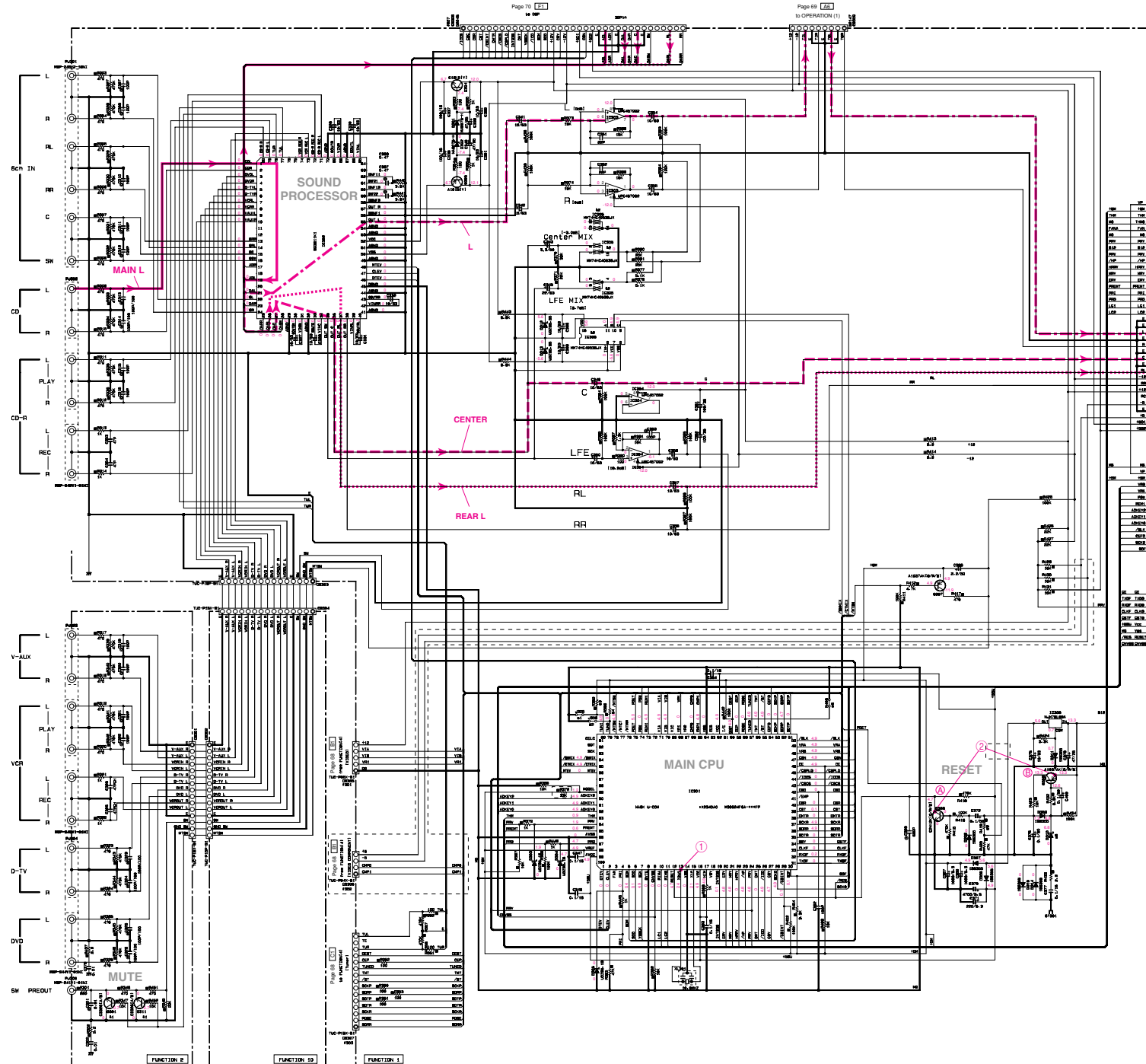


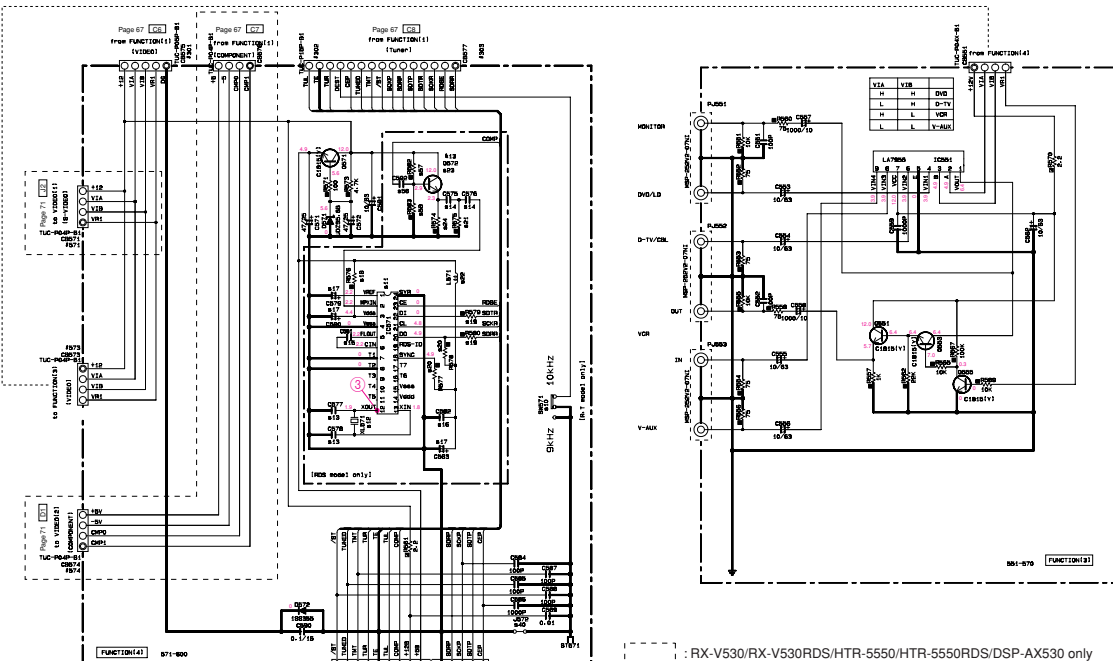
■ SCHEMATIC DIAGRAM (FUNCTION 1/2)

- 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。



■ SCHEMATIC DIAGRAM (FUNCTION 2/2)



: RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/DSP-AX530 only

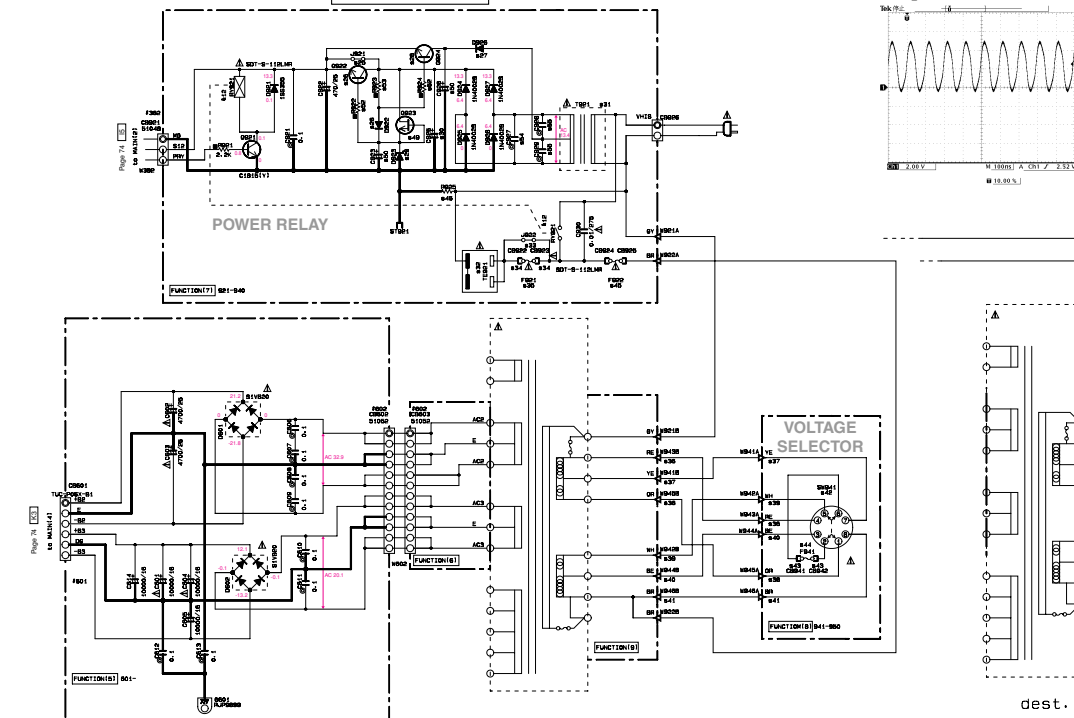
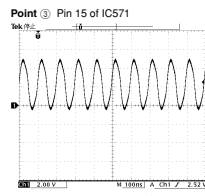
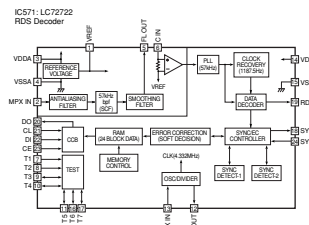
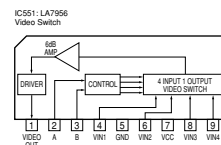
REMARKS	PARTS NAME	
NO MARK ELECTROLYTIC CAPACITOR	① TANTALUM CAPACITOR	①
NO MARK CERAMIC CAPACITOR	② CERAMIC TUBULAR CAPACITOR	②
③ POLYESTER FILM CAPACITOR	④ POLYETHYLENE FILM CAPACITOR	④
⑤ MIC CAPACITOR	⑥ POLYPROPYLENE FILM CAPACITOR	⑥
⑦ SEMICONDUCTIVE CERAMIC CAPACITOR	⑧ CHIP RESISTOR	⑧

REMARKS	PARTS NAME	
NO MARK CARBON FILM RESISTOR (P=10)	① CARBON FILM RESISTOR (P=10)	①
② METAL OXIDE FILM RESISTOR	③ METAL FILM RESISTOR	③
④ METAL PLATE RESISTOR	⑤ FINE PROOF CARBON FILM RESISTOR	⑤
⑥ CEMENT MOLDED RESISTOR	⑦ SEMI VARIABLE RESISTOR	⑦
⑧ CHIP RESISTOR		

NOTICE (model)

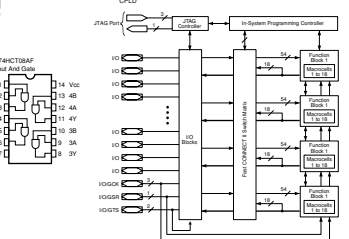
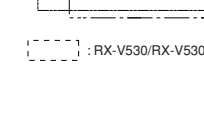
(J)..... JAPANESE
(U)..... U.S.A.
(C)..... CANADIAN
(R)..... GENERAL
(A)..... AUSTRALIAN
(B)..... BRITISH
(G)..... EUROPEAN
(T)..... CHINA
(L)..... SINGAPORE

Mark	Reference Parts Number	Parts Name
N10	RY801	80T-S-113L49 80T-S-113L49 AL8021
N13	8070	80C17408(1/2) 80C17408(1/2) 80C17408(1/2)
N14		80C17408(1/2) 80C17408(1/2) 80C17408(1/2)



