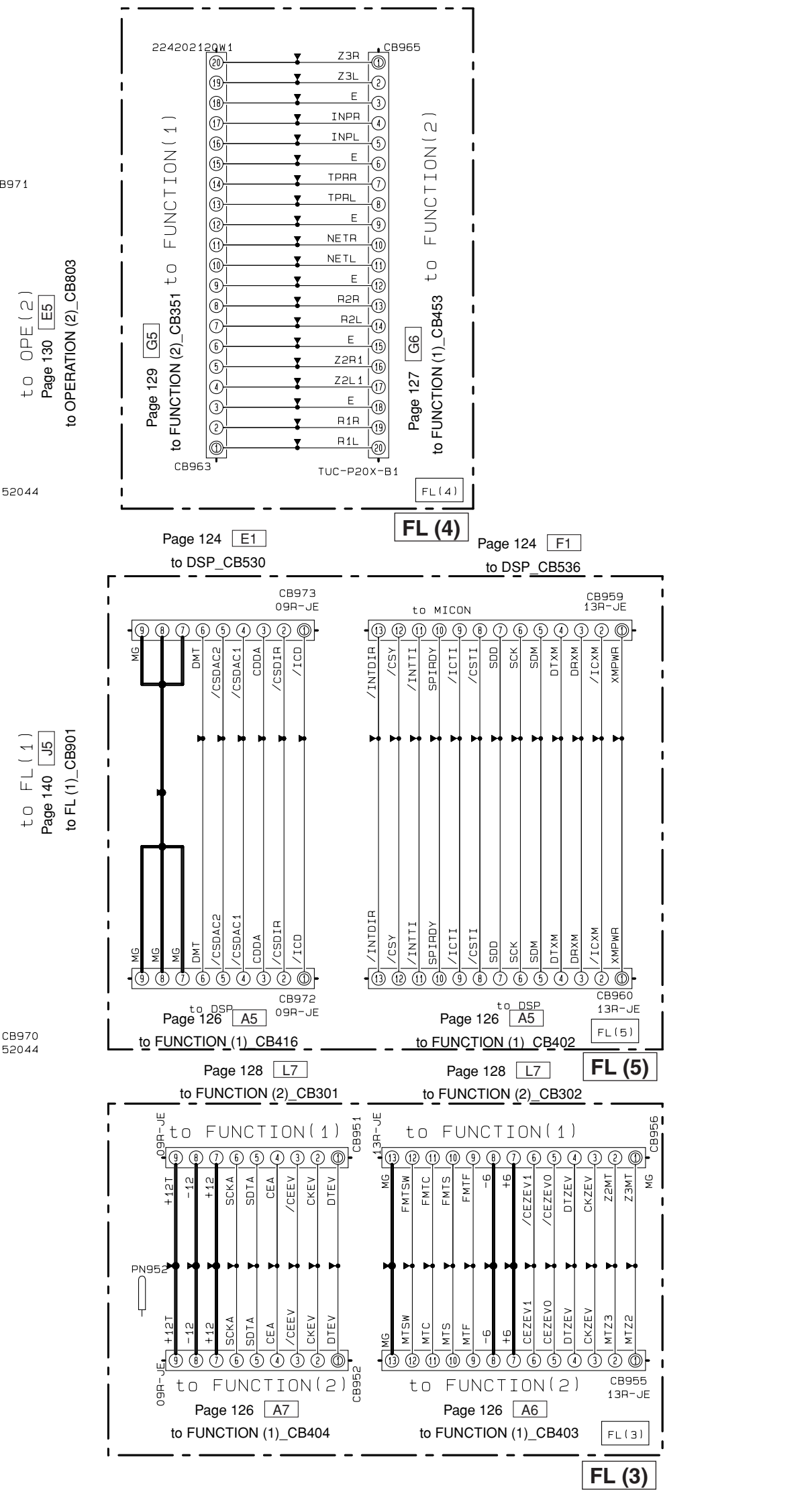
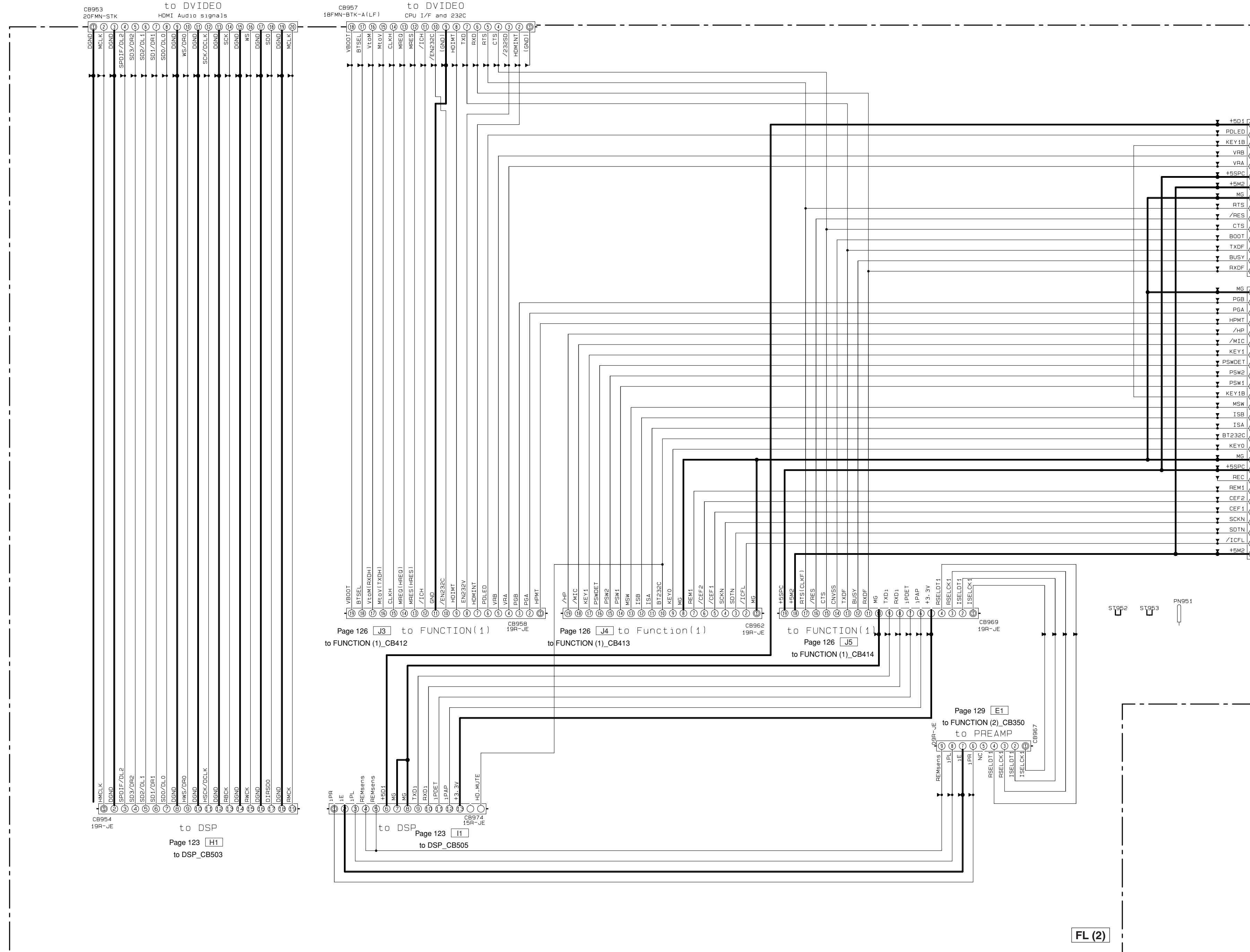
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FL 2/2

