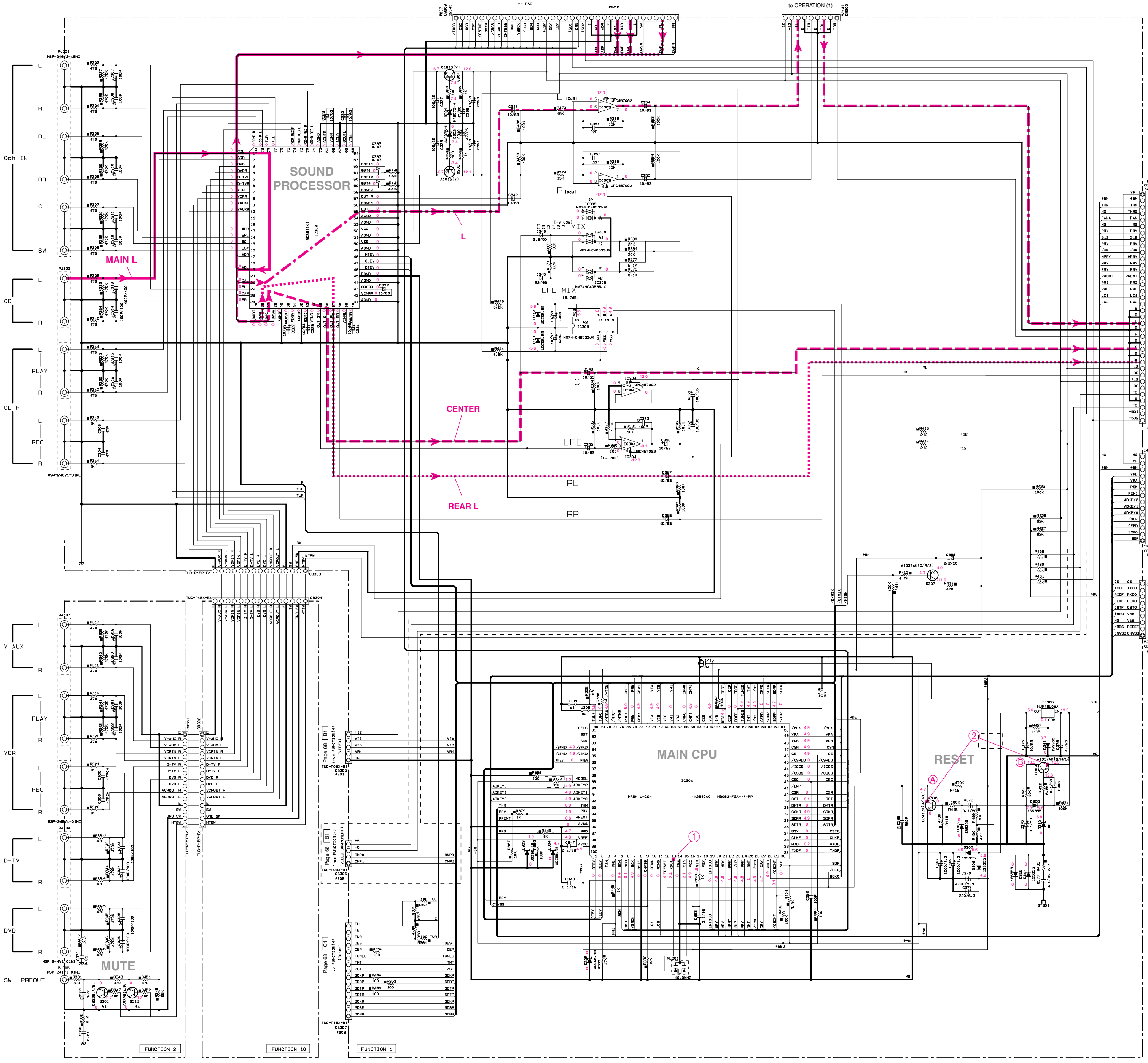
■ SCHEMATIC DIAGRAM (FUNCTION 1/2)

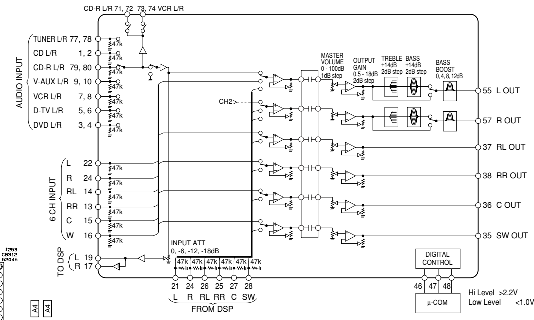
★ All voltages are measured with a 10MΩ/V DC electric volt meter.
★ Components having special characteristics are marked ⚠ and must be replaced with parts having specifications equal to those originally installed.
★ Schematic diagram is subject to change without notice.

