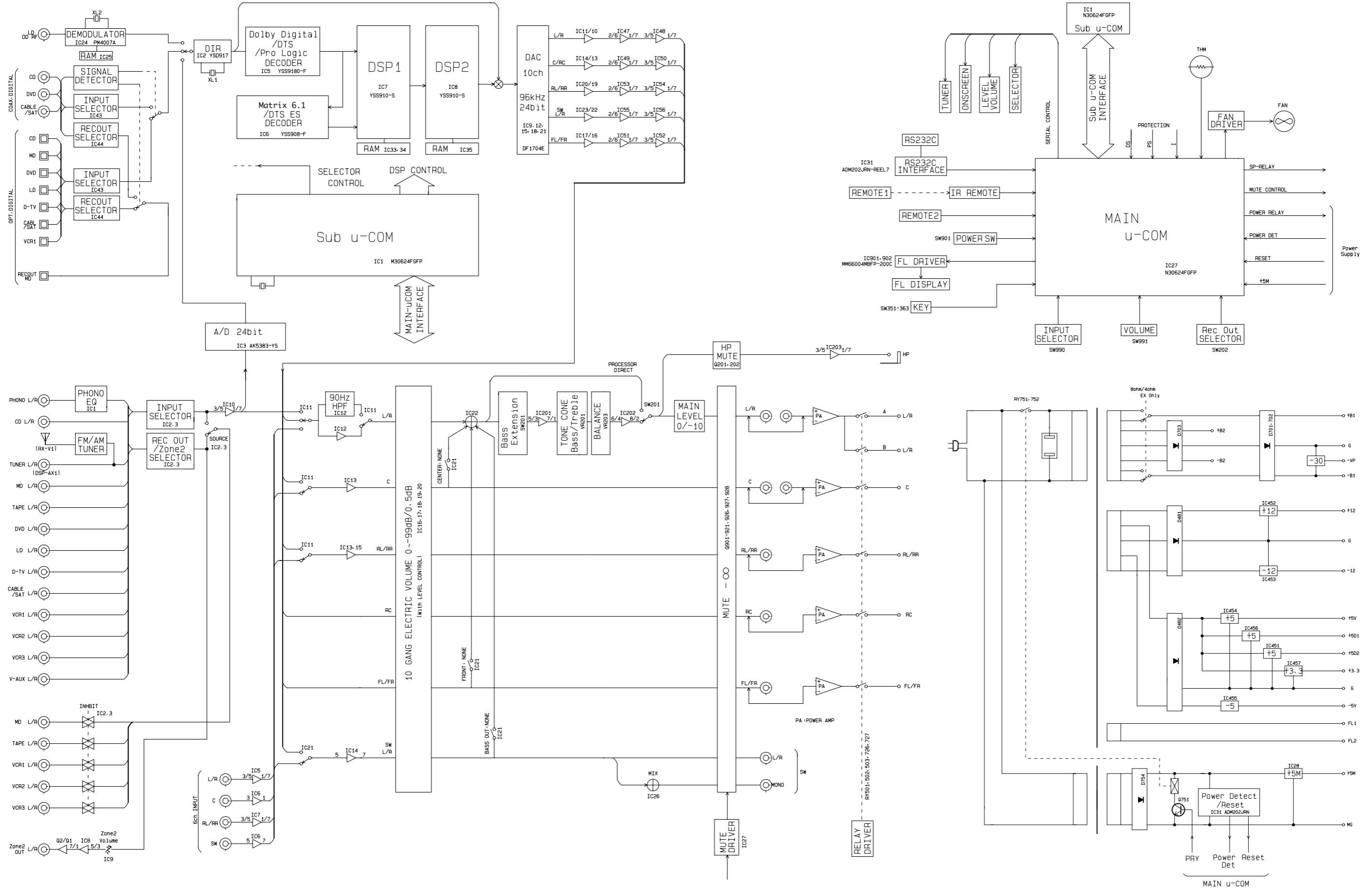


■ BLOCK DIAGRAM



■ BLOCK DIAGRAM

1

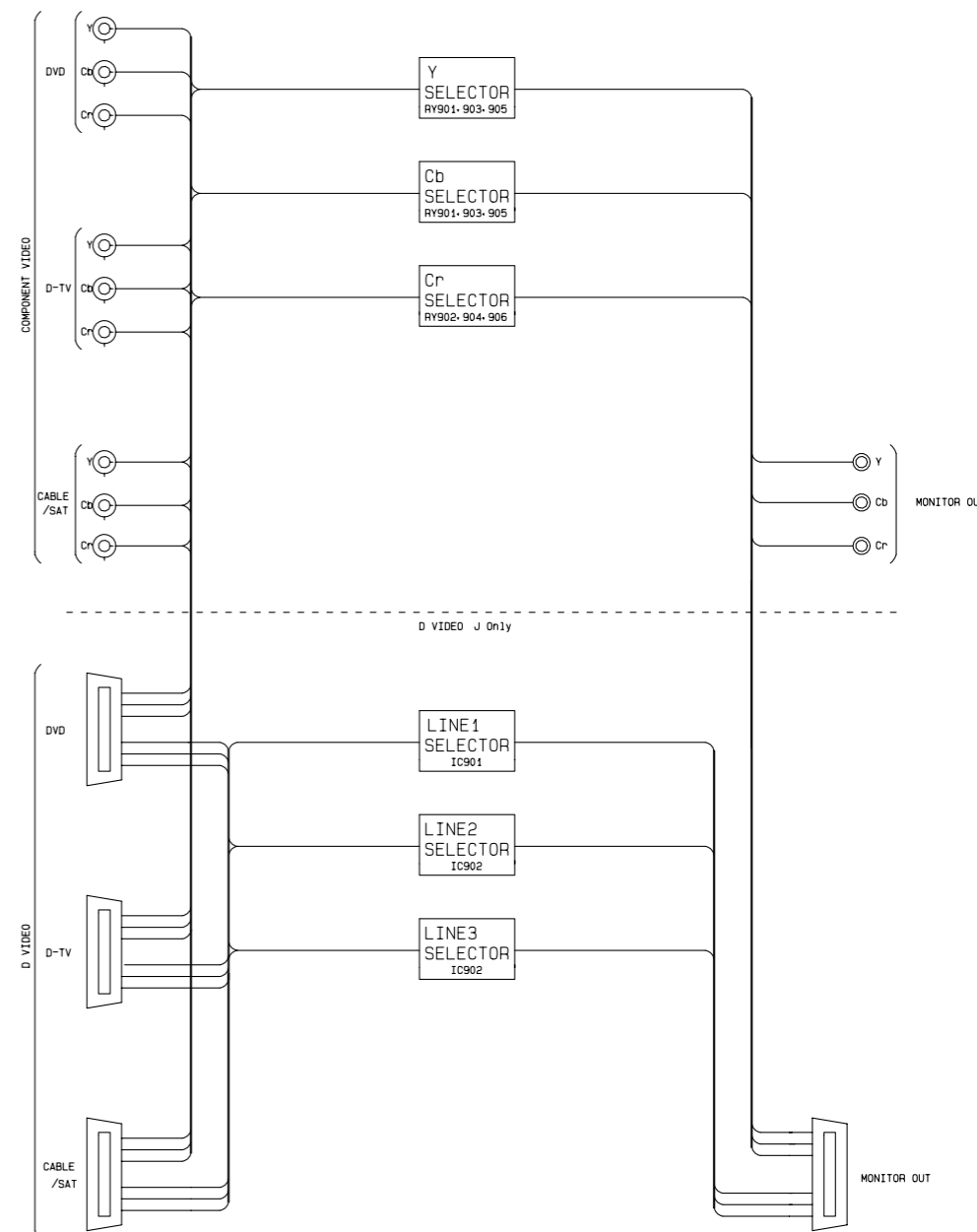
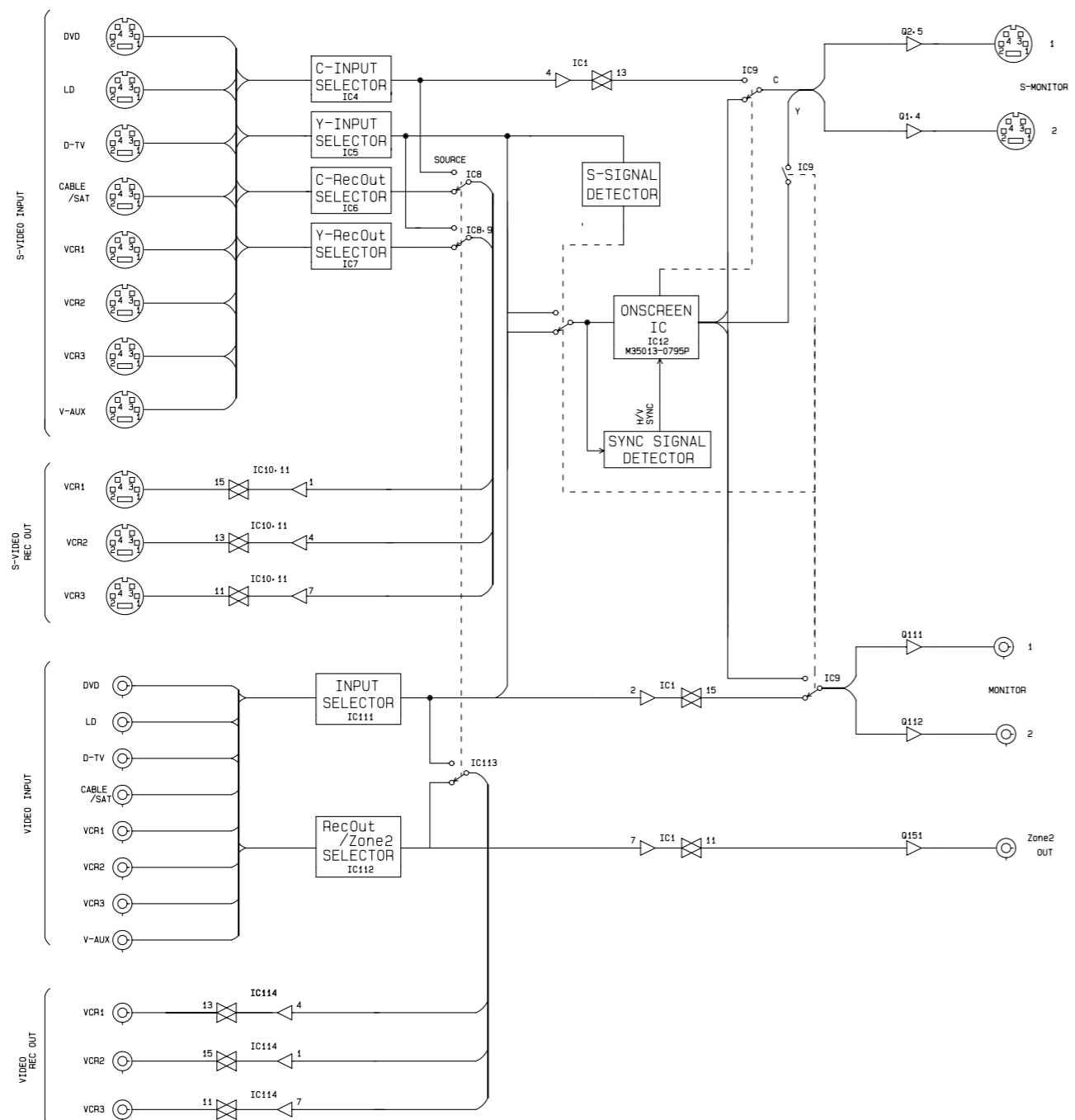
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3

