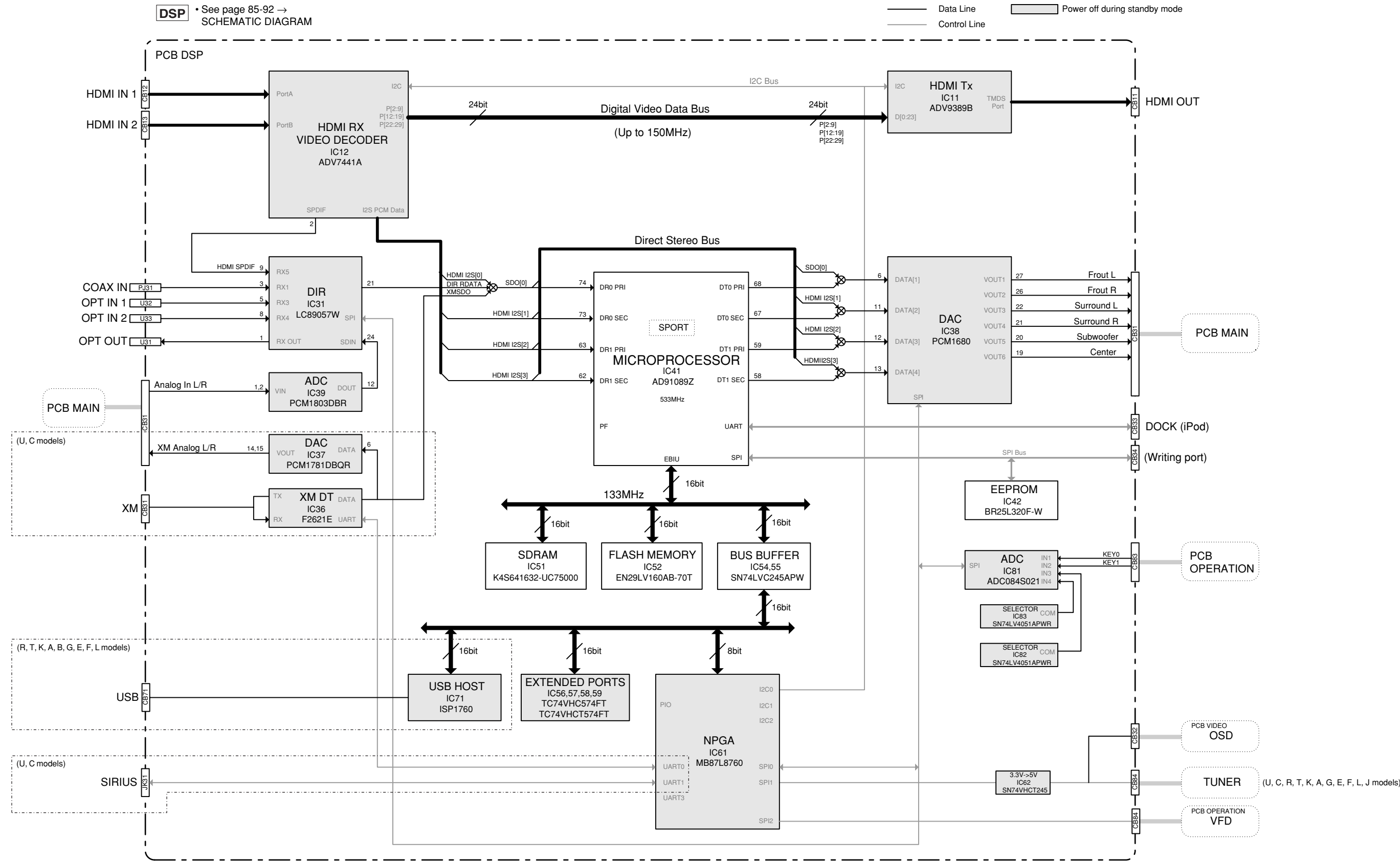
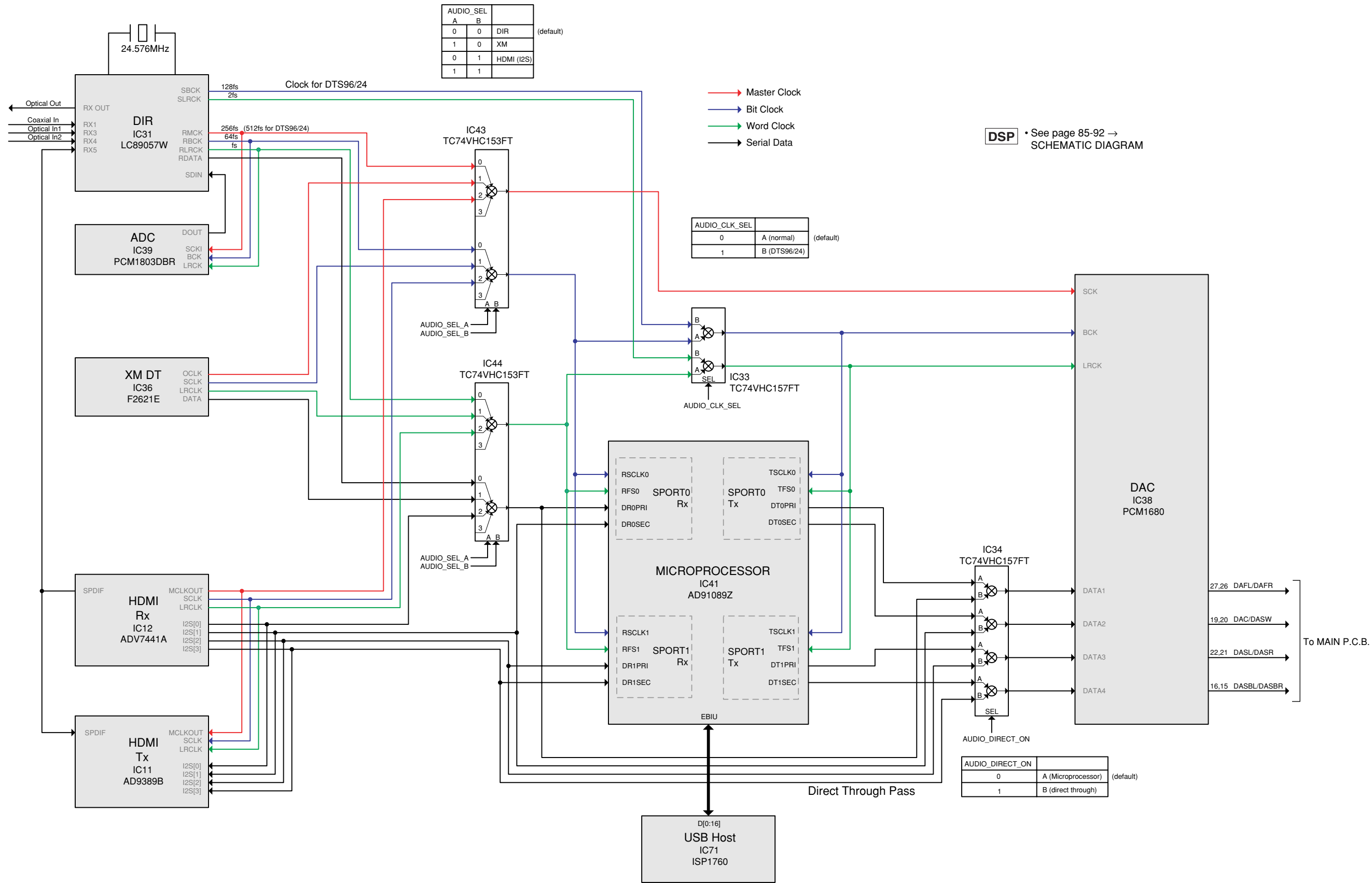


BLOCK DIAGRAMS

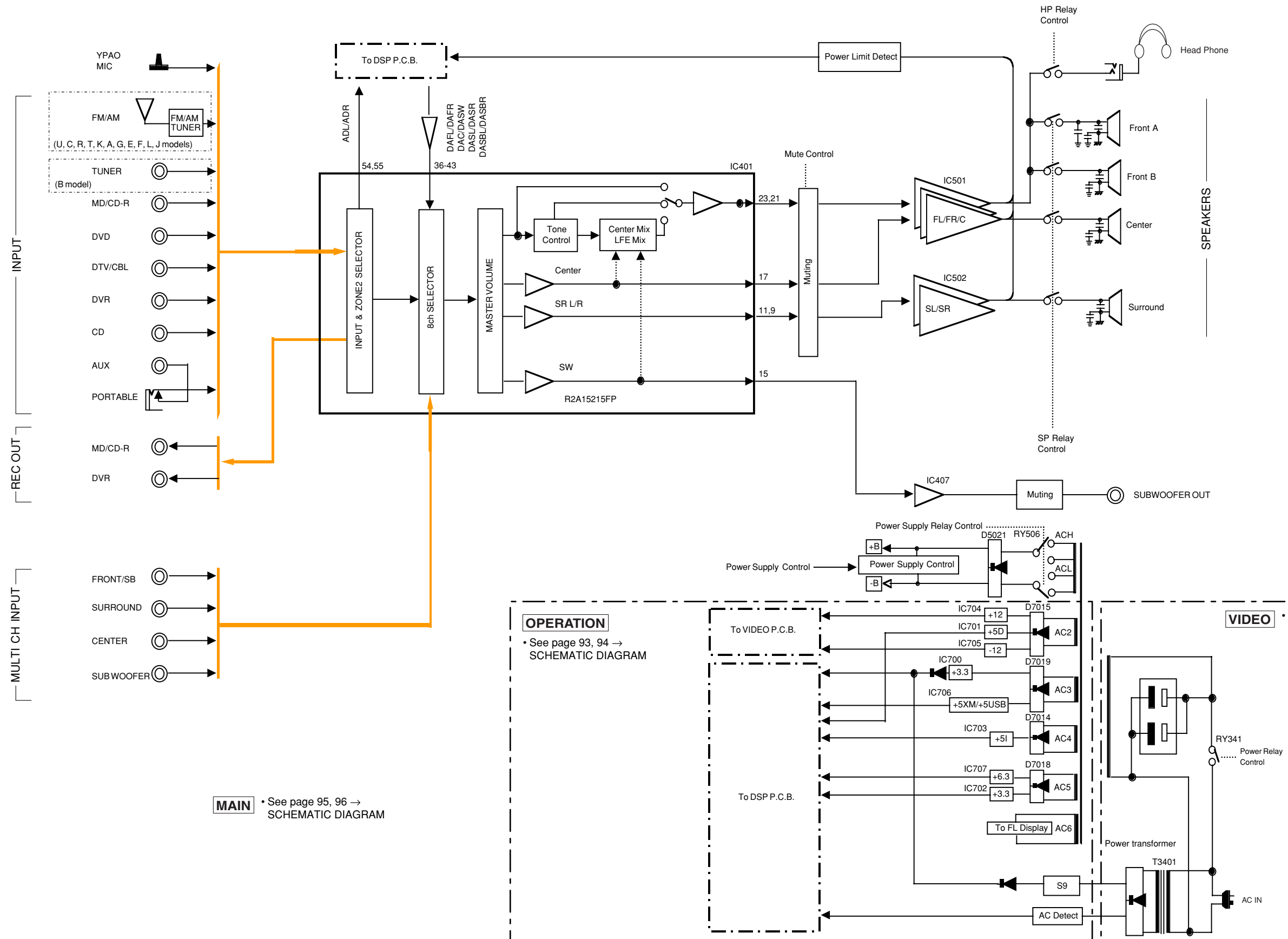
AUDIO (DIGITAL) SECTION BLOCK DIAGRAM



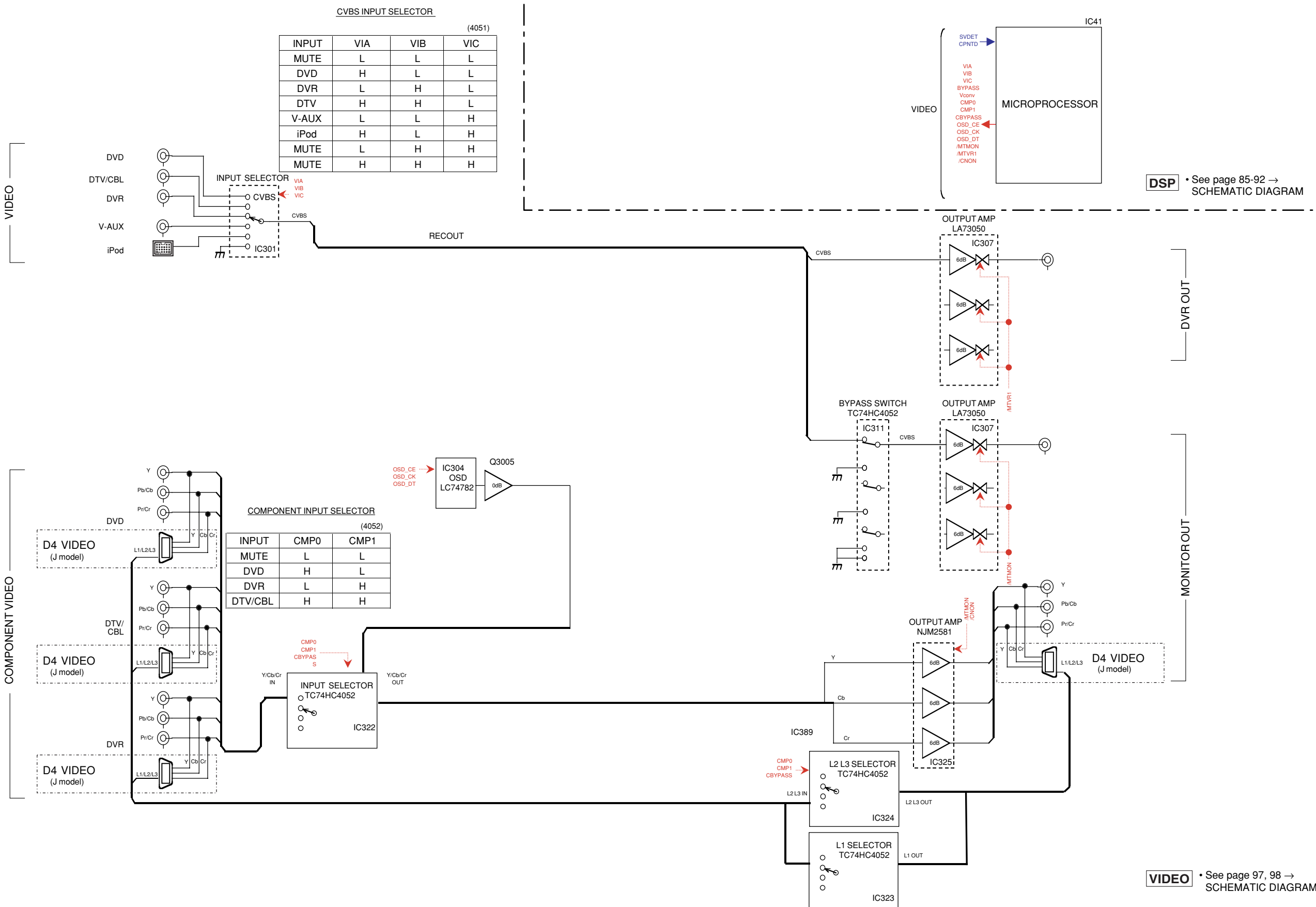
DSP CONTROL SECTION BLOCK DIAGRAM



AUDIO (ANALOG) / POWER SUPPLY SECTION BLOCK DIAGRAM



VIDEO SECTION BLOCK DIAGRAM

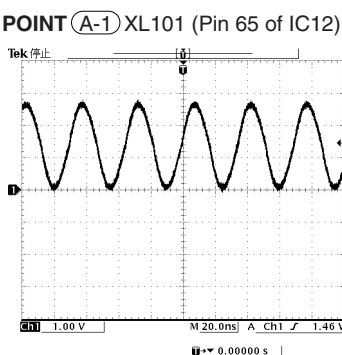


DSP • See page 85-92 → SCHEMATIC DIAGRAM

VIDEO • See page 97, 98 → SCHEMATIC DIAGRAM

[illegible][illegible]

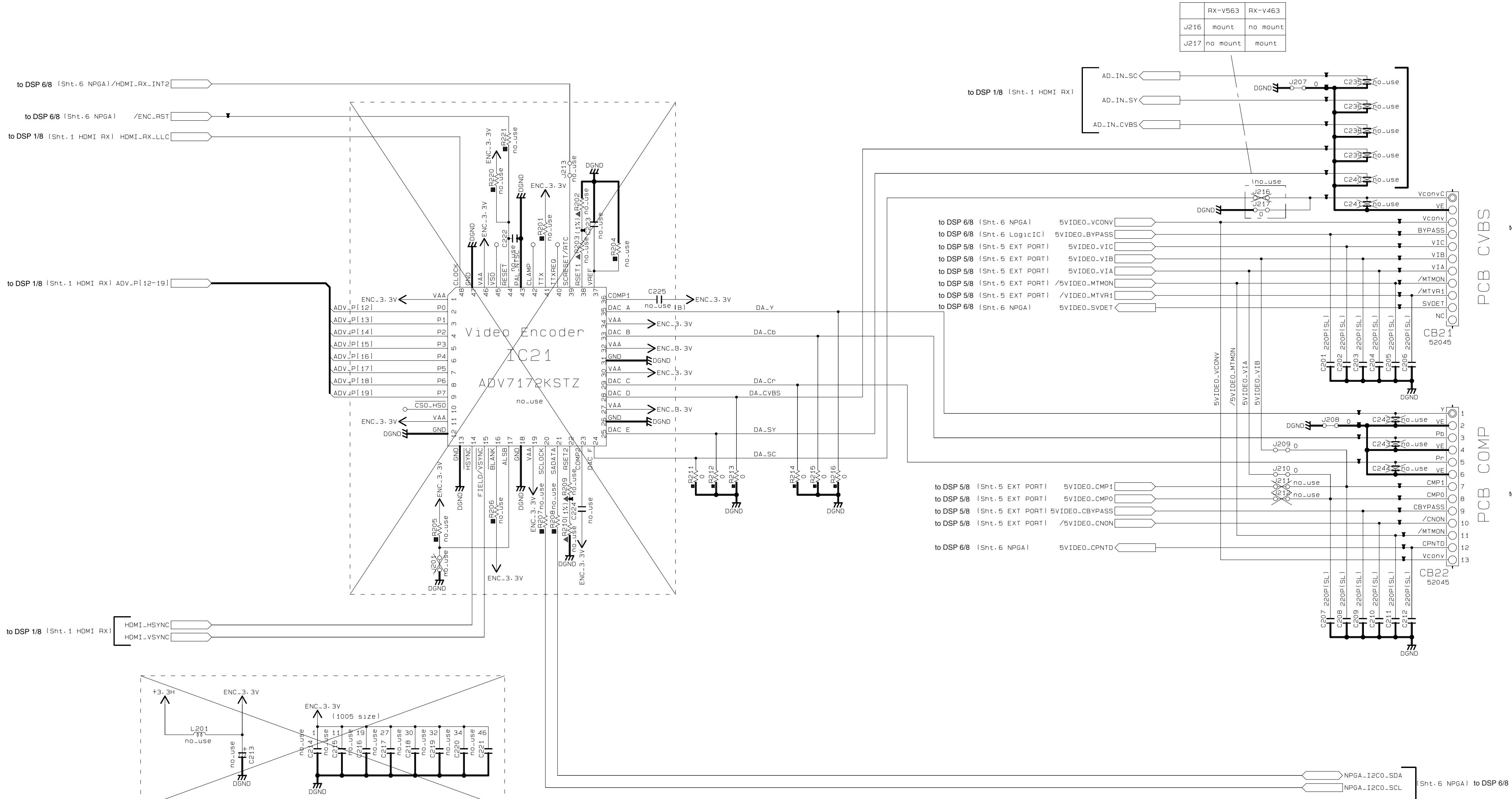
- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 上印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。



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	NO MARK	CERAMIC CAPACITOR
△	METAL FILM RESISTOR	△	CERAMIC TUBULAR CAPACITOR
△	METAL PLATE RESISTOR	○	POLYESTER FILM CAPACITOR
□	FIRE PROOF CARBON FILM RESISTOR	○	POLYSTYRENE FILM CAPACITOR
■	CEMENT MOLDED RESISTOR	△	MICA CAPACITOR
■	SEMI VARIABLE RESISTOR	○	POLYPROPYLENE FILM CAPACITOR
■	CHIP RESISTOR	●	SEMICONDUCTIVE CERAMIC CAPACITOR

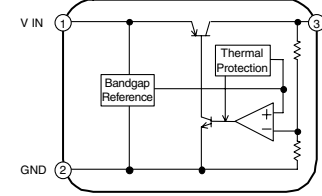
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NOTICE (model)
(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
```

DSP 2/8



Interchangeable Parts at Manufacture-Stage		
Mark	Reference Parts Number	Parts Name
42	D201	1SS355 MA2J1110GL

IC22: NJM2845DL1-18
Low dropout voltage regulator



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	

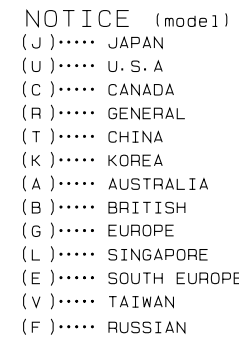
REMARKS	PARTS	NAME
NO MARK	ELECTROLYTIC CAPACITOR	
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	
⊙	CERAMIC TUBULAR CAPACITOR	
⊙	POLYESTER FILM CAPACITOR	
⊙	POLYSTYRENE FILM CAPACITOR	
⊙	MICA CAPACITOR	
⊙	POLYPROPYLENE FILM CAPACITOR	
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR	

NOTICE (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
(F)..... RUSSIAN

★ All voltages are measured with a 10MQ/V DC electronic voltmeter.
★ Components having special characteristics are marked 1, 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。
