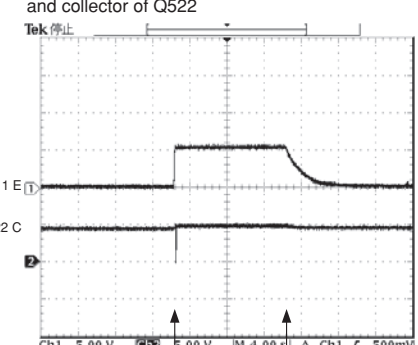
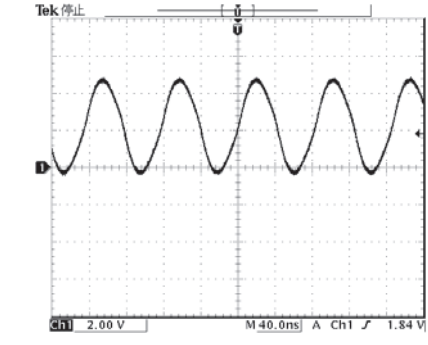


RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300

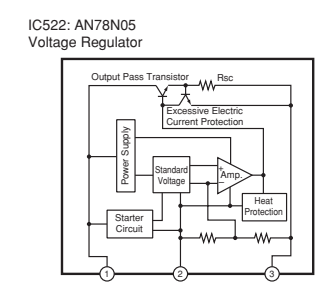
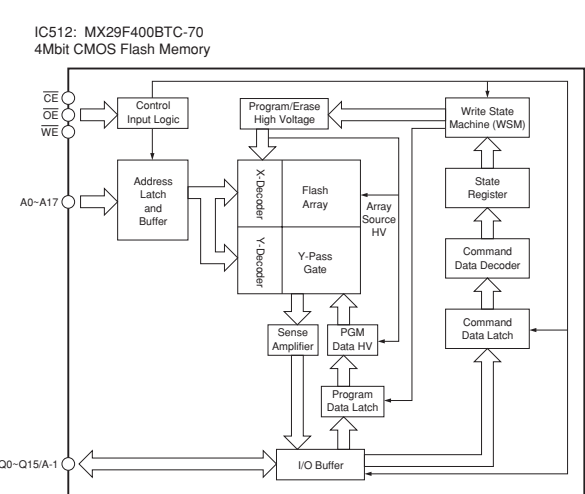
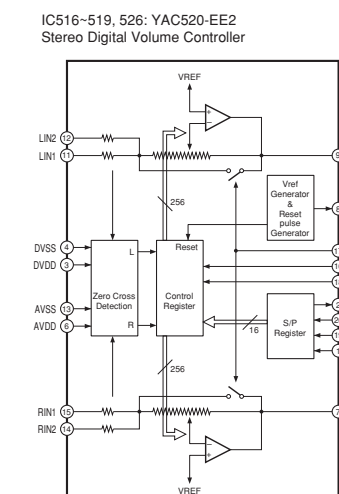
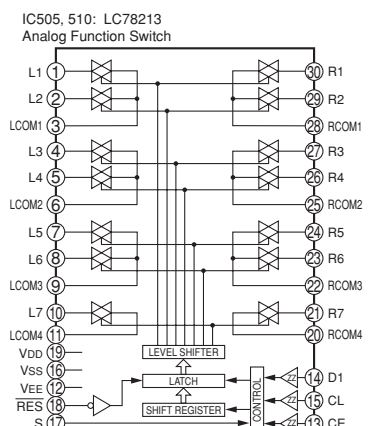
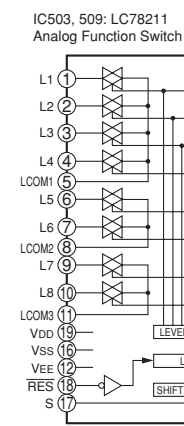
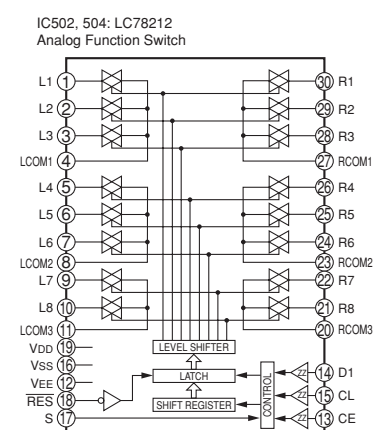
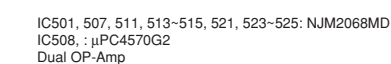
Point ② Pin 20 of IC502

Point ③ emitter of Q511



#	Circuit	N	J	X	HTF-5550	Bo-T-X	HTF-5590	Bo-T	5-S	Comments
1	503-604	x	x	x	x	x	x	x	x	EMER
2	523A-520	x	47	47	47	47	2-2K	RC2047	2-2K	EMER
3	5662	x	HTF5647	x	x	100K	RC2047	x	x	TURNER
4	5687	x	x	x	47	RC2047	x	x	x	FLY-516 Switch
5	5665	x	x	100K	RC2047	x	100K	RC2047	x	FLY-516
6	5672	x	4-7K	RC2047	x	4-7K	RC2047	x	4-7K	FLY-516
7	10004	x	x	LC7802	x	x	LC7802	x	x	Zero
8	10005	x	LC7803	x	LC7803	x	LC7803	x	x	Zero
9	10454-564-555-565-566-568	x	RC2010	x	RC2010	x	RC2010	x	x	Zero
10	10006-500	x	2-270K	x	2-270K	x	2-270K	x	x	FLY-516
11	10010-606	x	UM9602	x	UM9602	x	UM9602	x	x	FLY-516
12	12008	x	UM9210	x	UM9210	x	UM9210	x	x	FLY-516
13	12008	x	UM9202	x	UM9202	x	UM9202	x	x	FLY-516
14	1517-518	x	7F2143	x	7F2143	x	7F2143	x	x	FLY-516
15	5005-506	x	RD3000	x	RD3000	x	RD3000	x	x	Zero
16	5011-700	x	67K	RC2047	x	67K	RC2047	x	x	FLY-516
17	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
18	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
19	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
20	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
21	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
22	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
23	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
24	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
25	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
26	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
27	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
28	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
29	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
30	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
31	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
32	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
33	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
34	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
35	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
36	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
37	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
38	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
39	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
40	5017-574	x	47K	RC2047	x	47K	RC2047	x	x	FLY-516
41	6063-671-676-678-680-681-682	x	x	0-1/16	UM1310	x	0-1/16	UM1310	x	FCC

x: NOT USED
O: USED / APPLICABLE



NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE

Interchangeable Parts at Manufacture-Stage		
Mark	Reference Parts Number	Parts Name
41		
42	0501-506-513-519-533-534-537-544-546-547	25C3326(A/B) 25C3326(B)
43	0507-508-511-520-525-527-532	25A1037AK(G/R/S) 25A12395A(E/F)
44		
45		

CAPACITOR		PARTS NAME	
NO	MARK	ELECTROLYTIC CAPACITOR	1
NO	MARK	TANTALUM CAPACITOR	
NO	MARK	CERAMIC CAPACITOR	
⑥		CERAMIC TUBULAR CAPACITOR	
⑦		POLYESTER FILM CAPACITOR	
⑧		POLYSTYRENE FILM CAPACITOR	11
⑨		MICA CAPACITOR	
⑩		POLYPROPYLENE FILM CAPACITOR	
⑪		NONCONDUCTIVE CERAMIC CAPACITOR	
⑫		POLYPHENYLENE SULFIDE FILM CAPACITOR	

RESISTOR		PARTS NAME
REMARKS		
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

- ★ All voltages are measured with a 10M Ω /V DC electric 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10M Ω の電圧計で測定したものです。
 - 特殊な特性を有する部品は、安全電圧部品のマーク「！」を付しています。部品の交換が必要な場合、必ず同様の部品に取換えてください。
 - 本図の図は標準記載方式です。改良のため予告なく変更することがございます。

