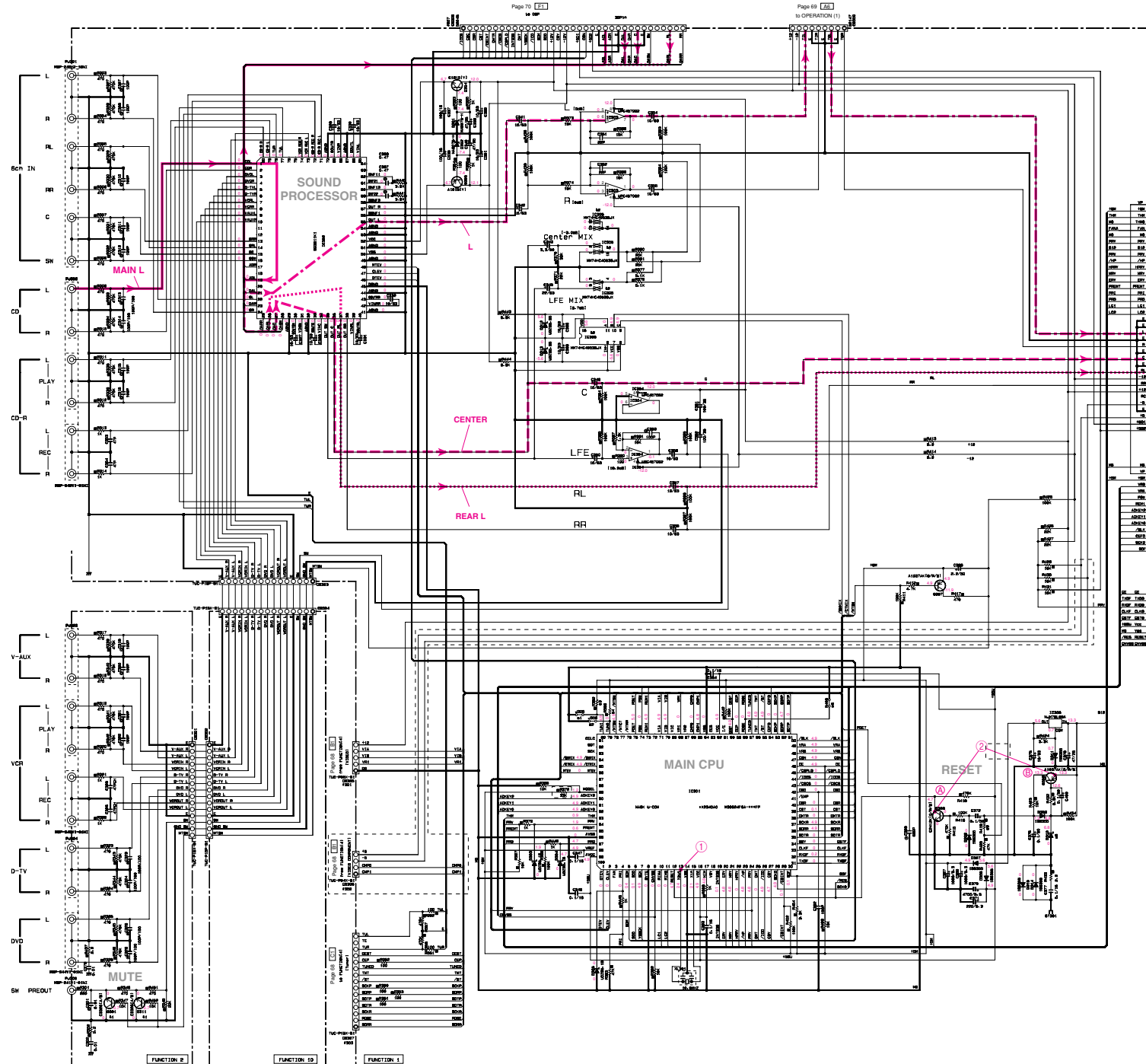


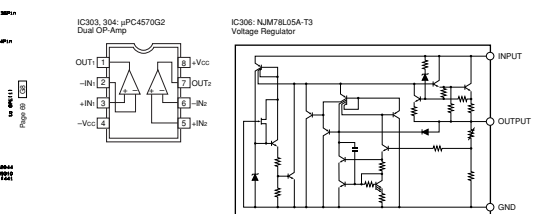
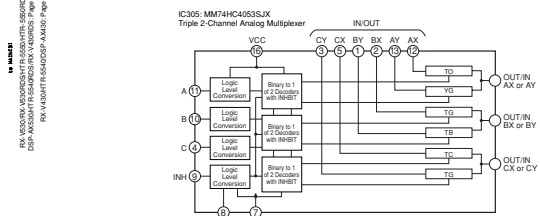
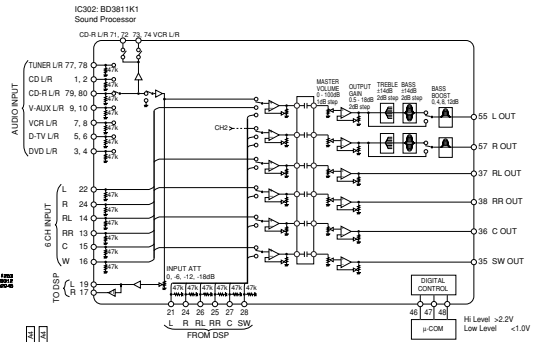
■ SCHEMATIC DIAGRAM (FUNCTION 1/2)

- 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。



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

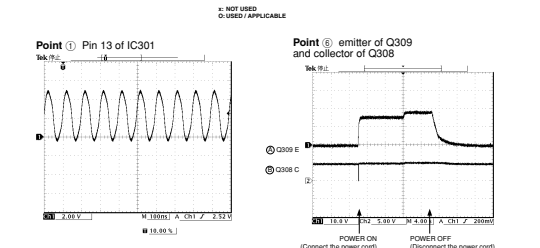


CAPACITOR	REMARK	PARTS NAME	REMARK	PARTS NAME
NO MARK	NO MARK	ELECTROLYTIC CAPACITOR	NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	NO MARK	TANTALUM CAPACITOR	NO MARK	TANTALUM CAPACITOR
NO MARK	NO MARK	CERAMIC CAPACITOR	NO MARK	CERAMIC CAPACITOR
NO MARK	NO MARK	CERAMIC TUNABLE CAPACITOR	NO MARK	CERAMIC TUNABLE CAPACITOR
NO MARK	NO MARK	POLYMER FILM CAPACITOR	NO MARK	POLYMER FILM CAPACITOR
NO MARK	NO MARK	POLYESTER FILM CAPACITOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	NO MARK	MYLAR CAPACITOR	NO MARK	MYLAR CAPACITOR
NO MARK	NO MARK	POLYPROPYLENE FILM CAPACITOR	NO MARK	POLYPROPYLENE FILM CAPACITOR