		J	U-C	R-T	A	B	G	L	K
N10	80871	X	X		Y380A8 Y380A10	X		X	X
N11	12871	X	X	X	X	LC7759 Y325A2	LC7759 Y325A2	X	X
N12	14871	X	X	X	X	A.338A1 Y38090	A.338A1 Y38090	X	X
N13	1277-878	X	X	X	X	275G1 Y37610	275G1 Y37610	X	X
N14	1278-878	X	X	X	X	350A U80A55	350A U80A55	X	X
N15	1281	X	X	X	X	860P U80876	860P U80876	X	X
N16	1282	X	X	X	X	6.118 U51819	6.118 U51819	X	X
N17	1278-585-583	X	X	X	X	47/78 U80247	47/78 U80247	X	X
N18	1279	X	X	X	X	100 R03810	100 R03810	X	X
N19	1279-580	X	X	X	X	47D R03847	47D R03847	X	X
N20	1277-878	X	X	X	X	10K R03810	10K R03810	X	X
N21	1278	X	X	X	X	20K R03810	20K R03810	X	X
N22	14871	X	X	X	X	200A1 U80890	200A1 U80890	X	X
N23	8079	X	X	X	X	1C17A8 U117A8	1C17A8 U117A8	X	X
N24	1274	X	X	X	X	3.3K R03853	3.3K R03853	X	X
N25	4081	G	G	X	G	G	G	G	G
N26	8080-804	X	X		0.898A1/1 Y10080	X	X	X	X
N27	8086	X	X		Y40026 Y32776	X	X	X	X
N28	8083	X	X		18330 Y32590	X	X	X	X
N29	8083	X	X		480108 Y117080	X	X	X	X
N30	8085	X	X		16/100 U808710	X	X	X	X
N31	7081	Y4805	Y4806	Y8874	Y4808	Y4809	Y4809	Y4809	Y4808
N32	7081	Y48410	Y48410	Y488740	Y18100	Y48430	Y48430	Y48430	Y48430
N33	4087					G	G	X	X
N34	CR080-803	X	X	X	X	X	Y480860	Y480860	
N35	7081	X	X	X	X	X	TS.34A290V Y184090	TS.34A290V Y184090	
N36	Y843	X	X		Y408E14	X	X	X	X
N37	4081	X	X		Y404880	X	X	X	X
N38	Y845	X	X		Y403820	X	X	X	X
N39	Y842	X	X		Y408E18	X	X	X	X
N40	Y844	X	X		Y408830	X	X	X	X
N41	Y846	X	X		Y401833	X	X	X	X
N42	80A41	X	X		Y718250	X	X	X	X
N43	CR041-840	X	X		Y400860	X	X	X	X
N44	70A1	X	X		TS.15A120V Y800078	X	X	X	X
N45	7080	Y4189V Y480890	Y4189V Y480890	Y4189V Y480890	TS.15A120V Y800078	TS.15A120V Y800078	TS.15A120V Y800078	TS.15A120V Y800078	TS.15A120V Y800078
N46	8020	X	Y120K.3K Y873000	X	X	X	X	X	X
N47									
N48	8083	X	X		48A71V 1E16880	X	X	X	X
N49	CR05-805	X	16/83 U80710	X	X	X	X	X	X
N50	8080-804	X	X		100 R03810	X	X	X	X
N51	8083	X	X		8A R038738	X	X	X	X
N52	CR07	G-01 U80A410	G-01 U80A410	X	G-01 U80A410	G-01 U80A410	G-01 U80A410	G-01 U80A410	G-01 U80A410
N53	CR08-808	X	X		G-01 U80A410	X	X	X	X
N54	CR09	X	X	X	X	160P U80A216	160P U80A216	X	X
N55	CR06	X	X		10K R038010	10K R038010	10K R038010	X	X
N56	CR03	X	X	X	X	33K R038733	33K R038733	X	X
N57	Y847	X	X	X	X	X	X	X	808007

■ SCHEMATIC DIAGRAM (DSP)