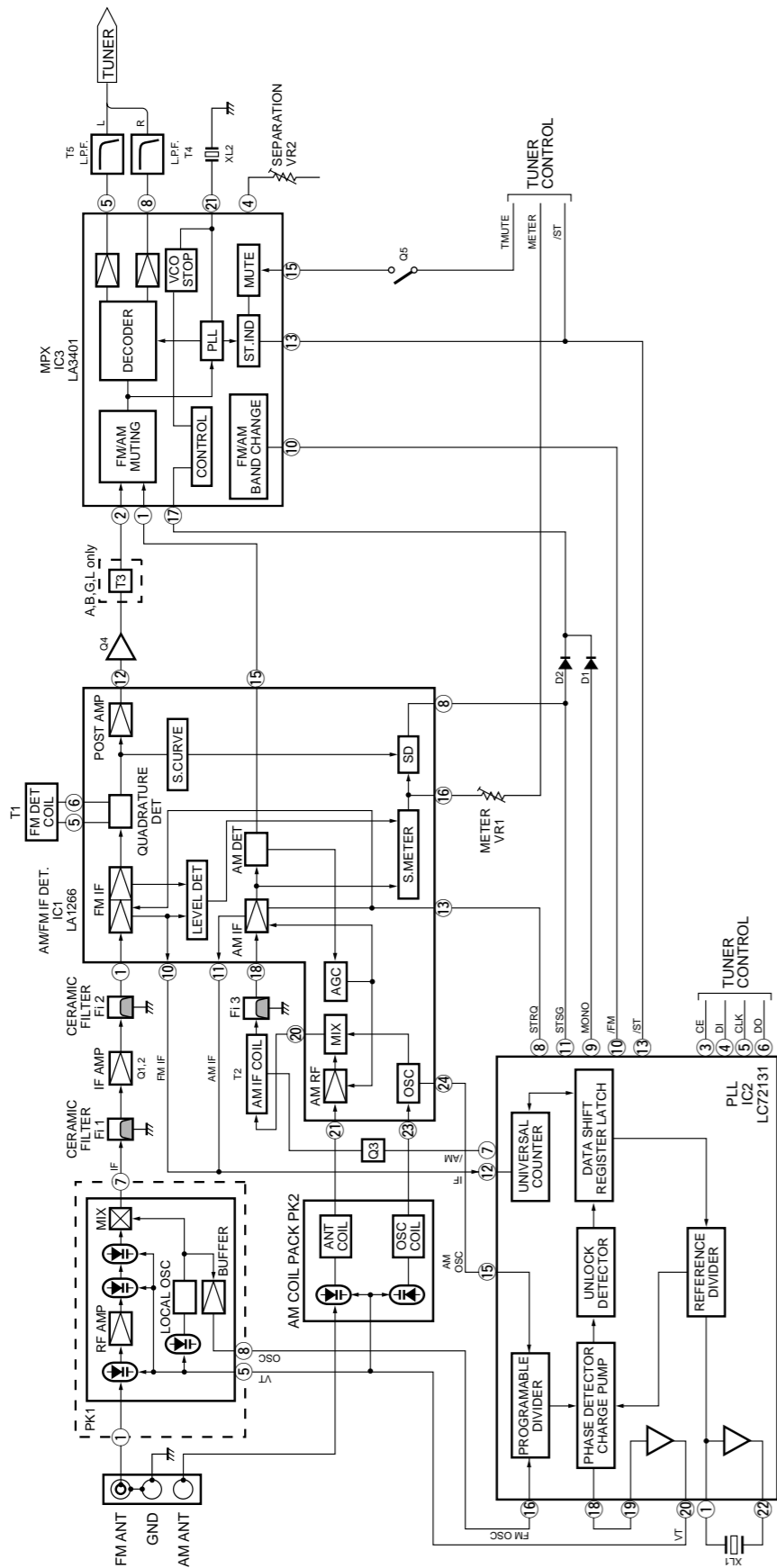
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5

6

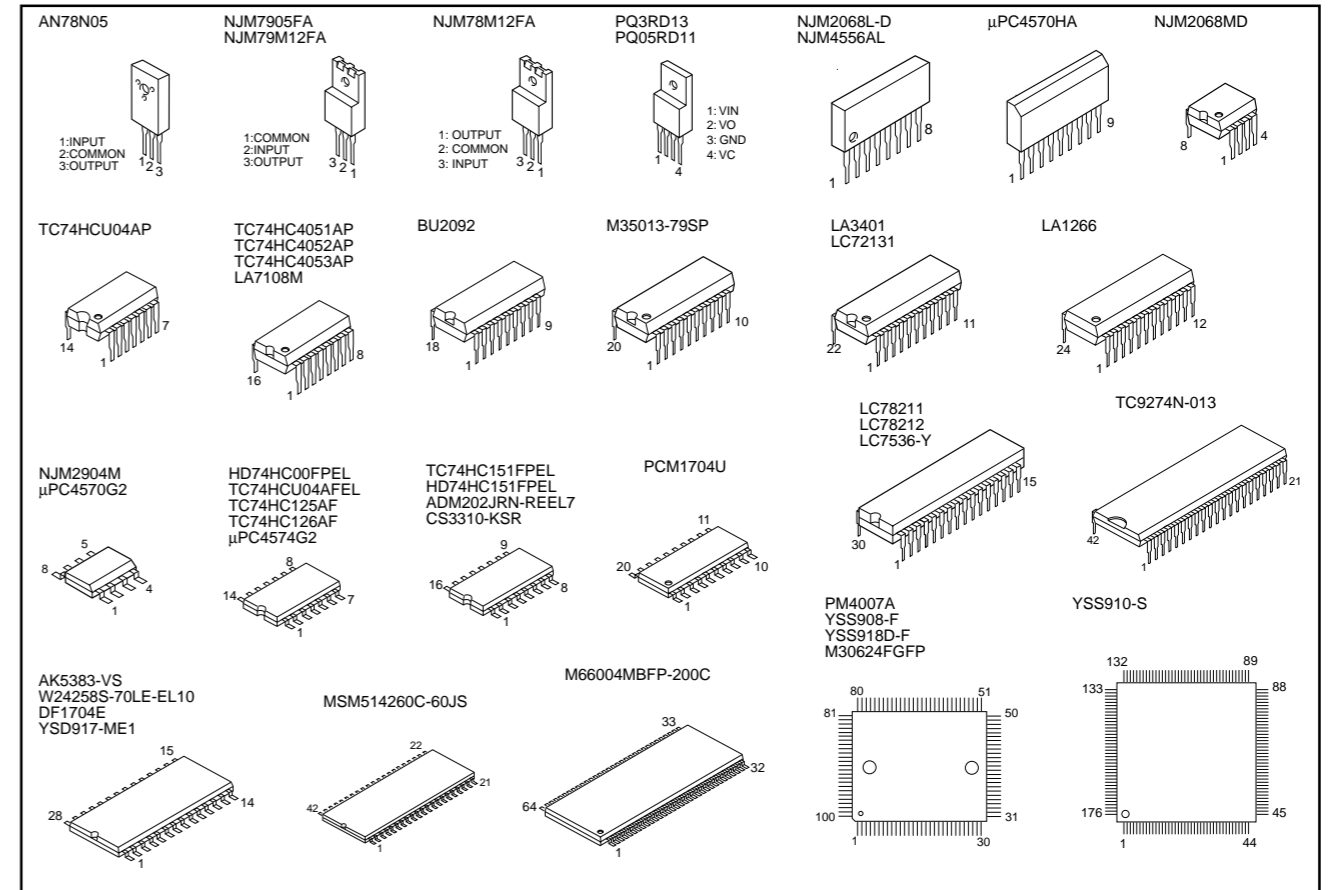


■ BLOCK DIAGRAM (TUNER : RX-V1 only)

