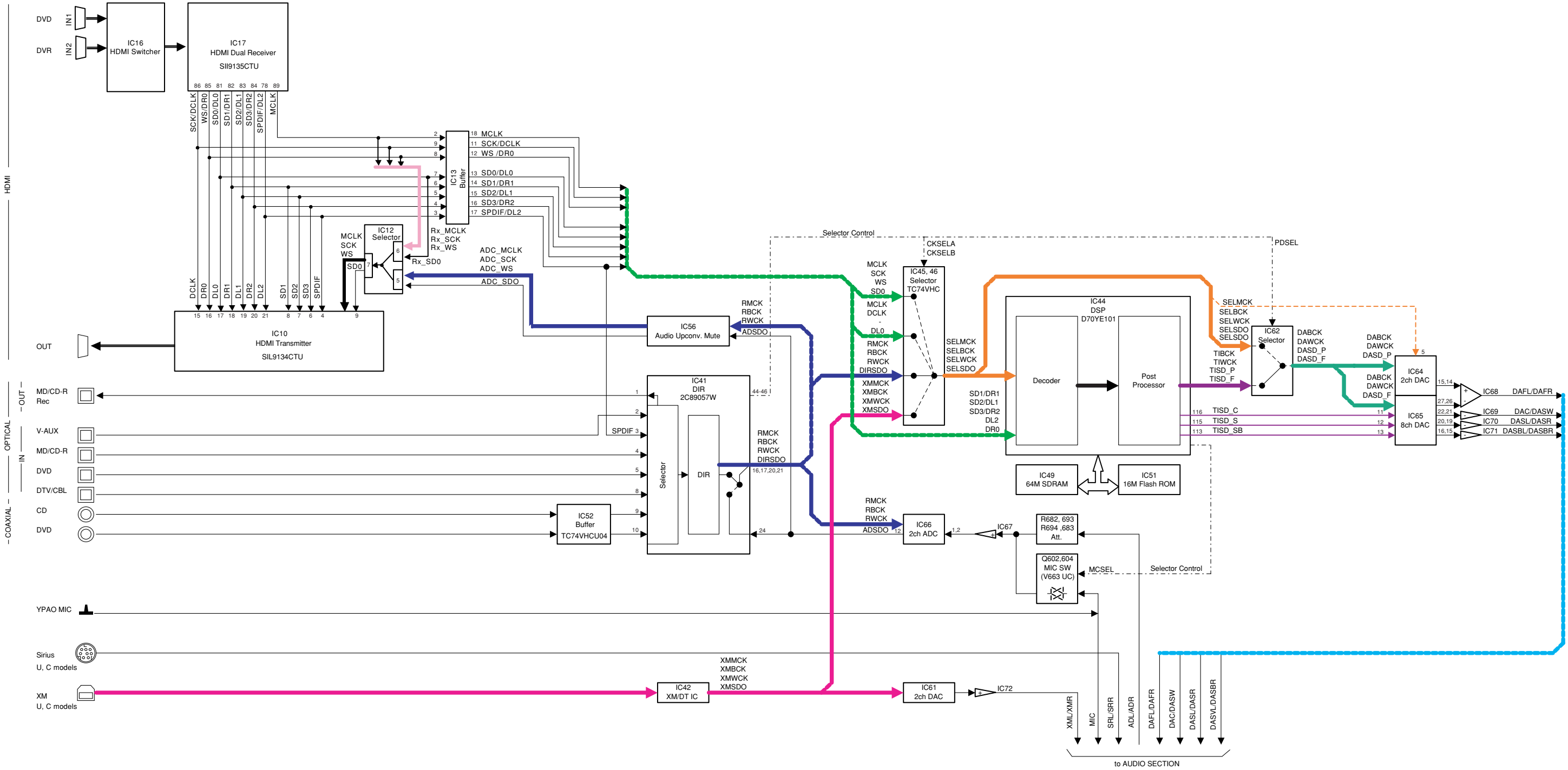


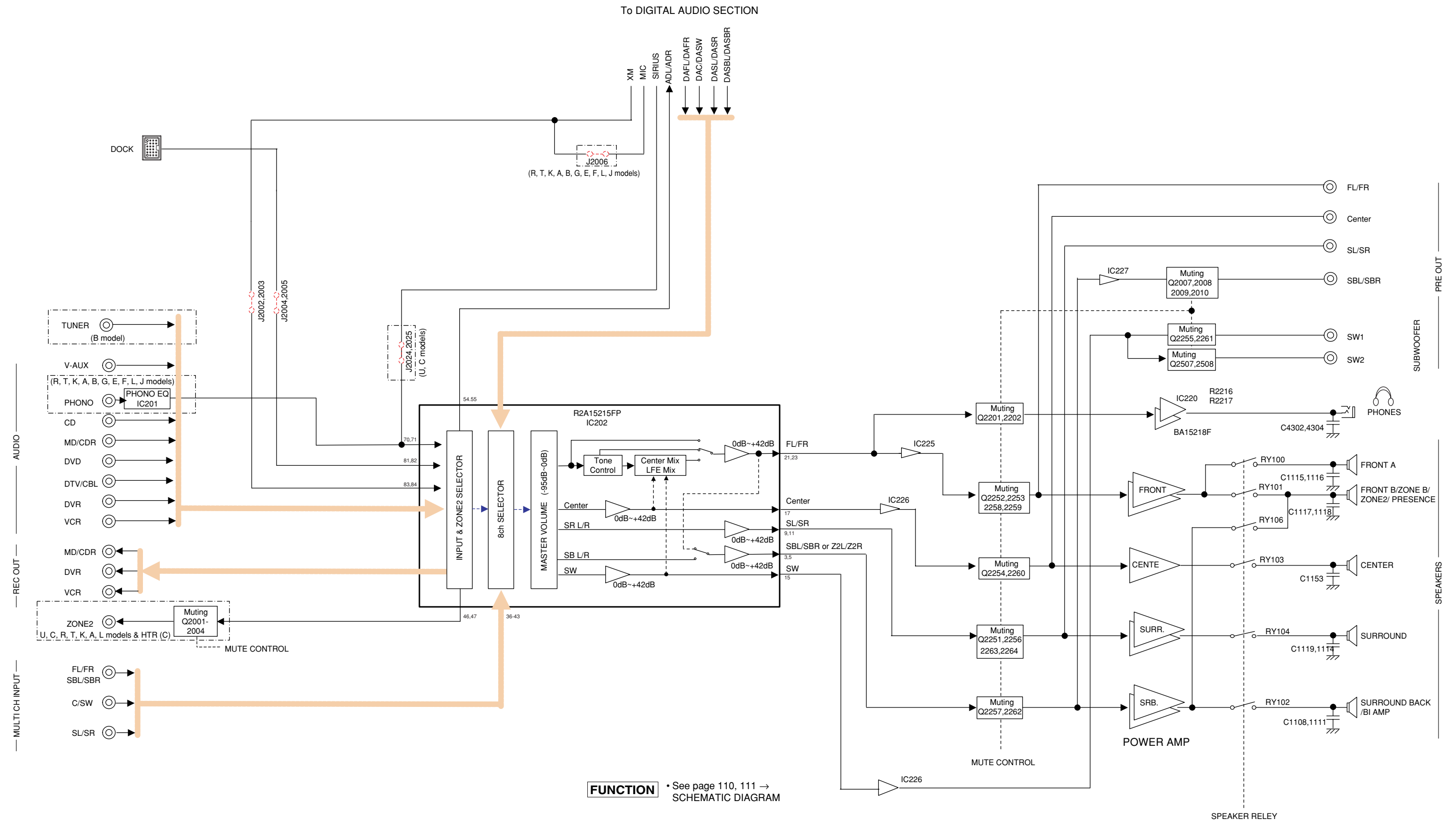
■ BLOCK DIAGRAMS

AUDIO (DIGITAL) SECTION BLOCK DIAGRAM

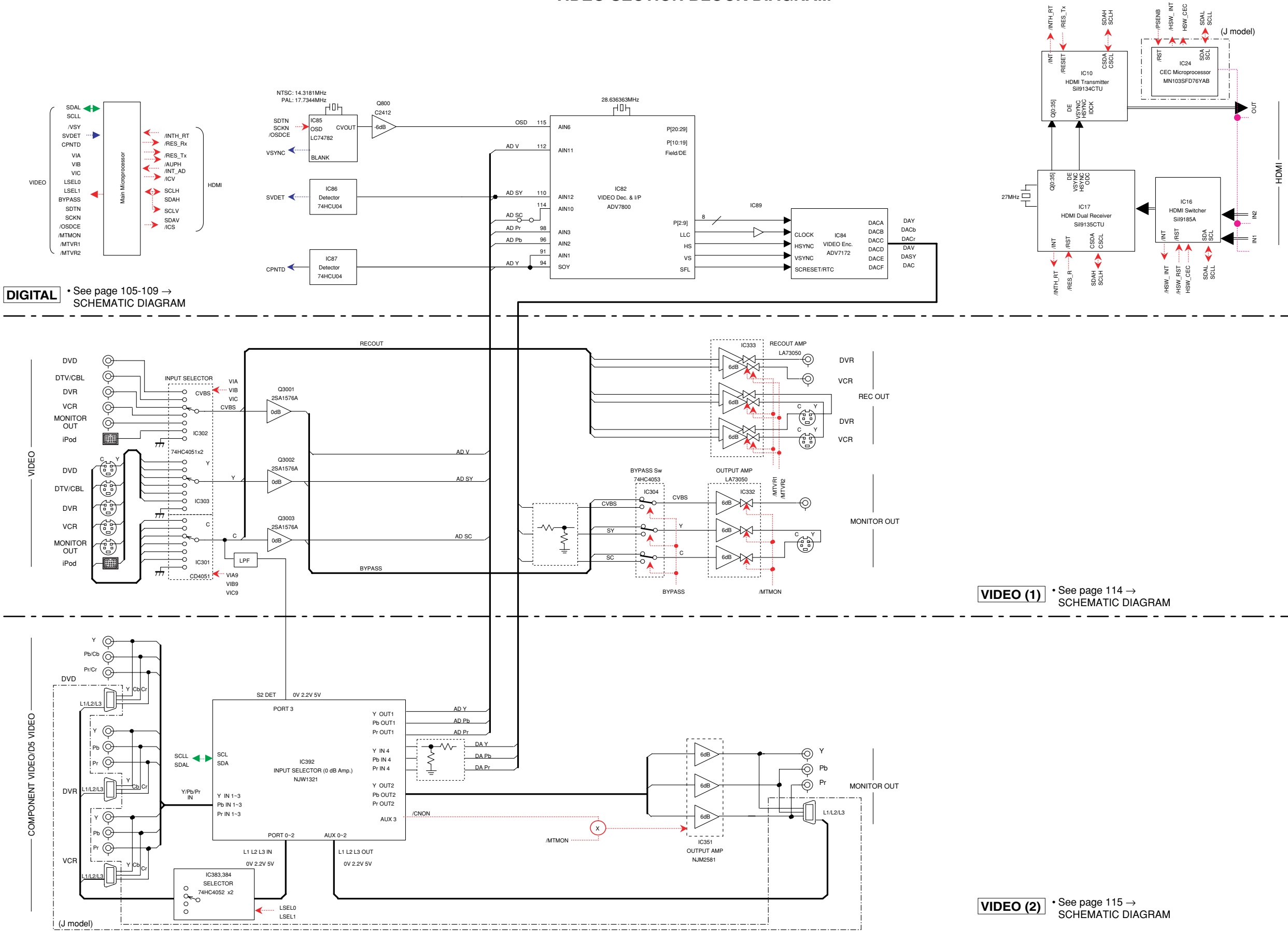
DIGITAL • See page 105-109 → SCHEMATIC DIAGRAM