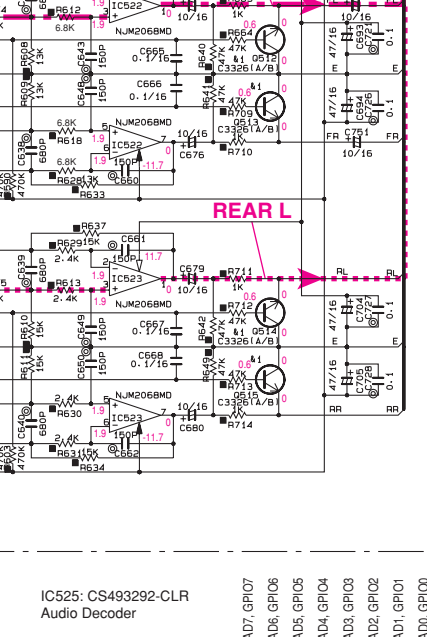
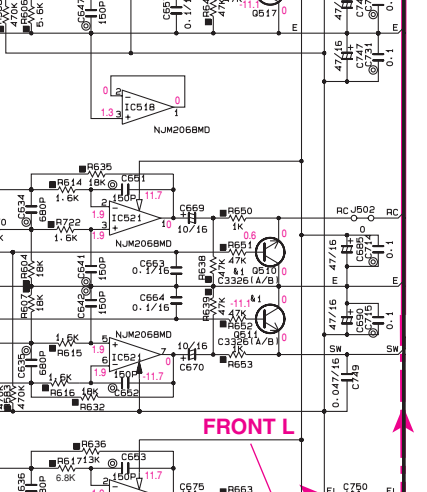
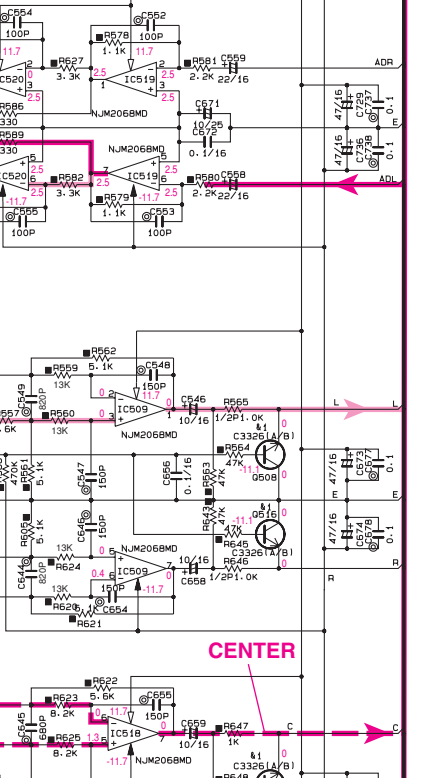
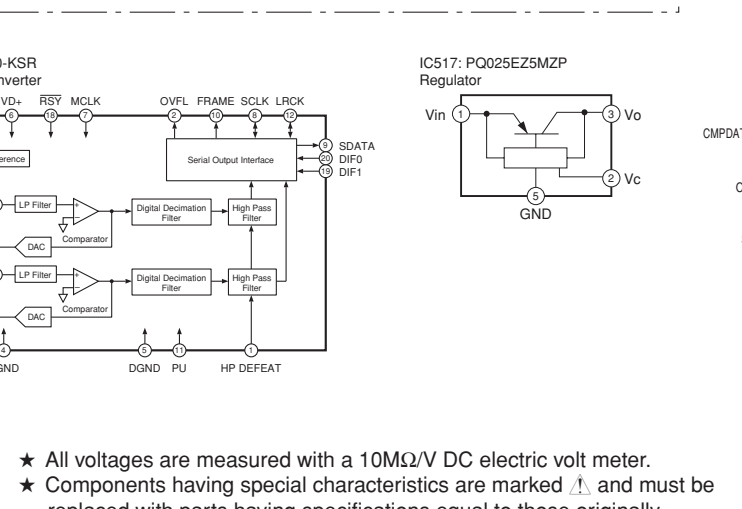
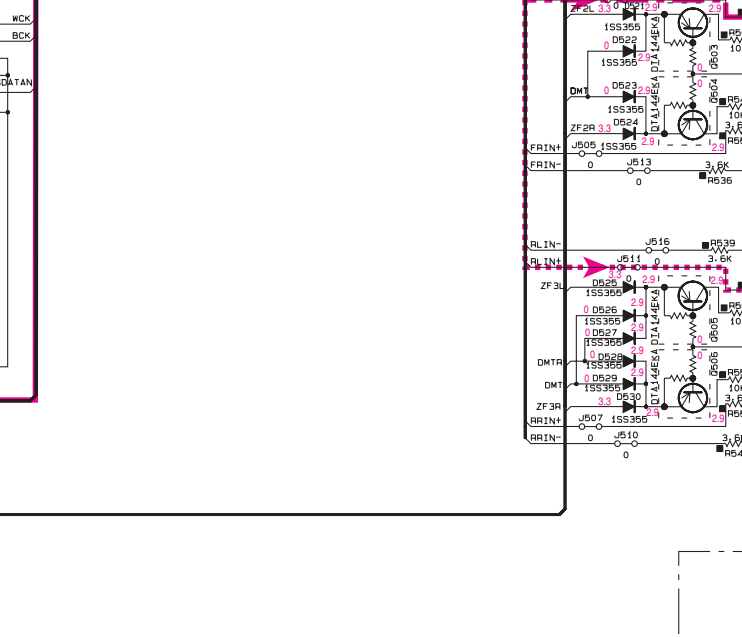
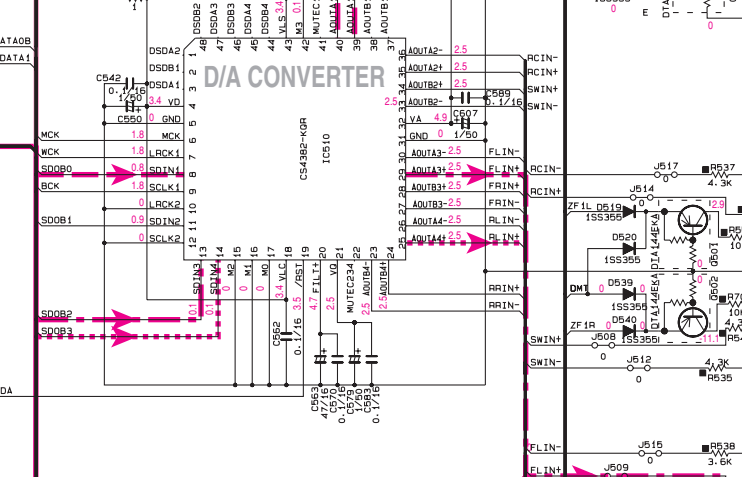
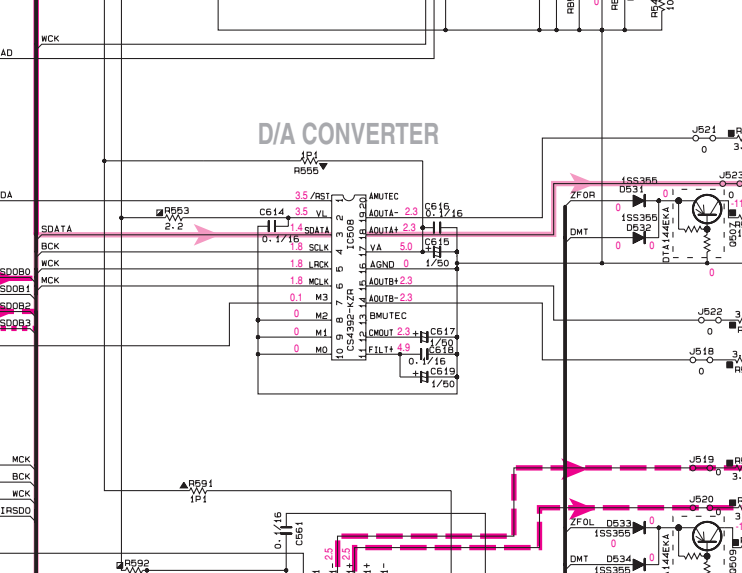
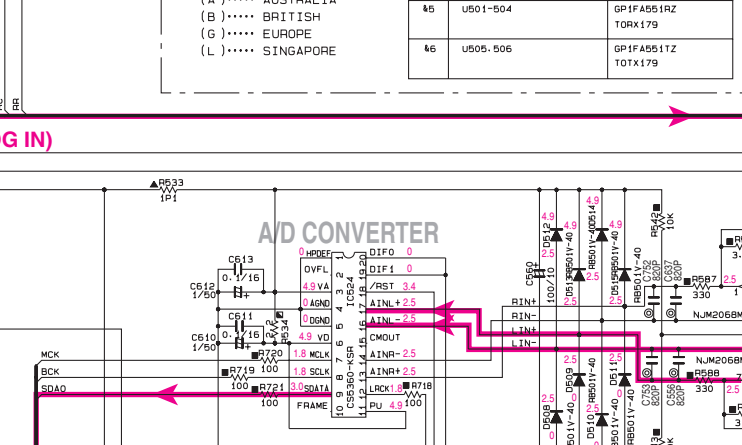