NO MARK	NO MARK	NONCONDUCTIVE CERAMIC CAPACITOR	NO MARK	NONCONDUCTIVE CERAMIC CAPACITOR

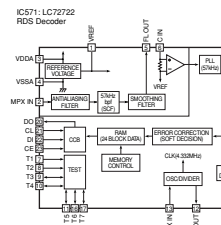
NOTICE (model)

(J) JAPANESE
(U) U.S.A.
(C) CANADIAN
(B) BRITISH
(A) AUSTRALIAN
(E) EUROPEAN
(I) ITALIAN
(L) LITHUANIAN

TRAPACAPACITOR	REMARK	PARTS NAME	REMARK	PARTS NAME
NO MARK	NO MARK	ELECTROLYTIC CAPACITOR	NO MARK	ELECTROLYTIC CAPACITOR
NO MARK	NO MARK	TANTALUM CAPACITOR	NO MARK	TANTALUM CAPACITOR
NO MARK	NO MARK	CERAMIC CAPACITOR	NO MARK	CERAMIC CAPACITOR
NO MARK	NO MARK	CERAMIC TUNABLE CAPACITOR	NO MARK	CERAMIC TUNABLE CAPACITOR
NO MARK	NO MARK	POLYMER FILM CAPACITOR	NO MARK	POLYMER FILM CAPACITOR
NO MARK	NO MARK	POLYESTER FILM CAPACITOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	NO MARK	MYLAR CAPACITOR	NO MARK	MYLAR CAPACITOR
NO MARK	NO MARK	POLYPROPYLENE FILM CAPACITOR	NO MARK	POLYPROPYLENE FILM CAPACITOR
NO MARK	NO MARK	NONCONDUCTIVE CERAMIC CAPACITOR	NO MARK	NONCONDUCTIVE CERAMIC CAPACITOR