● 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。
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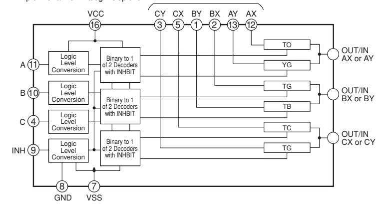


: RX-V530/RX-V530RDS/HTR-5550/HTR-5550RDS/DSP-AX530 only

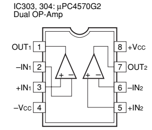
IC302: BD3811K1
Sound Processor



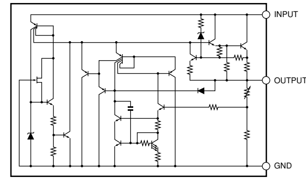
IC305: MM74HC4053SJX
Triple 2-Channel Analog Multiplexer



IC303, 304: μPC4570G2
Dual OP-Amp



IC306: NJM78L05A-T3
Voltage Regulator



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

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

Interchangeable Parts at Manufacture-Stage

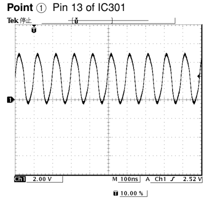
Mark	Reference Parts Number	Parts Name
&1	Q301,311	2SC3326(A/B) 2SC3326(B)
&2	IC305	MM74HC4053SJX TC74HC4053AF

Destination

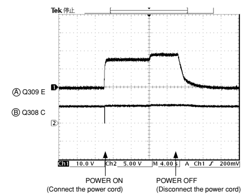
		J	U·C	R·T·K	A·L	B·G
s1	J305	○	○	×	×	×
s2	J306	○	×	×	○	○
s3	R382	×	×	100K RD35810	100K RD35810	100K RD35810
s4	R386	×	100K RD35810	100K RD35810	×	×
s5						
s6	R409	0 RD35000	0 RD35000	0 RD35000	0 RD35000	×
s8	D310	UDZS6.8B VU17220	UDZS6.8B VU17220	UDZS6.2B VU17210	UDZS6.8B VU17220	UDZS6.8B VU17220
s9	R419	22K RD35722	22K RD35722	15K RD35715	22K RD35722	22K RD35722

x: NOT USED
O: USED / APPLICABLE

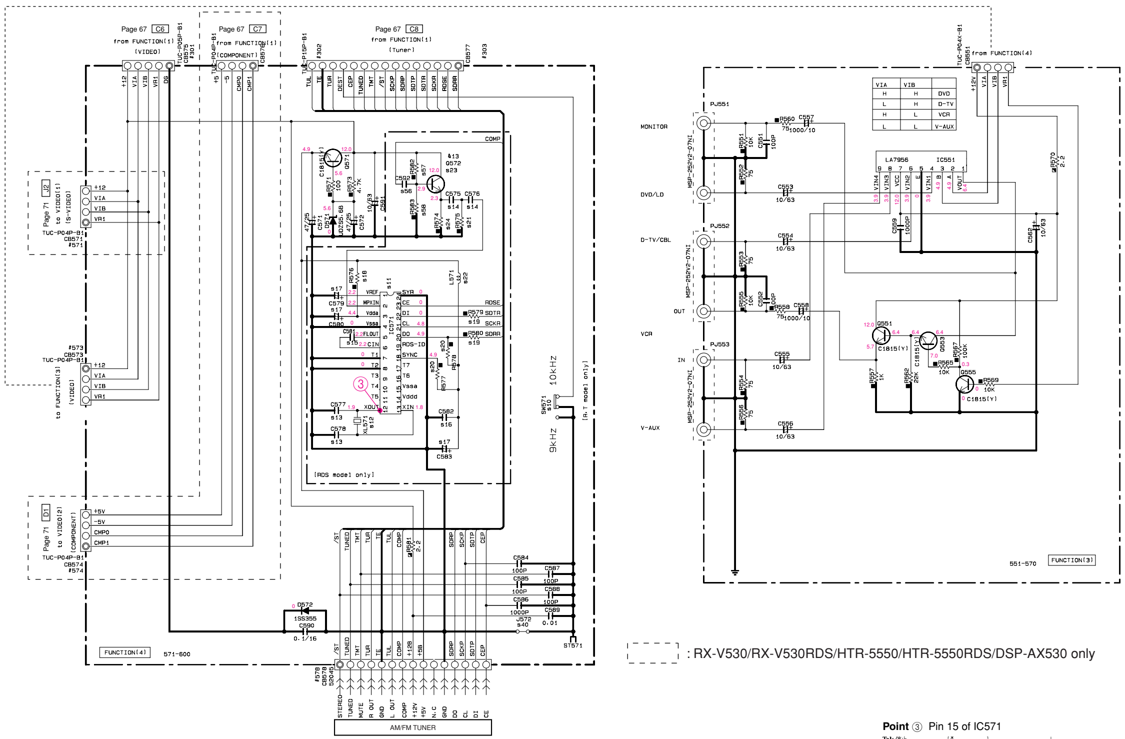
Point ① Pin 13 of IC301



Point ⑥ emitter of Q309 and collector of Q308



■ SCHEMATIC DIAGRAM (FUNCTION 2/2)