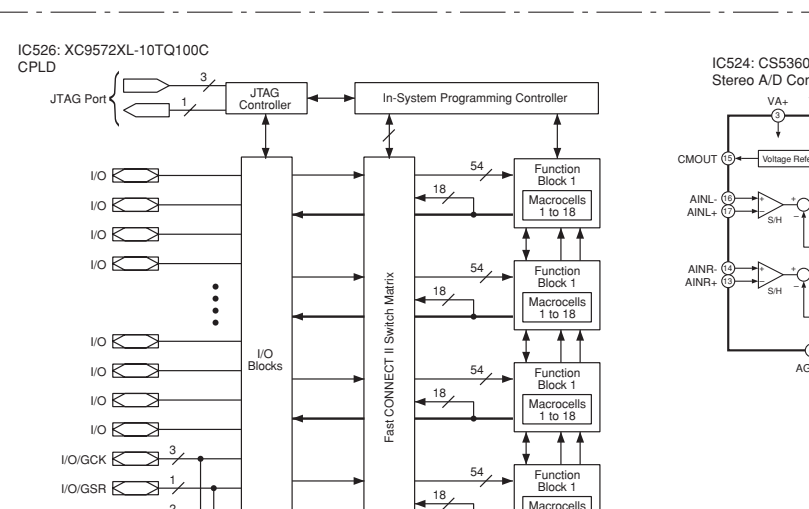
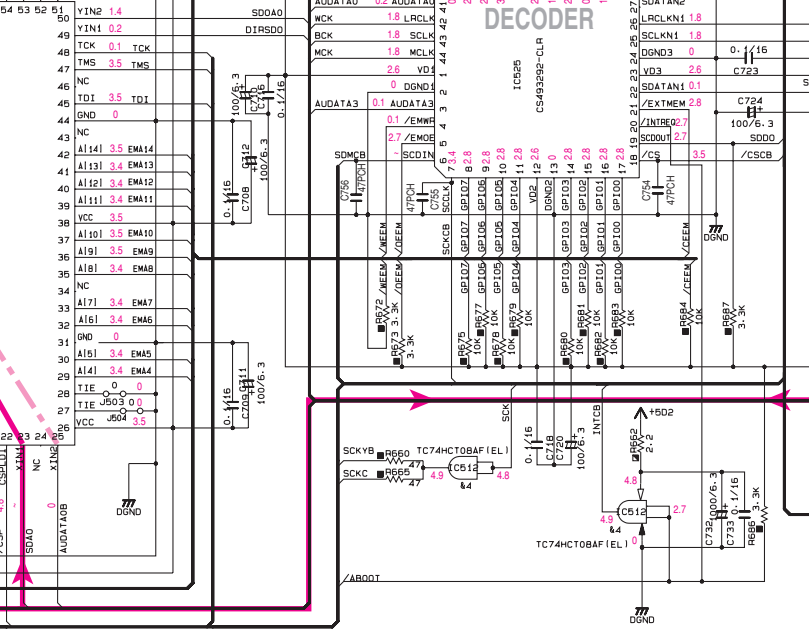
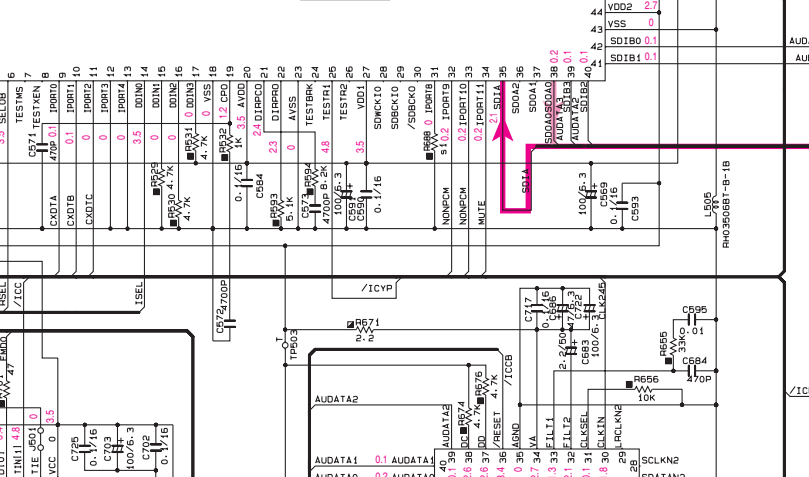
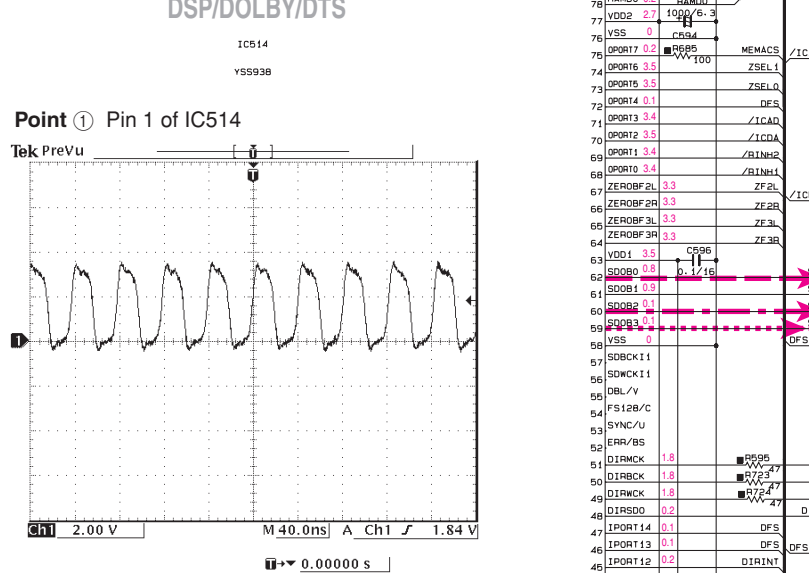
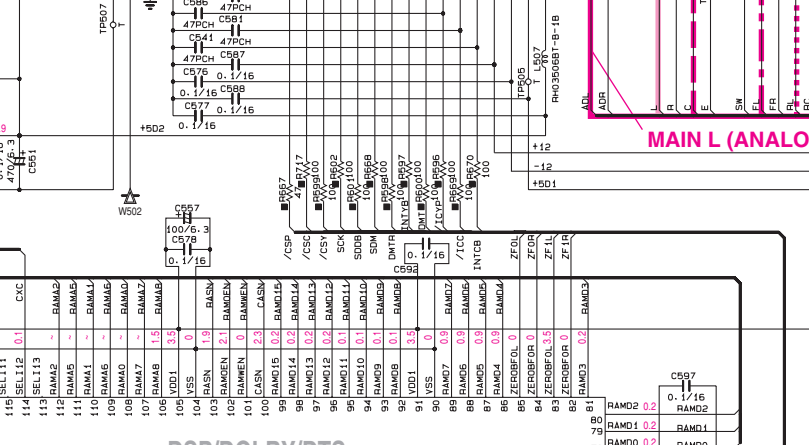
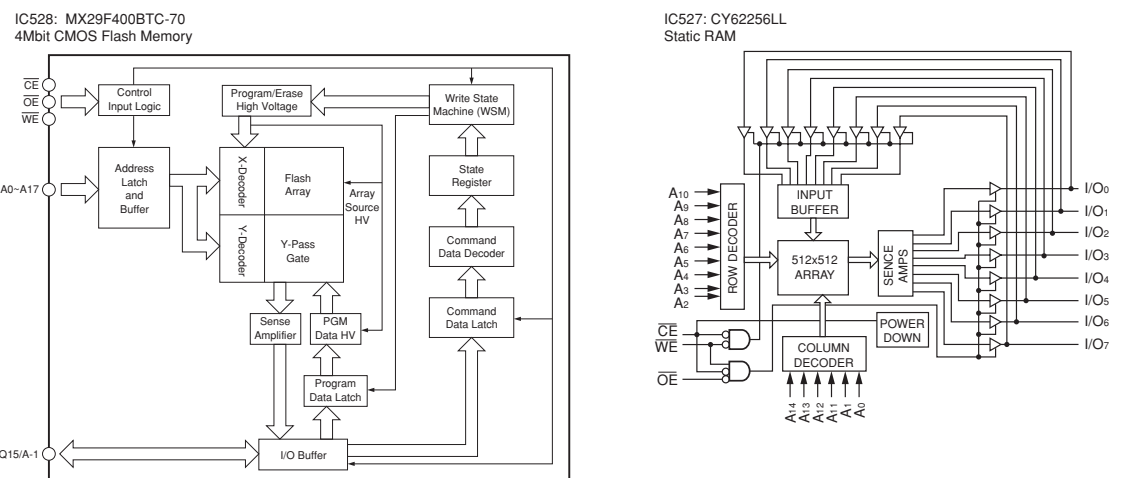
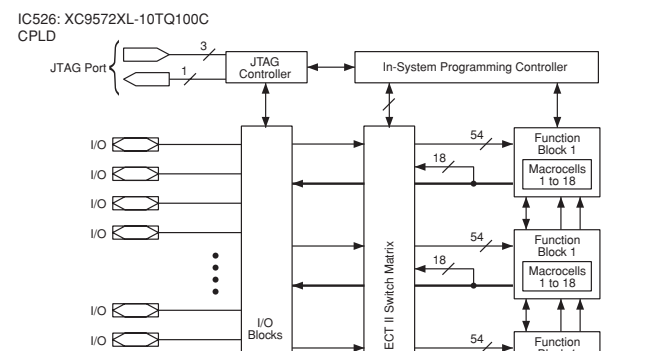
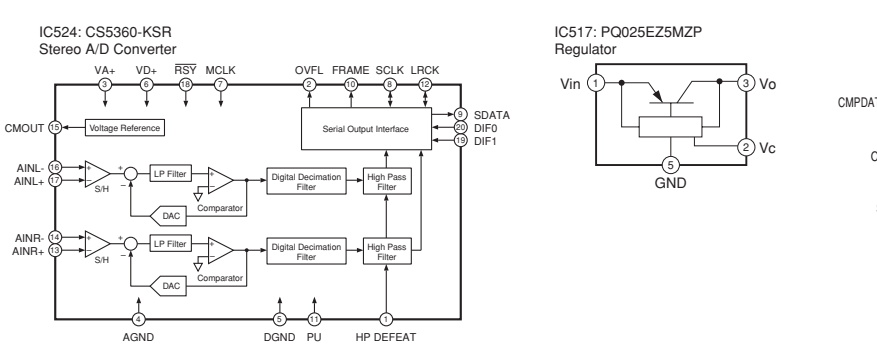