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



X: NOT USED
O: USED / APPLICABLE

- 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。

■ SCHEMATIC DIAGRAM (OPERATION)

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

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
⊙	CERAMIC TUBULAR CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
⊖	POLYSTYRENE FILM CAPACITOR
①	MICA CAPACITOR
Ⓟ	POLYPROPYLENE FILM CAPACITOR
Ⓢ	SEMICONDUCTIVE CERAMIC CAPACITOR
Ⓢ	POLYPHENYLENE SULFIDE FILM CAPACITOR

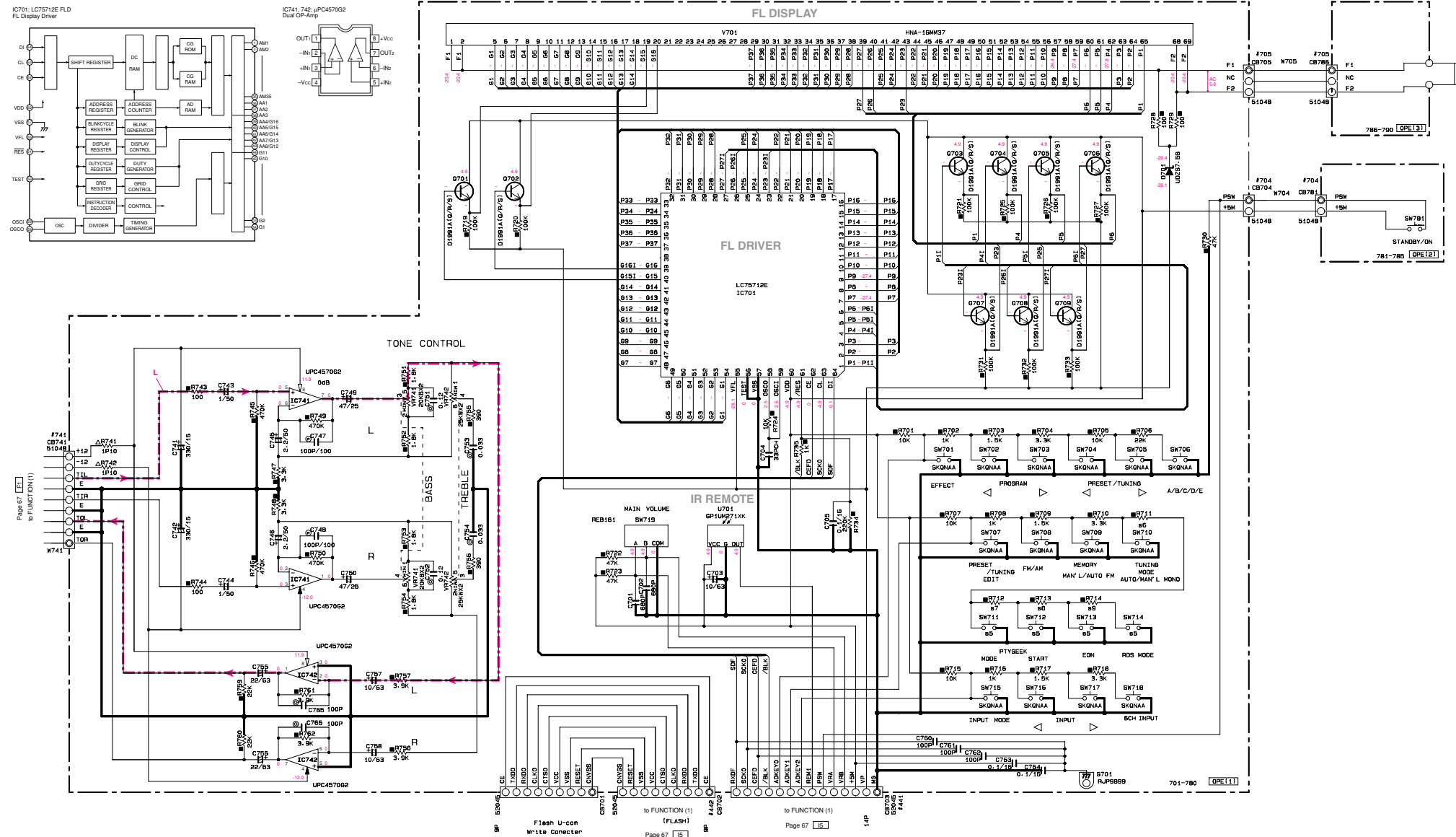
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
⊗	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▲	METAL FILM RESISTOR
⊠	METAL PLATE RESISTOR
⊠	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊗	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