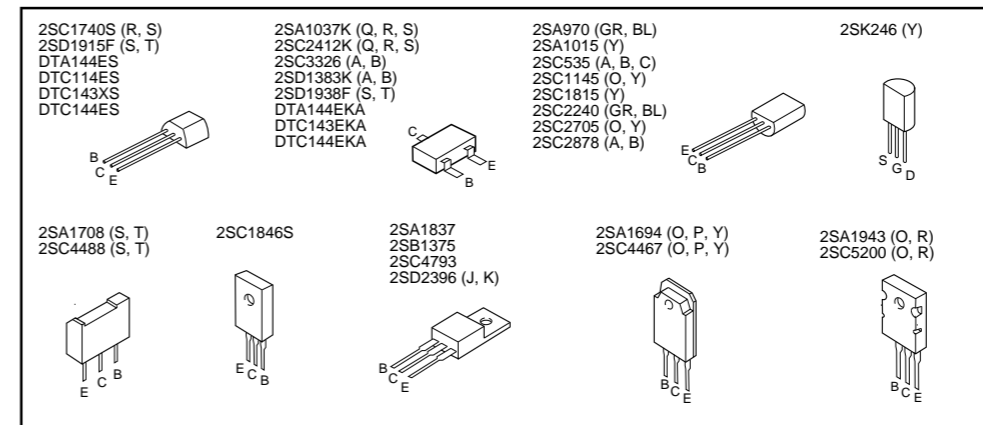


■ PIN CONNECTION DIAGRAM

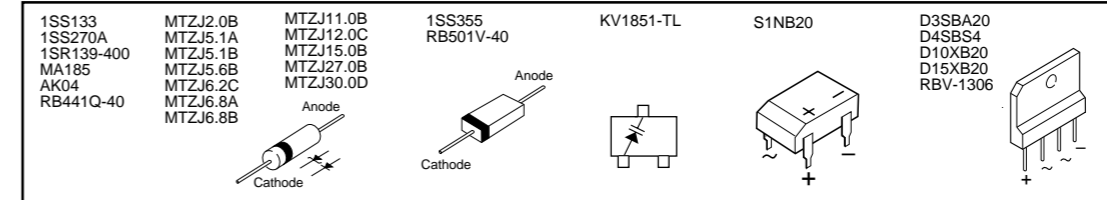
● ICs



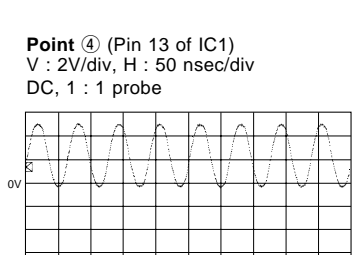
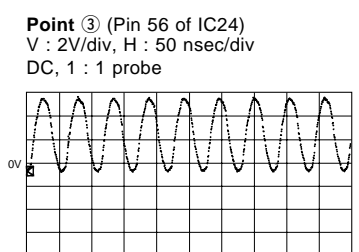
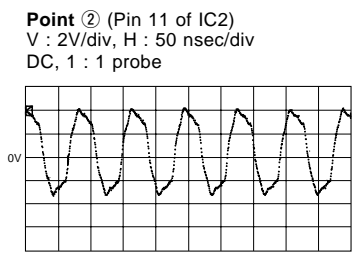
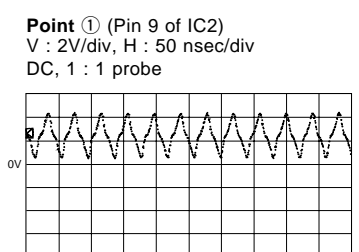
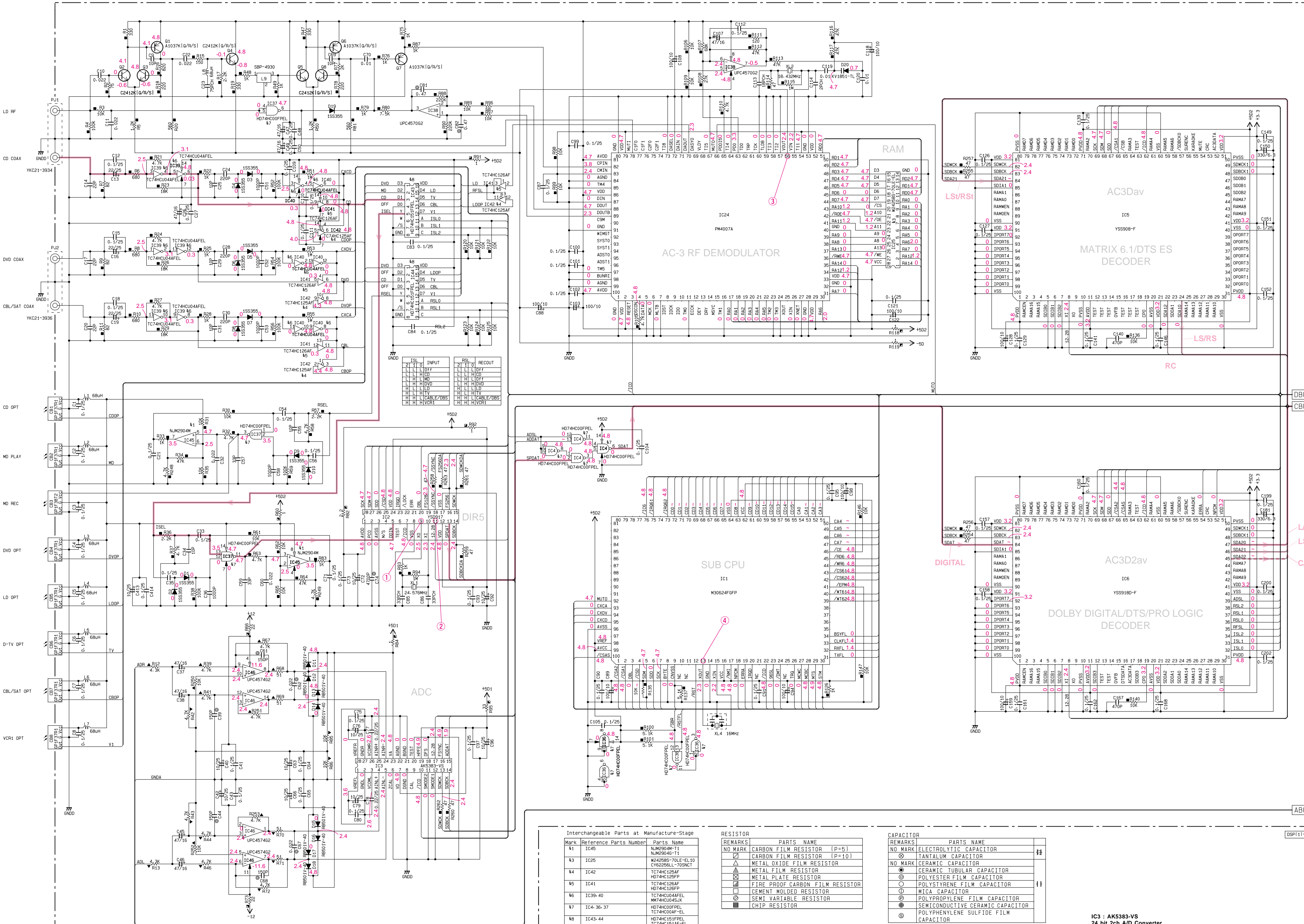
● Transistors



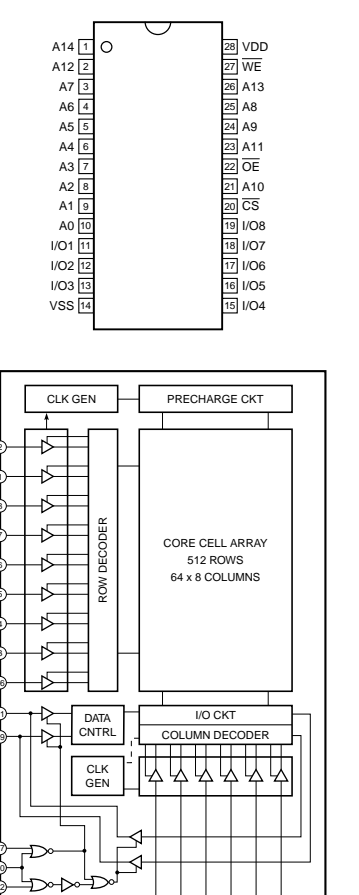
● Diodes



SCHEMATIC DIAGRAM (DSP(1)-1)



IC25 : W24258S-70LE-EL10  
32K X 8 bits Static RAM



Interchangeable Parts at Manufacturer's Stage

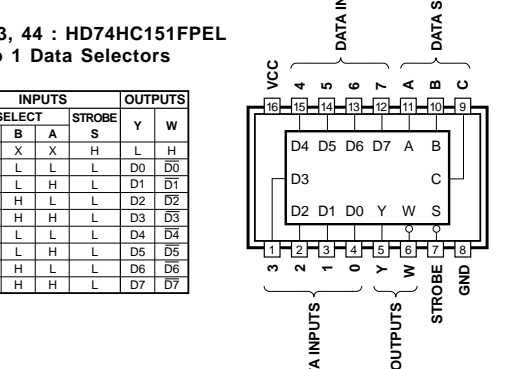
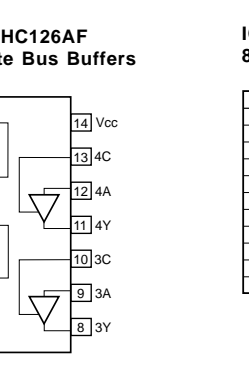
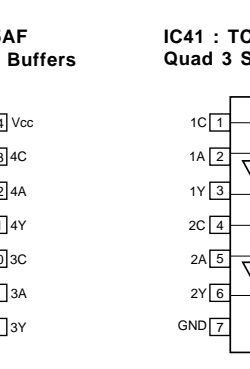
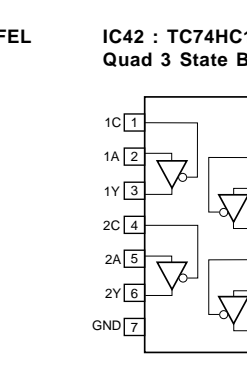
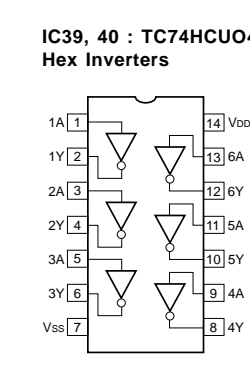
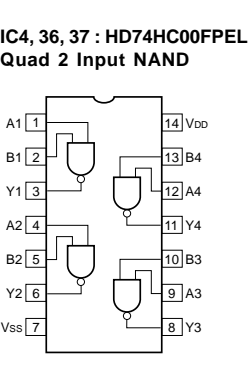
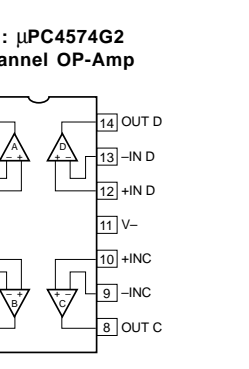
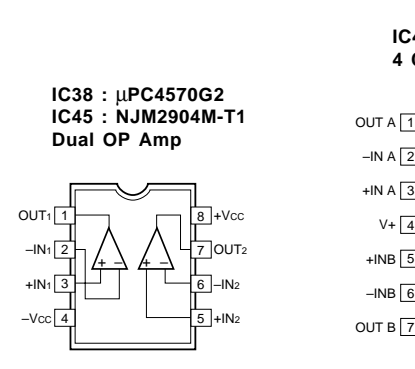
Mark	Reference Parts Number	Parts Name
41	IC46	NJM2904M-T1
43	IC25	W24258S-70LE-EL10
44	IC42	TC74HC125AF
45	IC41	TC74HC126AF
46	IC39-40	TC74HC04AFEL
47	IC4-36-37	HD74HC00FPEL
48	IC43-44	HD74HC151FPEL