● 1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。

to DSP 3/8



- 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。



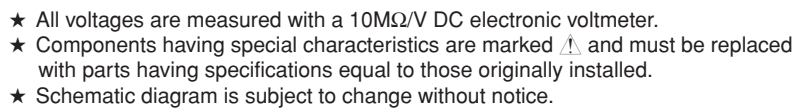
RESISTOR		
REMARKS	PARTS	NAME
NO MARK	CARBON FILM RESISTOR	(P=5)
	CARBON FILM RESISTOR	(P=10)
	METAL OXIDE FILM RESISTOR	
	METAL FILM RESISTOR	
	METAL PLATE RESISTOR	
	FIRE PROOF CARBON FILM RESISTOR	
	CEMENT MOLDED RESISTOR	
	SEMI VARIABLE RESISTOR	
	CHIP RESISTOR	

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	
⊖	MICA CAPACITOR	
⊙	POLYPROPYLENE FILM CAPACITOR	
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR	

[illegible][illegible]

The circuit diagram shows a 3-bit ripple-carry adder. It consists of a 74181 ALU and a 74180 majority gate. The ALU has inputs A, B, and C, and a carry input. The majority gate has inputs A, B, and C, and a carry input. The ALU output Q is connected to the majority gate. The majority gate output is connected to the ALU carry input. The ALU carry output is connected to the majority gate carry input. The ALU carry output is connected to the majority gate carry input. The ALU carry output is connected to the majority gate carry input.

- 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 7/8

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

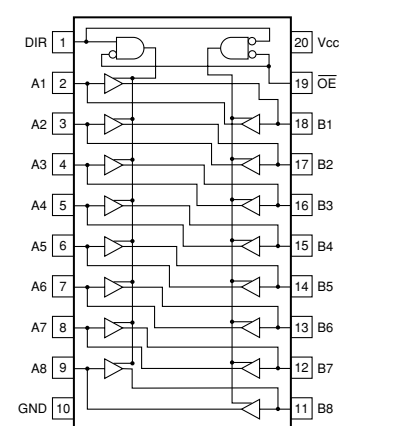
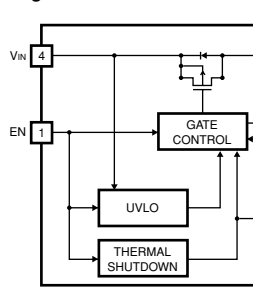
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
●	CERAMIC TUBULAR CAPACITOR
⊙	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
①	MICA CAPACITOR
⊖	POLYPROPYLENE FILM CAPACITOR
●	SEMICONDUCTIVE CERAMIC CAPACITOR

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

Destination Part List

sxx	LOC	J	UC	R	TA	K	B	GEF	L
s701	C713 C711 C712 C719 C710 C709 C708 C707 C702 C717 C703 C705 C706 C704 C715	X	X	US13510 0.1/16	US13510 0.1/16	US13510 0.1/16	US13510 0.1/16	US13510 0.1/16	US13510 0.1/16
s702	C714 C716	X	X	WD75830 10/10	WD75830 10/10	WD75830 10/10	WD75830 10/10	WD75830 10/10	WD75830 10/10