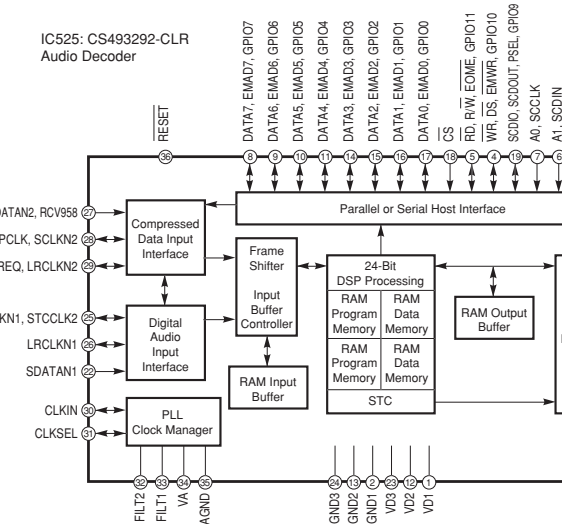
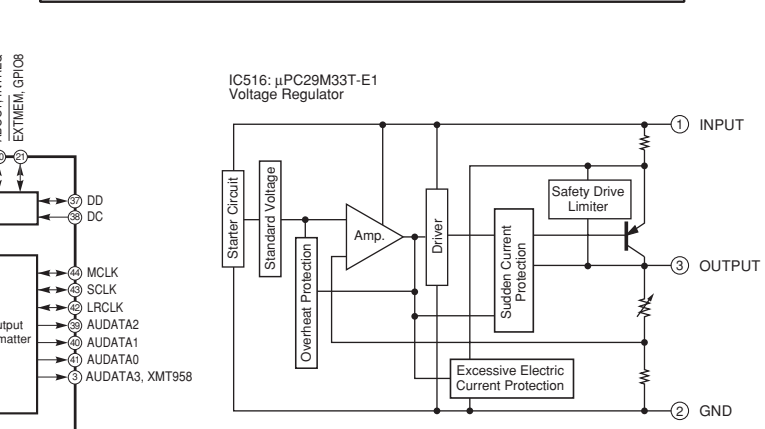
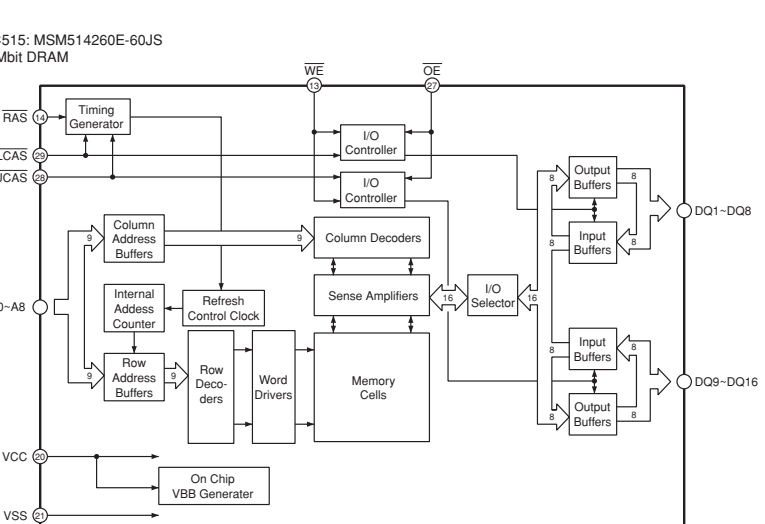
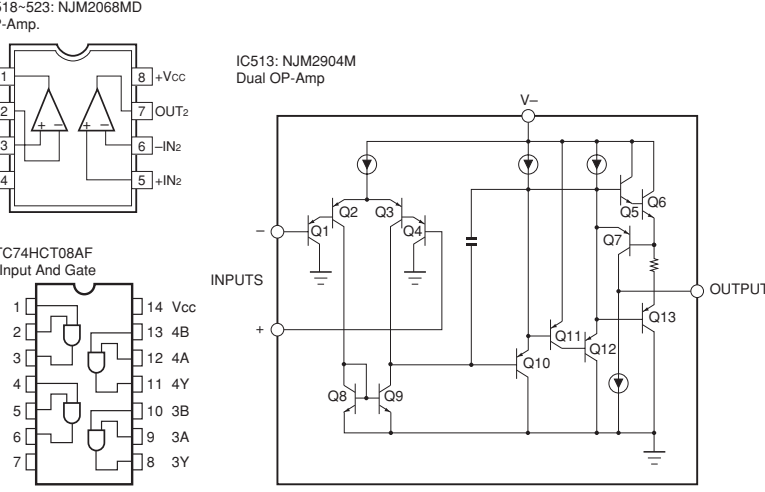
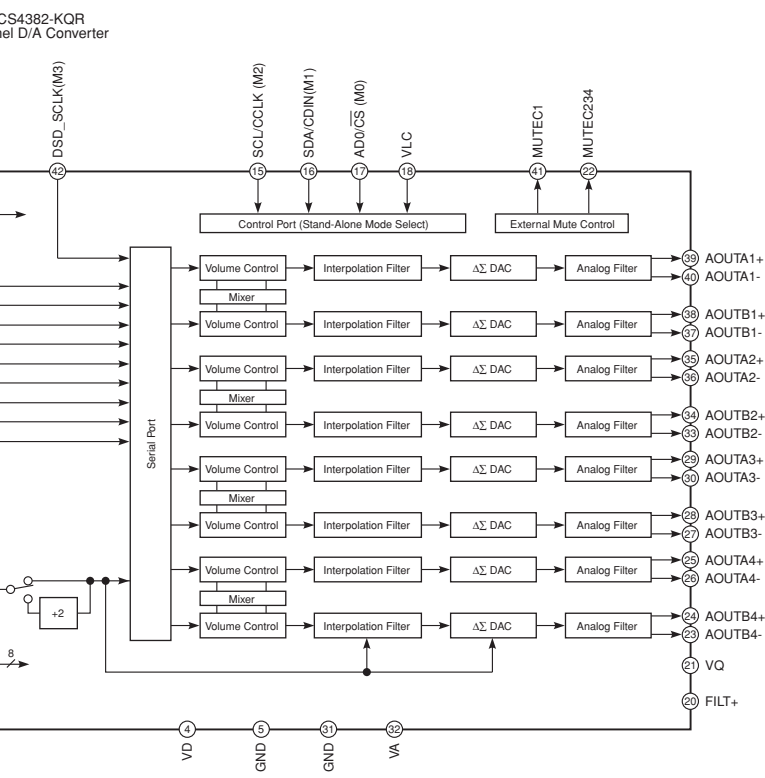
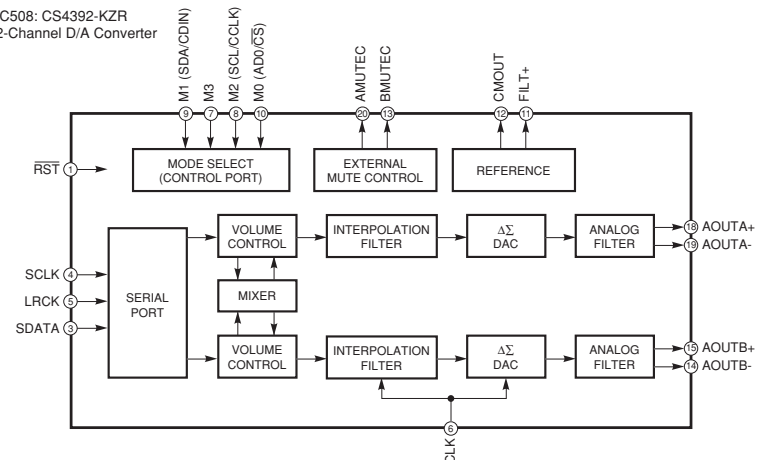
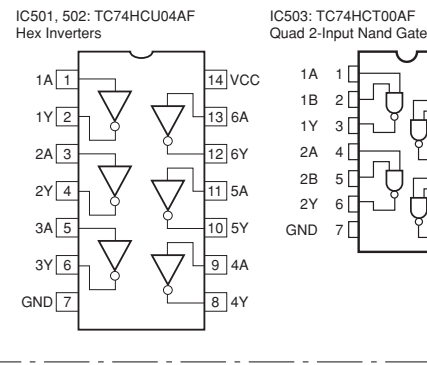
SCHEMATIC DIAGRAM (DSP)