RESISTOR PARTS NAME

NO MARK	CARBON FILM RESISTOR [P=5]
NO MARK	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 PARTS NAME

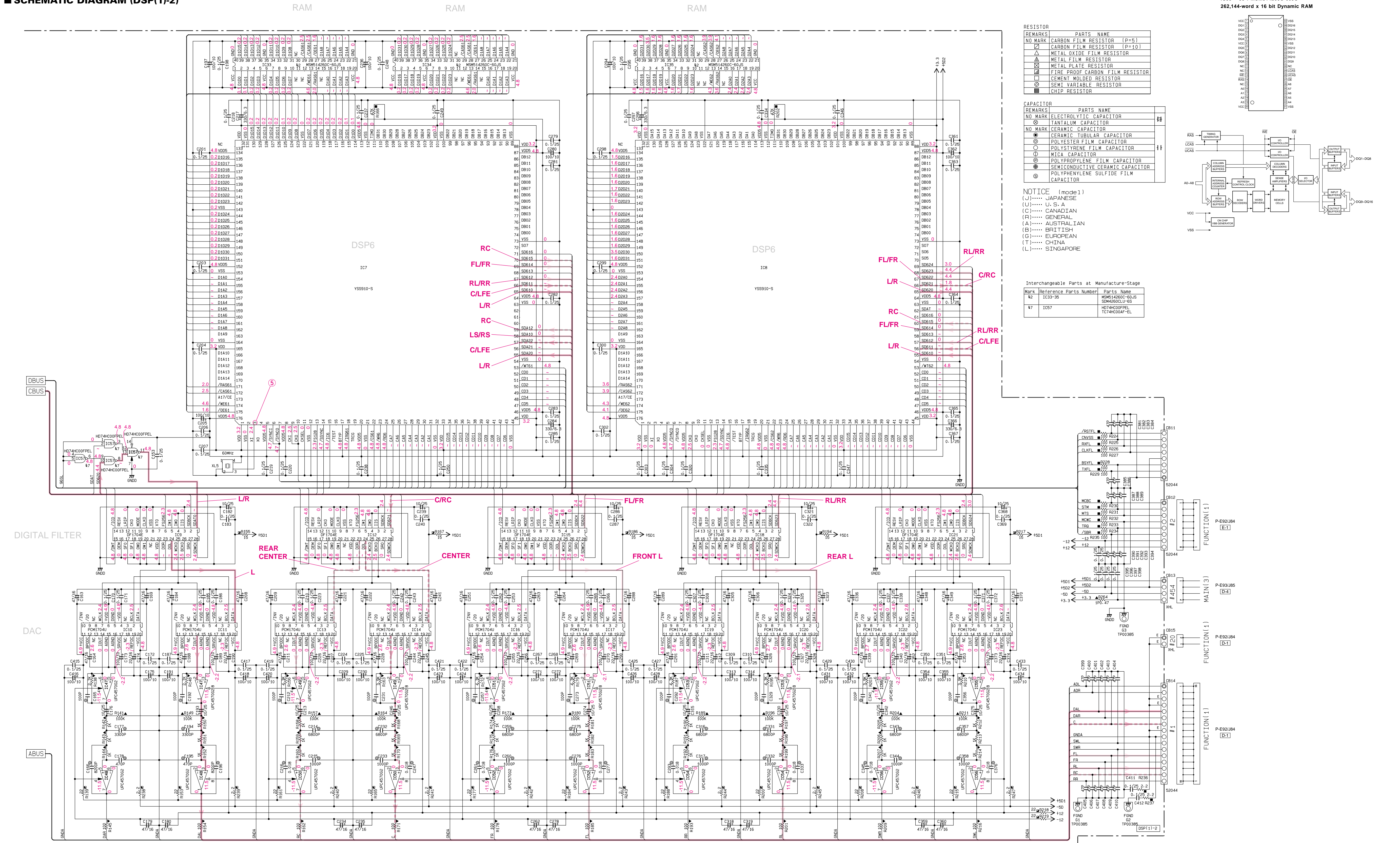
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
⊙	CERAMIC TUBULAR CAPACITOR
⊚	POLYESTER FILM CAPACITOR
⊛	FIRE-PROOF CARBON FILM CAPACITOR
⊜	MICA CAPACITOR
⊝	POLYPROPYLENE FILM CAPACITOR
⊞	SEMICONDUCTIVE CERAMIC CAPACITOR
⊟	POLYETHYLENE SULFIDE FILM CAPACITOR



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



SCHEMATIC DIAGRAM (DSP(1)-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

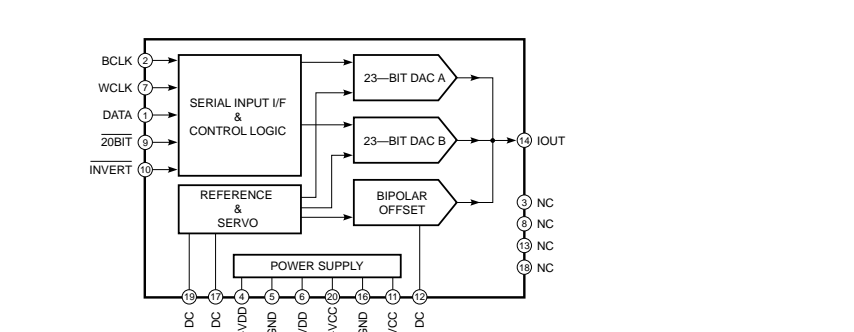
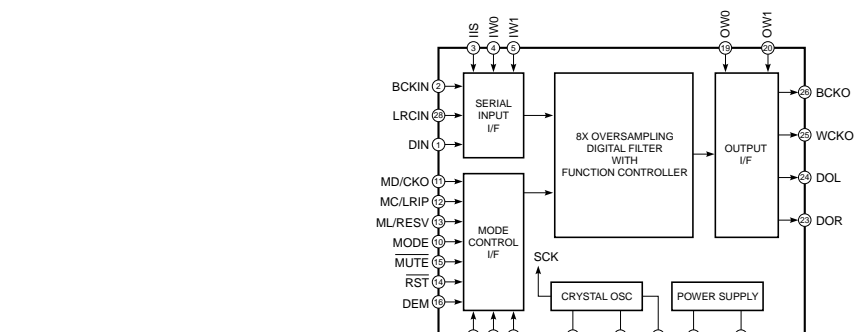
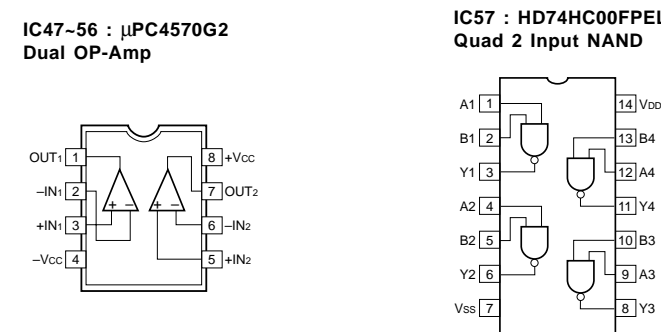
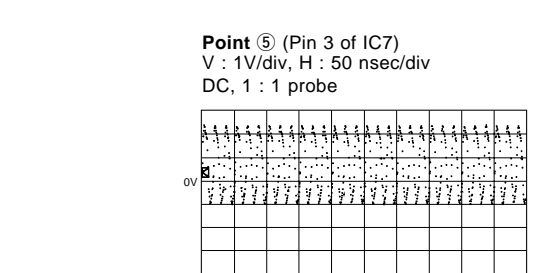
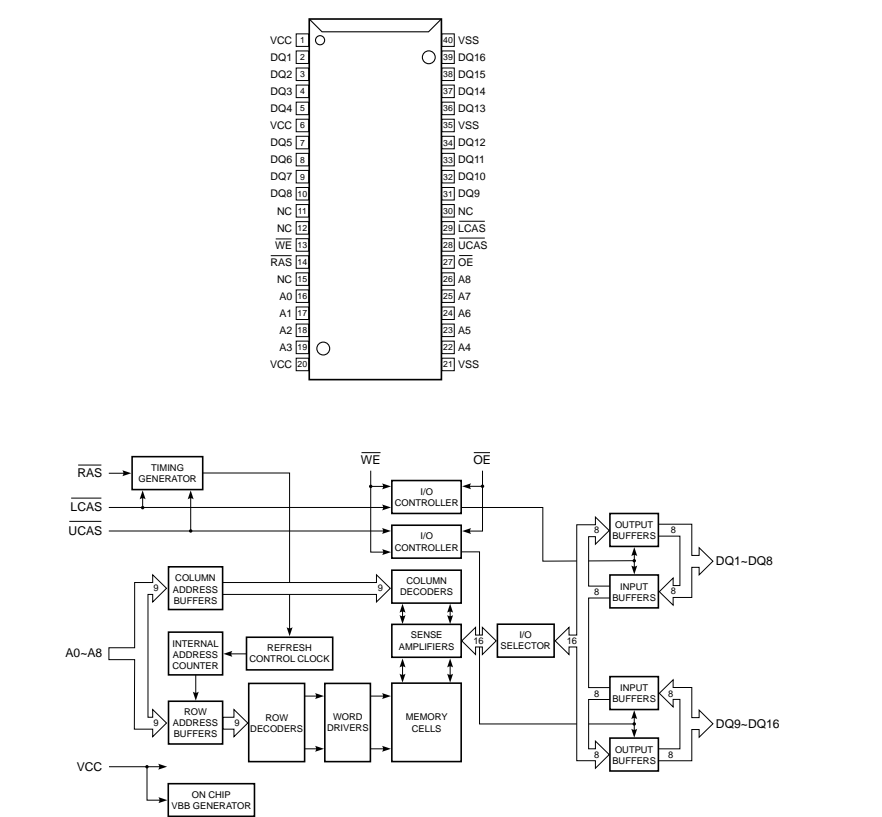
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
○	TANTALUM CAPACITOR
○	CERAMIC CAPACITOR
○	CERAMIC TUBULAR CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
○	MICA CAPACITOR
○	POLYPROPYLENE FILM CAPACITOR
○	SEMICONDUCTIVE CERAMIC CAPACITOR
○	POLYPHENYLENE SULFIDE FILM CAPACITOR