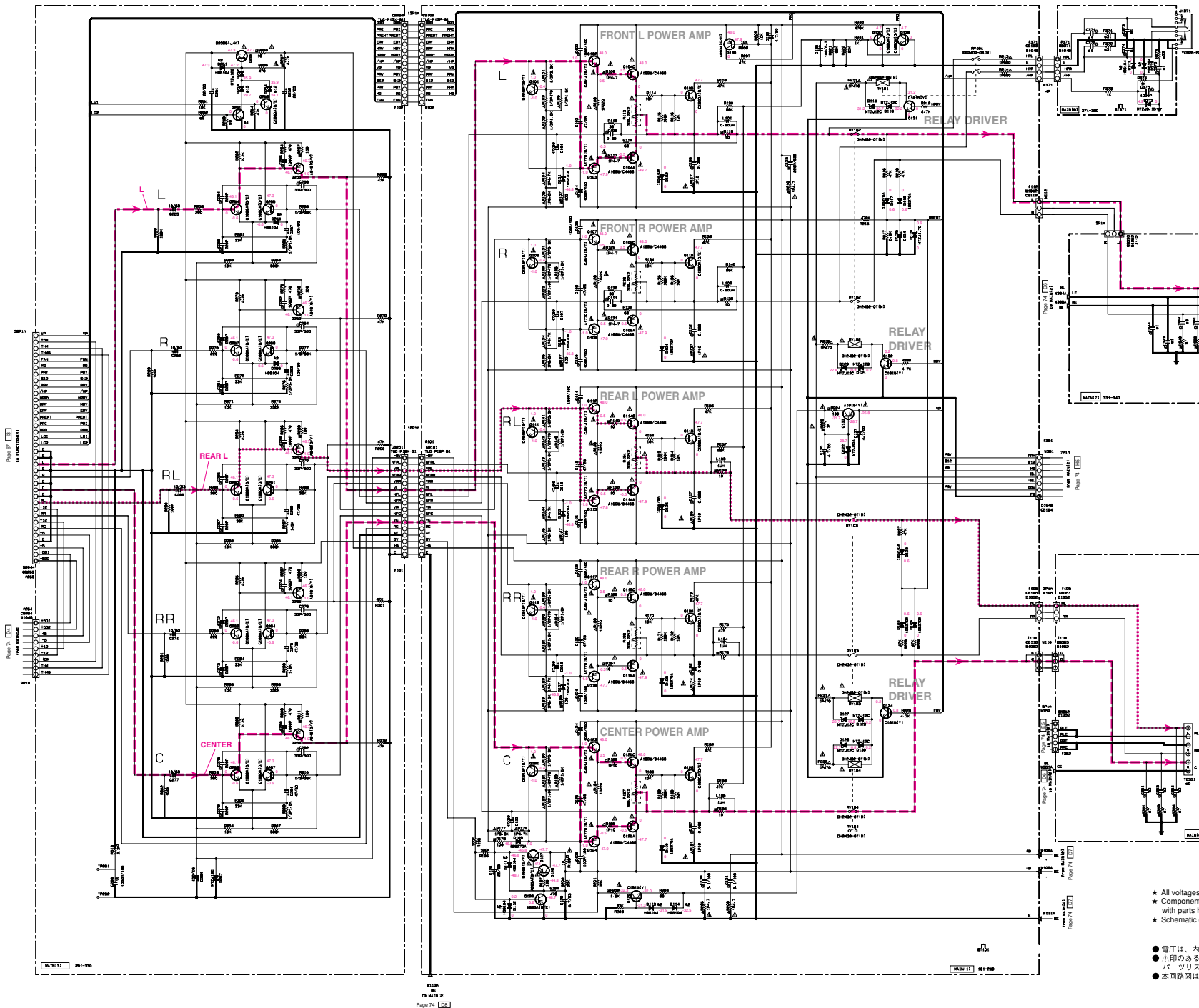
Page 67 **E1**
to EUNCTION / 1

J model only
(DSP-AX530/DSP-AX430)

- ★ All voltages are measured with a 10M Ω /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10M Ω 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 1/2)

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/DSP-AX530/RX-V430RDS/HTR-5540RDS only



NOTICE (model)

(J)..... JAPANESE
(U)..... U.S.A.
(C)..... CANADIAN
(R)..... GERMANY
(A)..... AUSTRALIAN
(B)..... BRITISH
(E)..... EUROPEAN
(T)..... CHINA
(L)..... SINGAPORE