s703	C721	X	X	US06222 200P(SL)	US06222 200P(SL)	US06222 200P(SL)	US06222 200P(SL)	US06222 200P(SL)	US06222 200P(SL)
s704	C726 C723	X	X	US03510 0.1/16	US03510 0.1/16	US03510 0.1/16	US03510 0.1/16	US03510 0.1/16	US03510 0.1/16
s705	C731 C724 C728 C730	X	X	US06410 0.01(B)	US06410 0.01(B)	US06410 0.01(B)	US06410 0.01(B)	US06410 0.01(B)	US06410 0.01(B)
s706	C727	X	X	US06120 20P(CH)	US06120 20P(CH)	US06120 20P(CH)	US06120 20P(CH)	US06120 20P(CH)	US06120 20P(CH)
s707	C729	X	X	URB3810 100/16	URB3810 100/16	URB3810 100/16	URB3810 100/16	URB3810 100/16	URB3810 100/16
s708	CB71	X	X	VB85850 PHL	VB85850 PHL	VB85850 PHL	VB85850 PHL	VB85850 PHL	VB85850 PHL
s709	IC71	X	X	XB288A0 ISP1760BE	XB288A0 ISP1760BE	XB288A0 ISP1760BE	XB288A0 ISP1760BE	XB288A0 ISP1760BE	XB288A0 ISP1760BE
s710	IC72	X	X	XZ287A0 SN74LVC245APWR	XZ287A0 SN74LVC245APWR	XZ287A0 SN74LVC245APWR	XZ287A0 SN74LVC245APWR	XZ287A0 SN74LVC245APWR	XZ287A0 SN74LVC245APWR
s711	IC73	X	X	XB096A0 R5523N0014-TR-F	XB096A0 R5523N0014-TR-F	XB096A0 R5523N0014-TR-F	XB096A0 R5523N0014-TR-F	XB096A0 R5523N0014-TR-F	XB096A0 R5523N0014-TR-F
s712	J701	X	X	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0	RD35000 0
s713	L701 L705 L703 L704	X	X	PZ2012U600-3R0T	PZ2012U600-3R0T	PZ2012U600-3R0T	PZ2012U600-3R0T	PZ2012U600-3R0T	PZ2012U600-3R0T
s714	L702	X	X	DLW21HN900S02L	DLW21HN900S02L	DLW21HN900S02L	DLW21HN900S02L	DLW21HN900S02L	DLW21HN900S02L
s715	R702 R701	X	X	WH20580 33X4	WH20580 33X4	WH20580 33X4	WH20580 33X4	WH20580 33X4	WH20580 33X4
s716	R729 R719 R707 R718 R720 R705 R709 R708 R710 R723 R706 R730 R728 R731 R732 R703 R704	X	X	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K	RD35710 10K
s717	R717 R711	X	X	RD35647 4.7K	RD35647 4.7K	RD35647 4.7K	RD35647 4.7K	RD35647 4.7K	RD35647 4.7K
s718	R712 R714 R715 R713	X	X	WH21180 10KX4	WH21180 10KX4	WH21180 10KX4	WH21180 10KX4	WH21180 10KX4	WH21180 10KX4
s719	R722	X	X	RD35647 470	RD35647 470	RD35647 470	RD35647 470	RD35647 470	RD35647 470
s720	R725 R727 R726	X	X	RF45712 12K	RF45712 12K	RF45712 12K	RF45712 12K	RF45712 12K	RF45712 12K