NOTICE (model)

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

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
42	IC33-35	MSM514260C-60JS
47	IC57	HD74HC00FPEL TC74HC00AP-EL



- All voltage are measured with a 10M $\Omega$ /V DC electric voltmeter.
- Components having special characteristics are marked  $\Delta$  and must be replaced with parts having specifications equal to those originally installed.
- Schematic diagram is subject to change without notice.



SCHEMATIC DIAGRAM (FUNCTION)

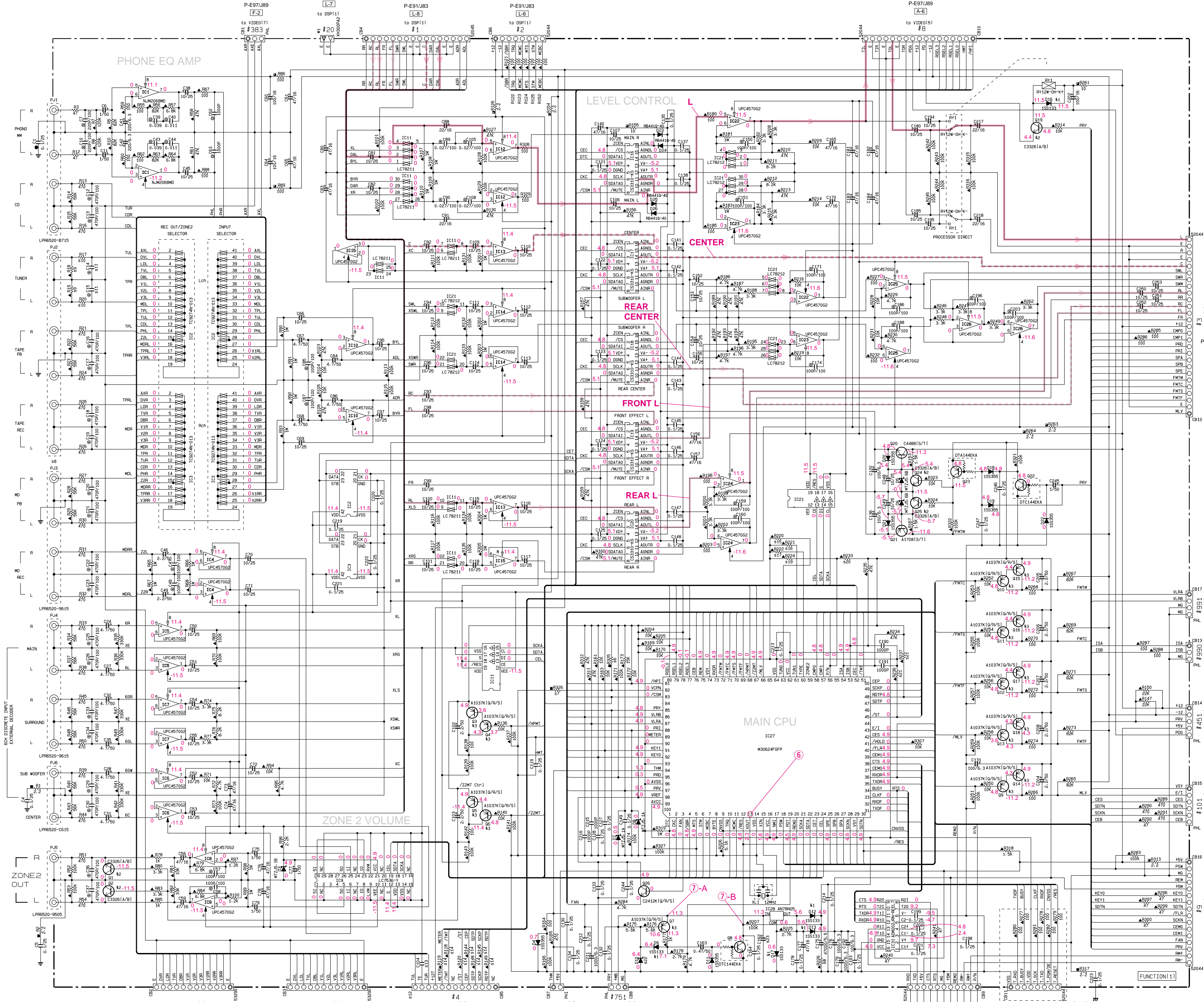
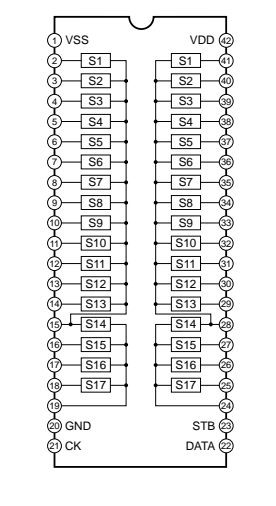
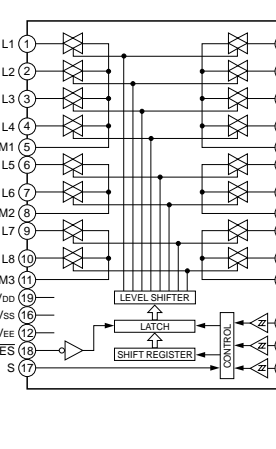


Table with 2 columns: CAPACITOR and RESISTOR. Lists various capacitor and resistor types and their part numbers.

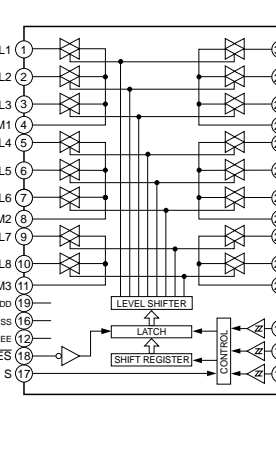
IC3 : TC9274N-013 Analog Function Switch



IC11 : LC78211 Analog Function Switch



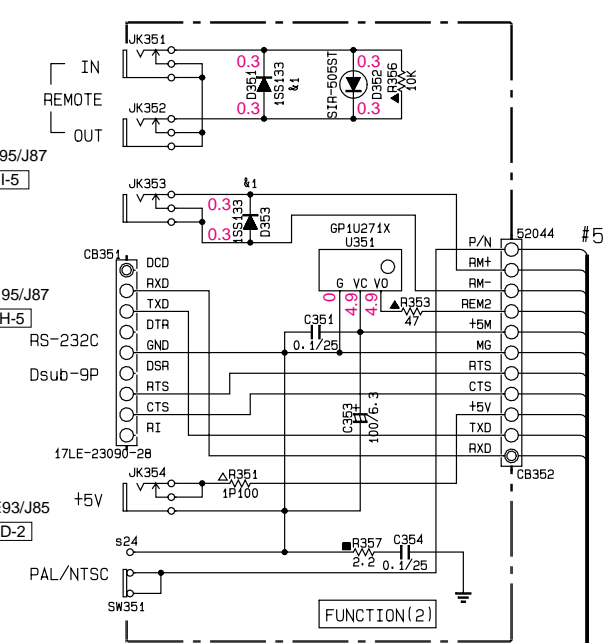
IC21 : LC78212 Analog Function Switch



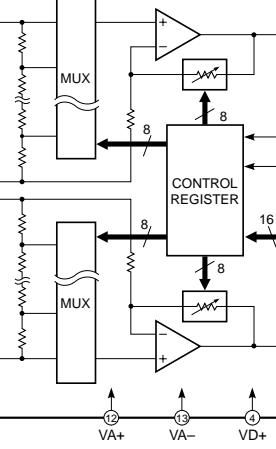
NOTICE (model) (J)..... JAPANESE (U)..... U.S.A (C)..... CANADIAN (R)..... GENERAL (A)..... AUSTRALIAN (B)..... BRITISH (G)..... EUROPEAN (T)..... CHINA (L)..... SINGAPORE

Table titled 'CIRCUIT CHANGES BY MARKET'. Columns include Circuit No., J, U-C, R-T, A, B-G. Lists various circuit modifications for different regions.