CAPACITOR

REMARKS	PARTS NAME	
NO MAIN	ELECTROLYTIC CAPACITOR	EL
○	TANTALUM CAPACITOR	
NO MAIN	CERAMIC CAPACITOR	
○	CERAMIC TUNABLE CAPACITOR	
○	POLYESTER FILM CAPACITOR	
○	POLYPROPYLENE FILM CAPACITOR	
○	MICA CAPACITOR	
○	POLYIMIDE FILM CAPACITOR	
○	SEMI-CONDUCTIVE CERAMIC CAPACITOR	
○	POLYIMIDE FILM CAPACITOR	

RESISTOR

REMARKS	PARTS NAME	
NO MAIN	CARBON FILM RESISTOR (P-10)	
○	CARBON FILM RESISTOR (P-10)	
△	METAL FILM RESISTOR	
○	METAL PLATE RESISTOR	
○	FINE PITCH CARBON FILM RESISTOR	
○	CEMENT MOUNTED RESISTOR	
■	CHIP RESISTOR	

Interchangeable Parts at Manufacture Stage			
Part	Reference Part Number	Part Name	
M	D111-114-001-000-000	40004	
	071-070	10000	
		10010	

Model		R.T.K.A.		B.G.L.	
Model No.		J	U.C.		
1	C245-344 271-374, 376	X	X	0.01 [JAN5410]	0.01 [JAN5410]
3	C241-342 351, 353, 354	X	X	0.002 [JAN5402]	0.002 [JAN5402]
4	Q201	X	X	C10000000 [JAN5401]	C10000000 [JAN5401]
5	Q202	X	X	47K [JAN5401]	47K [JAN5401]
6	Q203	X	X	10K [JAN5401]	10K [JAN5401]
7	R230-340 351, 353, 354	X	X	2.2 [JAN5401]	2.2 [JAN5401]
9	TE301			1700010-1000 [JAN5401]	1700010-1000 [JAN5401]
10	TE301			1700010-1000 [JAN5401]	1700010-1000 [JAN5401]
11					
12	D204			MT2J100 [JAN5401]	MT2J100 [JAN5401]
13	D205	X	X	MT2J100 [JAN5401]	MT2J100 [JAN5401]
31	R271, 372	X	X	4.7 [JAN5401]	4.7 [JAN5401]
33	R270	X	X	2.2 [JAN5401]	2.2 [JAN5401]