s721	R733 R734	X	X	RF45715 15K	RF45715 15K	RF45715 15K	RF45715 15K	RF45715 15K	RF45715 15K
s722	XL701	X	X	V529490 12MHz	V529490 12MHz	V529490 12MHz	V529490 12MHz	V529490 12MHz	V529490 12MHz
s723	C726	X	X	US06112 12P	US06112 12P	US06112 12P	US06112 12P	US06112 12P	US06112 12P
s724	R716	X	X	RD35510 100	RD35510 100	RD35510 100	RD35510 100	RD35510 100	RD35510 100

IC72: SN74LVC245APWR
Octal bus transceivers with 3-state outputsIC73: R5523N0014-TR-F
High side switch IC

USB HOST

IC71

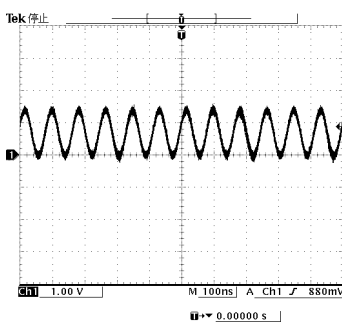
ISP1760BE

s709

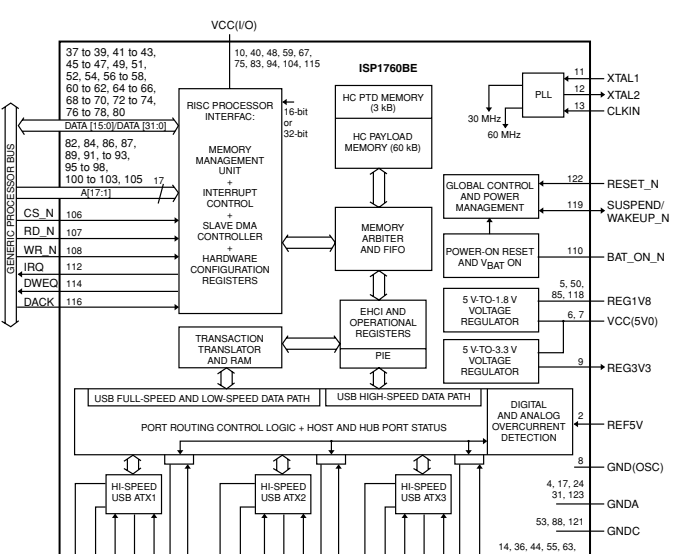
No replacement part available.

サービス部品供給なし

POINT (B-1) XL701 (Pin 11 of IC71)

USB Connector
(Side Entry)

Page 93 [L4]

to OPERATION (6), W6006
(R, T, K, A, B, G, E, F, L models)IC71: ISP1760BE
Embedded hi-speed USB host controller

- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ Components having special characteristics are marked 1, 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。
- 1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。

CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	F
⊗	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	

PN601

CPE 19

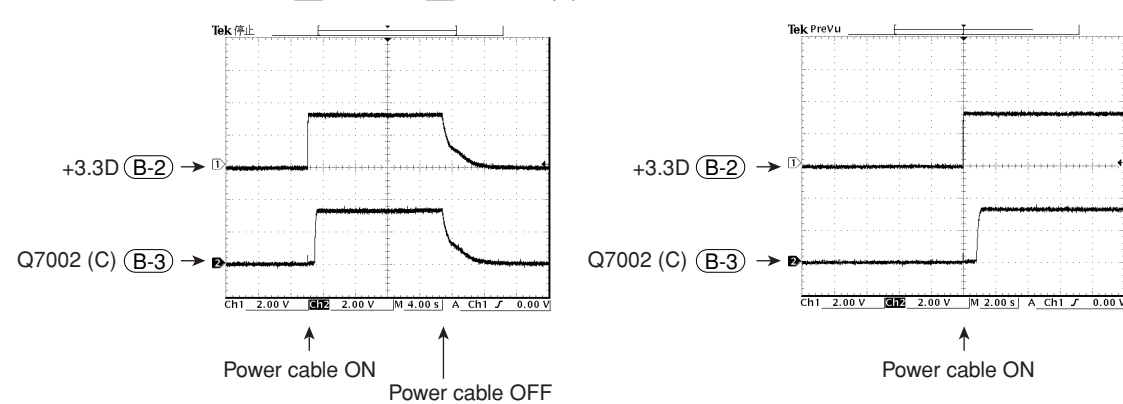
[illegible]Page 95 14
to MAIN_W50193

OPERATION 2/2

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
κ700	Q7000-7002	DTC114EKA KRC104S-RTK/P
κ701	D7005-7006-7010-7016 7017	1SS355 MA2J1110GL
κ702	D7014-7015	KBP103G RS103
κ703	D7018-7019	RS403M-B-C-J80 TS4B03G-07
κ704	Q7001	2SC2412K (Q/R/S) KTC3875S-Y, GR-RTK/P 2SD6014RL/AQL1Q/R/S

POINT (B-2) / +3.3D (B-3) / Q7002 (C)



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)

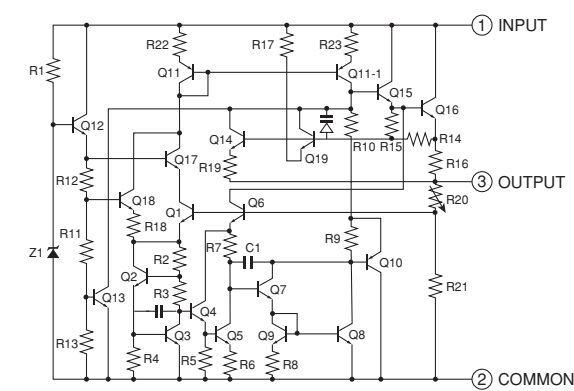
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(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN

CAPACITOR

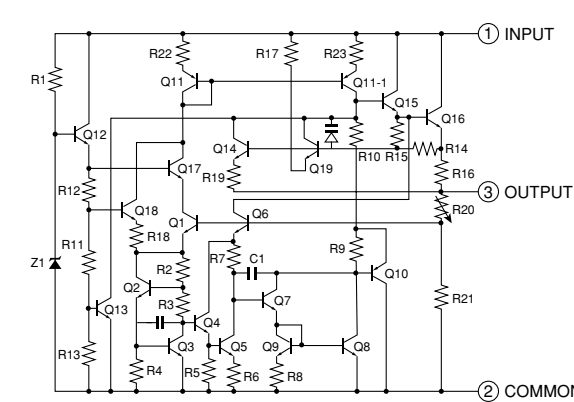
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
●	CERAMIC TUBULAR CAPACITOR
⊙	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
⊖	MICA CAPACITOR