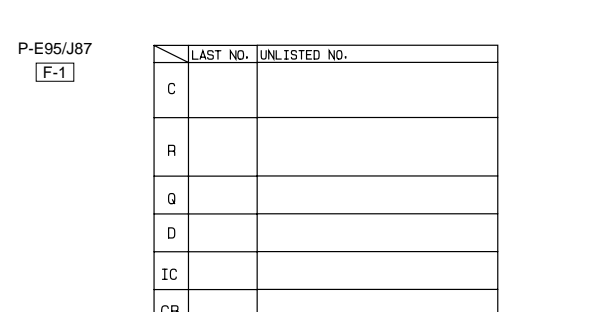
Table titled 'Interchangeable Parts at Manufacture-Stage'. Columns include Part No., Reference Parts Number, Part Name. Lists parts that can be substituted during manufacturing.



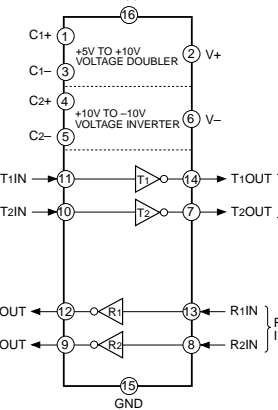
IC16-20 : CS3310-KS Stereo Digital Volume Control



IC9 : LC7536-Y Electric Controlled Volume

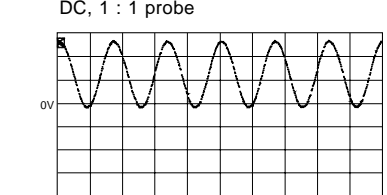


IC31 : ADM202JRN-REEL RS-232 Line Drive/Receiver

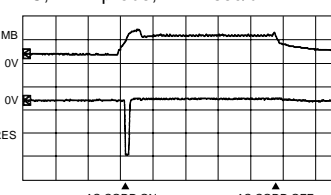


IC1 : NJM2068M-T1 Dual OP-Amp

Point ⑥ (Pin 13 of IC27) V: 2V/div, H: 50 nsec/div DC, 1:1 probe



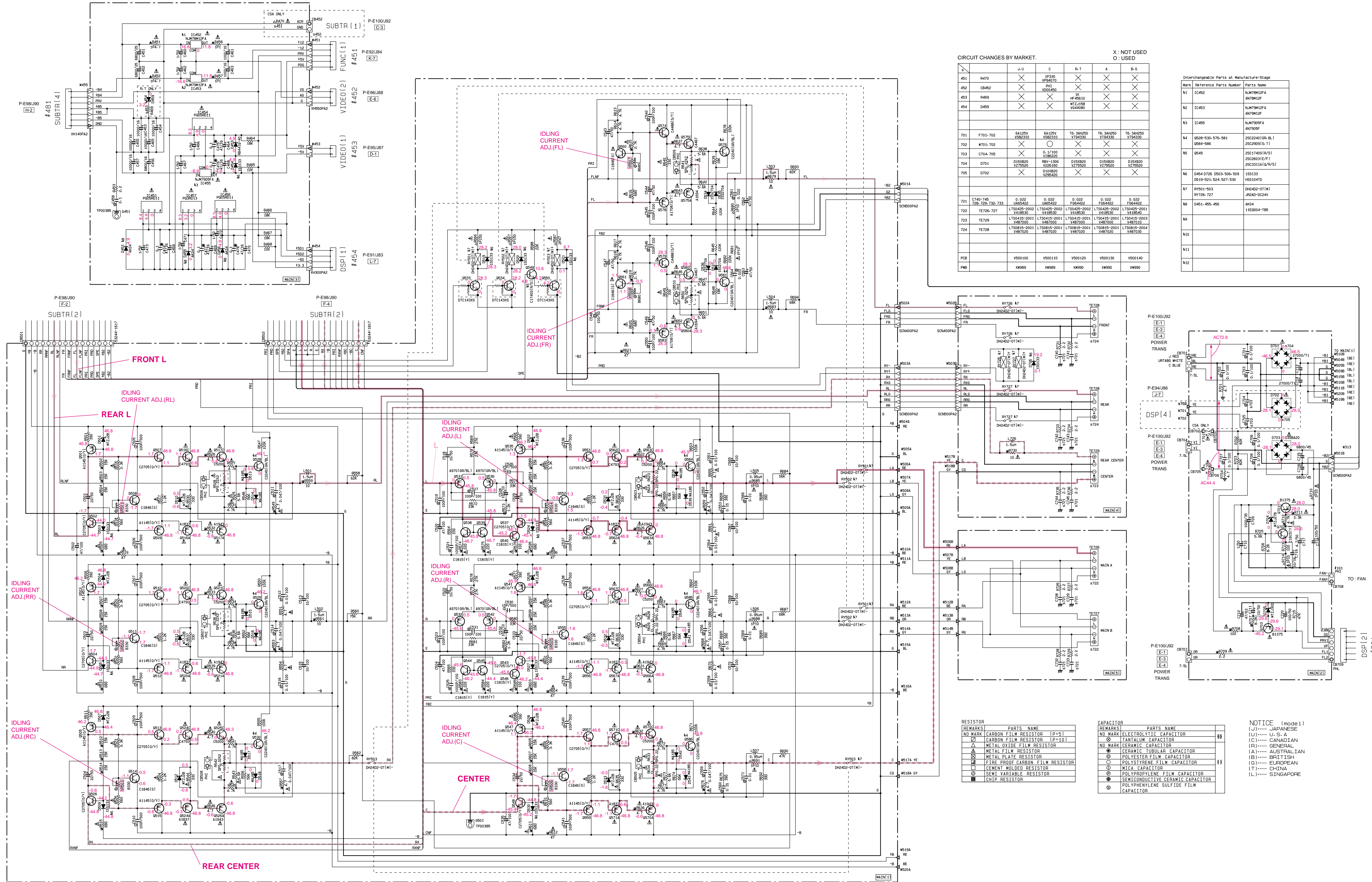
Point ⑦-A (AMB: Pin2 of CB8) V: 2V/div (+MB), V: 2V/div (RES) DC, 1:1 probe, H: 1 sec/div



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



SCHEMATIC DIAGRAM (MAIN)



CIRCUIT CHANGES BY MARKET.

	J-U	C	R-T	A	B-G
451	R470	✗	✗	✗	✗
452	CB452	✗	✗	✗	✗
453	W619	✗	✗	✗	✗
454	W459	✗	✗	✗	✗
701	F701-702	6A125V V982110	6A125V V982110	T6.3A4050 V184330	T6.3A4050 V184330
702	W701-702	✗	✗	✗	✗
703	C704-705	✗	✗	✗	✗
704	D701	D158B20 RYV-1306 V100310	D158B20 RYV-1306 V100310	D158B20 RYV-1306 V100310	D158B20 RYV-1306 V100310
705	D702	✗	✗	✗	✗
721	C740-746	0.022 U465422	0.022 U465422	0.022 F584422	0.022 F584422
722	TE726-727	LT5045-2002 V418300	LT5045-2002 V418300	LT5045-2002 V418300	LT5045-2002 V418300
723	TE729	LT5045-2001 V487000	LT5045-2001 V487000	LT5045-2001 V487000	LT5045-2001 V487000
724	TE728	LT5045-2001 V487000	LT5045-2001 V487000	LT5045-2001 V487000	LT5045-2001 V487000
PCB	Y500100	Y500110	Y500120	Y500130	Y500140
PMI	XW989	XW989	XW990	XW990	XW990

X : NOT USED  
O : USED

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
k1	IC452	NJM78M12FA AN78M12F
k2	IC453	NJM78M12FA AN78M12F
k3	IC455	NJM7805FA AN7805F
k4	Q528-Q30-576-581	2SC2240 (GR-RL) 2SC2240 (R1-T)
k5	Q549	2SC17405 (R1-S) 2SC2663 (E1-T) 2SC3311A (R1/S)
k6	D454-D726 D503-506-509	1SS133 HSS104TD
k7	RY501-503	DH2402-OT1M
k8	RY726-727	JR240-DC24V
k9		
k10		
k11		
k12		

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
⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR

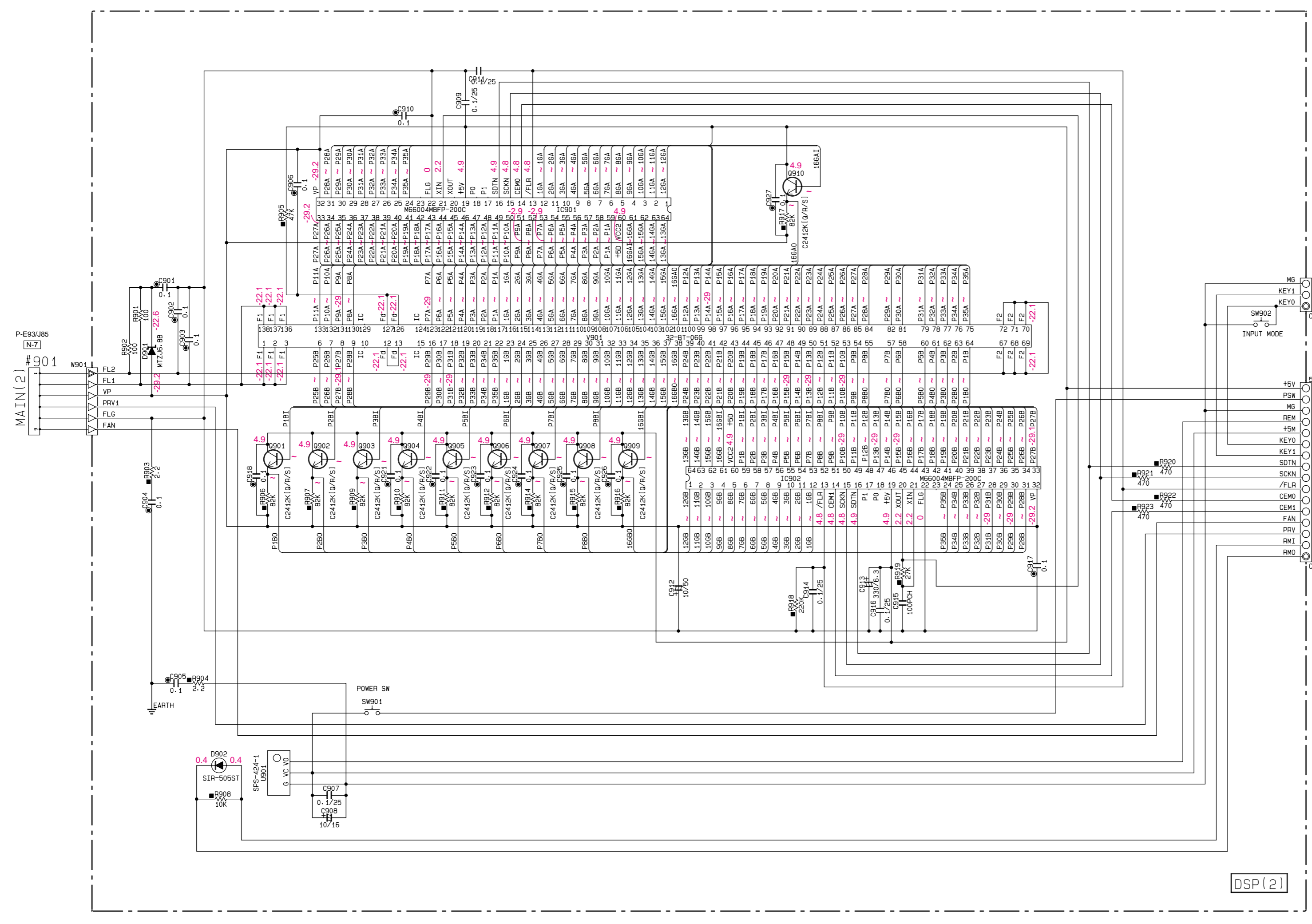
NOTICE (mode1)

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

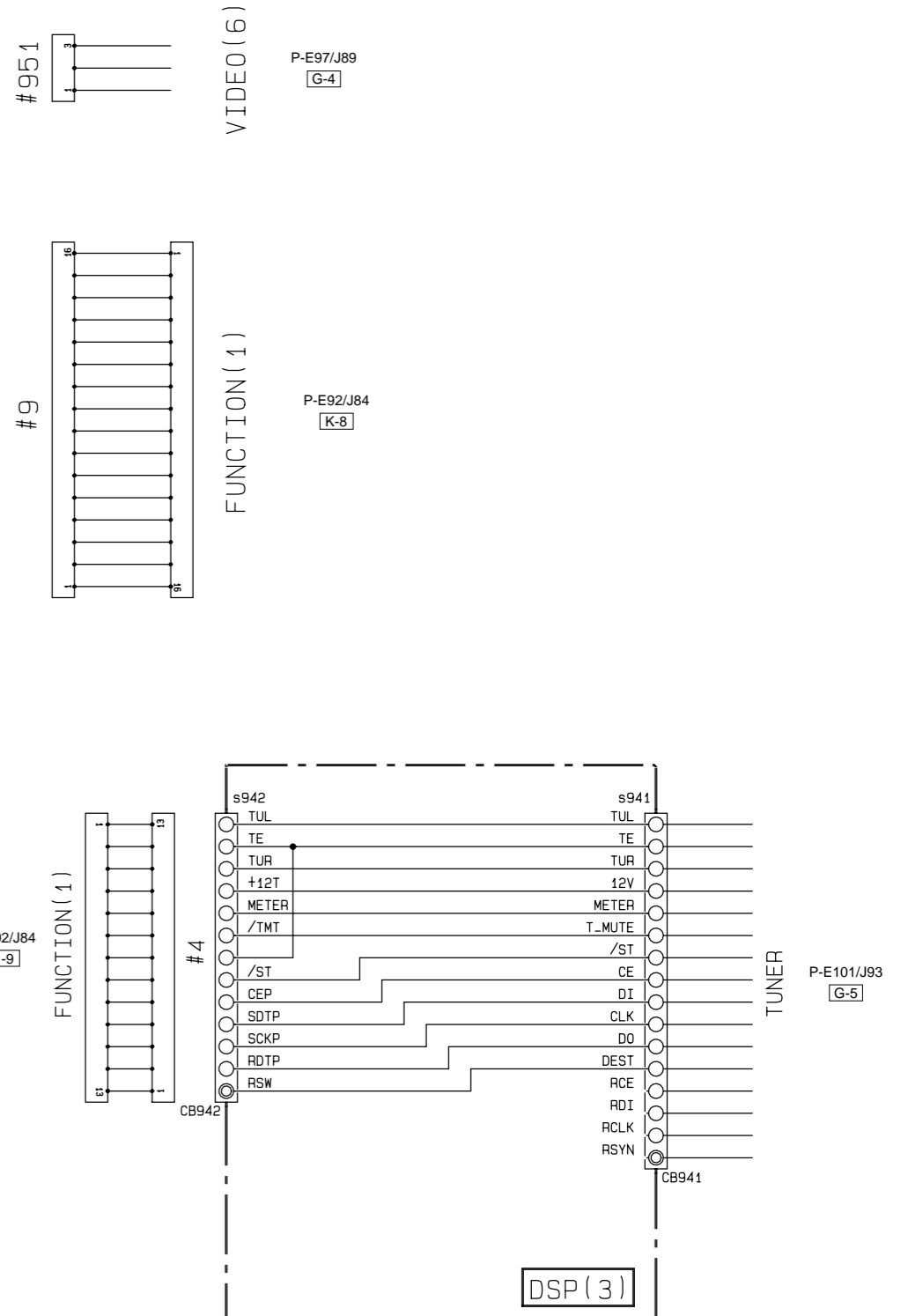
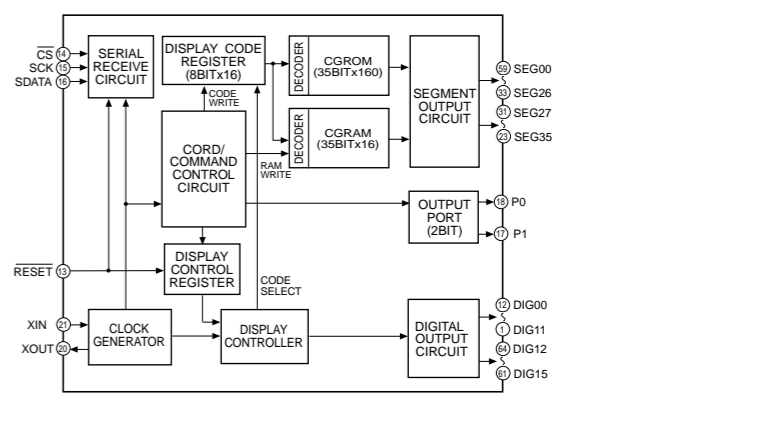
- All voltage are measured with a 10MΩ/V DC electric volt meter.
- Components having special characteristics are marked △ and must be replaced with parts having specifications equal to those originally installed.
- Schematic diagram is subject to change without notice.



SCHEMATIC DIAGRAM (DSP(2))



IC901, 902 : M66004MBFP-200C FL Display Driver



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
⊚	POLYPHENYLENE SULFIDE FILM CAPACITOR

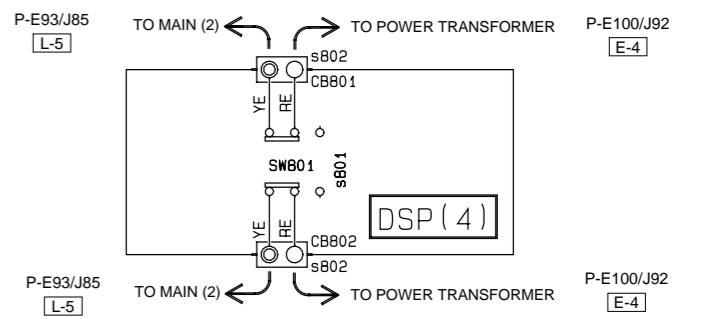
NOTICE (mode1)  
 (J)..... JAPANESE  
 (U)..... U. S. A.  
 (C)..... CANADIAN  
 (R)..... GENERAL  
 (A)..... AUSTRALIAN  
 (B)..... BRITISH  
 (G)..... EUROPEAN  
 (T)..... CHINA  
 (L)..... SINGAPORE

CIRCUIT CHANGES BY MARKET. X: NOT USED

s	Parts Number	J. R. T. B. G	U. A	C	Memo
941	CB941	X	V096370	V096370	Tuner I/F Board
942	CB942	X	V092360	V092360	Tuner I/F Board
801	SW801	X	X	V207550	Impedance Selector
802	CB801-802	X	X	LA00200	Impedance Selector