VIA	VIB	
H	H	DVD
L	H	D-TV
H	L	VCR
L	L	V-AUX

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	

RESISTOR

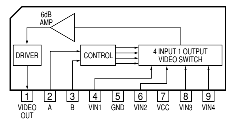
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
⍁	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
⚠	METAL FILM RESISTOR
⊠	METAL PLATE RESISTOR
◪	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊘	SEMI VARIABLE RESISTOR
▤	CHIP RESISTOR

NOTICE (model)
(J)····· JAPANESE
(U)····· U.S.A
(C)····· CANADIAN
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(A)····· AUSTRALIAN
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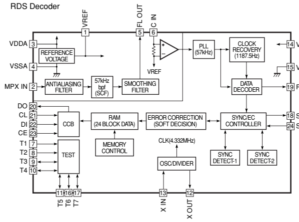
Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
&11		
&12	RY921	SDT-S-112LMR DG12D1-0[M]II ALKS321
&13	Q572	2SC1740S[R/S] 2SC2603[E/F] 2SC3311A[Q/R/S]
&14		

IC551: LA7956
Video Switch



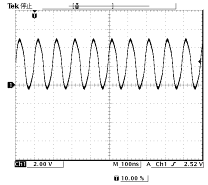
IC571: LC72722
RDS Decoder

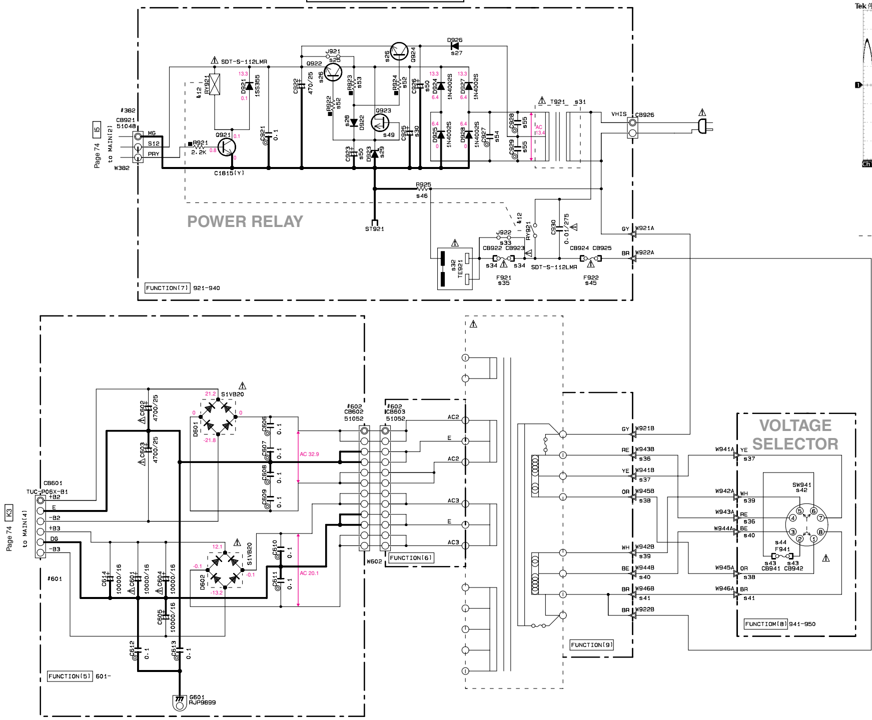


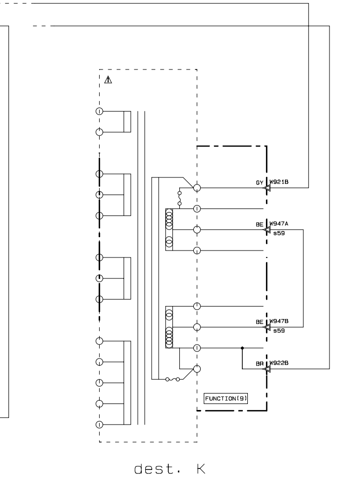
		J	U·C	R·T	A	B	G	L	K
s10	SW571	x	x	P022MJB V362430	x	x	x	x	x
s11	IC571	x	x	x	x	LC72722 XY534A0	LC72722 XY534A0	x	x
s12	XL571	x	x	x	x	4.332MHz V393090	4.332MHz V393090	x	x
s13	C577,578	x	x	x	x	27PCH VA76110	27PCH VA76110	x	x
s14	C575,576	x	x	x	x	330P US06233	330P US06233	x	x
s15	C581	x	x	x	x	560P US06256	560P US06256	x	x
s16	C582	x	x	x	x	0.1/16 US13510	0.1/16 US13510	x	x
s17	C579,580,583	x	x	x	x	47/25 UR83747	47/25 UR83747	x	x
s18	R576	x	x	x	x	100 RD35510	100 RD35510	x	x
s19	R579,580	x	x	x	x	470 RD35547	470 RD35547	x	x
s20	R577,578	x	x	x	x	10K RD35710	10K RD35710	x	x
s21	R575	x	x	x	x	22K RD35722	22K RD35722	x	x
s22	L571	x	x	x	x	220uH VU88950	220uH VU88950	x	x
s23	Q572	x	x	x	x	IC17402	IC17402	x	x
s24	R574	x	x	x	x	3.3K RD35633	3.3K RD35633	x	x
s25	J921	0	0	x	0	0	0	0	o
s26	Q922,924	x	x	D2396[J/K] VR51080	x	x	x	x	x
s27	D926	x	x	1N4002S VV30770	x	x	x	x	x
s28	D922	x	x	1SS355 VT33290	x	x	x	x	x
s29	D923	x	x	UDZ13B VU17290	x	x	x	x	x