⊕	POLYPROPYLENE FILM CAPACITOR
●	SEMICONDUCTIVE CERAMIC CAPACITOR

sxx	LOC	J	UC	RTKAGEFL	B
s600	SW618 SW603 SW620 SW619 SW601 SW623 SW624	WD48310 SKRGAAD010	WD48310 SKRGAAD010	WD48310 SKRGAAD010	X
s609	W6006	X	X	WN02170	WN02170
s612	J6006 J6007	X	X	RD35000	RD35000
s613	C6047	X	X	US06210 100P (SL)	US06210 100P (SL)
s614	ST602	X	X	WA78970	WA78970
s615	CB607	X	X	WG66B10 UBA-4R-D14T-4D	WG66B10 UBA-4R-D14T-4D
s616	W6008	X	X	WJ62450 SAN-PH	WJ62450 SAN-PH
s617	D6024 D6025 D6026 D6027	X	X	VT33290 1SS355	VT33290 1SS355
s618	CG049	X	X	US13510 0.1/16	US13510 0.1/16
s619	G6003	X	X	VR46340 TP00385	VR46340 TP00385
s620	CG051	X	X	US06222 220P (SL)	US06222 220P (SL)
s621	R6087 R6088	X	X	RD35847 470K	RD35847 470K
s622	R6090 R6089	X	X	RD35547 470	RD35547 470
s623	R6091	X	X	RD35475 75	RD35475 75
s624	PJ602	X	X	MSP-303H-BBB-11	MSP-303H-BBB-11
s625	W6007	WJ62450 SAN-PH	WJ62450 SAN-PH	X	X
s626	D6022 D6023 D6020 D6021	VT33290 1SS355	VT33290 1SS355	X	X
s627	CG042 CG043 CG060	US13510 0.1/16	US13510 0.1/16	X	X
s628	G6002	VR46340 TP00385	VR46340 TP00385	X	X
s629	CG045 CG044	US06368 6800P (B)	US06368 6800P (B)	X	X
s630	R6083 R6082	RD35847 470K	RD35847 470K	X	X
s631	R6084 R6085	RD35547 470	RD35547 470	X	X
s632	R6086	RD35475 75	RD35475 75	X	X
s633	PJ601	MSP-303H-BBB-11	MSP-303H-BBB-11	X	X
s634	JK603	MSJ-035-05A	MSJ-035-05A	X	X
s636	CG064	X	X	US12610 1/10	US12610 1/10
s638	J6001	VN50000 0	VN50000 0	VN50000 0	X
s639	R6078	RD35000 0	RD35000 0	RD35000 0	X
s642	R6060 R6061	RD35633 3.3K	RD35633 3.3K	RD35633 3.3K	X
s643	R6065 R6066	RD35647 4.7K	RD35647 4.7K	RD35647 4.7K	X
s644	R6070 R6069	RD35668 6.8K	RD35668 6.8K	RD35668 6.8K	X
s645	R6076 R6075	RD35710 10K	RD35710 10K	RD35710 10K	X
s700	C7027	UR73A10 10000/16	WG60200 15000/16	WG60200 15000/16	WG60200 15000/16
s701	C7026	X	UR03947 4700/16	UR03947 4700/16	UR03947 4700/16
s702	IC706	X	X6143A0 NJM238BF05	X6143A0 NJM238BF05	X6143A0 NJM238BF05
s703	R7017	X	RD35610 1K	X	X
s704	D7012	X	V237650 RB500V-40	X	X
s705	J7010 J7001	X	X	VN50000	VN50000

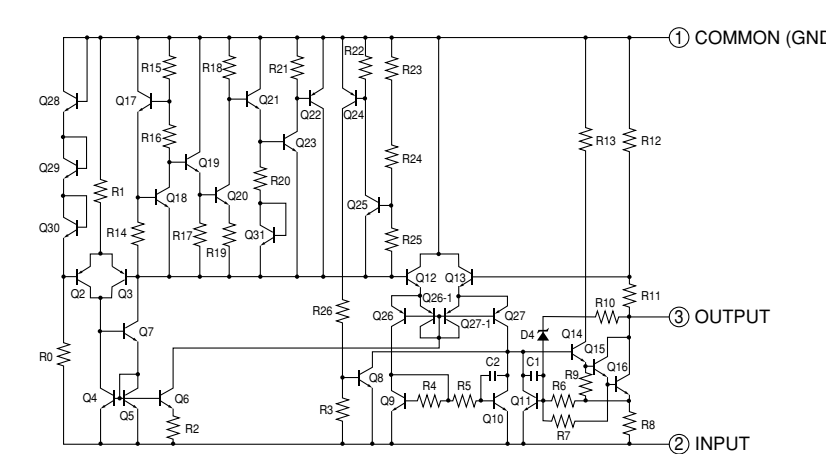