RX-V2300/DSP-AX2300/RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300

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
△	7700 PROOF CARBON FILM RESISTOR
△	CEMENT MOLDED RESISTOR
△	SEMI VARIABLE RESISTOR
△	CHIP RESISTOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	TANTALUM CAPACITOR
△	CERAMIC TUBULAR CAPACITOR
△	POLYESTER FILM CAPACITOR
△	POLYSTYRENE FILM CAPACITOR
△	MICA CAPACITOR
△	POLYPROPYLENE FILM CAPACITOR
△	SEMICONDUCTIVE CERAMIC CAPACITOR
△	POLYPHENYLENE SULFIDE FILM CAPACITOR

Mark	Reference Number	Parts Name
k1	0508-510-517	2SC3381A-B1
k2	IC513	NJM2904M
k3	IC515	WM814260E-60JS
k4	IC512	TC74HCT06AF
k5	UR01-504	GP1FA5512Z
k6	UR05-506	GP1FA5517Z

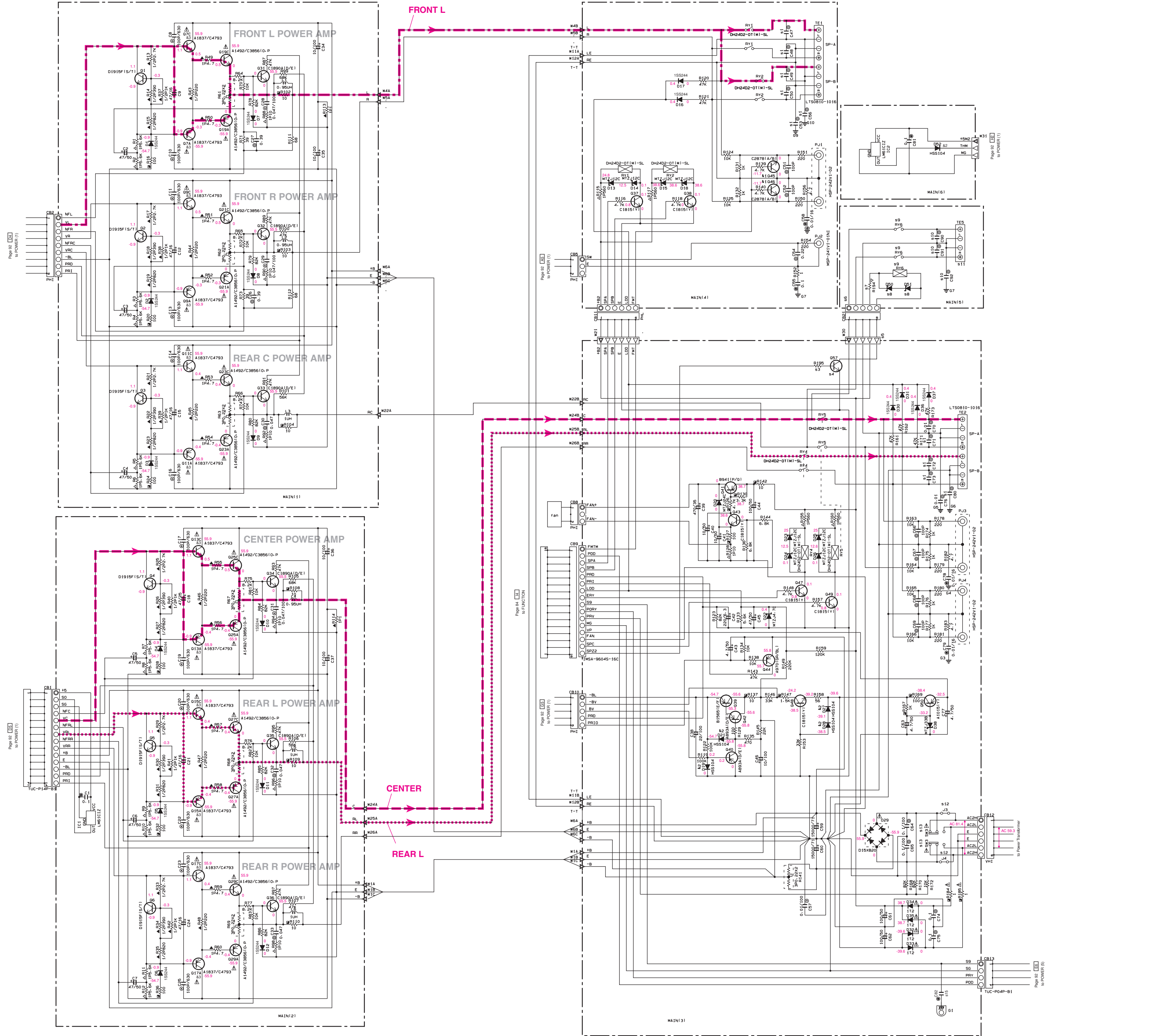


★ All voltages are measured with a 10MΩ/V DC electric volt meter.
 ★ Components having special characteristics are marked △ and must be replaced with parts having specifications equal to those originally installed.
 ★ Schematic diagram is subject to change without notice.

S	Parts Number	J	U, C, R, K, A, B, G	Notes
1	MS88	X	A, Y, R, D, B, E, A, T	AAC

● 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。

■ SCHEMATIC DIAGRAM (MAIN) RX-V2300/DSP-AX-2300



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

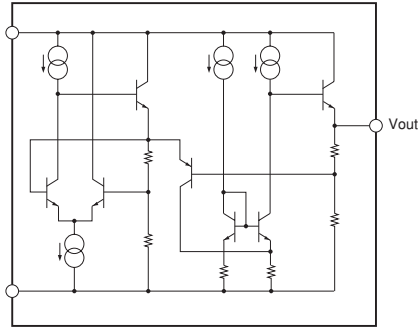
	DSP-AX2300	RX-V2300	
		U-C	R.T.K
s1	C47-C48-C49-C50 C53-C56-C71 C75-C77-C80	x	0.01 UAE5410
s3	R195	x	4.7K HF2547
s4	D27	x	C18151V1 IC18151
s5	W30	x	V993050
s6	C821	x	L891805 IP850
s7	R194	x	V94030 MT115C
s8	D50-D51	x	V544030 DN2402-OT1W1-SL
s9	RV5	x	V532850 0.01 UAE5410
s10	C90-C91-C92	x	x
s11	TE5	x	L150410-3012 VJ45000
s12	U3-U4	0	x
s13	SW3	x	SL138-022-AMCS V410400
s14	R102, 103	HV75347	HV75347
s15	C82	x	V205610 0.1 VJ35910

x: NOT USED
0: USED / APPLICABLE

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
s1	G45-46	25C28781A/B1 25D1915F1S/11
s2	D19, 21, 27, 28, 52	H55104 1S133 1S176
s3	G7, 9, 11, 13, 15, 17	A1837C4793 A1855A/C4834

IC1, 2: LM61C1Z
Temperature Sensor



- ★ All voltages are measured with a 10MΩ/VC electric volt meter.
- ★ 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。

SCHEMATIC DIAGRAM (MAIN) RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300

RX-V2300/DSP-AX2300/RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300

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

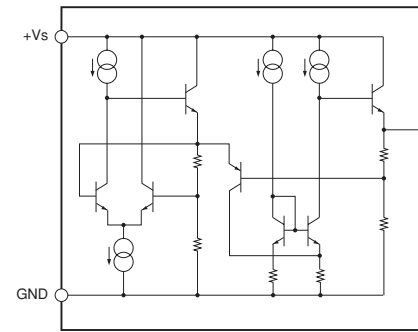
NOTICE (model)
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE

	DSP-AX1300	RX-V1300HTR-5590	RX-V1300RDS
s1	C47, C48, C49, C50 C63, C66, C71 C72, C73, C80	X	X
s2	TE1, TE2	L750810-1016 V945900	L750810-1016 V945900
s3	J3, J4	X	X
s4	SW3	SL138-022-AMCS V210420	SL138-022-AMCS V410420
s5	R102-103	10 HY75410	4.7 HY75347
s6	C82	X	X

X: NOT USED
O: USED / APPLICABLE

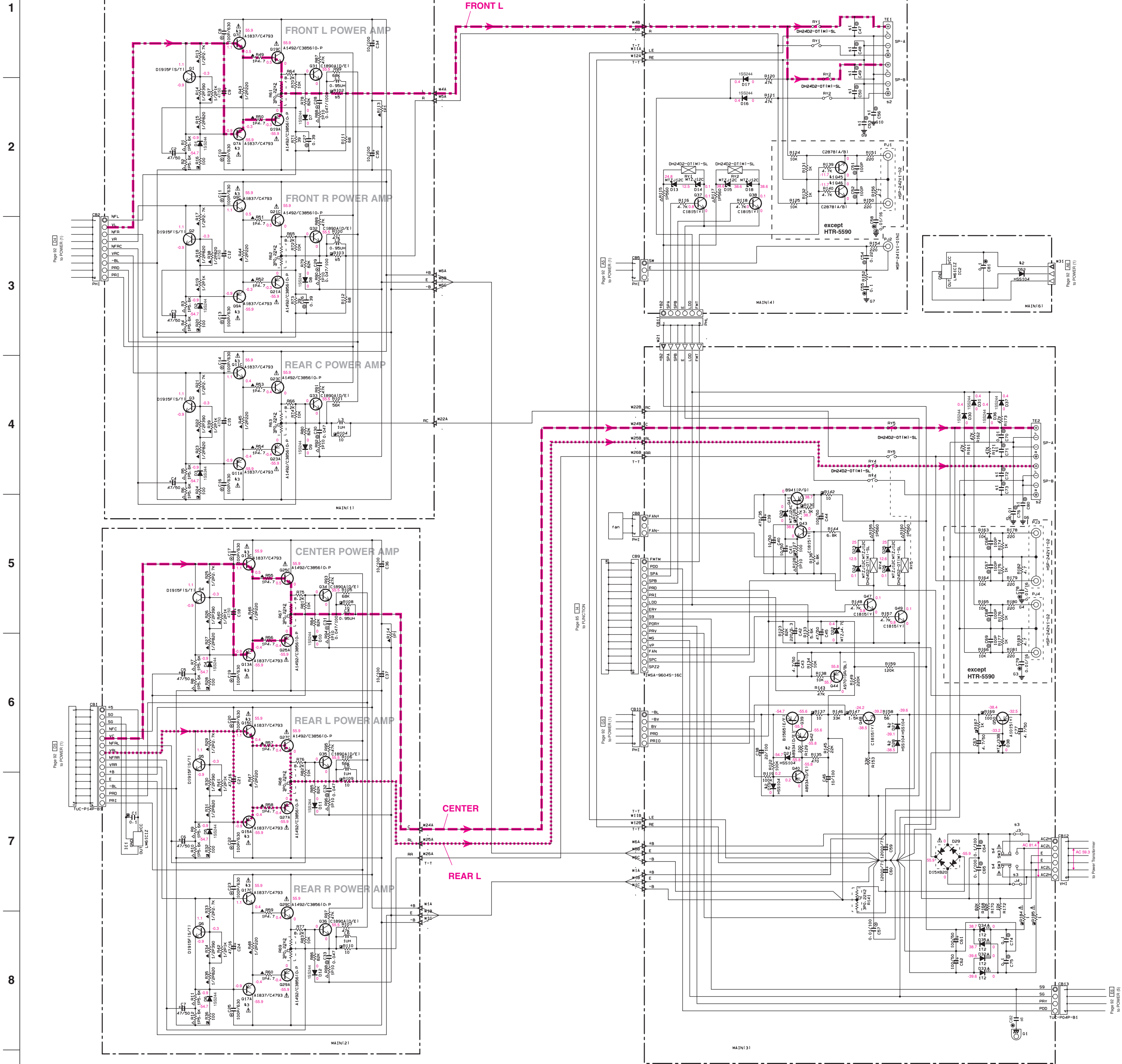
Mark	Reference Parts Number	Parts Name
k1	G45-46	25C8781A/B1 25D1915F1S/71
k2	D19-21-27-28-52	H65104 155133 155176
k3	07-9-11-13-15-17	A1837/C4793 A1895A/C483A