Page 135 [D9] to D-VIDEO_CB102

Page 139 [L6] to D-VIDEO_CB186



RESISTOR		CAPACITOR	
REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)	NO MARK	ELECTROLYTIC CAPACITOR
□	CARBON FILM RESISTOR (P=10)	⊗	TANTALUM CAPACITOR
△	METAL OXIDE FILM RESISTOR	○	CERAMIC CAPACITOR
▲	METAL FILM RESISTOR	⊙	CERAMIC TUBULAR CAPACITOR
⊘	METAL FILM RESISTOR	⊕	POLYESTER FILM CAPACITOR
⊚	METAL PLATE RESISTOR	○	POLYSTYRENE FILM CAPACITOR
⊛	FIRE PROOF CARBON FILM RESISTOR	○	NICA CAPACITOR
□	CEMENT MOLDED RESISTOR	⊖	POLYPROPYLENE FILM CAPACITOR
⊚	SEMI VARIABLE RESISTOR	⊕	SEMICONDUCTIVE CERAMIC CAPACITOR
■	CHIP RESISTOR	⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR

NOTICE [mode1]
 (J)..... JAPAN
 (U)..... U. S. A
 (C)..... CANADA
 (R)..... GENERAL
 (T)..... CHINA
 (K)..... KOREA
 (A)..... AUSTRALIA
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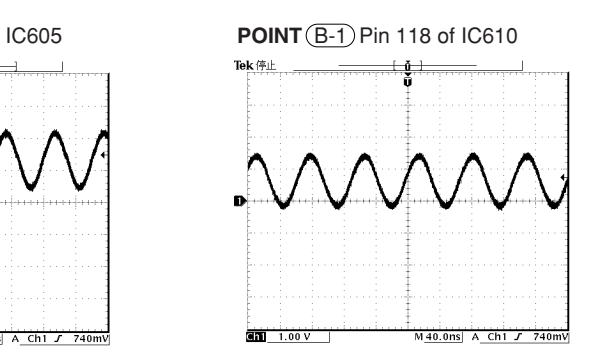
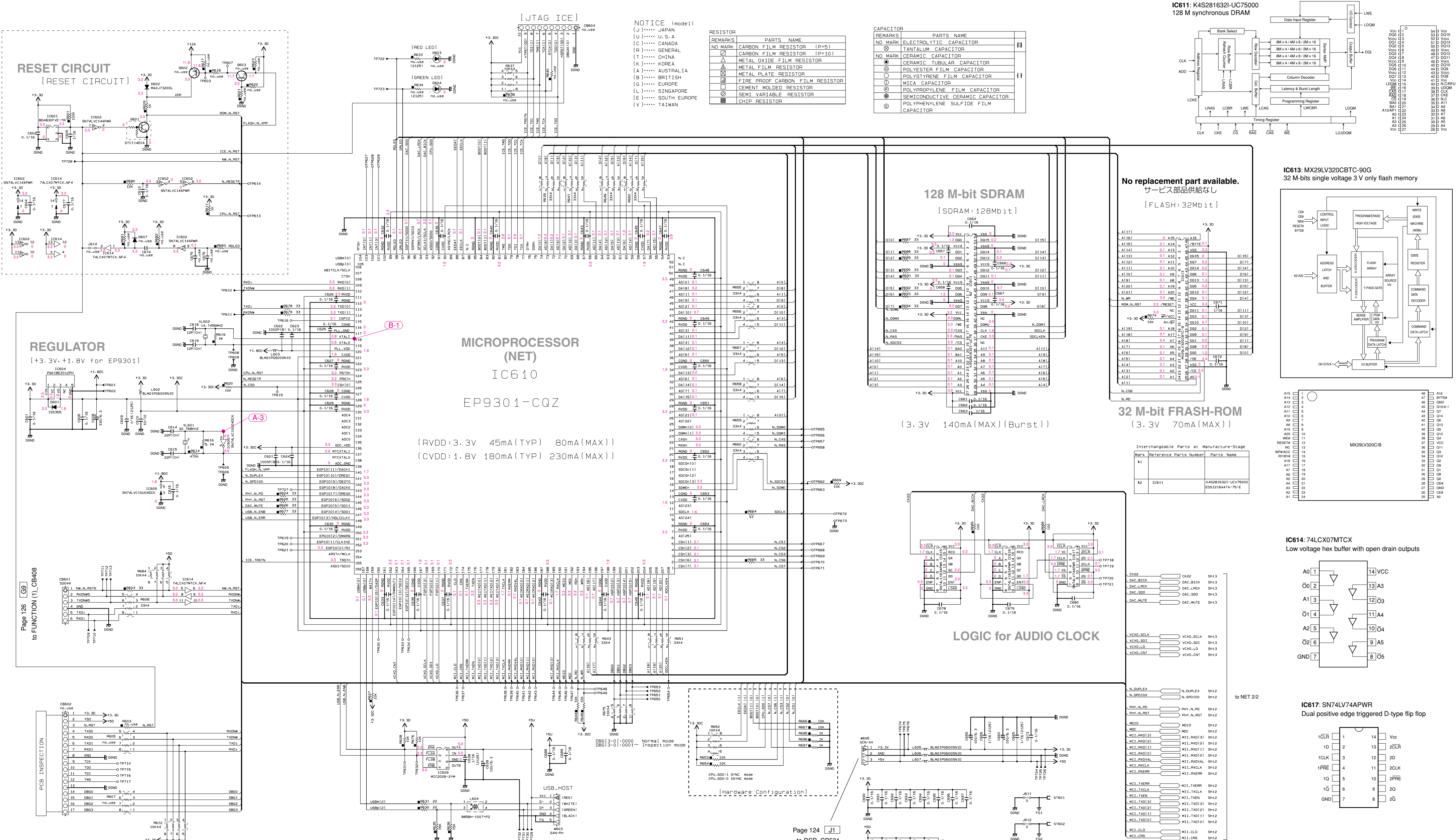
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- ★ Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.
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FL (2)

FL (4)

FL (3)

NET 1/2



- ★ All voltages are measured with a 10M Ω /V DC electronic voltmeter.
- ★ Components having special characteristics are marked with a triangle 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10M Ω の電圧計で測定したものです。
- 1印のある部品は、安全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ございます。