s30	C925	x	x	10/100 UR89710	x	x	x	x	x
s31	T921	XW605	XW606	XW974	XW608	XW608	XW608	XW608	XW608
s32	TE921	VU54310	VU54310	V586740	VT91500	VU54330	VU54340	VU54340	x
s33	J922	0	0	0	0	0	x	x	x
s34	CB922,923	x	x	x	x	x	VP20650	VP20650	x
s35	F921	x	x	x	x	x	T2.5AH250V VT94290	T2.5AH250V VT94290	x
s36	W943	x	x	MH02614	x	x	x	x	x
s37	W941	x	x	MH04620	x	x	x	x	x
s38	W945	x	x	MH03620	x	x	x	x	x
s39	W942	x	x	MH09618	x	x	x	x	x
s40	W944	x	x	MH06620	x	x	x	x	x
s41	W946	x	x	MH01625	x	x	x	x	x
s42	SW941	x	x	V718230	x	x	x	x	x
s43	CB941,942	x	x	VP20650	x	x	x	x	x
s44	F941	x	x	T3.15AL250V KB00076	x	x	x	x	x
s45	F922	7A125V VP90990	7A125V VP90990	7A125V VP90990	T3.15AL250V KB00076	T3.15AL250V KB00076	T3.15AL250V KB00076	T3.15AL250V KB00076	T3.15AL250V KB00076
s46	R925	x	1/2P2.2M V673000	x	x	x	x	x	x
s49	Q923	x	x	K247[Y] IE10262	x	x	x	x	x
s50	C923,926	x	x	10/63 UR87710	x	x	x	x	x
s52	R922,924	x	x	100 RD35510	x	x	x	x	x
S53	R923	x	x	68K RD35768	x	x	x	x	x
S54	C927	0.01 UA65410	0.01 UA65410	x	0.01 UA65410	0.01 UA65410	0.01 UA65410	0.01 UA65410	0.01 UA65410
S55	C928,929	x	x	0.01 UA65410	x	x	x	x	x
s56	C592	x	x	x	x	100P US06210	100P US06210	x	x
s57	R582	x	x	x	x	100K RD35810	100K RD35810	x	x
s58	R583	x	x	x	x	33K RD35733	33K RD35733	x	x
s59	W947	x	x	x	x	x	x	x	MH06607

x: NOT USED
O: USED / APPLICABLE

Point ③ Pin 15 of IC571







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■SCHEMATIC DIAGRAM (OPERATION)

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

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

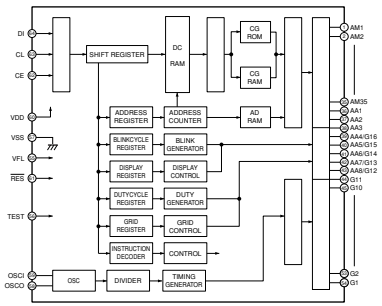
		J, U, C, R, T, K, A, L	B, G
a5	SW711~714	×	VV02030
a6	R711	×	10K RD35710
a7	R712	×	22K RD35722
a8	R713	×	47K RD35747
a9	R714	×	220K RD35822

×: NOT USED
○: USED / APPLICABLE

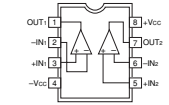
★ All voltages are measured with a 10MΩ/V DC electric volt meter.
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★ Schematic diagram is subject to change without notice.