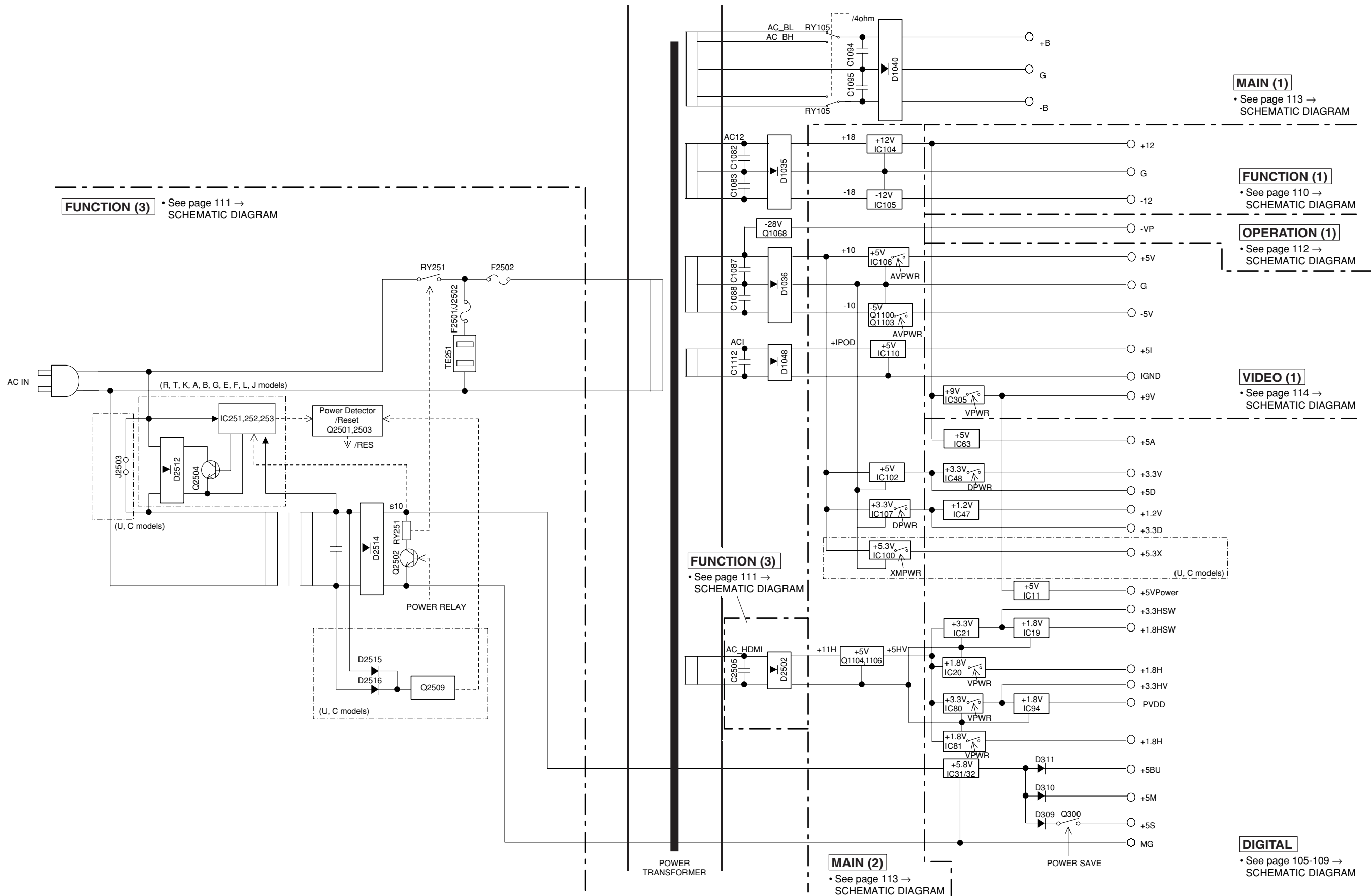
AUDIO (ANALOG) SECTION BLOCK DIAGRAM



VIDEO SECTION BLOCK DIAGRAM

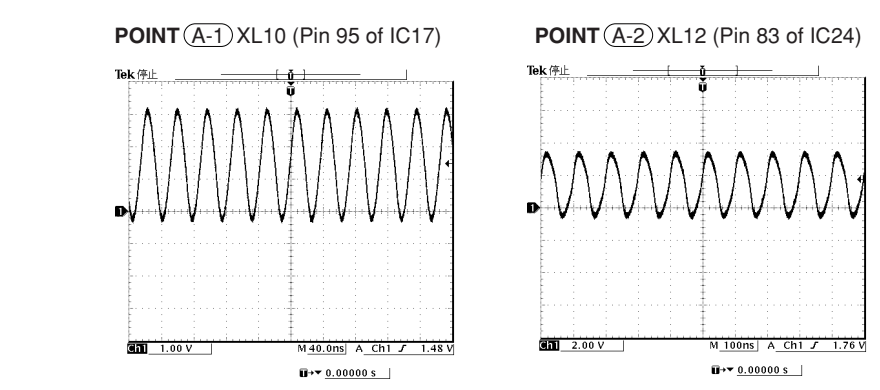
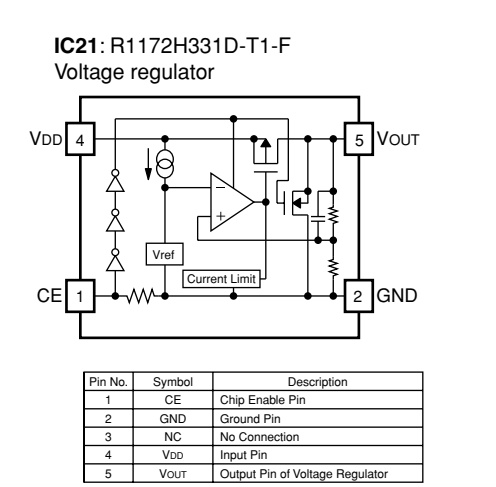
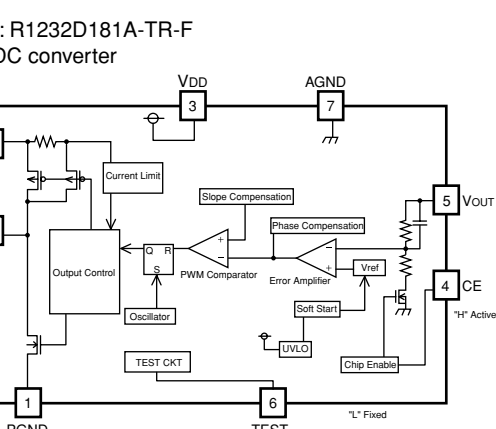
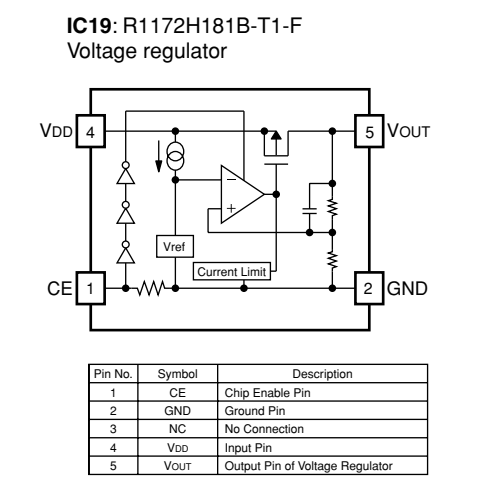
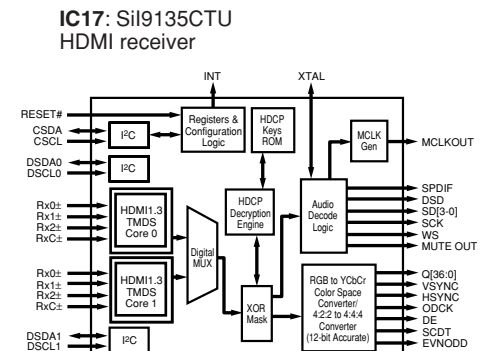
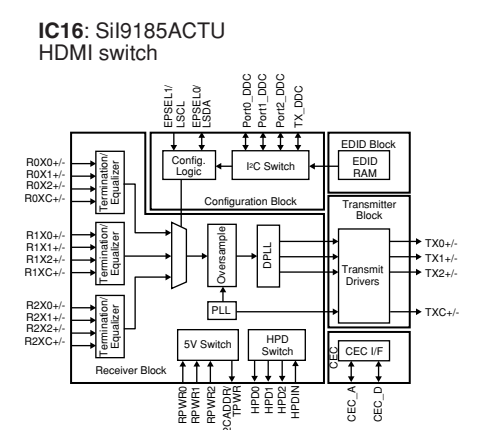
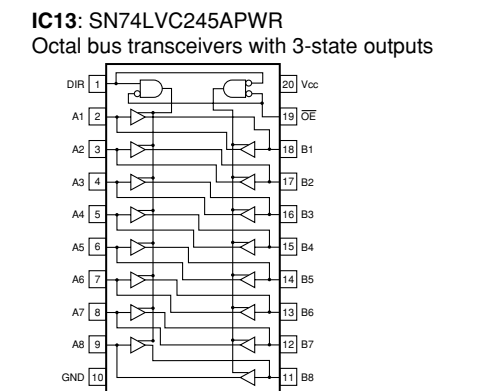
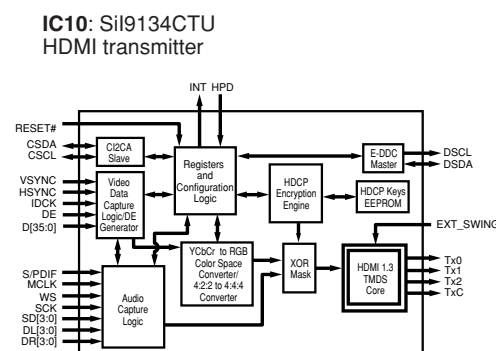
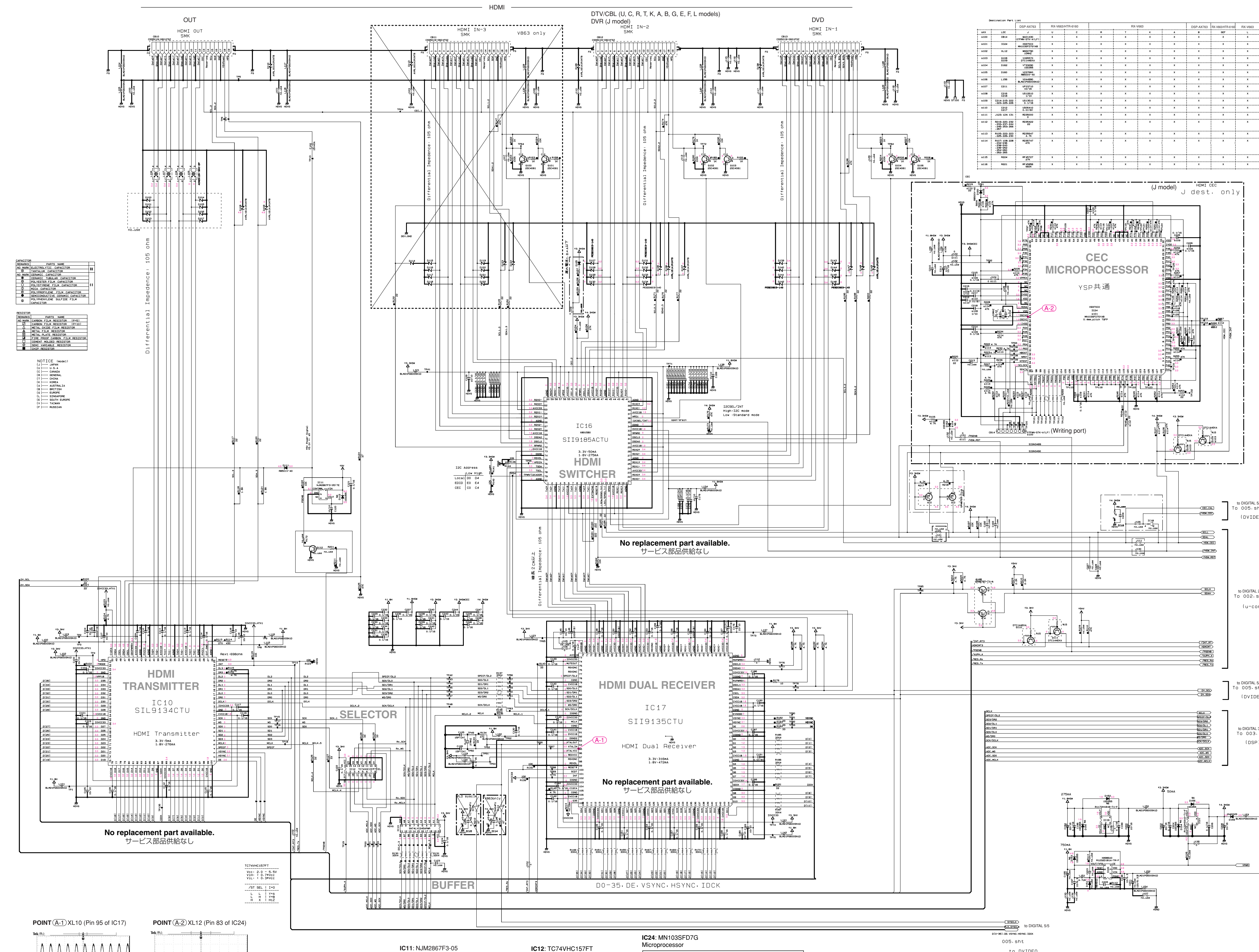


POWER SECTION BLOCK DIAGRAM



SCHEMATIC DIAGRAMS
DIGITAL 1/5

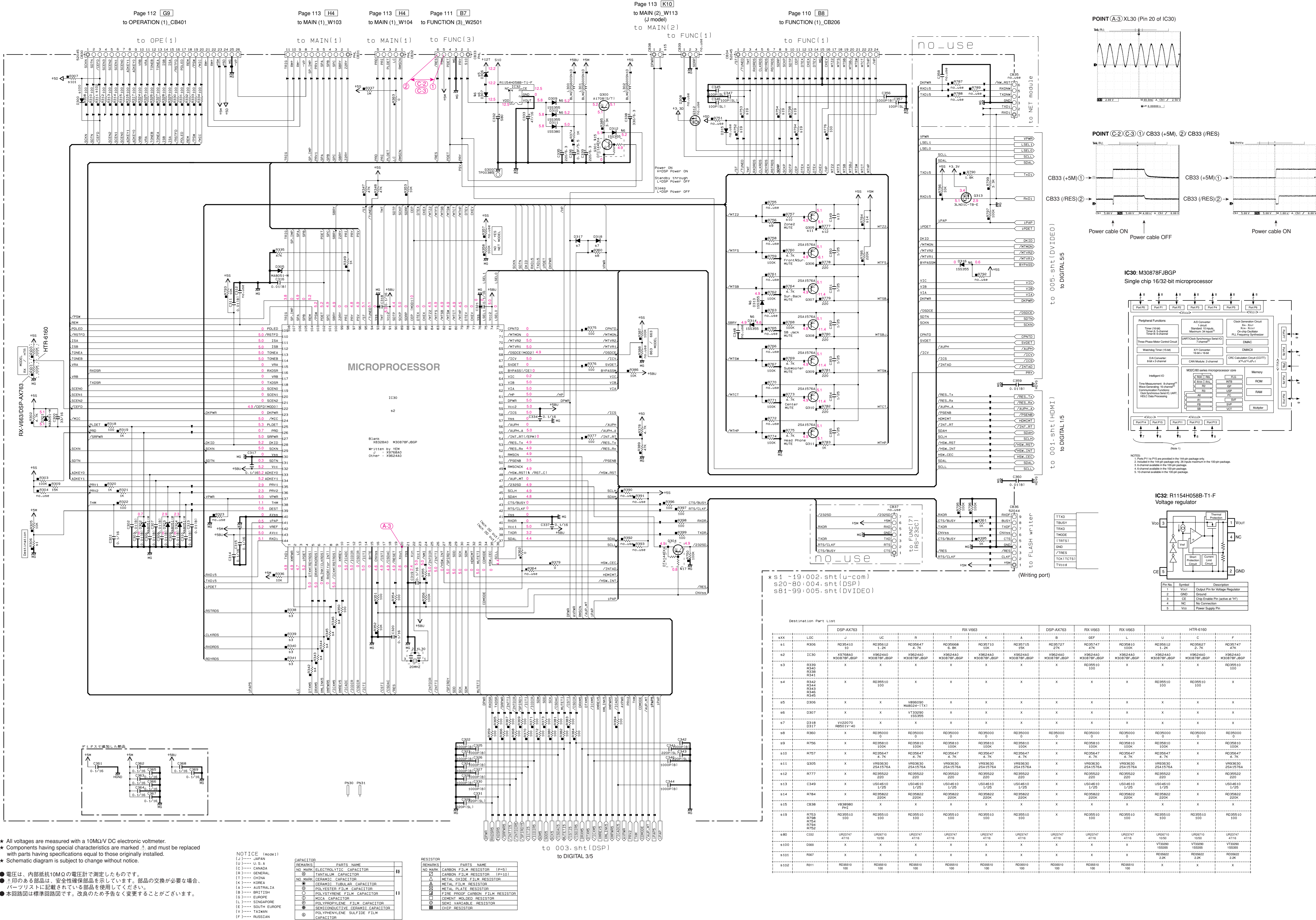
RX-V663/HTR-6160/DSP-AX763



★ All voltages are measured with a 10MΩ/V DC electronic voltmeter.
★ Components having special characteristics are marked with a star, 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。
● 星印のある部品は、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。