IC1, 2: LM61CIZ
Temperature Sensor

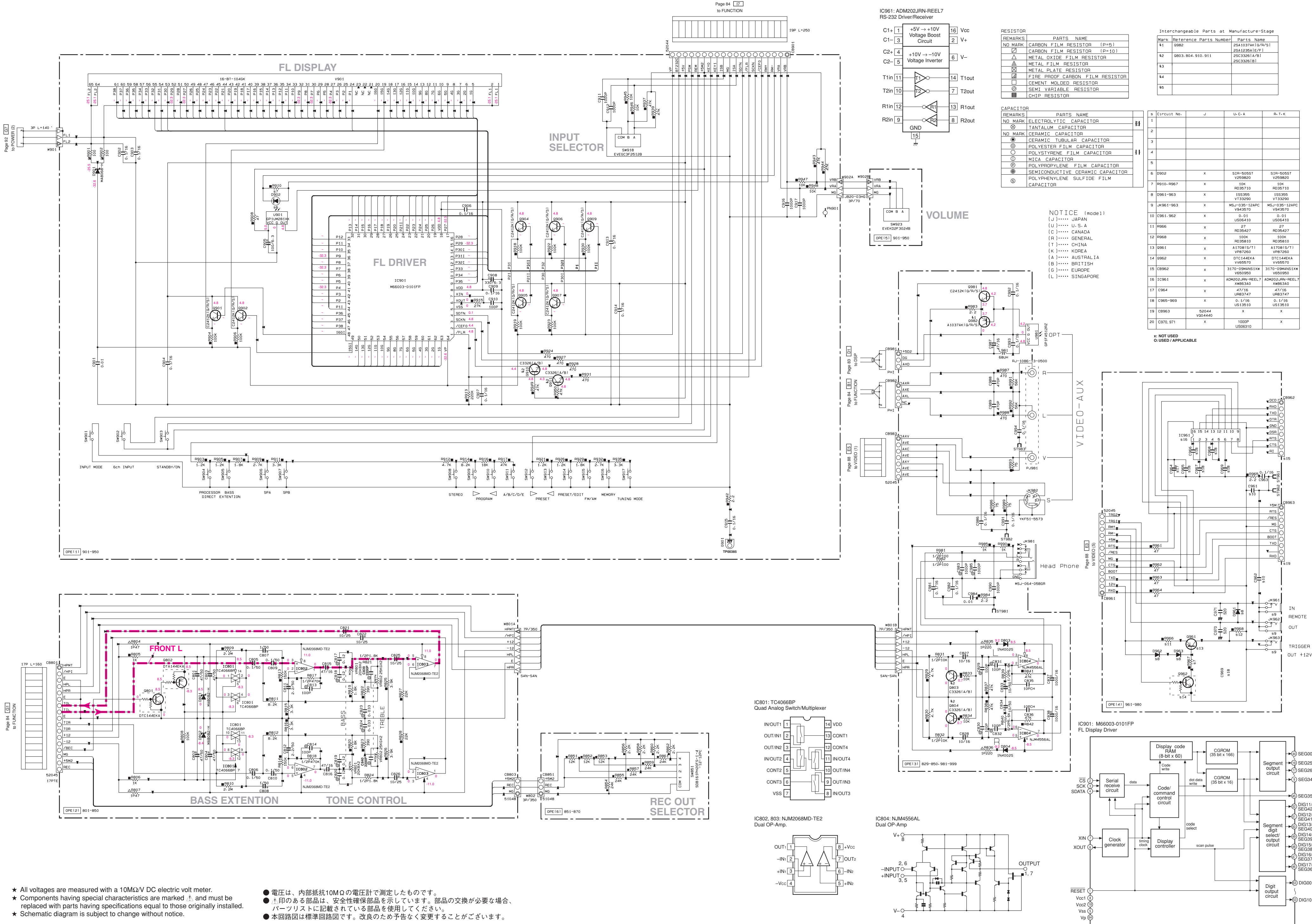


- ★ All voltages are measured with a 10MΩ/V DC electric volt meter.
- ★ Components having special characteristics are marked Δ and must be replaced with parts having specifications equal to those originally installed.
- ★ Schematic diagram is subject to change without notice.

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



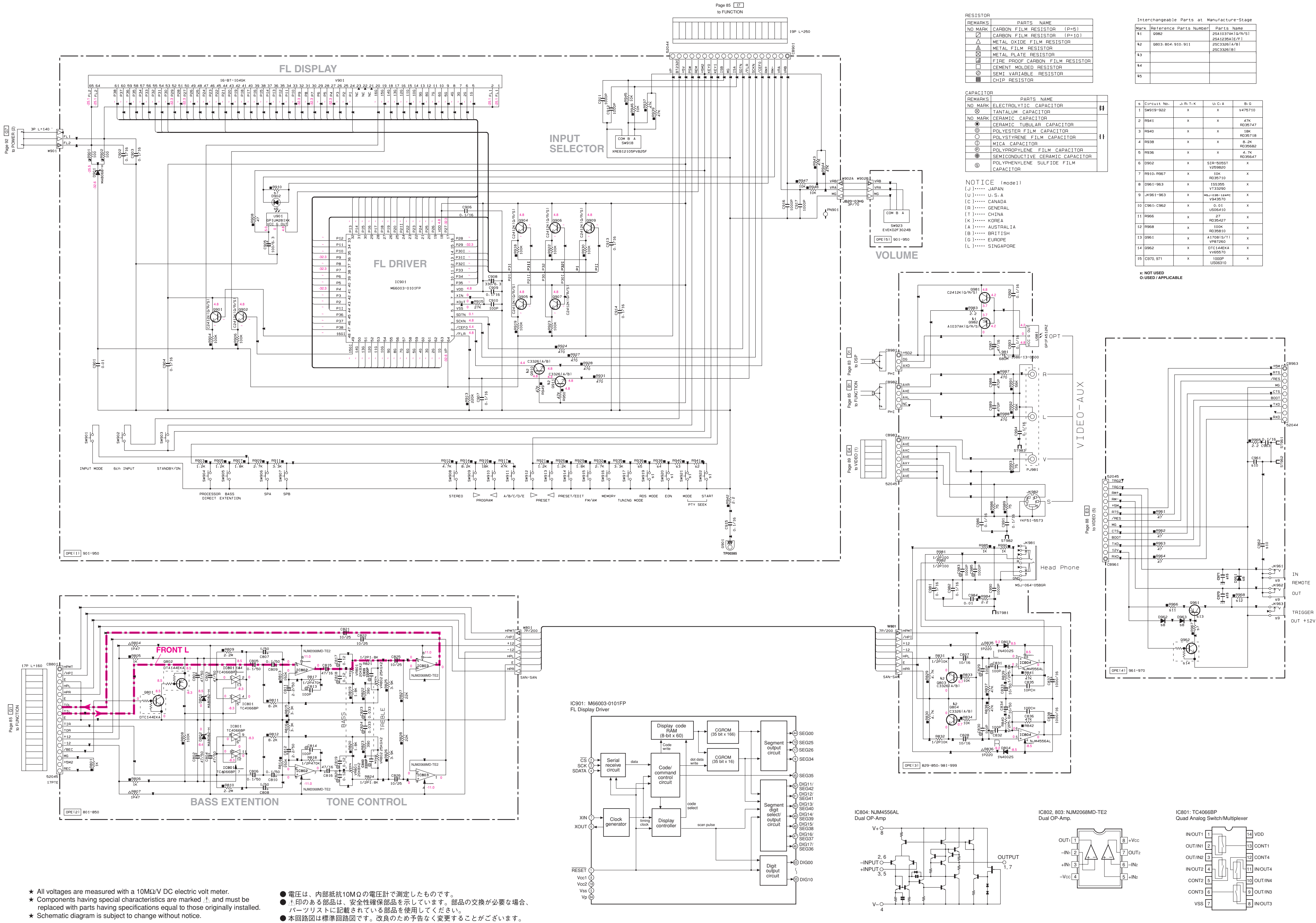
SCHEMATIC DIAGRAM (OPERATION) RX-V2300/DSP-AX-2300

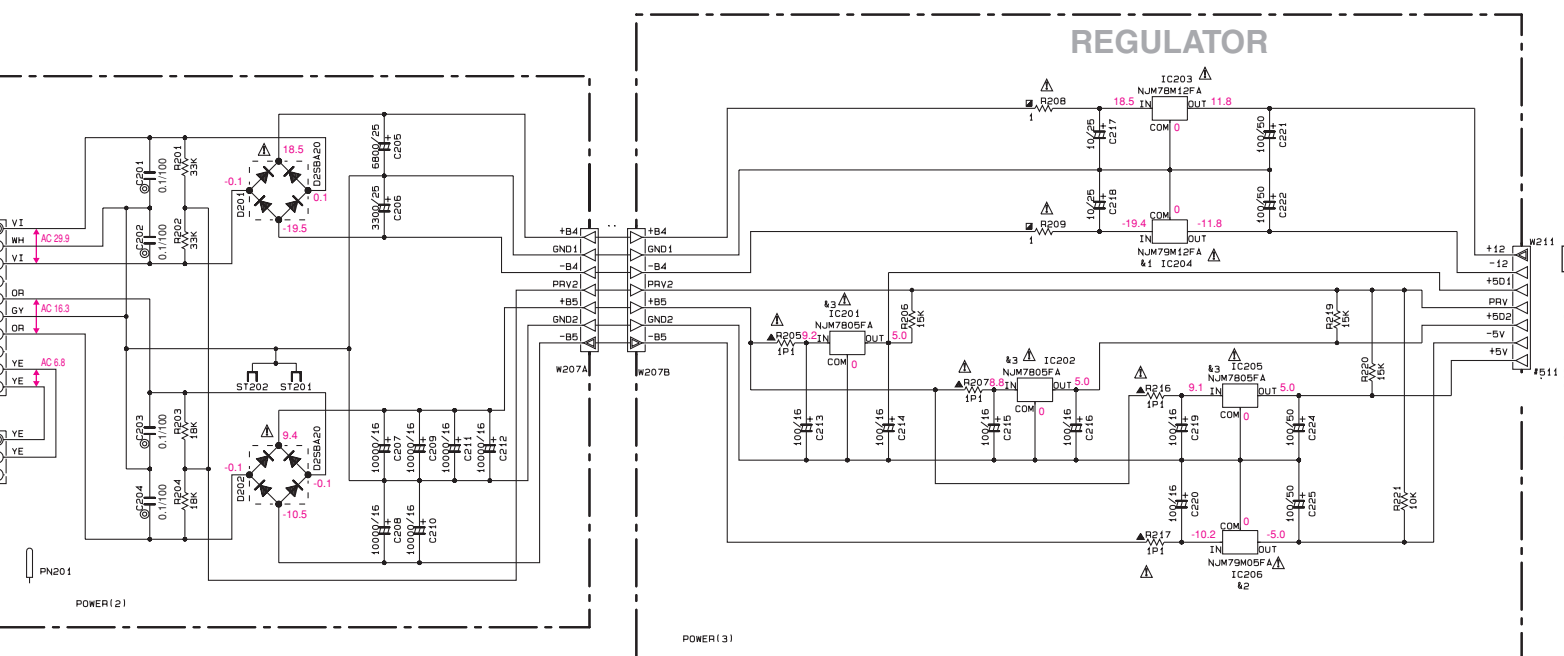
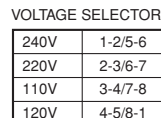