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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。

IC701: LC75712E FLD
FL Display Driver



IC741, 742: μPC4570G2
Dual OP-Amp



■SCHEMATIC DIAGRAM (DSP)

Page 67 ET
to FUNCTION (1)

REGULATOR

4M DRAM

DSP

DUTY CORRECTOR

LEVEL CONVERT & SIGNAL DETECT

J-DESTINATION ONLY

256K SRAM

PLD

CODEC

DECODER

MAIN L (ANALOG IN)

L

CENTER

REAR L

Point ④ Pin 2 of IC600

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

IC601: MSM51V4260C-60JS 4Mbit DRAM

IC602: PQ05EZ5MZP Regulator

IC603: μPC29M33T-E1 Voltage Regulator

IC604: CS493292-CLR Audio Decoder

IC605: NJM2904M Dual OP-Amp

IC606: TC74HCT00AF Quad 2-Input Nand Gate

IC607: TC74HCU04AF Hex Inverters

IC608: CY62256LL Static RAM

IC609: XC9572XL-10TQ100C CPLD

IC610: TC74HCT08AF Quad 2-Input And Gate

IC614: AK4527BVQ 24bit CODEC

IC617~621: μPC4570G2 Dual OP-Amp

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

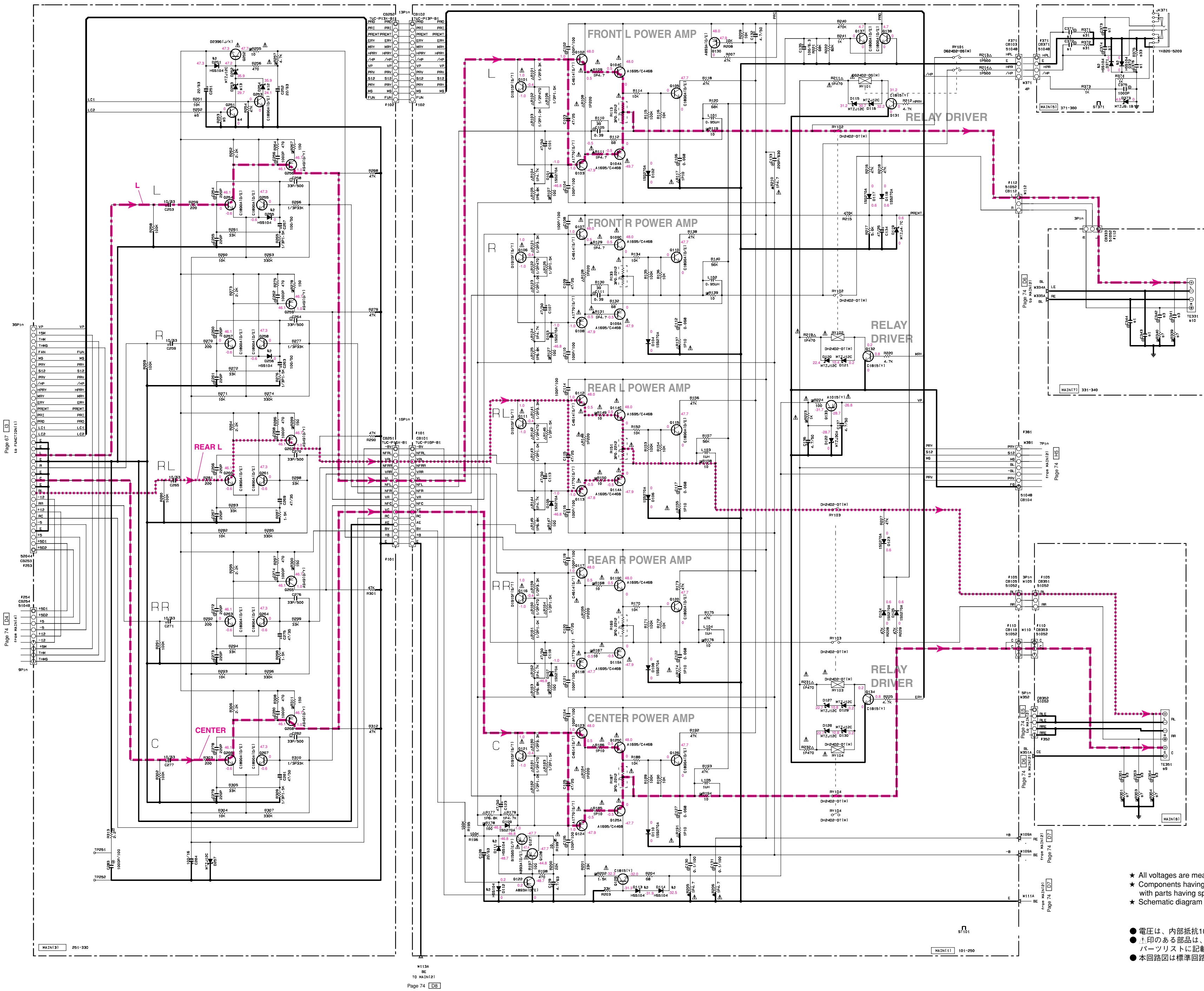
J model only
(DSP-AX530/DSP-AX430)