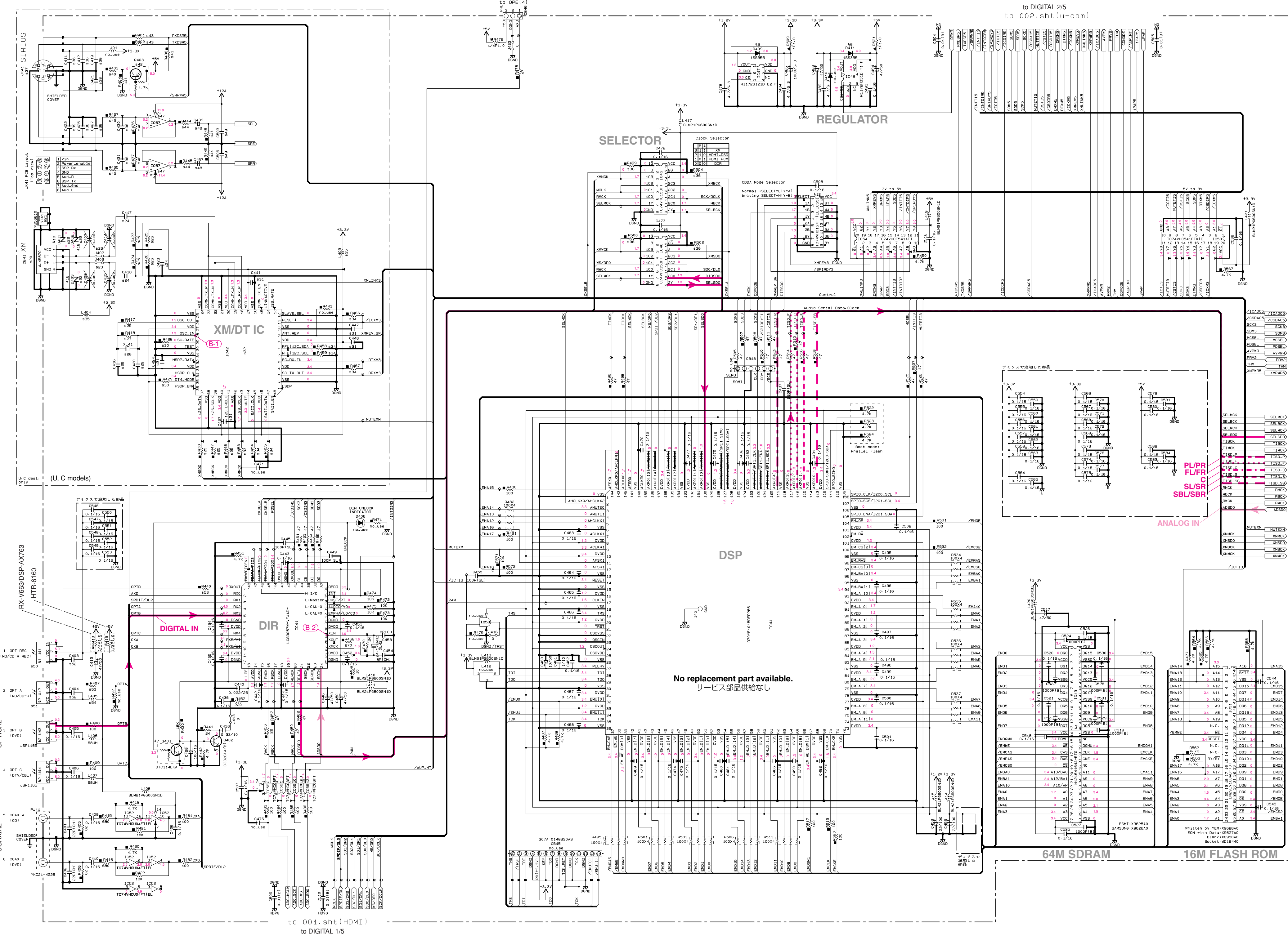
DIGITAL 2/5



DIGITAL 3/5

Page 112 H2
to OPERATION (4)_W442

to DIGITAL 2/5
to 002.sht(u-com)



s1 ~19:002.sht(u-com)
*s20~80:004.sht(DSP)
sB1~99:005.sht(DVIDE0)

Destination Parts List

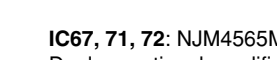
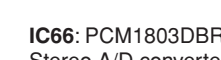
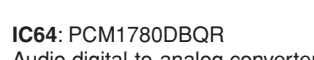
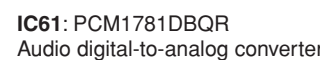
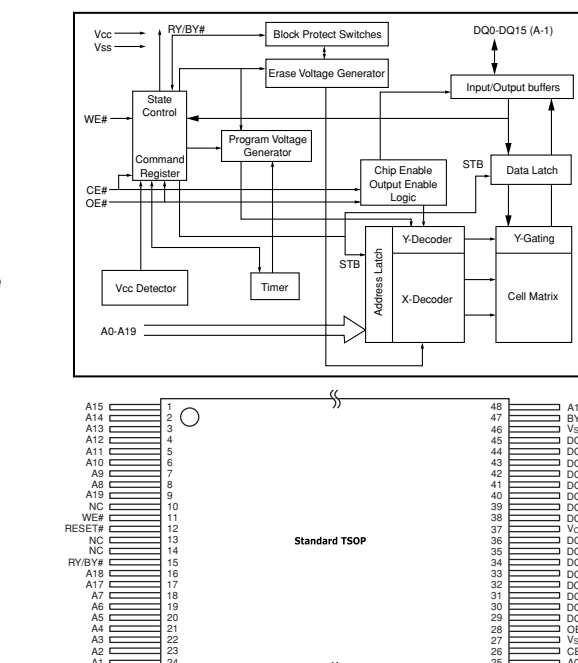
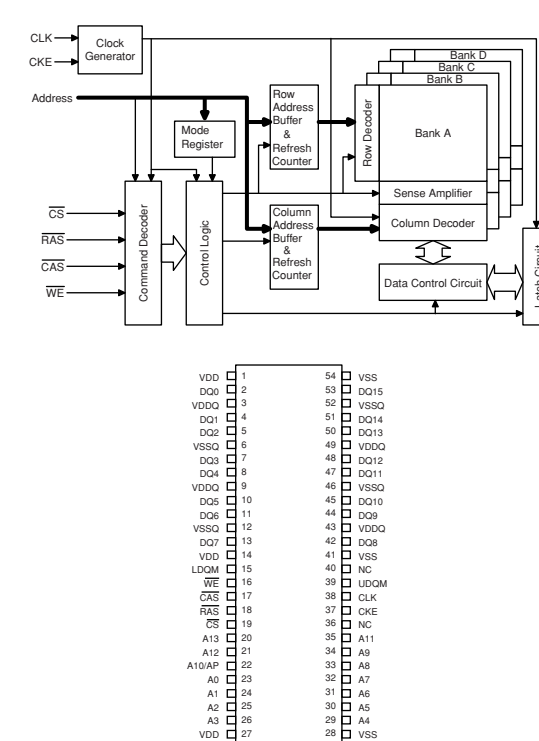
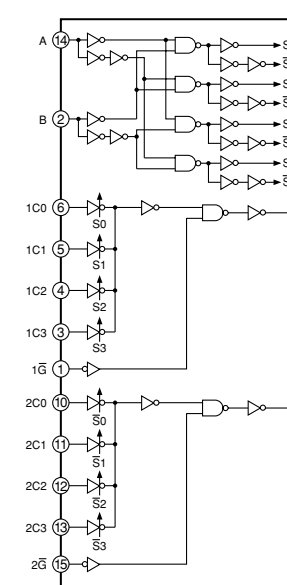
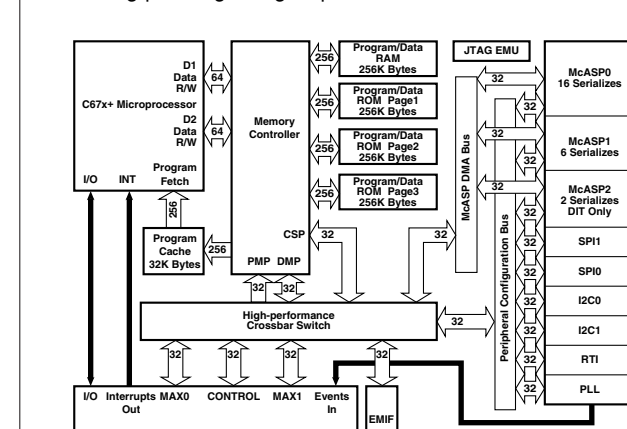
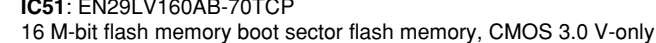
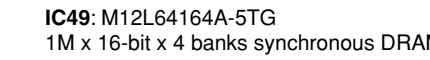
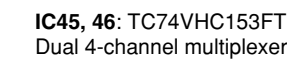
	DSP-AX763	RX-V663/HTR-6160		RX-V663	DSP-AX763	RX-V663/HTR-6160	RX-V663
600 LOG	J	UC	A	B	B	DEF	
601 DB41	X	NJ40970 CAM-D96044024B	X	X	X	X	X
602 ST41	X	NJ56810	X	X	X	X	X
603 DB40	X	NE74740 AVL1614HINTB	X	X	X	X	X
604 J403	X	R035000	X	X	X	X	X
605 J402	X	0	X	X	X	X	X
606 C418	X	U013510 0.1/16	X	X	X	X	X
607 C418	X		X	X	X	X	X
608 R424	X	R035010 100	X	X	X	X	X
609 R423	X		X	X	X	X	X
610 R417	X		X	X	X	X	X
611 R418	X		X	X	X	X	X
612 R419	X		X	X	X	X	X
613 R425	X	R035010 1K	X	X	X	X	X
614 R418	X		X	X	X	X	X
615 AL41	X	R035033 3.3K	X	X	X	X	X
616 C416	X	NJ40930 4B-156960	X	X	X	X	X
617 R428	X	U013510 10P1CH1	X	X	X	X	X
618 R429	X	R035447	X	X	X	X	X
619 C424	X	U13510 0.1/16	X	X	X	X	X
620 C448	X		X	X	X	X	X
621 C447	X		X	X	X	X	X
622 C441	X	KB10240 FB061E-0117R	X	X	X	X	X
623 R403	X	R035447	X	X	X	X	X
624 R404	X		X	X	X	X	X
625 R405	X	R035722 80K	X	X	X	X	X
626 R406	X		X	X	X	X	X
627 R407	X	R035810	X	X	X	X	X
628 R408	X		X	X	X	X	X
629 R409	X	U013510 100P16	X	X	X	X	X
630 R410	X		X	X	X	X	X
631 R411	X		X	X	X	X	X
632 R412	X		X	X	X	X	X
633 R413	X		X	X	X	X	X
634 R414	X		X	X	X	X	X
635 R415	X		X	X	X	X	X
636 R416	X		X	X	X	X	X
637 R417	X		X	X	X	X	X
638 R418	X		X	X	X	X	X
639 R419	X		X	X	X	X	X
640 R420	X		X	X	X	X	X
641 R421	X		X	X	X	X	X
642 R422	X		X	X	X	X	X
643 R423	X		X	X	X	X	X
644 R424	X		X	X	X	X	X
645 R425	X		X	X	X	X	X
646 R426	X		X	X	X	X	X
647 R427	X		X	X	X	X	X
648 R428	X		X	X	X	X	X
649 R429	X		X	X	X	X	X
650 R430	X		X	X	X	X	X
651 R431	X		X	X	X	X	X
652 R432	X		X	X	X	X	X
653 R433	X		X	X	X	X	X
654 R434	X		X	X	X	X	X
655 R435	X		X	X	X	X	X
656 R436	X		X	X	X	X	X
657 R437	X		X	X	X	X	X
658 R438	X		X	X	X	X	X
659 R439	X		X	X	X	X	X
660 R440	X		X	X	X	X	X
661 R441	X		X	X	X	X	X
662 R442	X		X	X	X	X	X
663 R443	X		X	X	X	X	X
664 R444	X		X	X	X	X	X
665 R445	X		X	X	X	X	X
666 R446	X		X	X	X	X	X
667 R447	X		X	X	X	X	X
668 R448	X		X	X	X	X	X
669 R449	X		X	X	X	X	X
670 R450	X		X	X	X	X	X
671 R451	X		X	X	X	X	X
672 R452	X		X	X	X	X	X
673 R453	X		X	X	X	X	X
674 R454	X		X	X	X	X	X
675 R455	X		X	X	X	X	X
676 R456	X		X	X	X	X	X
677 R457	X		X	X	X	X	X
678 R458	X		X	X	X	X	X
679 R459	X		X	X	X	X	X
680 R460	X		X	X	X	X	X
681 R461	X		X	X	X	X	X
682 R462	X		X	X	X	X	X
683 R463	X		X	X	X	X	X
684 R464	X		X	X	X	X	X
685 R465	X		X	X	X	X	X
686 R466	X		X	X	X	X	X
687 R467	X		X	X	X	X	X
688 R468	X		X	X	X	X	X
689 R469	X		X	X	X	X	X
690 R470	X		X	X	X	X	X
691 R471	X		X	X	X	X	X
692 R472	X		X	X	X	X	X
693 R473	X		X	X	X	X	X
694 R474	X		X	X	X	X	X
695 R475	X		X	X	X	X	X
696 R476	X		X	X	X	X	X
697 R477	X		X	X	X	X	X
698 R478	X		X	X	X	X	X
699 R479	X		X	X	X	X	X
700 R480	X		X	X	X	X	X
701 R481	X		X	X	X	X	X
702 R482	X		X	X	X	X	X
703 R483	X		X	X	X	X	X
704 R484	X		X	X	X	X	X
705 R485	X		X	X	X	X	X
706 R486	X		X	X	X	X	X
707 R487	X		X	X	X	X	X
708 R488	X		X	X	X	X	X
709 R489	X		X	X	X	X	X
710 R490	X		X	X	X	X	X
711 R491	X		X	X	X	X	X
712 R492	X		X	X	X	X	X
713 R493	X		X	X	X	X	X
714 R494	X		X	X	X	X	X
715 R495	X		X	X	X	X	X
716 R496	X		X	X	X	X	X
717 R497	X		X	X	X	X	X
718 R498	X		X	X	X	X	X
719 R499	X		X	X	X	X	X
720 R500	X		X	X	X	X	X
721 R501	X		X	X	X	X	X
722 R502	X		X	X	X	X	X
723 R503	X		X	X	X	X	X
724 R504	X		X	X	X	X	X
725 R505	X		X	X	X	X	X
726 R506	X		X	X	X	X	X
727 R507	X		X	X	X	X	X
728 R508	X		X	X	X	X	X
729 R509	X		X	X	X	X	X
730 R510	X		X	X	X	X	X
731 R511	X		X	X	X	X	X
732 R512	X		X	X	X	X	X
733 R513	X		X	X	X	X	X
734 R514	X		X	X	X	X	X
735 R515	X		X	X	X	X	X
736 R516	X		X	X	X	X	X
737 R517	X		X	X	X	X	X
738 R518	X		X	X	X	X	X
739 R519	X		X	X	X	X	X
740 R520	X		X	X	X	X	X
741 R521	X		X	X	X	X	X
742 R522	X		X	X	X	X	X
743 R523	X		X	X	X	X	X
744 R524	X		X	X	X	X	X
745 R525	X		X	X	X	X	X
746 R526	X		X	X	X	X	X
747 R527	X		X	X	X	X	X
748 R528	X		X	X	X	X	X
749 R529	X		X	X	X	X	X
750 R530	X		X	X	X	X	X
751 R531	X		X	X	X	X	X
752 R532	X		X	X	X	X	X
753 R533	X		X	X	X	X	X
754 R534	X		X	X	X	X	X
755 R535	X		X	X	X	X	X
756 R536	X		X	X	X	X	X
757 R537	X		X	X	X	X	X
758 R538	X		X	X	X	X	X
759 R539	X		X	X	X	X	X
760 R540	X		X	X	X	X	X
761 R541	X		X	X	X	X	X
762 R542	X		X	X	X	X	X
763 R543	X		X	X	X	X	X
764 R544	X		X	X	X	X	X
765 R545	X		X	X	X	X	X
766 R546	X		X	X	X	X	X
767 R547	X		X	X	X	X	X
768 R548	X		X	X	X	X	X
769 R549	X		X	X	X	X	X
770 R550	X		X	X	X	X	X
771 R551	X		X	X	X	X	X
772 R552	X		X	X	X	X	X
773 R553	X		X	X	X	X	X
774 R554	X		X	X	X	X	X
775 R555	X		X	X	X	X	X
776 R556	X		X	X	X	X	X
777 R557	X		X	X	X	X	X
778 R558	X		X	X	X	X	X
779 R559	X		X	X	X	X	X
780 R560	X		X	X	X	X	X
781 R561	X		X	X	X	X	X
782 R562	X		X	X	X	X	X
783 R563	X		X	X	X	X	X
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785 R565	X		X	X	X	X	X
786 R566	X		X	X	X	X	X
787 R567	X		X	X	X	X	X
788 R568	X		X	X	X	X	X
789 R569	X		X	X	X	X	X
790 R570	X		X	X	X	X	X
791 R571	X		X	X	X	X	X
792 R572	X		X	X	X	X	X
793 R573	X		X	X	X	X	X
794 R574	X		X	X	X	X	X
795 R575	X		X	X	X	X	X
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801 R581	X		X	X	X	X	X
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804 R584	X		X	X	X	X	X
805 R585	X		X	X	X	X	X
806 R586	X		X	X	X	X	X
807 R587	X		X	X	X	X	X
808 R588	X		X	X	X	X	X
809 R589	X		X	X	X	X	X
810 R590	X		X	X	X	X	X
811 R591	X		X	X	X	X	X
812 R592	X		X	X	X	X	X
813 R593	X		X	X	X	X	X
814 R594	X		X	X	X	X	X
815 R595	X		X	X	X	X	X
816 R596	X		X	X	X	X	X
817 R597	X		X	X	X	X	X
818 R598	X		X	X	X	X	X
819 R599	X		X	X	X	X	X
820 R600	X		X	X	X	X	X
821 R601	X		X	X	X	X	X
822 R602	X		X	X	X	X	X
823 R603	X		X	X	X	X	X
824 R604	X		X	X	X	X	X
825 R605	X		X	X	X	X	X
826 R606	X		X	X	X	X	X
827 R607	X		X	X	X	X	X
828 R608	X		X	X	X	X	X
829 R609	X		X	X	X	X	X
830 R610	X		X	X	X	X	X
831 R611	X		X	X	X	X	X
832 R612	X		X	X	X	X	X
833 R613	X		X	X	X	X	X
834 R614	X		X	X	X	X	X
835 R615	X		X	X	X	X	X
836 R616							