IC701, 703: KIA7805API
Voltage regulator



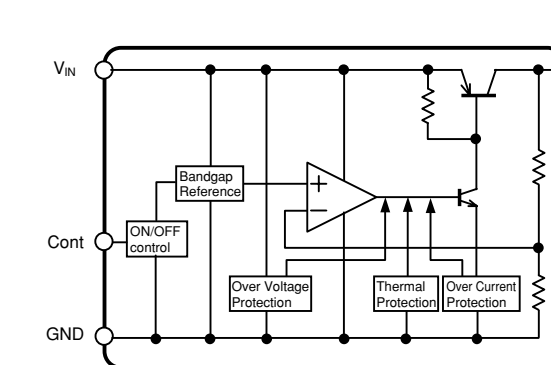
IC704: KIA7812API
Voltage regulator



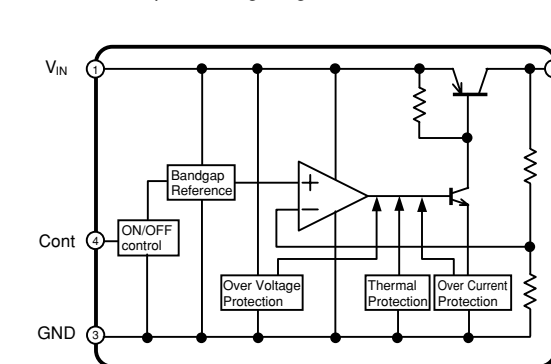
IC705: KIA7912PI
Voltage regulator



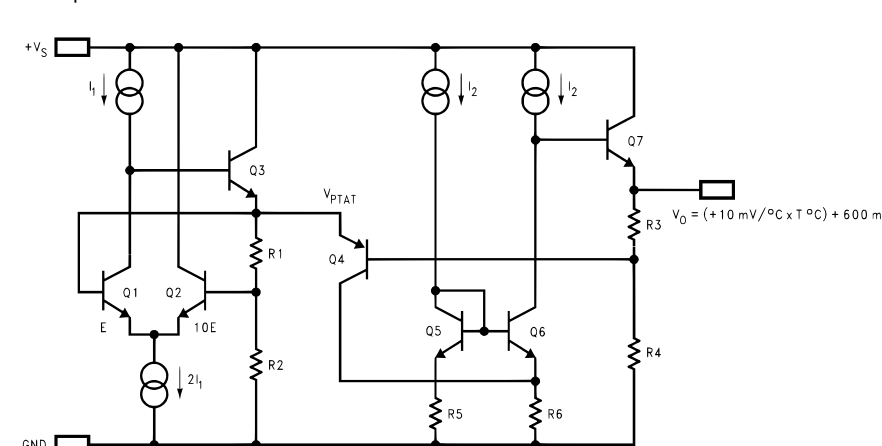
IC706: NJM2388F05
Low dropout voltage regulator with ON/OFF control



IC707: NJM2388F63
Low dropout voltage regulator with ON/OFF control



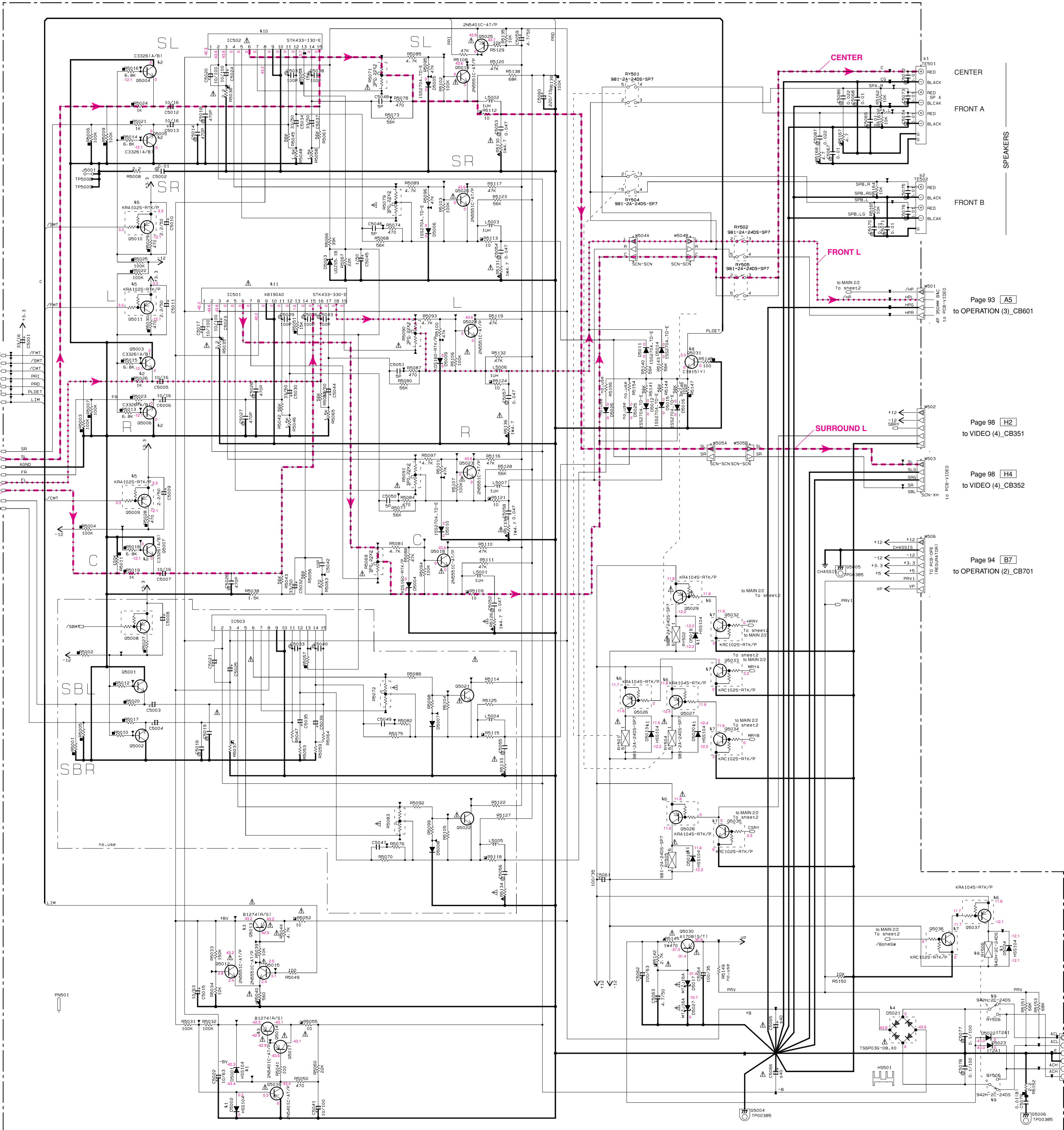
IC708: LM61CI2
Temperature sensor



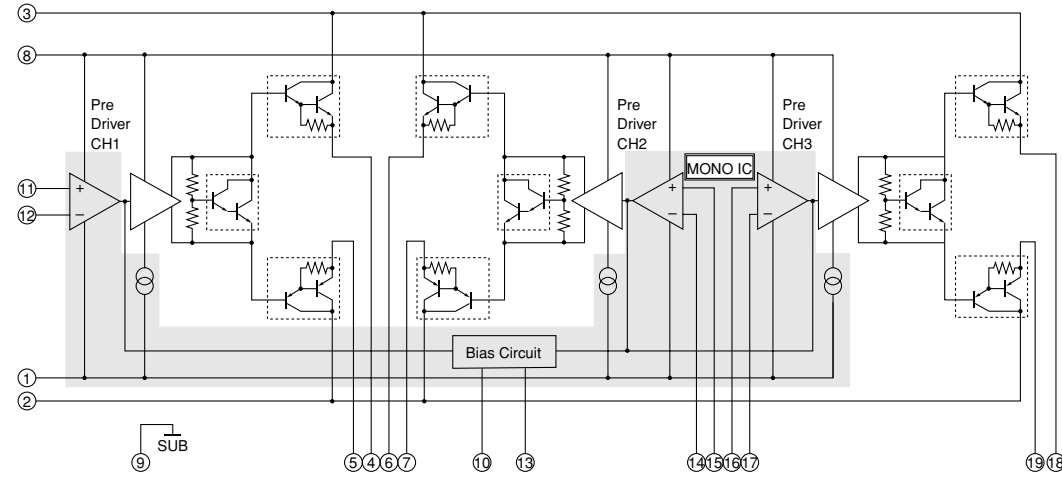
★ All voltages are measured with a 10MQ/V DC electronic voltmeter.
● Components having special characteristics are marked △, and must be replaced with parts having specifications equal to those originally installed.
★ Schematic diagram is subject to change without notice.

● 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。

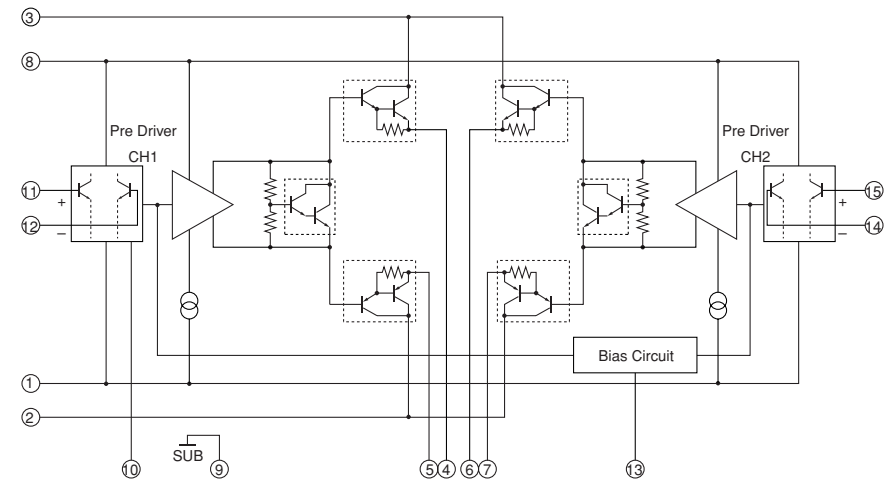
MAIN 1/2



IC501: STK433-330-E
3-channel AF power amplifier, stand-by circuit built-in



IC502: STK433-130-E
2-channel AF power amplifier, stand-by circuit built-in



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to OPERATION (3)_CB601

Page 98 H2
to VIDEO (4)_CB351

Page 98 H4
to VIDEO (4)_CB352

Page 94 B7
to OPERATION (2)_CB701

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

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

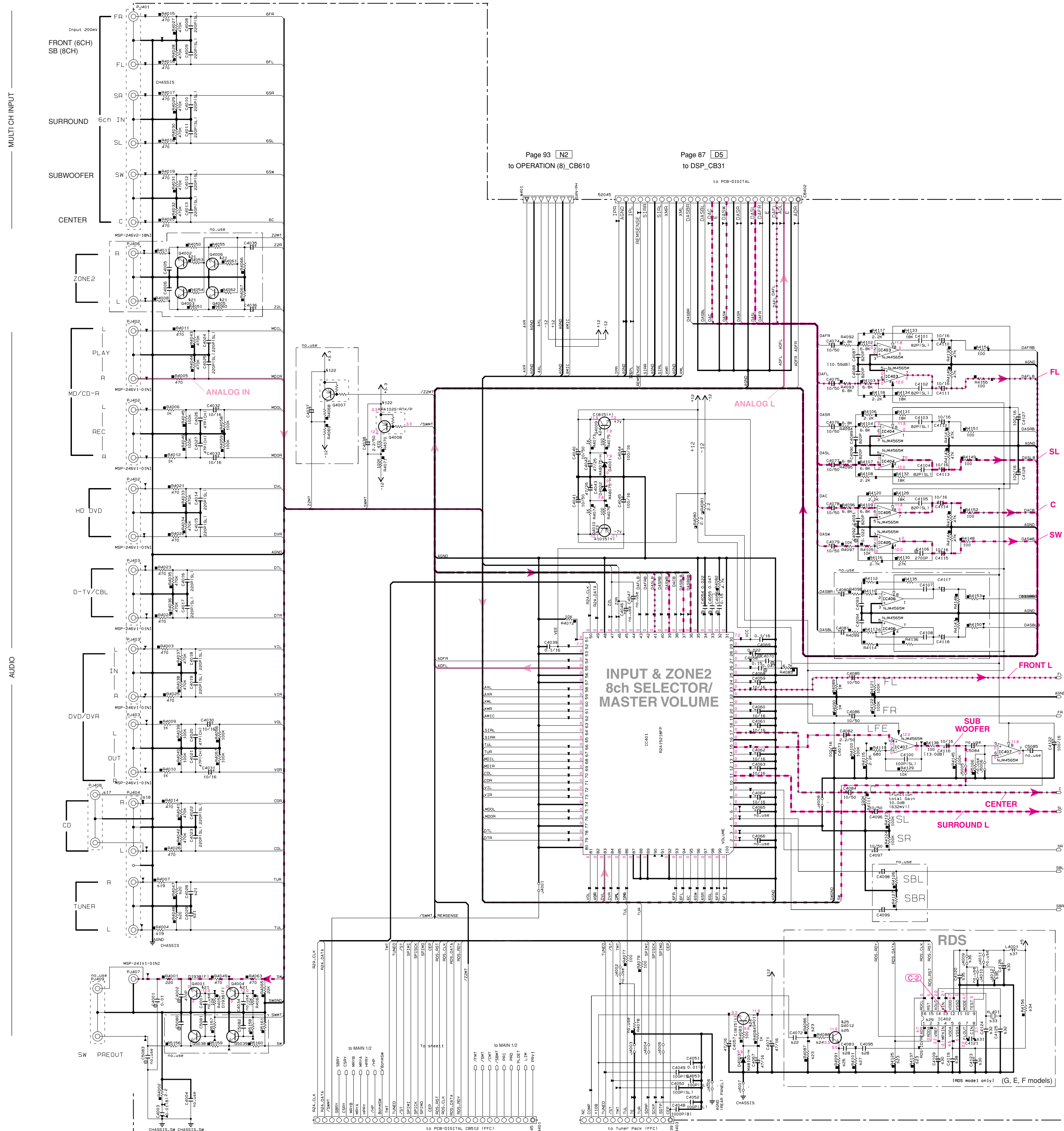
Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
41	05001-5002-5013 5018-5020-5024	H55104 155133 155176
42	05003-5007	25C3326(A/B) 25C3326(B) 25C5938(A/B) 25D1938(F15/1 25D2704K
43	05013-5014	25B1274(H/S) 25B1555(E/F1 K1A1046-Y-U/P
44	05021	TS6P30-08-X0 RS603W-B-C-J80
45	05009-5011	KRA1025-RTK/P DTA114EKA
46	05026-5029-5037	KRA1045-RTK/P DTA144EKA
47	05032-5036	KRC1025-RTK/P DTC114EKA
48	05031	25C18101(Y) K1C3196 Y-Y1
49	RY506	942H-2C-2405 DH2402-0-G
410	IC502	STK-433-130-E (X7427A0) STK-433-130-E (X7427B0) STK-433-330-E (X8190A0) STK-433-330-E (X8190B0)
411	IC501	

- ★ 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.