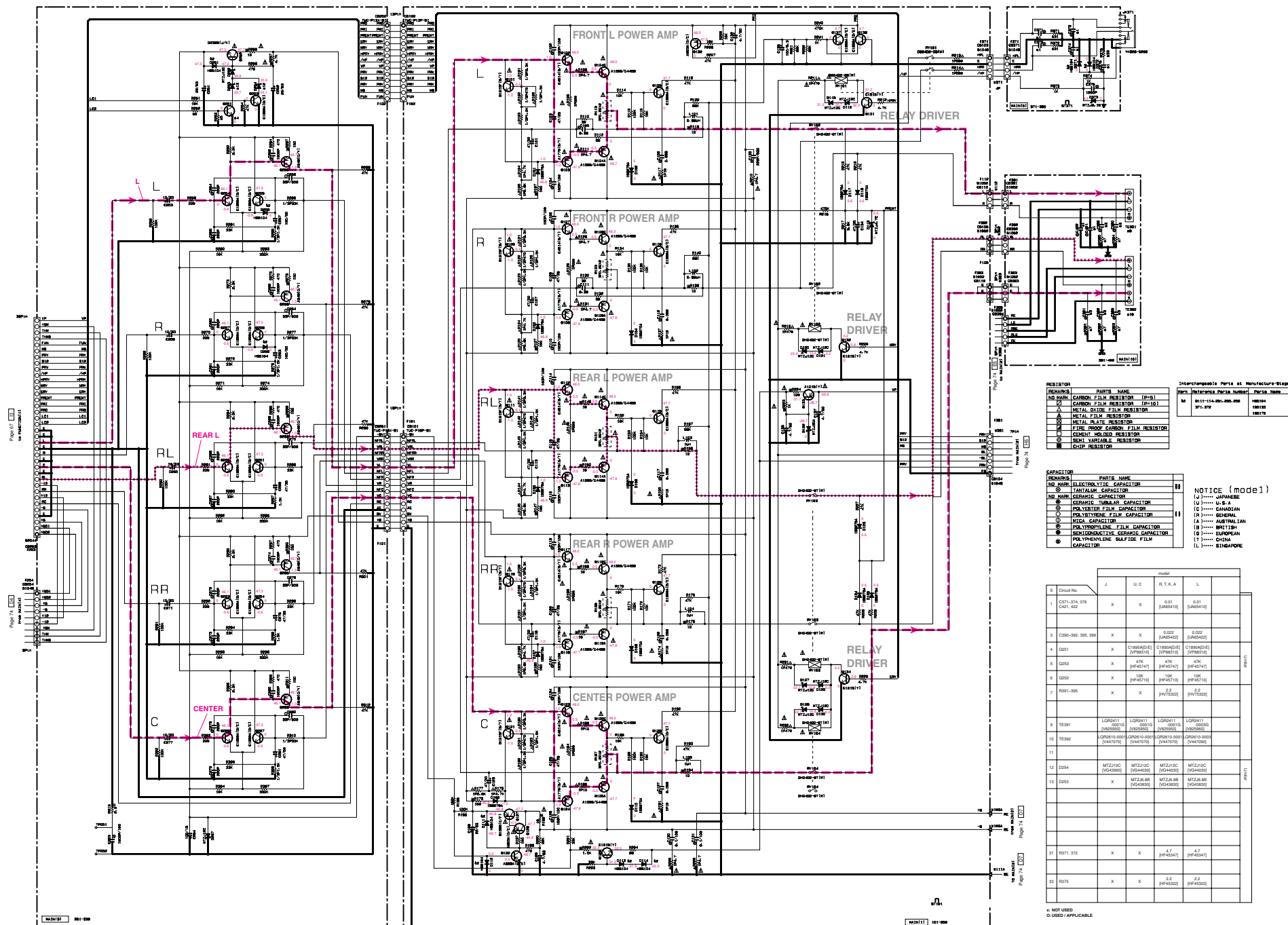
X: NOT USED
○: USED / APPLICABLE

★ 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。

■ SCHEMATIC DIAGRAM (MAIN 1/2) RX-V530/HTR-5540/DSP-AX430 only

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/DSP-AX530
RX-V430/RX-V430RDS/HTR-5540/HTR-5540RDS/DSP-AX430



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

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/DSP-AX530
RX-V430/RX-V430RDS/HTR-5540/HTR-5540RDS/DSP-AX430

■ SCHEMATIC DIAGRAM / (MAIN 2/2)

RESISTOR

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

CAPACITOR

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

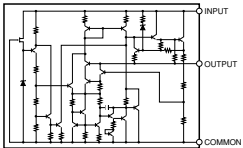
NOTICE (model)

(J)..... JAPANESE
(U)..... U. S. A
(C)..... CANADIAN
(R)..... GENERAL
(A)..... AUSTRALIAN
(B)..... BRITISH
(G)..... EUROPEAN
(T)..... CHINA
(L)..... SINGAPORE

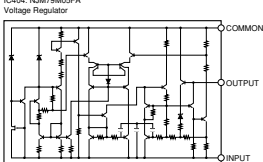
S	Circuit No.	J	U. C. R. T. K A. B. G. L
21	J381, 382	D	X
22	SW381	X	SL13B-022AMCS [V410420]