Destination Part List

Interchangeable Parts at Manufacture-Stage		Parts Name	
Mark	Reference Parts Number	Parts	Name
k1	U41	JBT1165	BPFAV1TKOF
k2	U42-44	JBT1165	BPFAV1RKOF
k3			
k4	1C49	M12L641644-STG	K45641632K-UC00C00
k5	Q402	25C33261(A/B)	25C33261(B)
		25C33304(A/B)	25C33304(K)
		25C33304(F12)	K1C2875-8
k6	D112-150-152-154-156-162-300-307-309-310-312-314-316-400-411-401-603-606-611-800-806-809-811-814-820	I15C395	MAJ31110GL
k7	Q401	KRC102S-RTK/P	K8C160-RTK/P
k8	G601	D1A14EK4	K1A14EK4
k9	G603	D1C124EK4	KRC103S-RTK/P
k10	1CE3	N,M78M05DL1ATE1	K1A78M05F
k11			
k12			
k13			
k14			
k15	G108-111-301	D1C144EK4	KRC104S-RTK/P
k16			
k17	G304	D1A144EK4	K1A104S-RTK/P
k18	G401-403	AVRL16141R1N1B	SDV166H100C05C0VP1
k19			

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



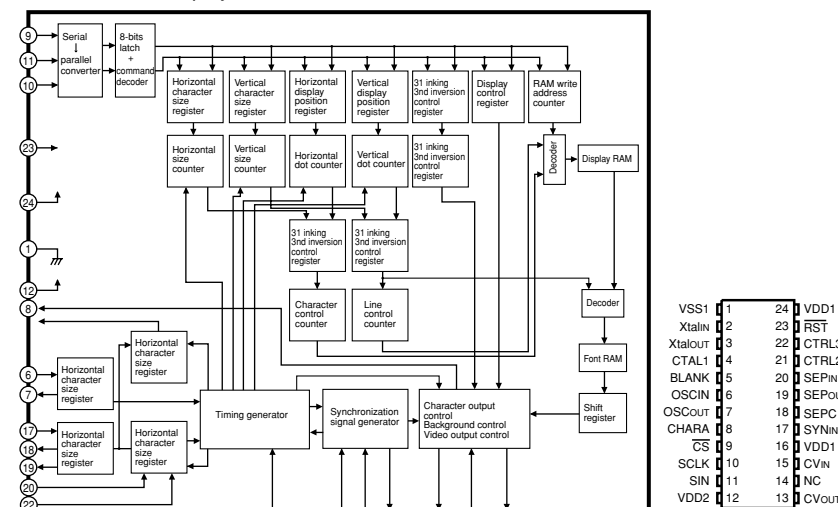
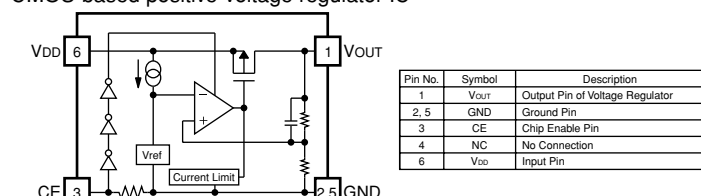
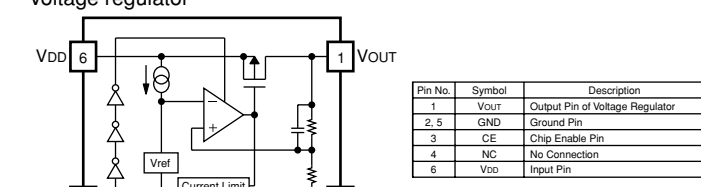
(1) Open-drain output for the PCM1782

NOTE: Signal names in parentheses () are for the PCM1781.

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- ㊦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。

- ★ All voltages are measured with a 10M Ω /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.

1OUT	1	8	V _{CC}
1IN-	2	7	2OUT
1IN+	3	6	2IN-
	4	5	2IN+

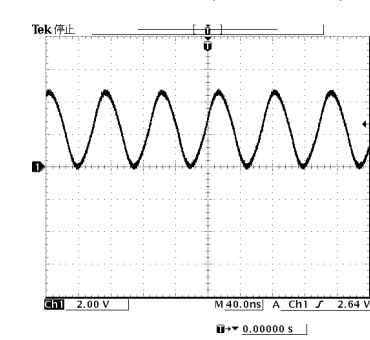
Page 114 [K6]
to VIDEO (1)_CB305Page 115 [L9]
to VIDEO (2)_CB356Page 113 [K8]
to MAIN (2)_W109IC85: LC74782JM-8A16-TLMC
The on-screen display controller LSIIC80: R1172S331B-E2-F
CMOS-based positive-voltage regulator ICIC99: R1172S181B-E2-F
Voltage regulator

REMARKS	PARTS NAME	REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR	NO MARK	CARBON FILM RESISTOR (P=5)
NO MARK	TANTALUM CAPACITOR	NO MARK	CARBON FILM RESISTOR (P=10)
NO MARK	CERAMIC CAPACITOR	NO MARK	METAL FILM RESISTOR
NO MARK	CERAMIC TUBULAR CAPACITOR	NO MARK	METAL FILM RESISTOR
NO MARK	POLYESTER FILM CAPACITOR	NO MARK	POLYESTER FILM CAPACITOR
NO MARK	POLYETHYLENE FILM CAPACITOR	NO MARK	POLYETHYLENE FILM CAPACITOR
NO MARK	MICA CAPACITOR	NO MARK	MICA CAPACITOR
NO MARK	POLYPROPYLENE FILM CAPACITOR	NO MARK	POLYPROPYLENE FILM CAPACITOR
NO MARK	SEMICONDUCTIVE CERAMIC CAPACITOR	NO MARK	SEMICONDUCTIVE CERAMIC CAPACITOR
NO MARK	POLYPHENYLENE SULFIDE FILM CAPACITOR	NO MARK	POLYPHENYLENE SULFIDE FILM CAPACITOR

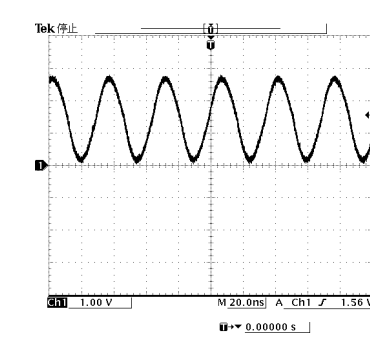
NOTICE (model)

(J)..... JAPAN
(U)..... U.S.A.
(C)..... CANADA
(I)..... GENERAL
(T)..... CHINA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN

POINT (B-3) XL80 (Pin 3 of IC85)