SCHEMATIC DIAGRAM (OPERATION)

RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300

RX-V2300/DSP-AX2300/RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300





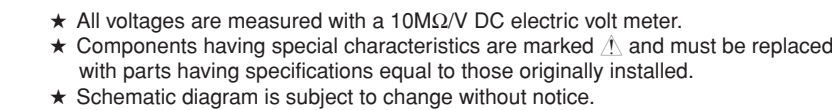
x: NOT USED
O: USED / APPLICABLE

[illegible]

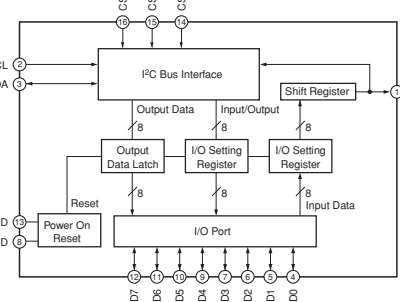
- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- △印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。

■ SCHEMATIC DIAGRAM (VIDEO)

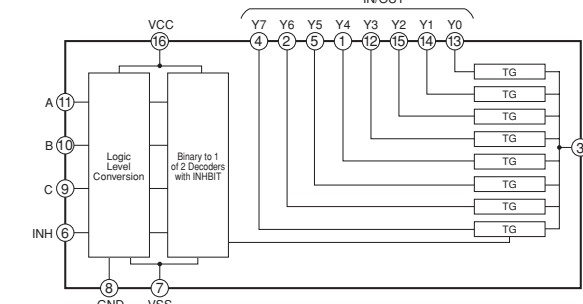
RX-V2300/DSP-AX-2300



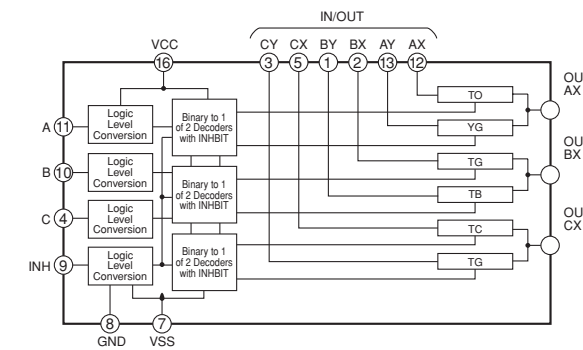
- 電圧は、内部抵抗10MΩの電圧計で測定したものです。
- 1印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。



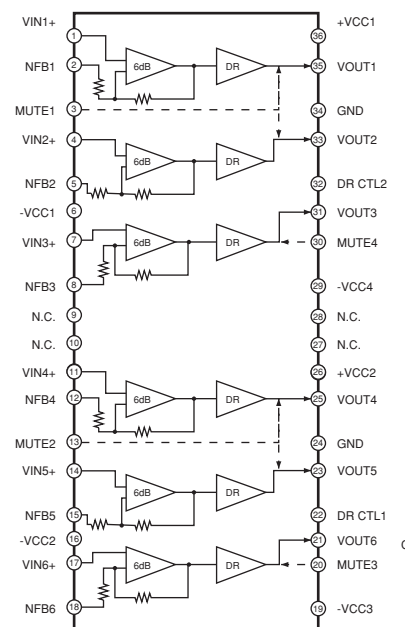
IC602~605: MM74HC4051N
IC702, 703: MM74HC4051SJ
8-Channel Analog Multiplexer



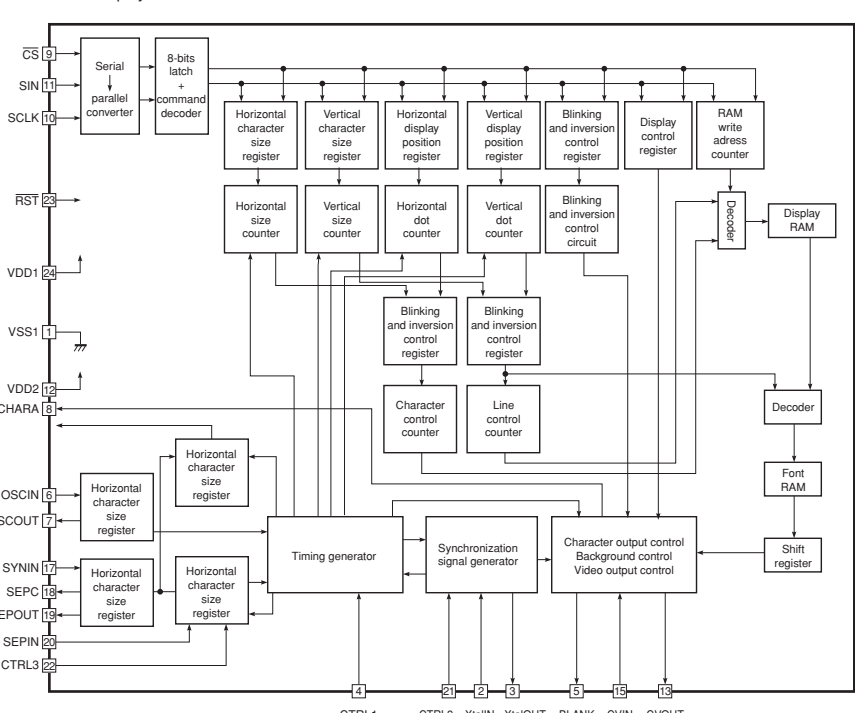
IC606, 607: MM74HC4053N
IC612, 704: MM74HC4053SJX
Triple 2-Channel Analog Multiplexer



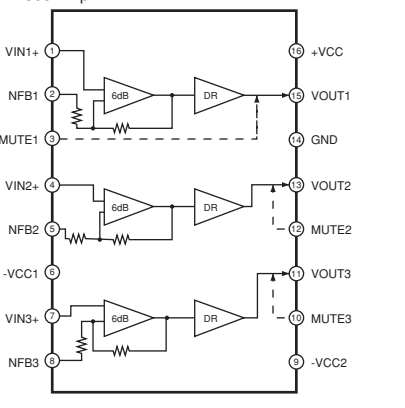
IC609: LA7109
75 Ω Video Driver



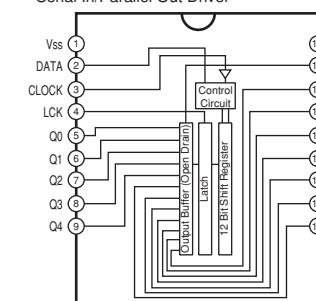
IC610: LC74781-9798
On Screen Display Com



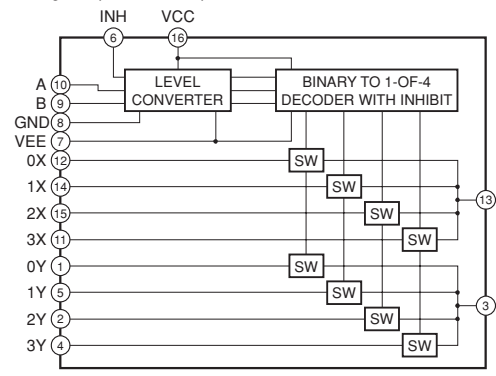
IC701: LA7108M
Video Amp



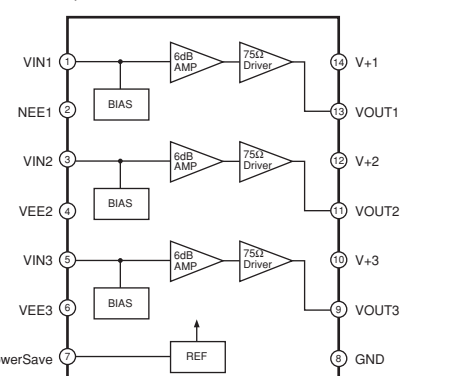
IC705: BU2092
Serial In/Parallel Out



IC751, 753, 754: TC74HC4052A
Analog Multiplexer/Demultiplexer



IC752: NJM2581M
Video Amp

[illegible]