X: NOT USED
O: USED/APPLICABLE

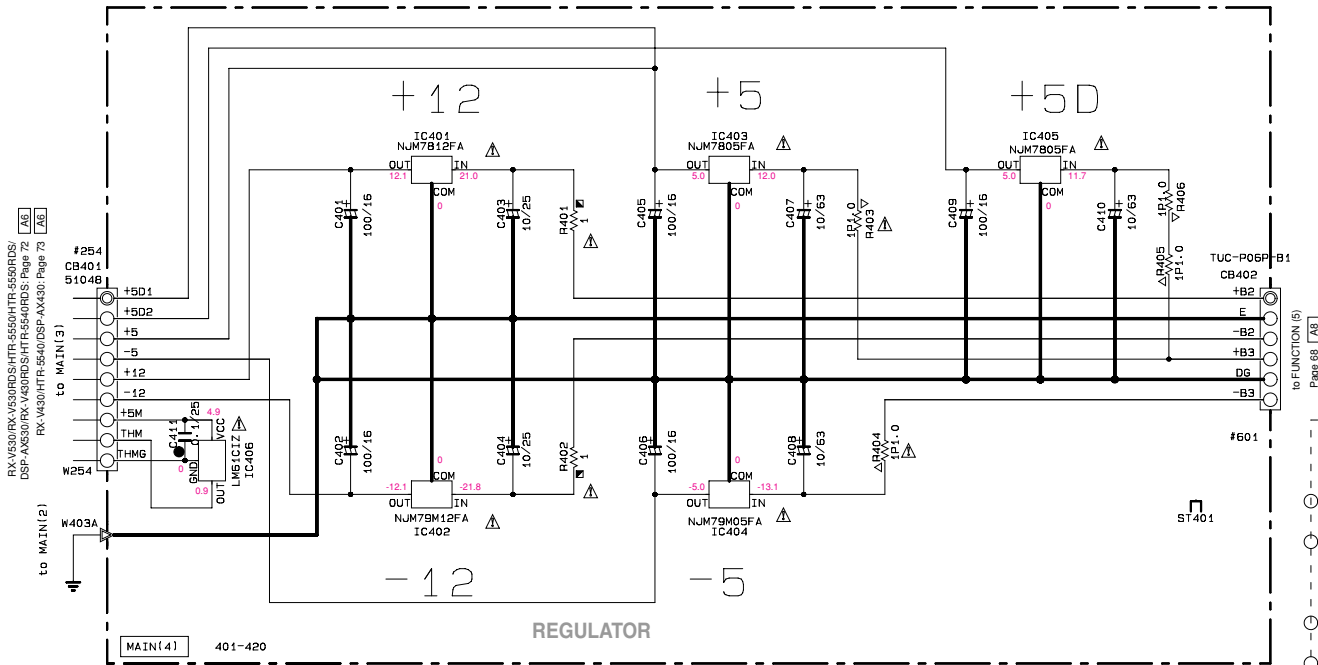
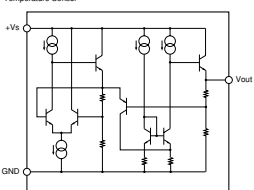
IC401: NJM7812FA
IC403, 405: NJM7805FA
Voltage Regulator



IC402: NJM79M12FA
IC404: NJM79M05FA
Voltage Regulator



IC406: LM61C1Z
Temperature Sensor



RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/
DSP-AX530/RX-V430RDS/HTR-5540RDS: Page 72 to MAIN (8)
RX-V430/HTR-5540/DSP-AX430: Page 73 to MAIN (10)

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/
DSP-AX530/RX-V430RDS/HTR-5540RDS: Page 72
RX-V430/HTR-5540/DSP-AX430: Page 73

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/
DSP-AX530/RX-V430RDS/HTR-5540RDS only: Page 72

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/
DSP-AX530/RX-V430RDS/HTR-5540RDS only: Page 72

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/
DSP-AX530/RX-V430RDS/HTR-5540RDS: Page 72
RX-V430/HTR-5540/DSP-AX430: Page 73

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/
DSP-AX530/RX-V430RDS/HTR-5540RDS: Page 72
RX-V430/HTR-5540/DSP-AX430: Page 73

RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/
DSP-AX530/RX-V430RDS/HTR-5540RDS: Page 72
RX-V430/HTR-5540/DSP-AX430: Page 73