NOTICE (model)

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

	J-U-C-R-T K-A-L	B-G
#5	SW711-714	×
#6	R711	×
#7	R712	×
#8	R713	×
#9	R714	×

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

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P-6)
○	CARBON FILM RESISTOR (P-10)
△	METAL OXIDE FILM RESISTOR
□	METAL FILM RESISTOR
◇	METAL PLATE RESISTOR
○	FINE POWER CARBON FILM RESISTOR
○	CONV. HO. AND RESISTOR
○	TRIM. VARIABLE RESISTOR
○	TRIM. VARIABLE RESISTOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

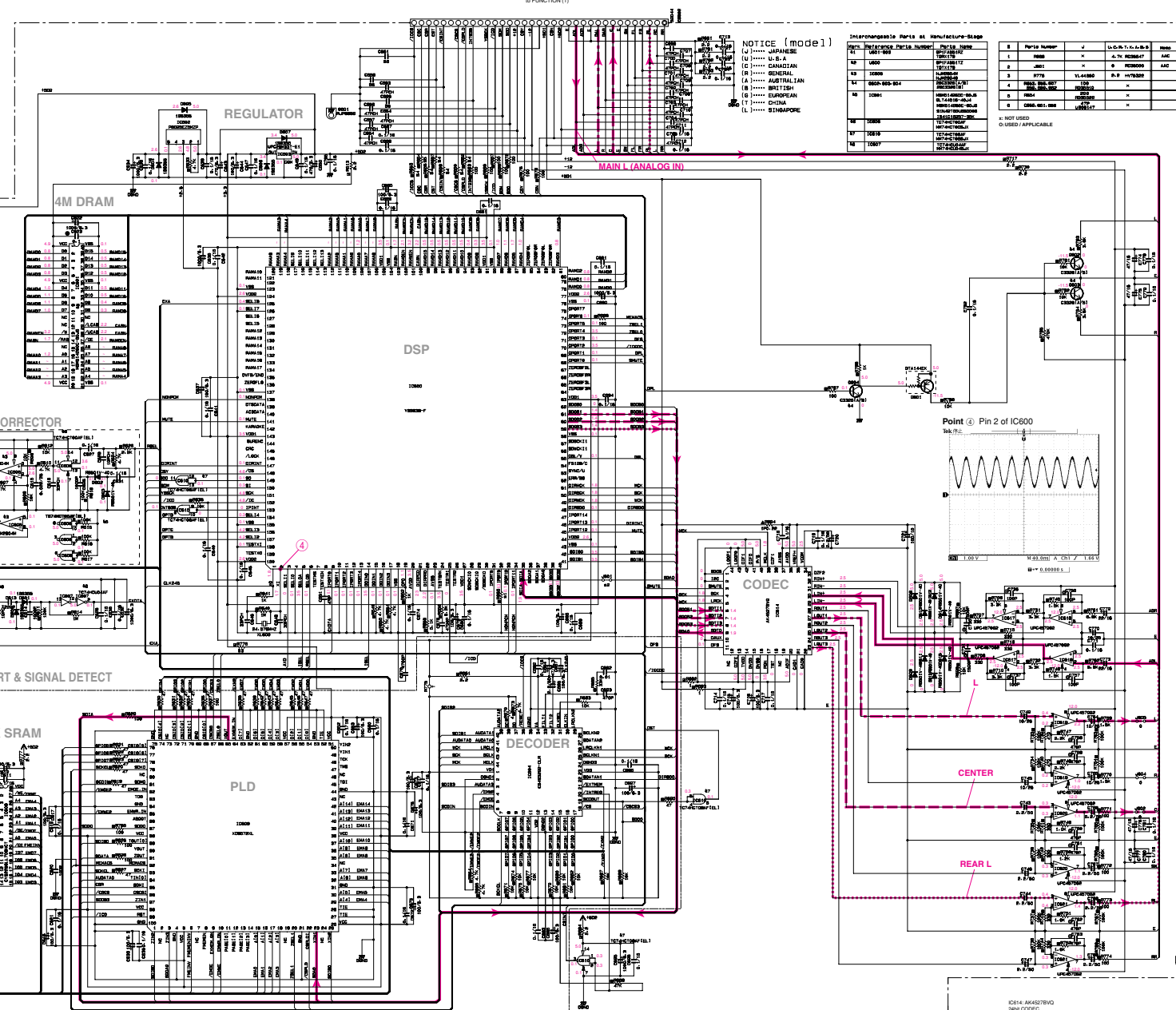
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