★ 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.

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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。

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

■ 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)…… GENERAL
(A)…… AUSTRALIAN
(B)…… BRITISH
(G)…… EUROPEAN
(T)…… CHINA
(L)…… SINGAPORE

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
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Ⓢ	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
◩	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊘	SEMI VARIABLE RESISTOR
▤	CHIP RESISTOR

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
※2	D111-114, 251, 255, 256 371, 372	HSS104 1SS133 1SS176

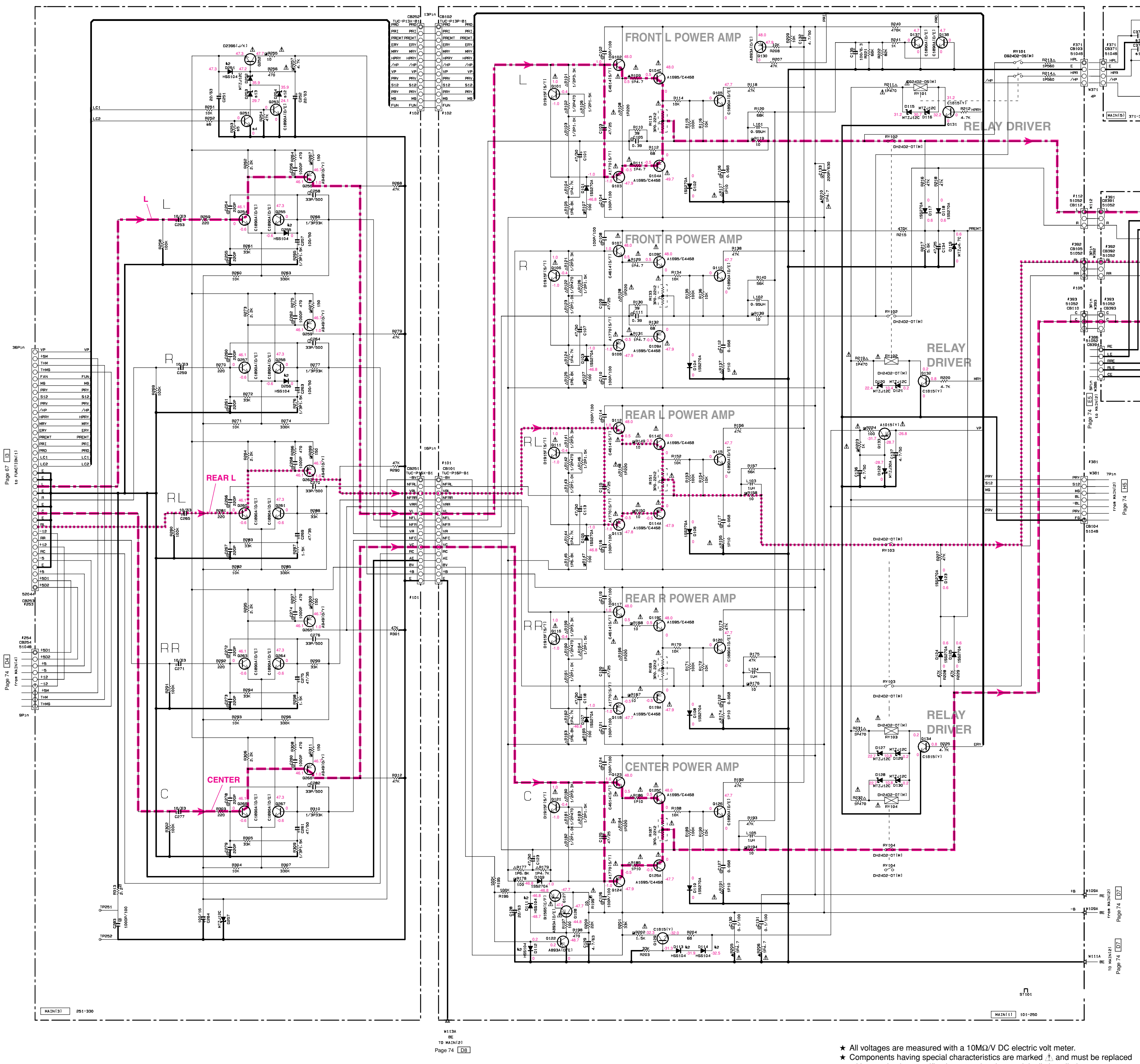
S	Circuit No.	J	U, C	R, T, K, A	B, G, L		
1	C343, 344 371–374, 376	X	X	0.01 [UA65410]	0.01 [UA65410]		
3	C341, 342 351, 353, 354	X	X	0.022 [UA65422]	0.022 [UA65422]		
4	Q251	X	C1890A[D/E] [VP88310]	C1890A[D/E] [VP88310]	C1890A[D/E] [VP88310]		Limiter
5	Q253	X	47K [HF45747]	47K [HF45747]	47K [HF45747]		
6	Q252	X	10K [HF45710]	10K [HF45710]	10K [HF45710]		
7	R339, 340 351, 353, 354	X	X	2.2 [HV75322]	2.2 [HV75322]		
9	TE351	LTS0610-1009 [V677110]	LTS0610-1009 [V677110]	LTS0610-1009 [V677110]	LTS0610-1007 [V591200]		
10	TE331	LTS0410-3011 [V842390]	LTS0410-3011 [V842390]	LTS0410-3011 [V842390]	LTS0410-3009 [V842340]		
11							
12	D254	MTZJ10C [VG43960]	MTZJ12C [VG44030]	MTZJ12C [VG44030]	MTZJ12C [VG44030]		Limiter
13	D253	X	MTZJ6.8B [VG43830]	MTZJ6.8B [VG43830]	MTZJ6.8B [VG43830]		
31	R371, 372	X	X	4.7 [HF45347]	4.7 [HF45347]		
33	R375	X	X	2.2 [HF45322]	2.2 [HF45322]		