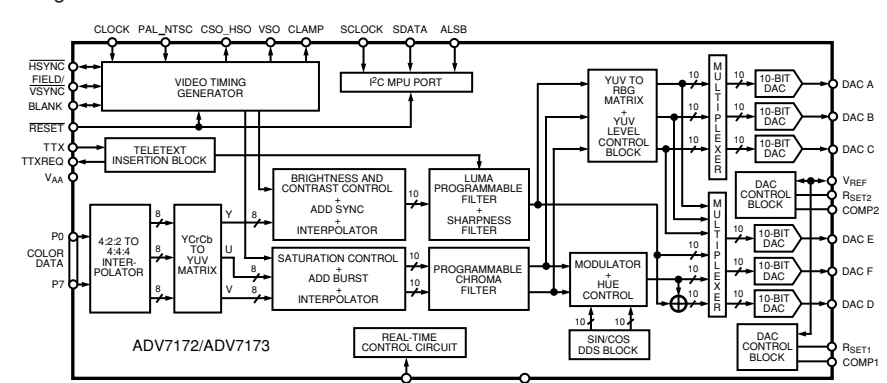
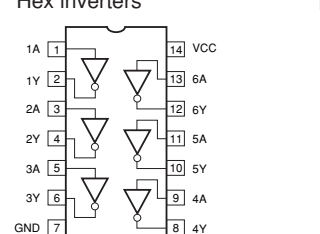
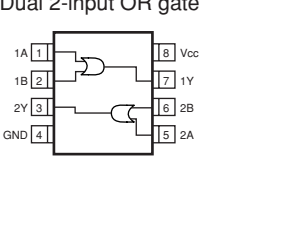
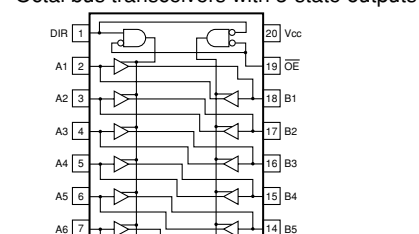
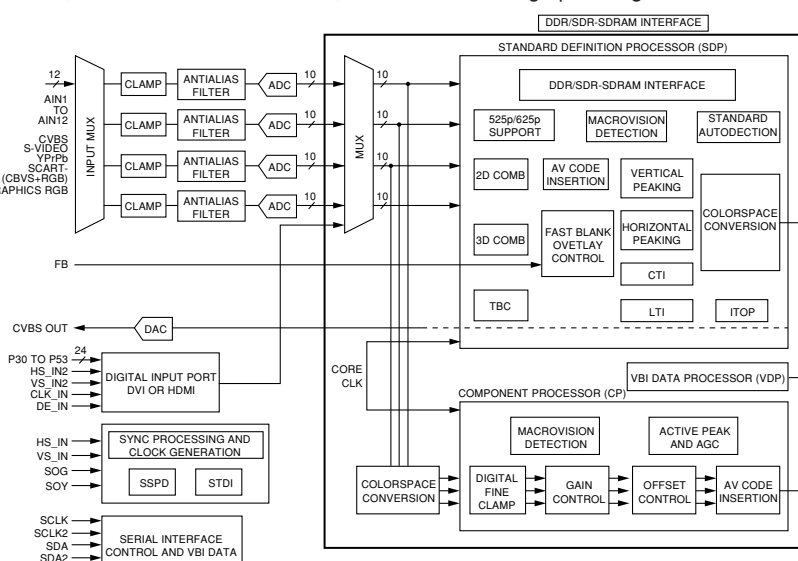
POINT (C-1) XL81 (Pin 81 of IC82)



BUS BUFFER

s1 ~19:002.sht(u-com)
s20~80:004.sht(DSP)
s81~99:005.sht(DVIDEO)

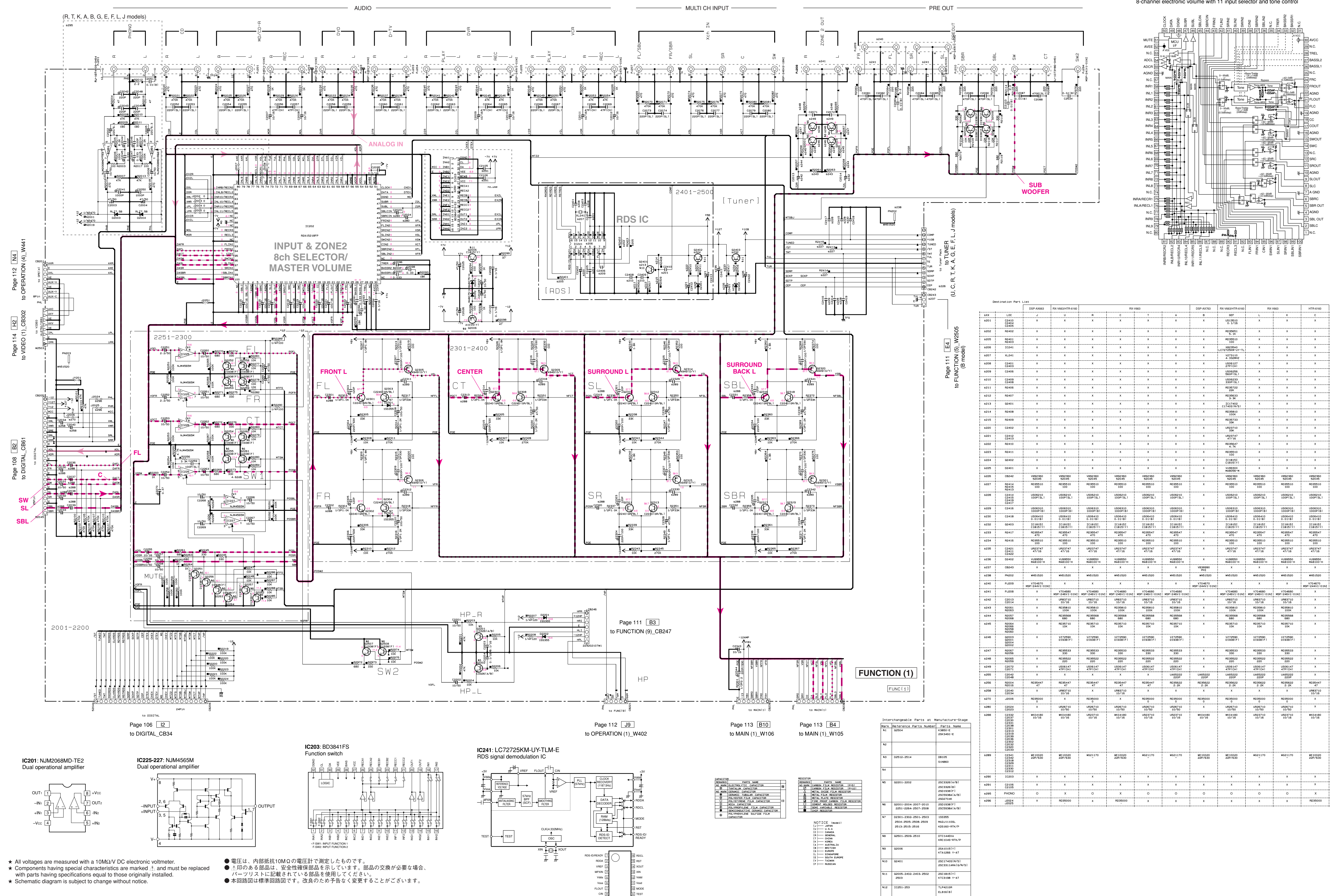
Destination Part List	DSP-AX763	RX-V663/HTR-6160	DSP-AX763	RX-V663/HTR-6160	RX-V663
LOC	J	UC	R	T	K
881	XL80	14.3181MHz	14.3181MHz	17.7344MHz	17.7344MHz
882	CR84	US08010	US08010	US08010	US08010
883	CR85	US08010	US08010	US08010	US08010
884	CR86	US08010	US08010	US08010	US08010
885	CR87	US08010	US08010	US08010	US08010
886	CR88	US08010	US08010	US08010	US08010
887	CR89	US08010	US08010	US08010	US08010

IC84: ADV712KSTZ
Digital PAL/NTSC video encoderIC86, 87: TC74VHC04FT
Hex invertersIC89: TC7W232FK (TE85L, F)
Dual 2-input OR gateIC91-93: SN74LVC245APWR
Octal bus transceivers with 3-state outputsIC82: ADV7800BSTZ-80
10-bit, SDTV/HDTV 3D comb filter, video decoder and graphics digitizerDVIDEO
CB/IC/XL:80 -99
OTHER :800-999

DIGITAL (5)

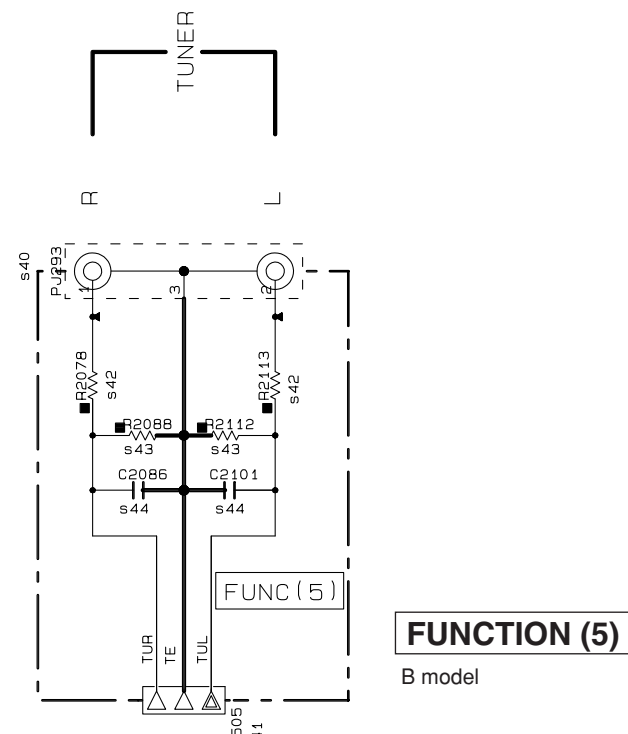
- All voltages are measured with a 10M Ω /V DC electronic voltmeter.
- Components having special characteristics are marked with a triangle (Δ) and must be replaced with parts having specifications equal to those originally installed.
- Schematic diagram is subject to change without notice.

- 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。
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- ★ 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.

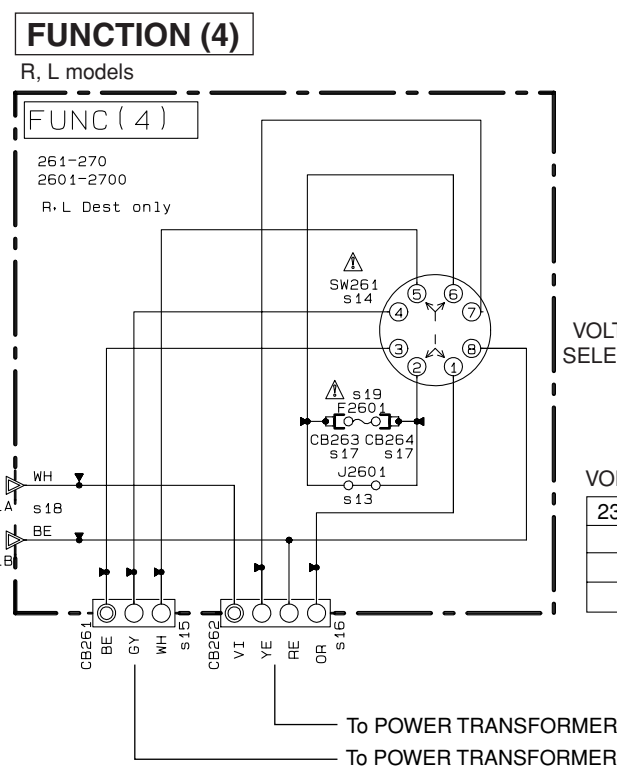
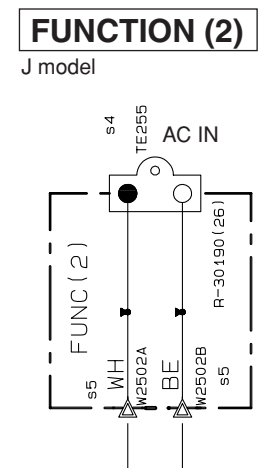
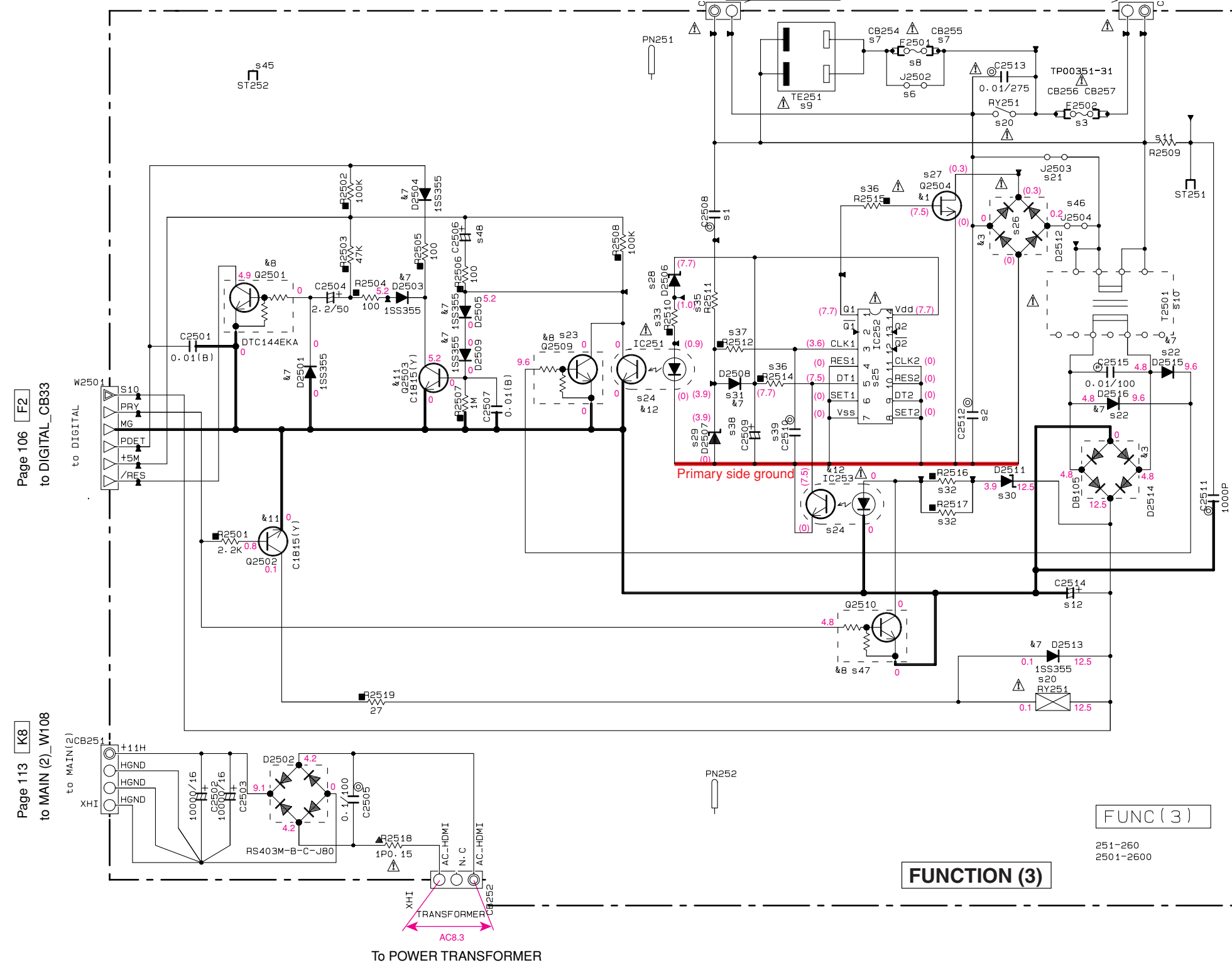
- 電圧は、内部抵抗10M Ω の電圧計で測定しています。
- 1.1の印のある部品は、安全性確保部品を示しています。部品の交換が必要な場合、パーツリストに記載されている部品を使用してください。
- 本回路図は標準回路図です。改良のため予告なく変更することがございます。