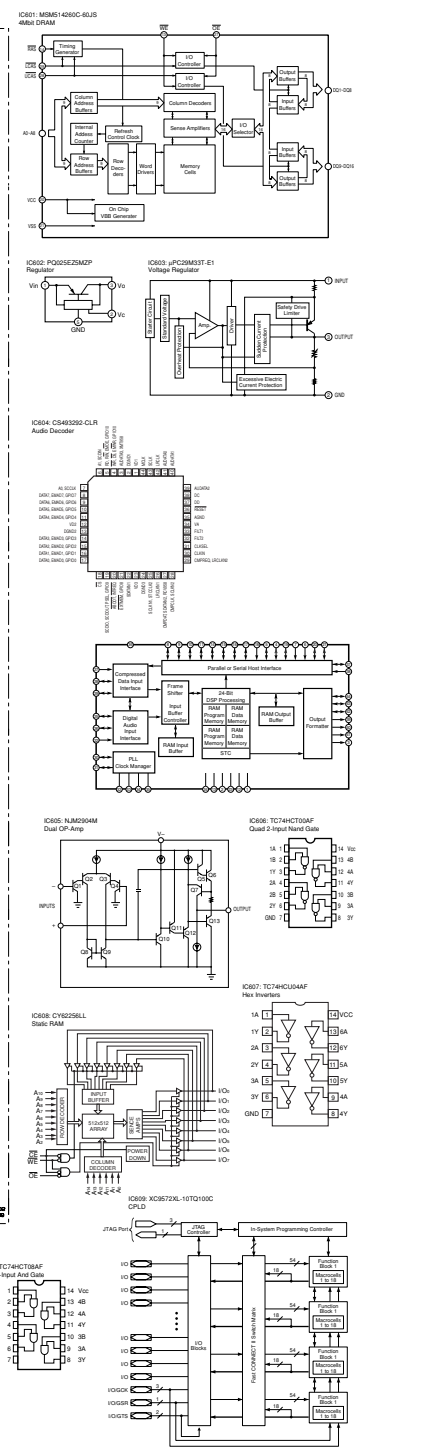
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR

REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUNING CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYETHYLENE FILM CAPACITOR
○	NICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	PERFORMANCE CERAMIC CAPACITOR
○	POLYETHYLENE SULFIDE FILM CAPACITOR



NOTICE (model)
(J) JAPANESE
(U) U.S.A.
(C) CANADIAN
(A) AUSTRALIAN
(B) BRITISH
(S) SINGAPORE
(T) CHINA
(L) SINGAPORE

Part Number	Part Name	Part Number	Part Name
1	IC600	1	IC600
2	IC601	2	IC601
3	IC602	3	IC602
4	IC603	4	IC603
5	IC604	5	IC604
6	IC605	6	IC605
7	IC606	7	IC606
8	IC607	8	IC607
9	IC608	9	IC608
10	IC609	10	IC609
11	IC610	11	IC610
12	IC611	12	IC611
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16	IC615	16	IC615
17	IC616	17	IC616
18	IC617	18	IC617
19	IC618	19	IC618
20	IC619	20	IC619
21	IC620	21	IC620
22	IC621	22	IC621
23	IC622	23	IC622
24	IC623	24	IC623
25	IC624	25	IC624
26	IC625	26	IC625
27	IC626	27	IC626
28	IC627	28	IC627
29	IC628	29	IC628
30	IC629	30	IC629
31	IC630	31	IC630
32	IC631	32	IC631
33	IC632	33	IC632
34	IC633	34	IC633
35	IC634	35	IC634
36	IC635	36	IC635
37	IC636	37	IC636
38	IC637	38	IC637
39	IC638	39	IC638
40	IC639	40	IC639
41	IC640	41	IC640
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45	IC644	45	IC644
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73	IC672	73	IC672
74	IC673	74	IC673
75	IC674	75	IC674
76	IC675	76	IC675
77	IC676	77	IC676
78	IC677	78	IC677
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92	IC691	92	IC691
93	IC692	93	IC692
94	IC693	94	IC693
95	IC694	95	IC694
96	IC695	96	IC695
97	IC696	97	IC696
98	IC697	98	IC697
99	IC698	99	IC698
100	IC699	100	IC699