- 電圧は、内部抵抗10M Ω 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ございます。

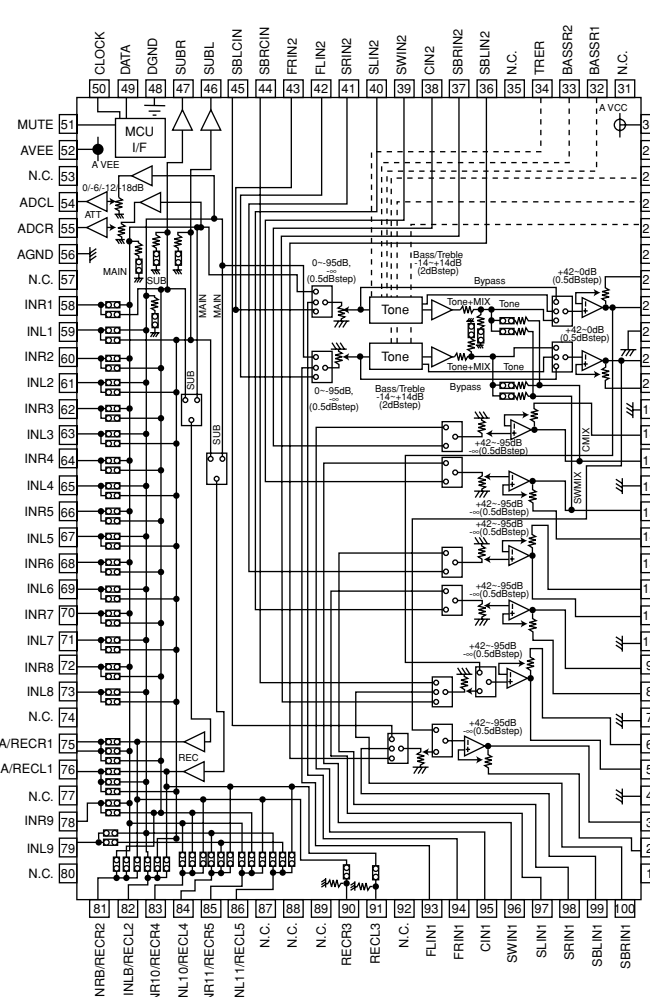
MAIN 2/2



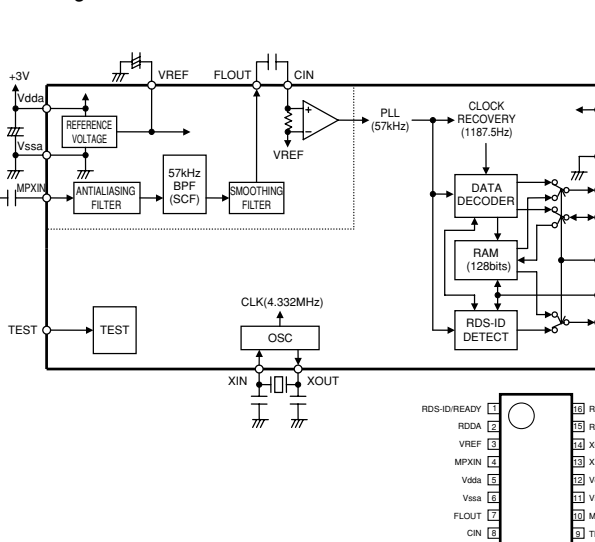
Mark	Reference Parts Number	Parts Name
421	Q4001-4004	28019381/F 25C5938A1A/B1 25D0704K
422	Q4008	KR4102S-RTX/P DT4114EK4
423	Q4010	25A101S1/V1 KT4108 YAT
424	Q4009-4011	25C181S1/V1 KT3198 YAT
425	Q4012	25C1740S1/R/S1 25C3311ARA1G/R/S1

xxx	LOC	JUCRTA	KL	B	GEF
51	TE001	W56100	W56110	W56110	W56110
52	TE002	W56090	W56090	W56090	W56090
53	TE003	W56080	W56080	W56080	W56080
54	TE004	W56070	W56070	W56070	W56070
55	TE005	W56060	W56060	W56060	W56060
56	TE006	W56050	W56050	W56050	W56050
57	TE007	W56040	W56040	W56040	W56040
58	TE008	W56030	W56030	W56030	W56030
59	TE009	W56020	W56020	W56020	W56020
60	TE010	W56010	W56010	W56010	W56010
61	TE011	W56000	W56000	W56000	W56000
62	TE012	W56000	W56000	W56000	W56000
63	TE013	W56000	W56000	W56000	W56000
64	TE014	W56000	W56000	W56000	W56000
65	TE015	W56000	W56000	W56000	W56000
66	TE016	W56000	W56000	W56000	W56000
67	TE017	W56000	W56000	W56000	W56000
68	TE018	W56000	W56000	W56000	W56000
69	TE019	W56000	W56000	W56000	W56000
70	TE020	W56000	W56000	W56000	W56000
71	TE021	W56000	W56000	W56000	W56000
72	TE022	W56000	W56000	W56000	W56000
73	TE023	W56000	W56000	W56000	W56000
74	TE024	W56000	W56000	W56000	W56000
75	TE025	W56000	W56000	W56000	W56000
76	TE026	W56000	W56000	W56000	W56000
77	TE027	W56000	W56000	W56000	W56000
78	TE028	W56000	W56000	W56000	W56000
79	TE029	W56000	W56000	W56000	W56000
80	TE030	W56000	W56000	W56000	W56000
81	TE031	W56000	W56000	W56000	W56000
82	TE032	W56000	W56000	W56000	W56000
83	TE033	W56000	W56000	W56000	W56000
84	TE034	W56000	W56000	W56000	W56000
85	TE035	W56000	W56000	W56000	W56000
86	TE036	W56000	W56000	W56000	W56000
87	TE037	W56000	W56000	W56000	W56000
88	TE038	W56000	W56000	W56000	W56000
89	TE039	W56000	W56000	W56000	W56000
90	TE040	W56000	W56000	W56000	W56000
91	TE041	W56000	W56000	W56000	W56000
92	TE042	W56000	W56000	W56000	W56000
93	TE043	W56000	W56000	W56000	W56000
94	TE044	W56000	W56000	W56000	W56000
95	TE045	W56000	W56000	W56000	W56000
96	TE046	W56000	W56000	W56000	W56000
97	TE047	W56000	W56000	W56000	W56000
98	TE048	W56000	W56000	W56000	W56000
99	TE049	W56000	W56000	W56000	W56000
100	TE050	W56000	W56000	W56000	W56000

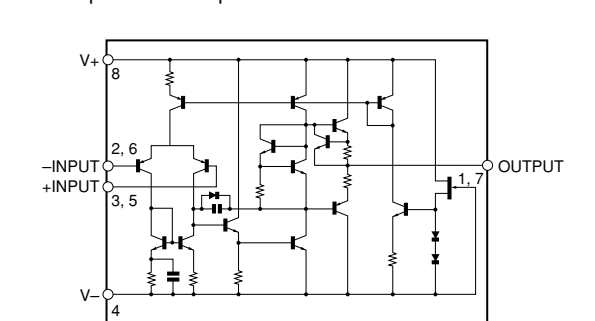
IC401: R2A15218FP
8-channel electronic volume with 11 input selector and tone control



IC402: LC72725KM-UY-TLM-E
RDS signal demodulation IC



IC403-405, 407: NJM4558M
Dual operational amplifier

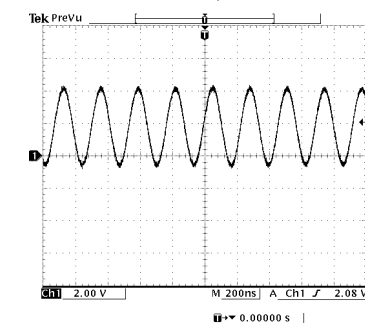


REMARKS	PARTS NAME	UNIT
NO MARK	ELECTROLYTIC CAPACITOR	μF
NO MARK	TANTALUM CAPACITOR	μF
NO MARK	CERAMIC TUBULAR CAPACITOR	μF
NO MARK	CERAMIC CAPACITOR	μF
NO MARK	POLYESTER FILM CAPACITOR	μF
NO MARK	POLYSTYRENE FILM CAPACITOR	μF
NO MARK	MICA CAPACITOR	μF
NO MARK	POLYPROPYLENE FILM CAPACITOR	μF
NO MARK	SEMICONDUCTIVE CERAMIC CAPACITOR	μF

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

NOTICE (model1)
(J)..... JAPAN
(U)..... U.S.A
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POINT (C2) XL401 (Pin 13 of IC402)



- ★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
- ★ 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.