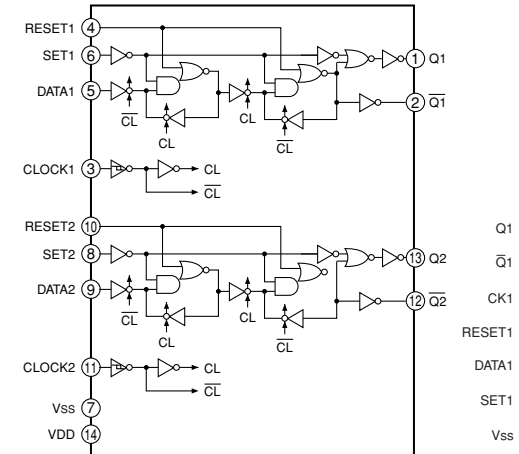
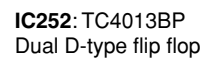
CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	H
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	H
●	CERAMIC TUBULAR CAPACITOR	
⊙	POLYESTER FILM CAPACITOR	
⊖	POLYSTYRENE FILM CAPACITOR	
⊕	MICA CAPACITOR	
Ⓟ	POLYPROPYLENE FILM CAPACITOR	H
⊗	SEMICONDUCTIVE CERAMIC CAPACITOR	

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

(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



sXX	LOC	J	U	R	C	T	A	B	GEF	L	K
91	C2508	MJ36120 0.477/630	X	MJ36180 0.022/630	X	MJ36180 0.022/630	MJ36180 0.022/630	MJ36180 0.022/630	MJ36180 0.022/630	MJ36180 0.022/630	MJ36180 0.022/630
92	F2512	MW69630 0.1/460	X	MW69760 0.147/800	X	MW69760 0.147/800	MW69760 0.147/800	MW69760 0.147/800	MW69760 0.147/800	MW69760 0.147/800	MW69760 0.147/800
93	F2502	MK41080 10A125V	MK41080 10A125V	MK41080 10A125V	MK41080 10A125V	KB00078 T5AL250V	KB00078 T5AL250V	KB00078 T5AL250V	KB00078 T5AL250V	KB00078 T5AL250V	KB00078 T5AL250V
94	TE285	MW78260 R-30180/381	X	X	X	X	X	X	X	X	X
95	M2502B M2502A	VH41190 VH-ST	X	X	X	X	X	X	X	X	X
96	J2502	VN50000	X	X	X	X	X	X	X	X	X
97	CB254 CB255	X	MN10300 TP00351-31	MN10300 TP00351-31	MN10300 TP00351-31	MN10300 TP00351-31	MN10300 TP00351-31	MN10300 TP00351-31	MN10300 TP00351-31	MN10300 TP00351-31	MN10300 TP00351-31
98	F2501	X	MK41080 10A125V	VT94290 T2.5AH250V	MK41080 10A125V	VT94290 T2.5AH250V	VT94290 T2.5AH250V	VT94290 T2.5AH250V	VT94290 T2.5AH250V	VT94290 T2.5AH250V	VT94290 T2.5AH250V
99	TE251	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214	VU54310 S2-76AT-214
100	T2501	XW60540 XW605	XW60640	XK35140	XW60640 XW605	XW60840	XW60840	XW60840	XW60840	XW60840	XW60840
101	R2509	X	V673000 1/0PZ-2K	X	V673000 1/0PZ-2K	X	X	X	X	X	X
102	C2514	UU24933 3300/25	UU24933 3300/25	MW4730	UU24933 3300/25	UU24933 3300/25	UU24933 3300/25	UU24933 3300/25	UU24933 3300/25	UU24933 3300/25	UU24933 3300/25
103	J2601	X	X	X	X	X	X	X	X	VN50000	X
104	SW261	X	X	MW49370 RB140246	X	X	X	X	X	MW37370 RB140254	X
105	CB261	X	X	VY37780 B3PS5-VH	X	X	X	X	X	VY37780 B3PS5-VH	X
106	CB262	X	X	VY37790 B4PT5-VH	X	X	X	X	X	VY37790 B4PT5-VH	X
107	CB264 CB263	X	X	MN10300 TP00351-31	X	X	X	X	X	X	X
108	M2601A M2601B	X	X	MW79700 VH-ST	X	X	X	X	X	MW79700 VH-ST	X
109	F2601	X	X	KS00078 T5AL250V	X	X	X	X	X	X	X
120	RY251	MJ44660 ALK1321-M01	MJ44660 ALK1321-M01	VY93690 DL5901-DIM10-25	MJ44660 ALK1321-M01	MJ44660 ALK1321-M01	MJ44660 ALK1321-M01	MJ44660 ALK1321-M01	MJ44660 ALK1321-M01	MJ44660 ALK1321-M01	MJ44660 ALK1321-M01
121	J2503	X	VN50000	X	VN50000	X	X	X	X	X	X
122	D2515 D2516	X	VT33290 ISS395	X	VT33290 ISS395	X	X	X	X	X	X
123	Q2509	X	VY65570 DTC144EKA	X	VY65570 DTC144EKA	X	X	X	X	X	X
124	IC251 IC251	V810050 TLP421GR	X	V810050 TLP421GR	X	V810050 TLP421GR	V810050 TLP421GR	V810050 TLP421GR	V810050 TLP421GR	V810050 TLP421GR	V810050 TLP421GR
125	IC252	I000118 TC4013BP	X	I000118 TC4013BP	X	I000118 TC4013BP	I000118 TC4013BP	I000118 TC4013BP	I000118 TC4013BP	I000118 TC4013BP	I000118 TC4013BP
126	D2512	MW47170 DB105	X	MW47170 DB105	X	MW47170 DB105	X	X	X	MW47170 DB105	X
127	Q2504	MK74120 K3950-E	X	MK74120 K3950-E	X	MK74120 K3950-E	MK74120 K3950-E	MK74120 K3950-E	MK74120 K3950-E	MK74120 K3950-E	MK74120 K3950-E
128	D2506	VY99380 MA8100-M	X	VY99380 MA8100-M	X	VY99380 MA8100-M	VY99380 MA8100-M	VY99380 MA8100-M	VY99380 MA8100-M	VY99380 MA8100-M	VY99380 MA8100-M
129	D2507	VY99540 MA8100-M	X	VY99540 MA8100-M	X	VY99540 MA8100-M	VY99540 MA8100-M	VY99540 MA8100-M	VY99540 MA8100-M	VY99540 MA8100-M	VY99540 MA8100-M
130	D2511	VY99490 MA8091-L	X	VY99490 MA8091-L	X	VY99490 MA8091-L	VY99490 MA8091-L	VY99490 MA8091-L	VY99490 MA8091-L	VY99490 MA8091-L	VY99490 MA8091-L
131	D2508	VT33290 ISS395	X	VT33290 ISS395	X	VT33290 ISS395	VT33290 ISS395	VT33290 ISS395	VT33290 ISS395	VT33290 ISS395	VT33290 ISS395
132	R2517 R2510	RD35622 2-2K	X	RD35622 2-2K	X	RD35622 2-2K	RD35622 2-2K	RD35622 2-2K	RD35622 2-2K	RD35622 2-2K	RD35622 2-2K
133	R2510	RD35510 100	X	RD35510 100	X	RD35510 100	RD35510 100	RD35510 100	RD35510 100	RD35510 100	RD35510 100
134	R2511	HF35622 1/2PZ-2K	X	HF35622 1/2PZ-2K	X	HF35622 1/2PZ-2K	HF35622 1/2PZ-2K	HF35622 1/2PZ-2K	HF35622 1/2PZ-2K	HF35622 1/2PZ-2K	HF35622 1/2PZ-2K
135	R2514 R2515	RD39882 220K	X	RD39882 220K	X	RD39882 220K	RD39882 220K	RD39882 220K	RD39882 220K	RD39882 220K	RD39882 220K
136	R2512	RD35910 1M	X	RD35910 1M	X	RD35910 1M	RD35910 1M	RD35910 1M	RD35910 1M	RD35910 1M	RD35910 1M
137	C2509	UR86610 1/50	X	UR86610 1/50	X	UR86610 1/50	UR86610 1/50	UR86610 1/50	UR86610 1/50	UR86610 1/50	UR86610 1/50
138	C2510	UA65347 4700P	X	UA65347 4700P	X	UA65347 4700P	UA65347 4700P	UA65347 4700P	UA65347 4700P	UA65347 4700P	UA65347 4700P
139	PJ293	X	X	X	X	X	X	MW61270 MSF-9420-31N1	X	X	X
140	N2505	X	X	X	X	X	X	MW75660 SAN-PH	X	X	X
141	R2078 R2113	X	X	X	X	X	X	RD39547 470	X	X	X
142	R2088 R2112	X	X	X	X	X	X	RD39547 470K	X	X	X
143	C2101 C2086	X	X	X	X	X	X	US06147 47P1CH1	X	X	X
144	ST252	X	X	X	X	X	X	X	X	X	V404050
145	J2504	VN50000	X	VN50000	X	VN50000	VN50000	VN50000	VN50000	VN50000	VN50000
146	Q2510	VY65570 DTC144EKA	X	X	X	VY65570 DTC144EKA	VY65570 DTC144EKA	VY65570 DTC144EKA	VY65570 DTC144EKA	VY65570 DTC144EKA	VY65570 DTC144EKA
147	C2506	UR86622 2-2/50	UR86610 1/50	UR86622 2-2/50	UR86610 1/50	UR86622 2-2/50	UR86622 2-2/50	UR86622 2-2/50	UR86622 2-2/50	UR86622 2-2/50	UR86622 2-2/50



INPUTS				OUTPUTS	
RESET	SET	DATA	CK Δ	Qn + 1	Qn + 1
L	H	*	*	H	L
H	L	*	*	L	H
H	H	*	*	H	H
L	L	L	Δ	L	H
L	L	H	Δ	H	L
L	L	*	L	Qn'	Qn'

* : Don't care
 Δ : Level change
 ' : No change

- 111

OPERATION

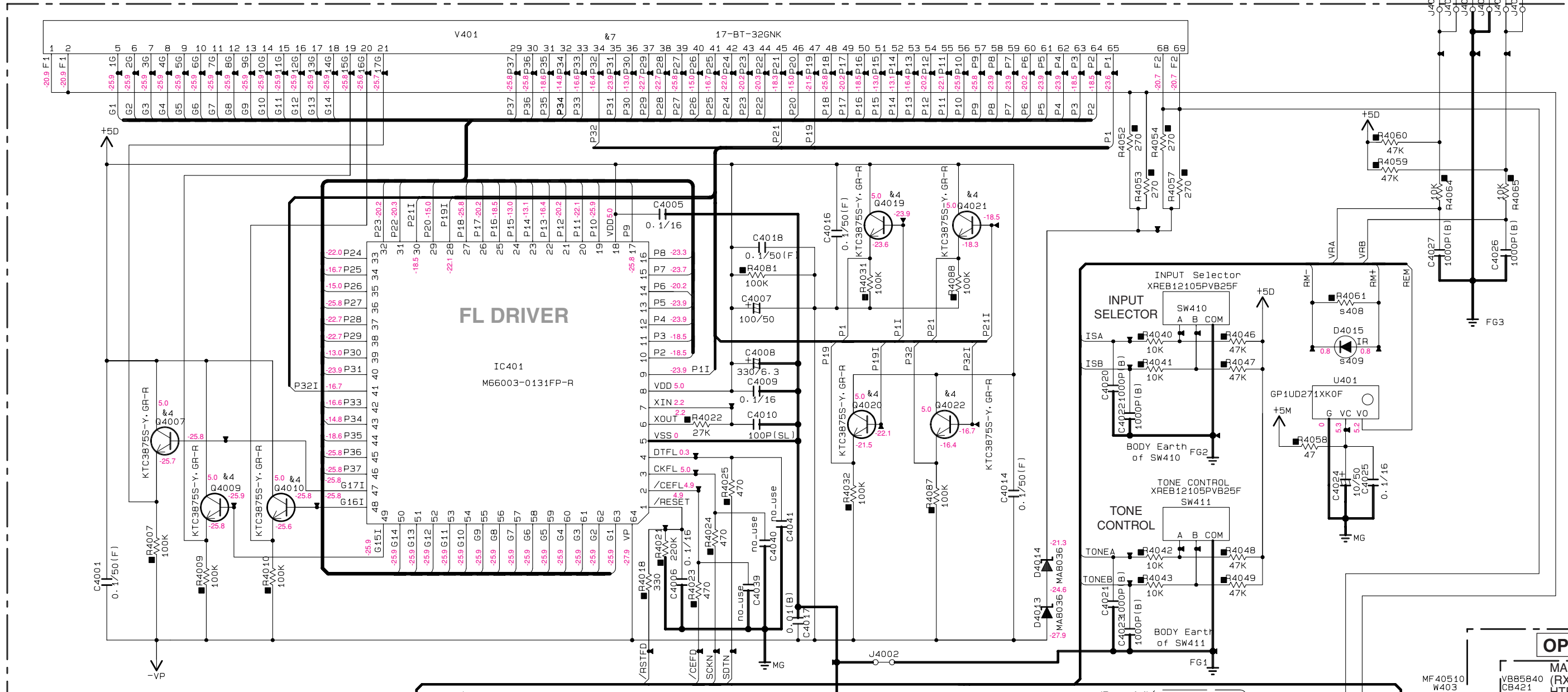
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
⊠	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
▴	METAL FILM RESISTOR
▢	METAL PLATE RESISTOR
⊞	FIRE PROOF CARBON FILM RESISTOR
□	CEMENT MOLDED RESISTOR
⊘	SEMI VARIABLE RESISTOR
■	CHIP RESISTOR