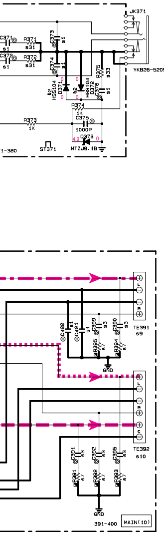
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■ SCHEMATIC DIAGRAM (MAIN 1/2) RX-V530/HTR-5540/DSP-AX430 only





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

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
₰2	D111-114, 251, 255, 256 371, 372	HSS104 1SS133 1SS176

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

S	Circuit No.	model: J	U, C	R, T, K, A	L		
1	C371–374, 376 C421, 422	X	X	0.01 [UA65410]	0.01 [UA65410]		
3	C390–392, 395, 399	X	X	0.022 [UA65422]	0.022 [UA65422]		
4	Q251	X	C1890A[D/E] [VP88310]	C1890A[D/E] [VP88310]	C1890A[D/E] [VP88310]		Limiter
5	Q253	X	47K [HF45747]	47K [HF45747]	47K [HF45747]		Limiter
6	Q252	X	10K [HF45710]	10K [HF45710]	10K [HF45710]		Limiter
7	R391–395	X	X	2.2 [HV75322]	2.2 [HV75322]		
9	TE391	LQR2411 -0001G [V825950]	LQR2411 -0001G [V825950]	LQR2411 -0001G [V825950]	LQR2411 -0003G [V825960]		
10	TE392	LQR2610-0001 [V447070]	LQR2610-0001 [V447070]	LQR2610-0001 [V447070]	LQR2610-0003 [V447090]		
11							
12	D254	MTZJ10C [VG43960]	MTZJ12C [VG44030]	MTZJ12C [VG44030]	MTZJ12C [VG44030]		Limiter
13	D253	X	MTZJ6.8B [VG43830]	MTZJ6.8B [VG43830]	MTZJ6.8B [VG43830]		Limiter
31	R371, 372	X	X	4.7 [HF45347]	4.7 [HF45347]		
33	R375	X	X	2.2 [HF45322]	2.2 [HF45322]		

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■SCHEMATIC DIAGRAM / (MAIN 2/2)

RESISTOR

REMARKS	PARTS NAME
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⊠	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