x: NOT USED
O: USED / APPLICABLE

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
☒	SLIM

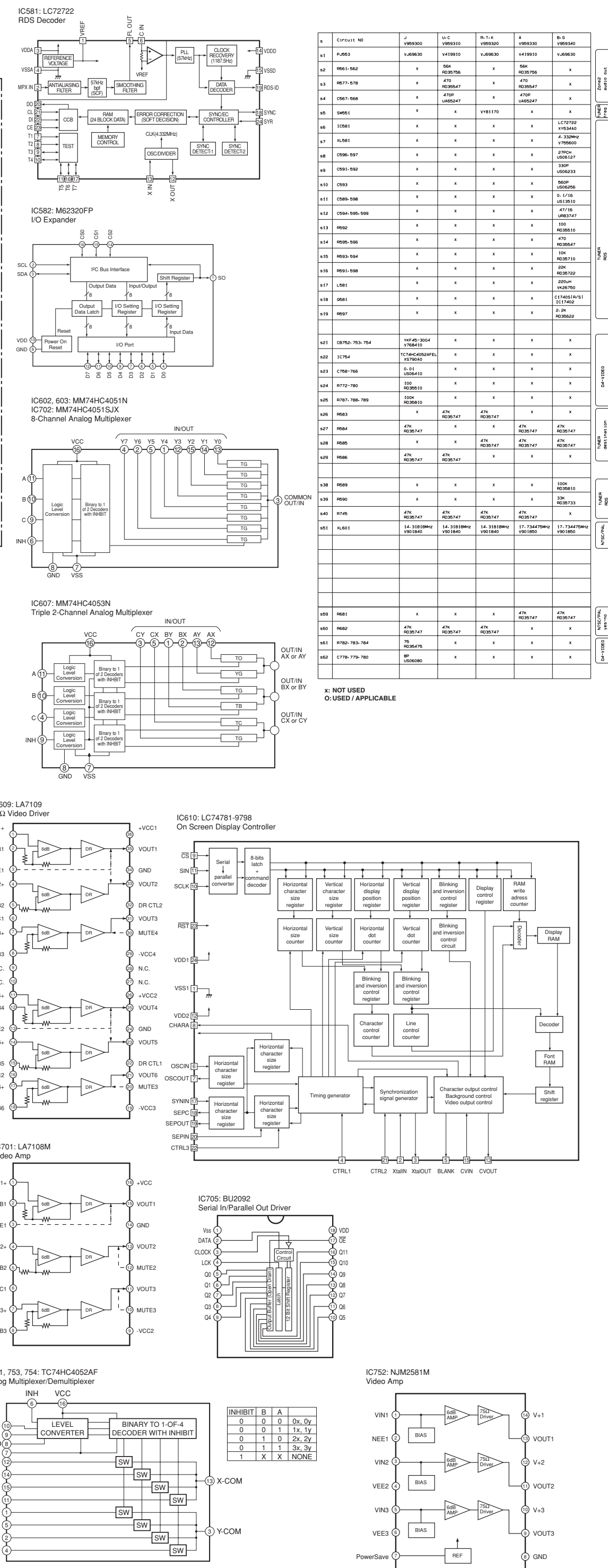
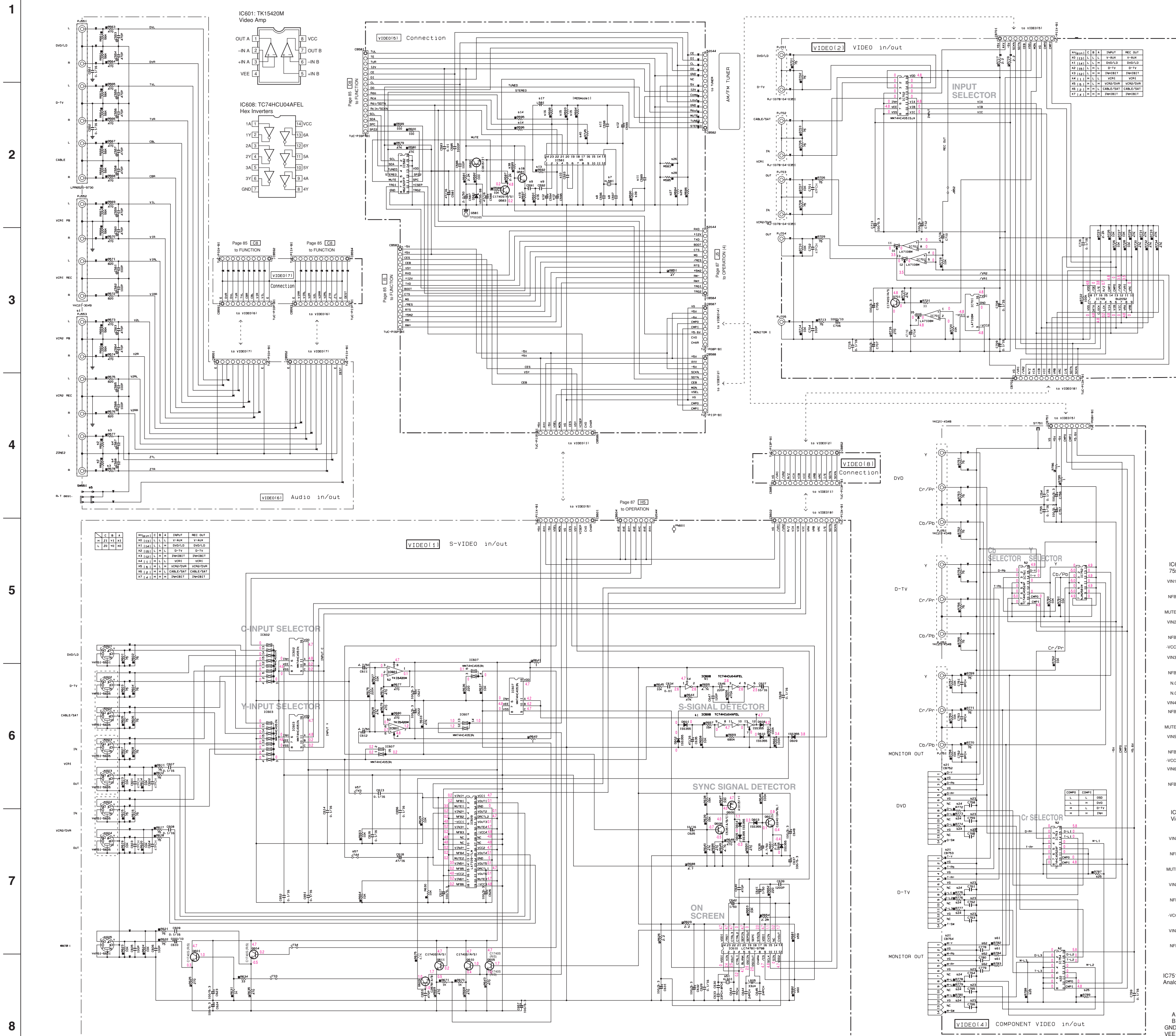
CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	H
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	H
⊗	CERAMIC TUBULAR CAPACITOR	
⊗	POLYESTER FILM CAPACITOR	
⊗	POLYSTYRENE FILM CAPACITOR	
○	MICA CAPACITOR	
⊗	POLYPROPYLENE FILM CAPACITOR	
⊗	RESIN-BASED FILM CAPACITOR	

Interchangeable Parts at Manufacture-Stage		
Mark	Reference Parts Number	Parts Name
A1	1C008	TC74HC044FPEL MK74HC04J45JX
A2	1C761-763-764	TC74HC4052AF MK74HC4052S2JX
A3	1C001-611	TK15420M AD0856AR

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NOTICE (mode)
(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
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SCHEMATIC DIAGRAM (VIDEO) RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300

RX-V2300/DSP-AX2300/RX-V1300/RX-V1300RDS/HTR-5590/DSP-AX1300



- ★ All voltages are measured with a 10MΩ/V DC electric volt meter.
- ★ 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。

REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=10)	NO MARK	ELECTRONIC CAPACITOR
NO MARK	CARBON FILM RESISTOR (P=10)	NO MARK	TANTALUM CAPACITOR
NO MARK	METAL FILM RESISTOR	NO MARK	CERAMIC CAPACITOR
NO MARK	METAL FILM RESISTOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	FILM PROOF CARBON FILM RESISTOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	MICA CAPACITOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	SEMI-CONDUCTOR	NO MARK	SEMI-CONDUCTOR
NO MARK	SEMI-CONDUCTOR	NO MARK	SEMI-CONDUCTOR

REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=10)	NO MARK	ELECTRONIC CAPACITOR
NO MARK	CARBON FILM RESISTOR (P=10)	NO MARK	TANTALUM CAPACITOR
NO MARK	METAL FILM RESISTOR	NO MARK	CERAMIC CAPACITOR
NO MARK	METAL FILM RESISTOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	FILM PROOF CARBON FILM RESISTOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	MICA CAPACITOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	SEMI-CONDUCTOR	NO MARK	SEMI-CONDUCTOR
NO MARK	SEMI-CONDUCTOR	NO MARK	SEMI-CONDUCTOR

REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=10)	NO MARK	ELECTRONIC CAPACITOR
NO MARK	CARBON FILM RESISTOR (P=10)	NO MARK	TANTALUM CAPACITOR
NO MARK	METAL FILM RESISTOR	NO MARK	CERAMIC CAPACITOR
NO MARK	METAL FILM RESISTOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	FILM PROOF CARBON FILM RESISTOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	MICA CAPACITOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	SEMI-CONDUCTOR	NO MARK	SEMI-CONDUCTOR
NO MARK	SEMI-CONDUCTOR	NO MARK	SEMI-CONDUCTOR

NOTICE (model)

(J) JAPAN
(U) U.S.A.
(C) CANADA
(S) SWITZERLAND
(T) THAILAND
(K) KOREA
(A) AUSTRALIA
(B) BRITISH
(L) LUXEMBOURG

INHIBIT	B	A
0	0	0x.0x.0x
0	0	1 1x.1x
0	1	0 2x.2x
0	1	1 3x.3x
1	X	X NONE