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 (model)

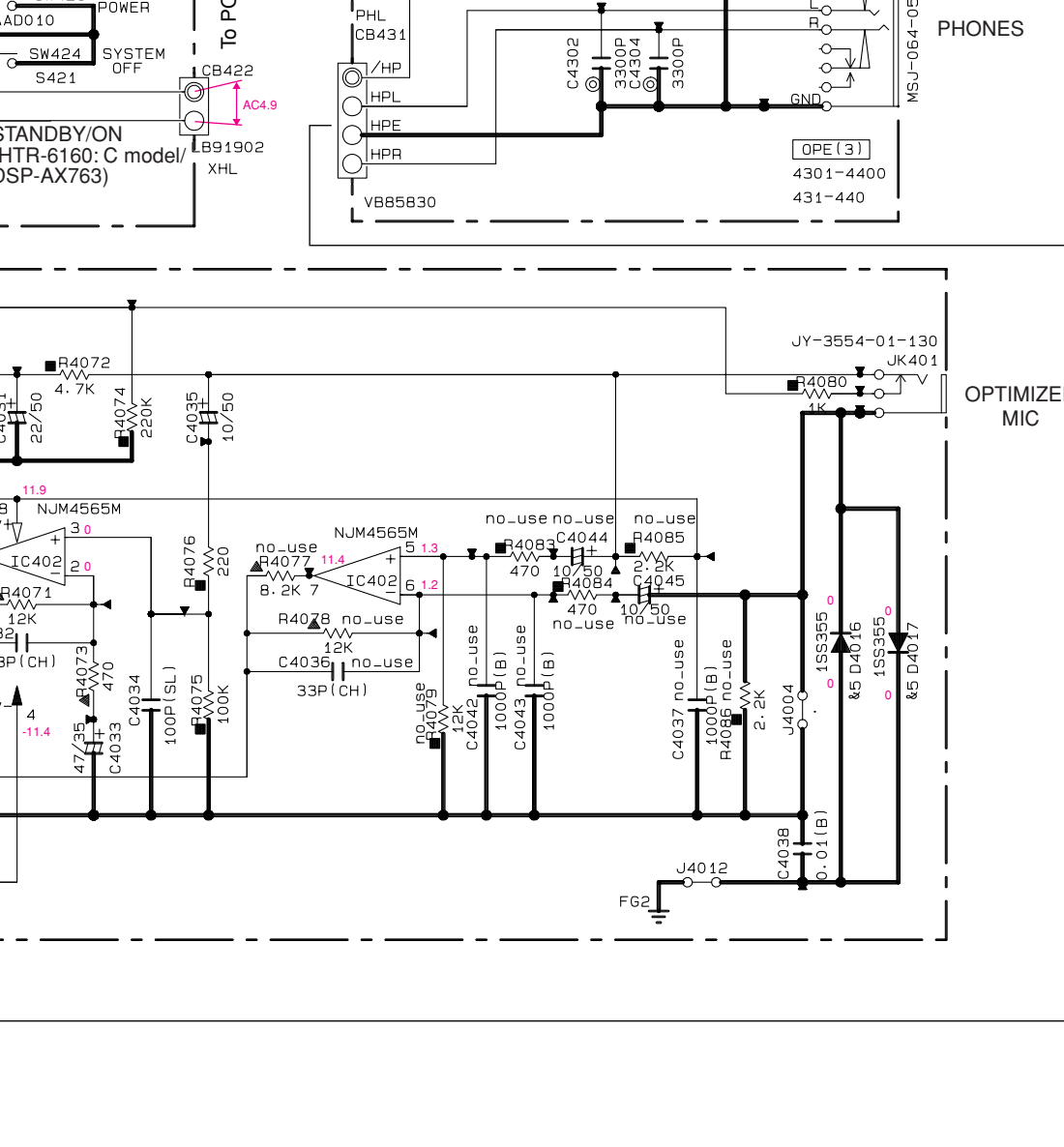
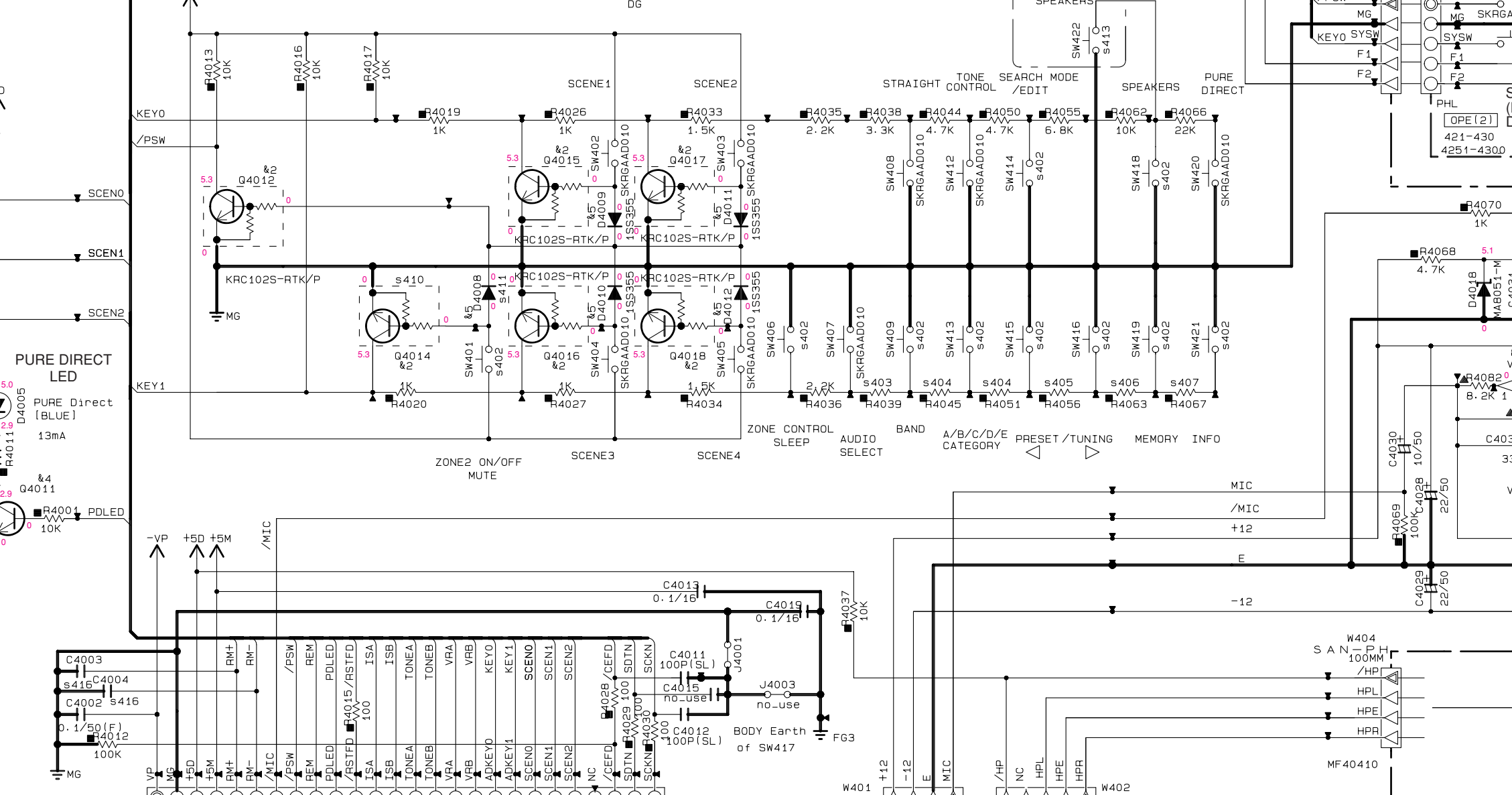
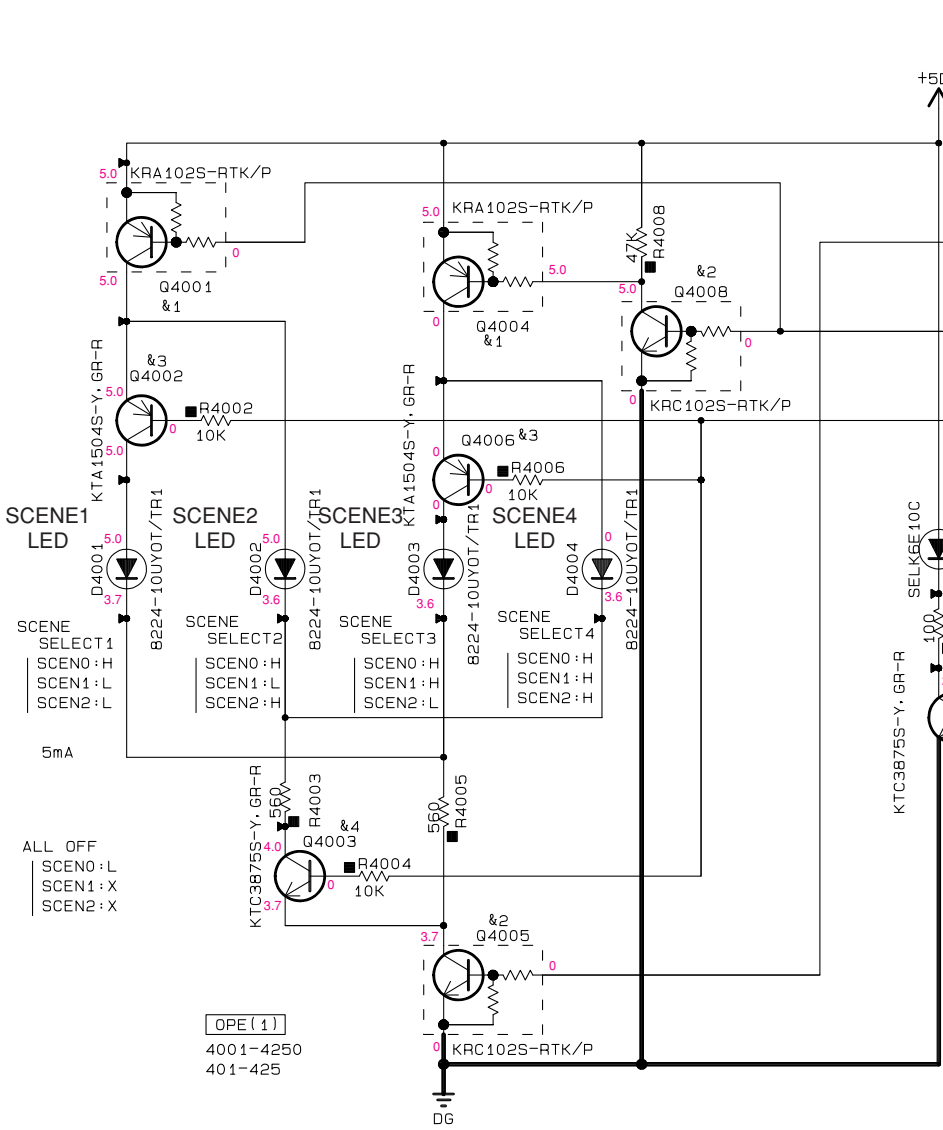
(J)..... JAPAN
(U)..... U.S.A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN

Destination Part List	DSP-AX763	RX-V663	DSP-AX763	HTR-6160
s402	SW415 SW419 SW416 SW421 SW418 SW414 SW401 SW413 SW409 SW406	WD48310 SKRGAAD010	X	WD48310 SKRGAAD010
s403	R4039	RD35633 3.3K	X	RD35633 3.3K
s404	R4045 R4051	RD35647 4.7K	X	RD35647 4.7K
s405	R4056	RD35668 5.6K	X	RD35668 5.6K
s406	R4063	RD35710 10K	X	RD35710 10K
s407	R4067	RD35722 22K	X	RD35722 22K
s408	R4061	X	X	RD35710 10K
s409	D4015	X	X	V25960 S1R-505ST447
s410	D4014	WC43500 KRC102S-RTK/P	X	WC43500 KRC102S-RTK/P
s411	D4008	X	X	VT33290 15S355
s413	SW422	X	X	WD48310 SKRGAAD010
s416	C4003 C4004	X	X	US06310 1000P(B)
s421	SW424	X	X	WD48310 SKRGAAD010
s441	J4401	X	X	RD35000 0
s442	C4409	US13510 0.1/16	X	X