- 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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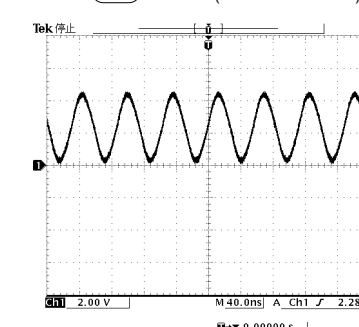
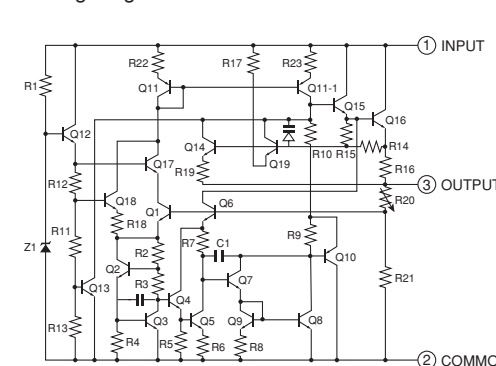
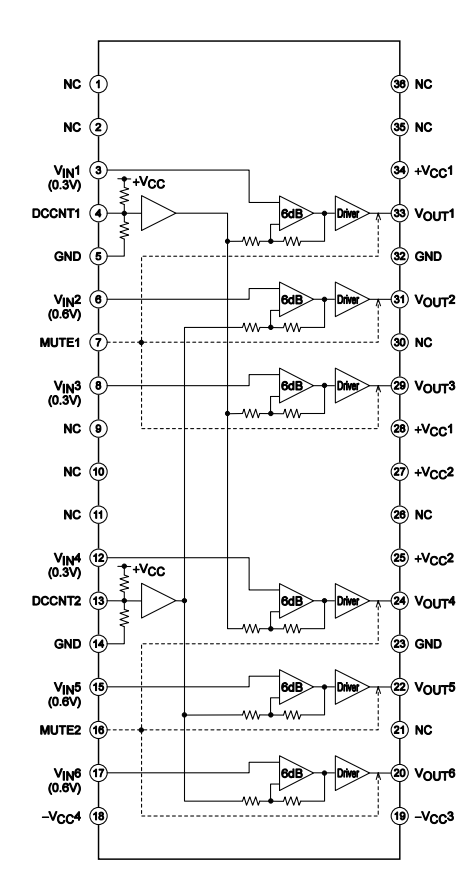
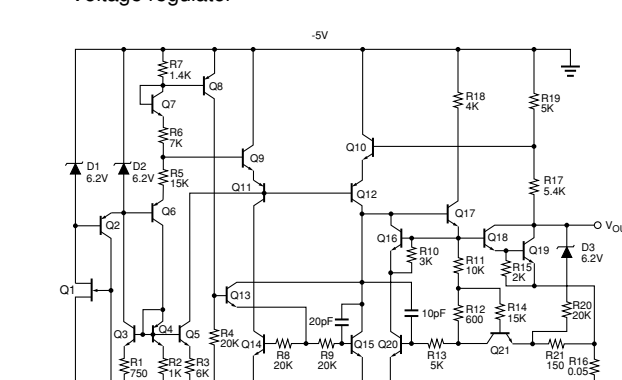
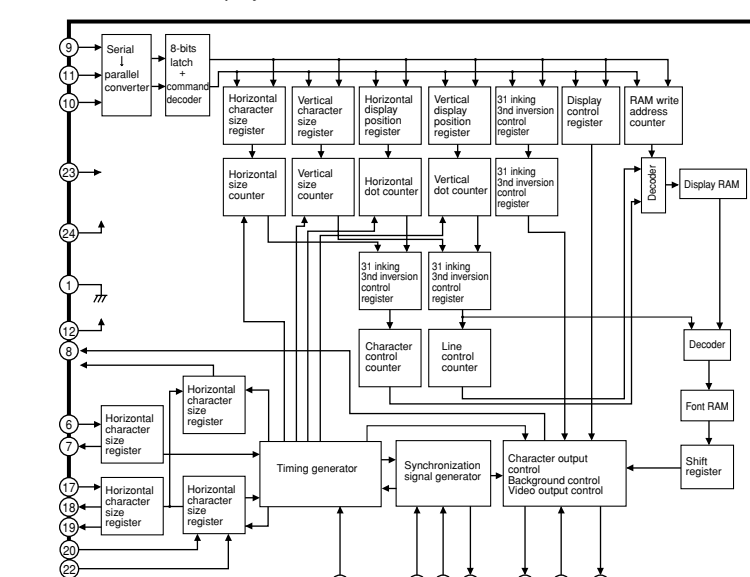
VIDEO 1/2

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to OPERATION (8)_CB609Page 87 [D3]
to DSP_CB32Page 86 [M3]
to DSP_CB21Page 98 [C1]
to VIDEO (2)_CB325

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
✳301	D3201-3205 D3208-3217	1SS355 MA2J1110GL
✳302	Q3004-3005	2SC2412K (G/R/S) 2SD061ARL/ADL (G/R/S) KTC3875S-Y-GR-RTK/P
✳303	IC301	MM74HC4051SJX-NL TC74HC4051AF (EL-F)
✳304		
✳306	IC311-322-324	TC74HC4052AF (EL-F) MM74HC4052SJX-NL
✳307	D3401-3501	HSS104 1SS133 1SS176
✳308	Q3402-3404	2SA1015 (Y) KTA1266 (Y)
✳309		
✳310	Q3501	DTA114ESA KRA102M-AT

POINT (C-1) XL301 (Pin 3 of IC304)

IC308: KIA7805API
Voltage regulatorIC307: LA73050-TLM-E
6-channel 75-ohm video driverIC309: KIA79M05PI-U
Voltage regulatorIC304: LC74782JM-8A16-TLMC
The on-screen display controller LSI

VSS1	1	24	VDD1
Xblav	2	23	RST
Xblav	3	22	CTRL3
CTAL1	4	21	CTRL2
BLANK	5	20	SEPin
OSCAN	6	19	SEPOut
OSCAN	7	18	SEPC
CHARA	8	17	SYNN
CS	9	16	VDD1
SGLK	10	15	CVIN
SN	11	14	NC
VDD2	12	13	CVOUT

- ★ 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 according to those originally installed.
- ★ Schematic diagram is subject to change without notice.

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NOTICE (model)

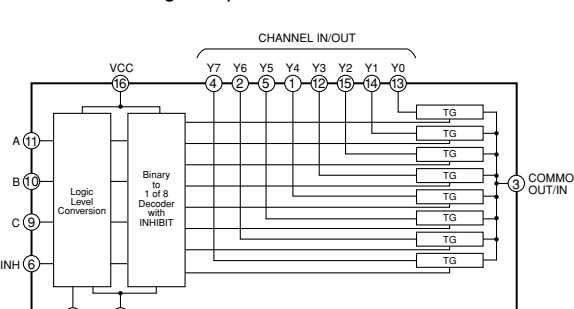
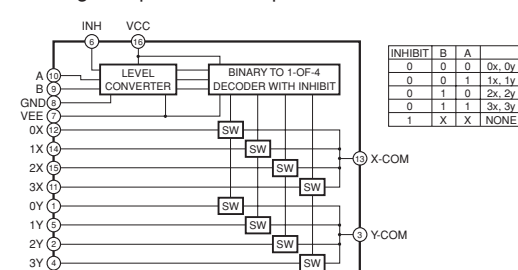
(J)..... JAPAN
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(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN

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

IC301: MM74HC4051SJX
8-channel analog multiplexerIC311: TC74HC4052AF
Analog multiplexer/demultiplexer

VIDEO (1)