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

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

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● 本回路図は標準回路図です。改良のため予告なく変更することがございます。

NOTICE (model)

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

CAPACITOR	
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
②	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
②	CERAMIC TUBULAR CAPACITOR
②	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
①	NICA CAPACITOR
②	POLYPROPYLENE FILM CAPACITOR
●	SEMICONDUCTIVE CERAMIC CAPACITOR
②	POLYPHENYLENE SULFIDE FILM CAPACITOR

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
☒	FINE PROOF CARBON FILM RESISTOR
☒	CEMENT HOLED RESISTOR
☒	SEMI VARIABLE RESISTOR

Interchangeable Parts at Manufacture-Stg.

Mark	Inference Parts Number	Parts Name
40	0111-114.201.205.205 371.372	+00104 100123

S	Circuit No.	mode				
		J	I	C	R, T, K, A	B, G, L
2	C243, 344 D71-324, 376	X	X	X	0.01 [J465421]	0.01 [J465413]
3	C241, 342 351, 353, 354	X	X	X	0.03 [J465421]	0.03 [J465413]
4	Q251	X	C1686A(0.5) [J465413]	X	C1686A(0.5) [J465413]	C1686A(0.5) [J465413]
5	Q253	X	47K [J465421]	X	47K [J465421]	47K [J465421]
6	Q252	X	10K [J465413]	X	10K [J465413]	10K [J465413]
7	R233, 340 351, 353, 354	X	X	X	2.2 [J473202]	2.2 [J473202]
9	TE351	X	L73070-1000 [J467713]	L73070-1000 [J467713]	L73070-1000 [J467713]	L73070-1007 [J467263]
10	TE331	X	L730410-3001 [J464299]	L730410-3011 [J464299]	L730410-3011 [J464299]	L730410-3009 [J464299]
11						
12	D254	X	MT2J10C [J454350]	MT2J13C [J454350]	MT2J13C [J454350]	MT2J13C [J454350]
13	D253	X	MT2J18B [J454350]	MT2J18B [J454350]	MT2J18B [J454350]	MT2J18B [J454350]
31	R271, 372	X	X	X	4.7 [J465421]	4.7 [J465421]
33	R375	X	X	X	2.2 [J465421]	2.2 [J465421]

X: NOT USED
Q: USED / APPLICABLE

- ★ 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。

- 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。

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
⊖	MICA CAPACITOR
⊕	POLYPROPYLENE FILM CAPACITOR
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR

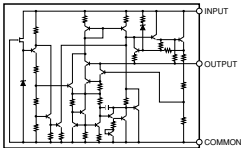
NOTICE (model)

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

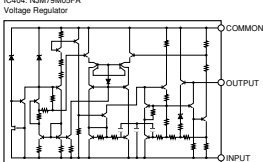
S	Circuit No.	J	U. C. R. T. K A. B. G. L
21	J381, 382	D	X
22	SW381	X	SL13B-022AMCS [V410420]

X: NOT USED
O: USED / APPLICABLE

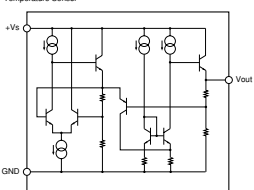
IC401: NJM7812FA
IC403, 405: NJM7805FA
Voltage Regulator



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

RX-V430/HTR-5540/DSP-AX430: Page 73

to MAIN(3)

to MAIN(2)

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

to MAIN(1)

from FUNCTION (7)