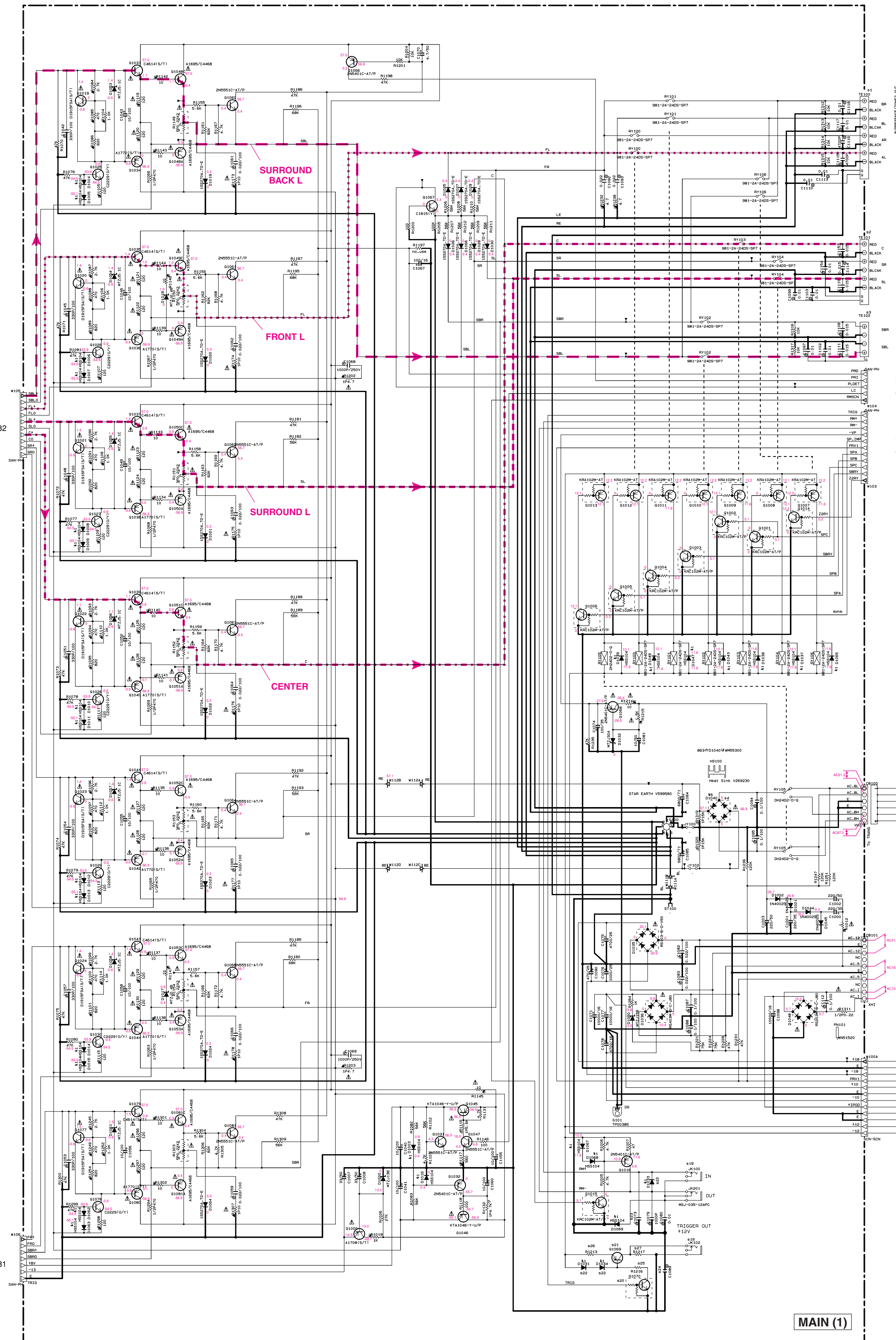


Mark	Reference Parts Number	Parts Name
k1	G4001-4004	KRA102S-RTK/P DTA114EKA
k2	G4005-4008-4012- G4014-4018	KRC102S-RTK/P DTC114EKA
k3	G4002-4006	KT1504S-Y-GR-RTK/P A1037AK(G/R/S)
k4	G4003-4007-4009-4011- 4019-4022	KTC3875S-Y-GR-RTK/P C2412K(G/R/S) 2880UM(M/L/W/S)
k5	15S355 M42J1106L K05160(M/W/S)	15S355 M42J1106L K05160(M/W/S)
k6	IC441	TC7SET32FU SN74AHCT1632DCKR
k7	V401	17-BT-358NK HNA-17MK05T

OPERATION (1)



MAIN

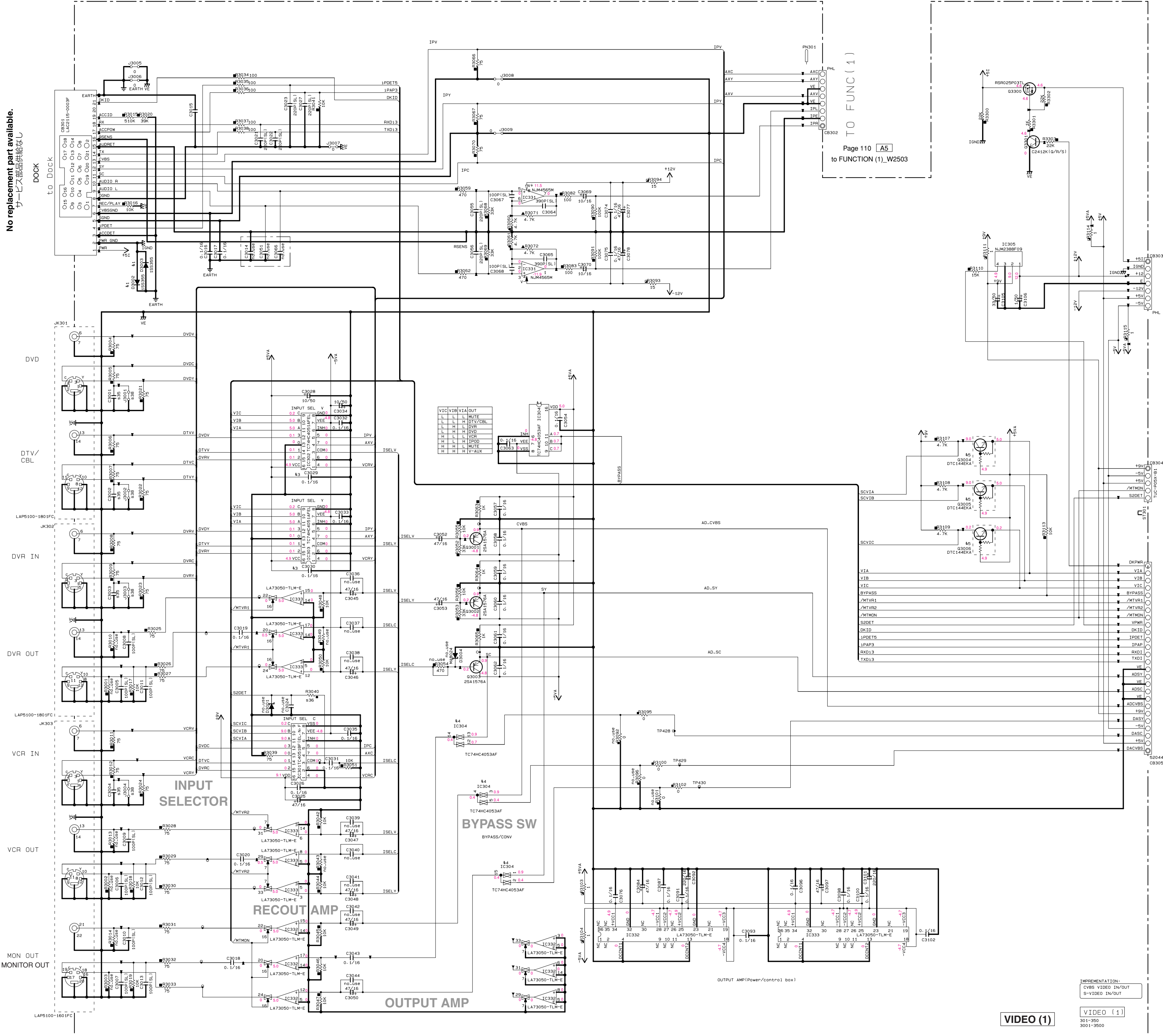


DESIGNATION	PART LIST
xxx	LOC
x1	TR100
x2	TR101
x3	TR102
x4	TR103
x5	TR104
x6	TR105
x7	TR106
x8	TR107
x9	TR108
x10	TR109
x11	TR110
x12	TR111
x13	TR112
x14	TR113
x15	TR114
x16	TR115
x17	TR116
x18	TR117
x19	TR118
x20	TR119
x21	TR120
x22	TR121
x23	TR122
x24	TR123
x25	TR124
x26	TR125
x27	TR126
x28	TR127
x29	TR128
x30	TR129
x31	TR130
x32	TR131
x33	TR132
x34	TR133
x35	TR134
x36	TR135
x37	TR136
x38	TR137
x39	TR138
x40	TR139
x41	TR140
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x525	TR624
x526	TR625
x527	TR626
x528	TR627
x529	TR628
x530	TR629

VIDEO 1/2

No replacement part available.
サービス部品供給なし

VIDEO



Interchangeable Parts at Manufacture-Stage

Item	Reference	Parts Number	Parts Name
A1	D3002-3003-3500-3504	3506	ISS355 M82J1100L KDS160-RTK/P
A2	IC383		TC74HC4052AF(TEL-F) NM74HC4052JXJL-NL
A3	IC302-303		TC74HC40514FEL NM74HC4051JXJL-NL
A4	IC304		TC74HC4053AF(TEL-F) NM74HC4053JXJL-NL
A5	D3004-3006		DT144EK4 KRC1045-RTK/P
A6	D3501		KRC1025-RTK/P DT114EK4

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

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

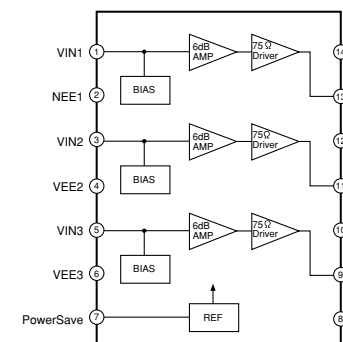
Destination Part List			
#XX	LOC	J	UCRTKABGEFL
#35	C3004 C3002 C3001 C3003	US13510 0.1/16	X
#36	R3040	RD35510 1K	X
#38	J3002 J3004 J3001 J3003	X	RD35000 0

Destination Part List			
sxx	LOC	J	UCRTKABGEFL
s51	C3513	US06140	X
	C3514	0.0518)	
	C3515		
	C3516		
	C3504		
	C3507		
	C3511		
	C3505		
	C3506		
	C3512		
s52	C3518	US06080	X
	C3516	BP(CH)	
	C3517		
s53	C3548	US13510	X
	C3534	0.1716	
s54	C3554	W039840	X
	C3583	YF45-3011	
	C3592		
	C3591		
s55	D3506	VT33290	X
	D3504		
	D3502		
s56	C3383	X579040	X
s58	R3513	R035510	X
	R3514		
	R3521		
	R3515		
	R3518		
	R3517		
	R3516		
	R3519		
	R3520		
	s59	R3504	
R3523		10K	
R3522			
R3539			
s60	R3526	R035475	X
	R3525	75	
	R3527		
s61	R3541	HV75310	X
	R3546		
s62	ST352		V404050

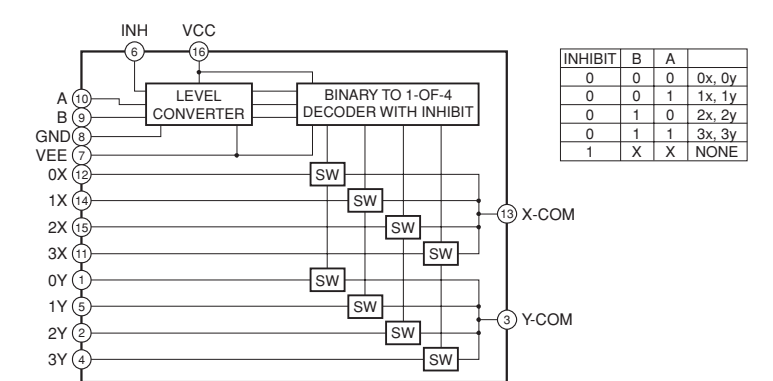
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NOTICE (model1)
(J)..... JAPAN
(U)..... U. S. A
(C)..... CANADA
(R)..... GENERAL
(T)..... CHINA
(K)..... KOREA
(A)..... AUSTRALIA
(B)..... BRITISH
(G)..... EUROPE
(L)..... SINGAPORE
(E)..... SOUTH EUROPE
(V)..... TAIWAN
(F)..... RUSSIAN
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CAPACITOR		
REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	H
⊗	TANTALUM CAPACITOR	
NO MARK	CERAMIC CAPACITOR	H
●	CERAMIC TUBULAR CAPACITOR	
○	POLYESTER FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	
①	MICA CAPACITOR	
②	POLYPROPYLENE FILM CAPACITOR	
●	SEMICONDUCTIVE CERAMIC CAPACITOR	
RESISTOR		
REMARKS	PARTS NAME	
NO MARK	CARBON FILM RESISTOR (P=5)	H
⊗	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	

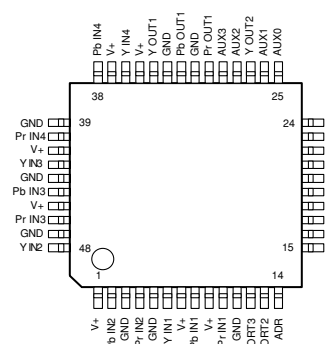
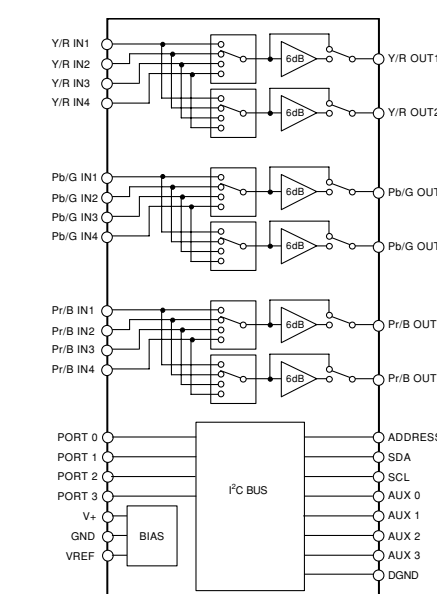
IC351: NJM2581M
Video amplifier



IC383: TC74HC4052AF
Analog multiplexer/demult



IC392: NJW1321FP1
Wide band video switch



TO FUNC(6)

Page 111 C5
to FUNCTION (6)_CB297

TO DIGITAL

Page 109 G2
to DIGITAL_CB81

VIDEO (2)

- ★ All voltages are measured with a 10M Ω /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。
- 1印のあらゆる部品は、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。