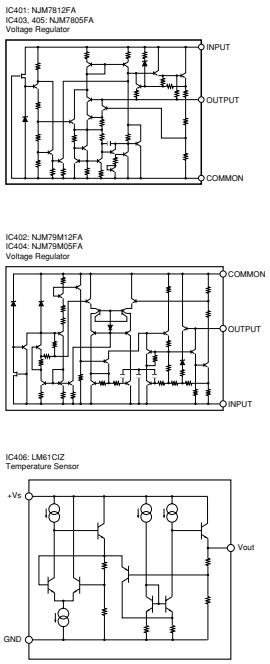
CAPACITOR

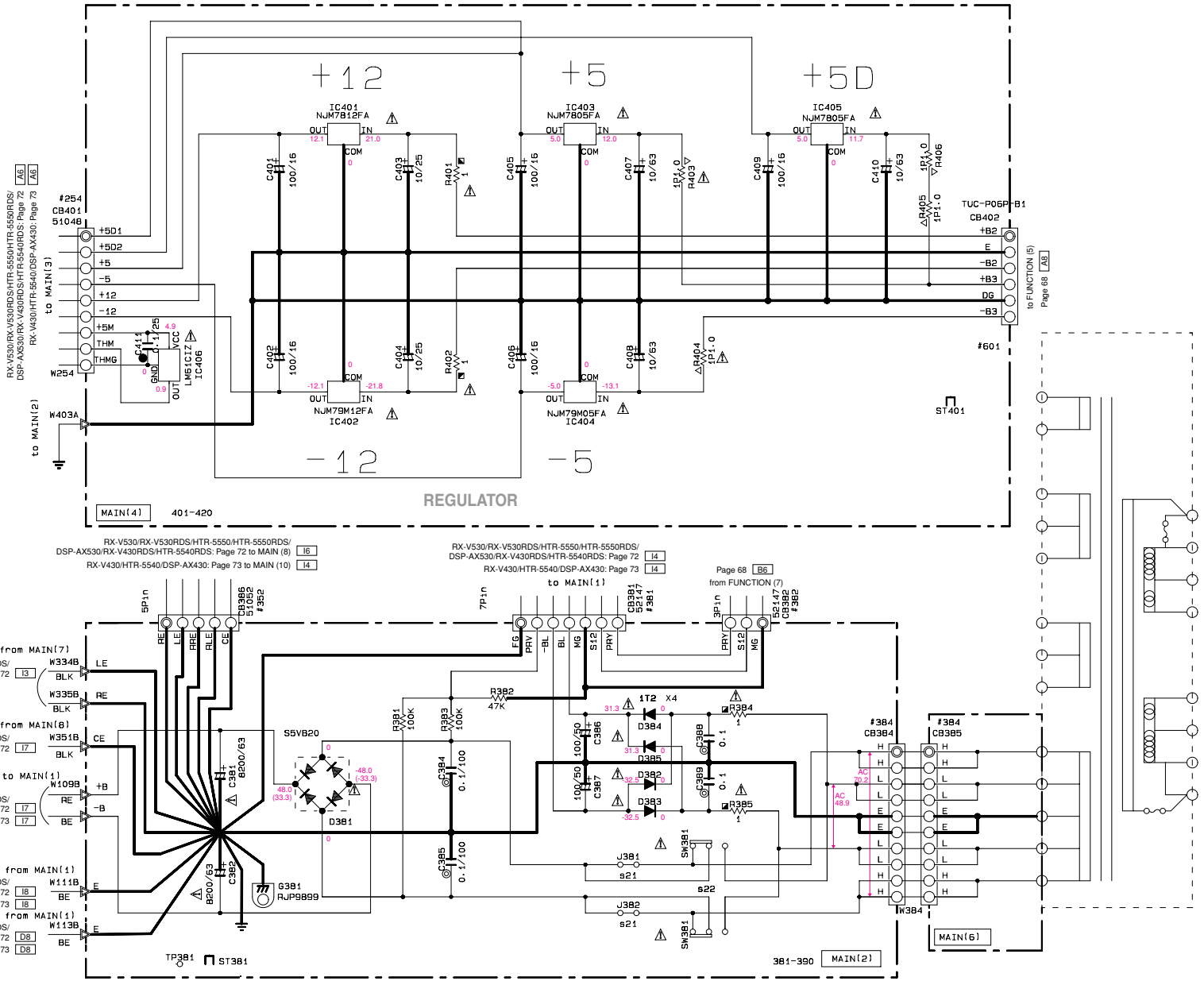
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⫻
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	⫼
◉	CERAMIC TUBULAR CAPACITOR	
◎	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
ⓘ	MICA CAPACITOR	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	
⊜	SEMICONDUCTIVE CERAMIC CAPACITOR	

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(L)····· SINGAPORE

s	Circuit No.	J	U.C.R.T.K A.B.G.L
21	J381.382	0	X
22	SW381	X	SL13B-022AMCS [V410420]

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