Interchangeable Parts at Manufacture-Stage

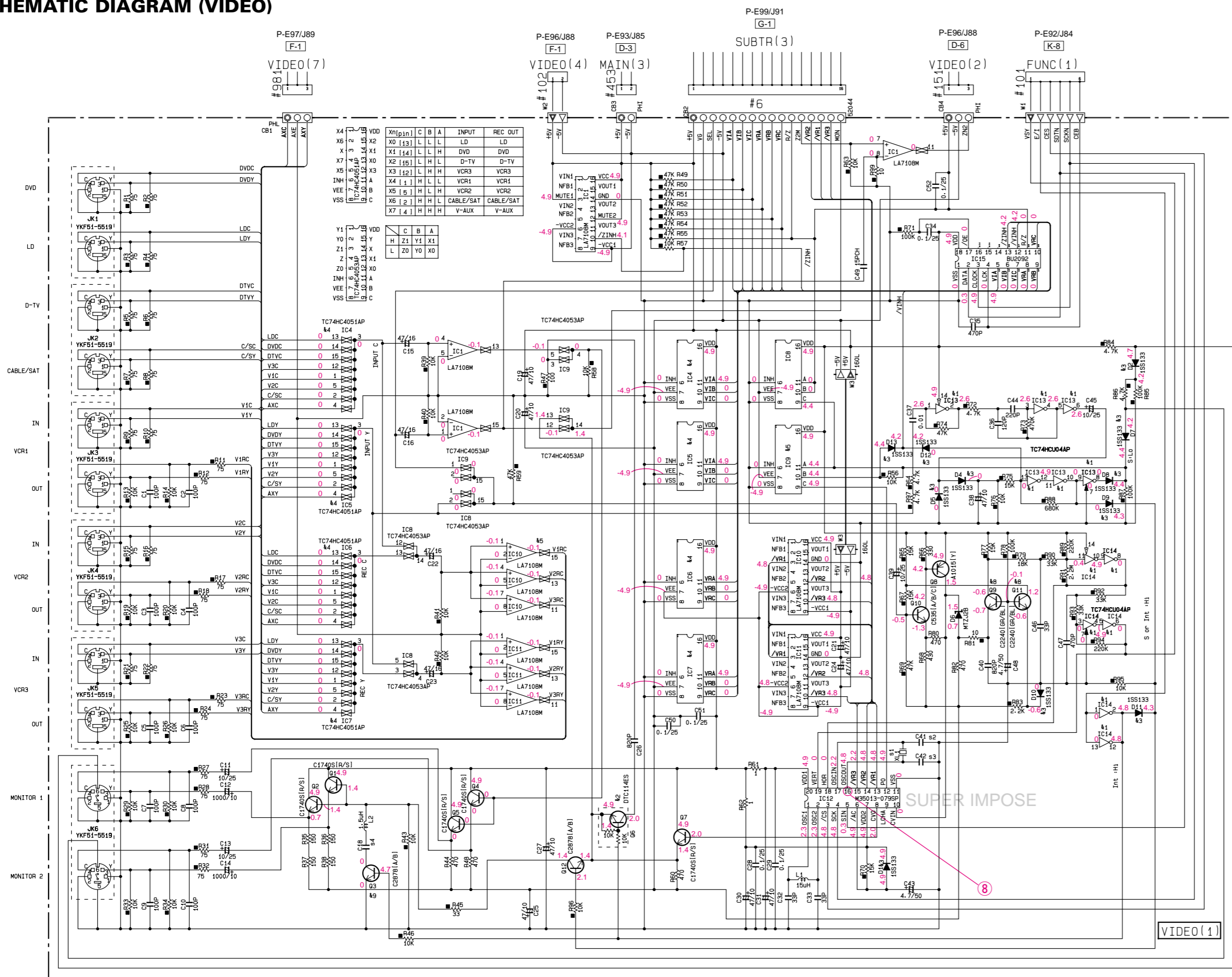
Mark	Reference Parts Number	Parts Name



\* All voltage 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.



SCHEMATIC DIAGRAM (VIDEO)



CIRCUIT CHANGES BY MARKET.

Parts Number	J	U-C	R-T	A	B	G
1	XL1	14.3181MHz V089020	14.3181MHz V089020	14.3181MHz V044950	17.734470MHz V044950	17.734470MHz V044950
2	C41	CH 20P V09020	CH 20P V09020	CH 20P V09020	CK 2P V09970	CK 2P V09970
3	C42	CH 15P V08990	CH 15P V08990	CH 15P V08990	CJ 3P V08980	CJ 3P V08980
4	C18	1500P U80315	1500P U80315	1500P U80315	B20P U80382	B20P U80382
351	R354	X	1.8k 0.1 RD2618	X	1.8k 0.1 RD2618	X
352	R355	X	3.7k 0.1 RD2627	X	3.7k 0.1 RD2627	X
353	R356	X	3.3k 0.1 RD2633	X	3.3k 0.1 RD2633	X
354	R361	X	4.7k 0.1 RD2647	X	4.7k 0.1 RD2647	X
355	SK355-356 360-361	X	EV11A SKHBA114A	X	EV11A SKHBA114A	X
901	CB903	FE-VN 23P V48650	X	X	X	X

X: NOT USED

NOTICE (model)

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

RESISTOR

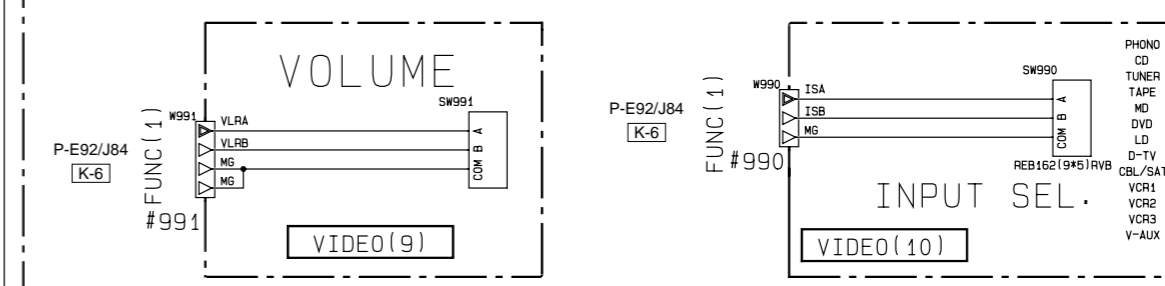
REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR (P=5)
□	CARBON FILM RESISTOR (P=10)
△	METAL OXIDE FILM RESISTOR
○	GENERAL
⊠	METAL PLATE RESISTOR
⊙	FINE PROOF CARBON FILM RESISTOR
⊚	CEMENT MOLDED RESISTOR
⊛	SEMI VARIABLE RESISTOR
⊜	CHIP RESISTOR

CAPACITOR

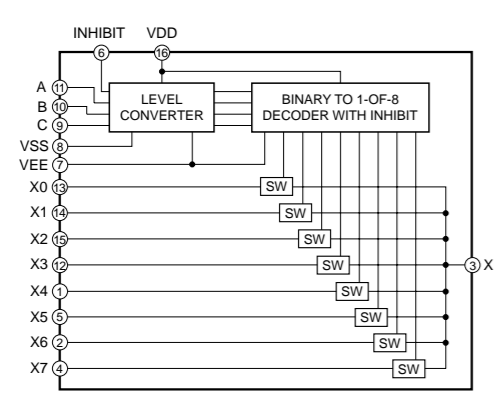
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊖	TANTALUM CAPACITOR
□	CERAMIC CAPACITOR
⊙	CERAMIC TUBULAR CAPACITOR
○	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
○	MICA CAPACITOR
⊙	POLYPROPYLENE FILM CAPACITOR
⊚	SEMICONDUCTIVE CERAMIC CAPACITOR
⊛	POLYPHENYLENE SULFIDE FILM CAPACITOR

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
k1	IC13-14	TC74HC4044P NM74HC4044N
k2	06	DT114ES DT114ESA
k3	D1-2-4-5-7-13	ISS133 HSS104TD
k4	PJ151-153	LPW820-A215 YK21-3325
k5	PJ152-154	LPW820-A525 YK21-3757
k6	C218-219	UM6210 100P/50 VW95490 100P/50
k7	C214-215	UM65422 0.022P/50 UA35422 0.022P/50
k8	SK351-354 357-359 362-363	EV11A SKHBA114A
k9		
k10		
k11		
k12		

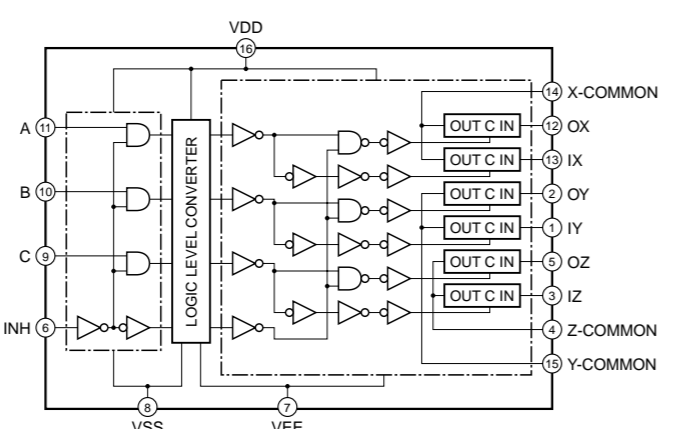


IC4-7 : TC74HC4051AP Analog Multiplexer/Demultiplexer



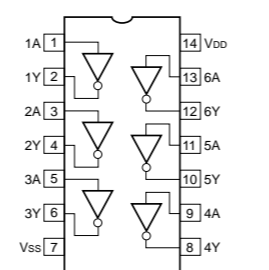
INPUT STATES				"ON" CHANNEL (S)
INHIBIT	C	B	A	
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	X	X	X	NONE

IC8, 9 : TC74HC4053AP Triple 2-Channel Multiplexer/Demultiplexer

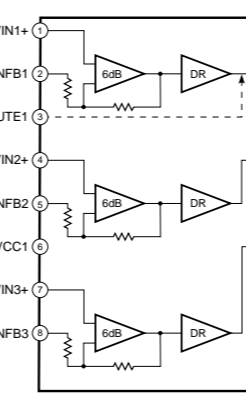


CONTROL INPUTS				"ON" CHANNEL
INHIBIT (Pin 6)	C (Pin 9)	B (Pin 10)	A (Pin 11)	
0	0	0	0	0X, 0Y, 0Z
0	0	0	1	1X, 0Y, 0Z
0	0	1	0	0X, 1Y, 0Z
0	0	1	1	1X, 1Y, 0Z
0	1	0	0	0X, 0Y, 1Z
0	1	0	1	1X, 0Y, 1Z
0	1	1	0	0X, 1Y, 1Z
0	1	1	1	1X, 1Y, 1Z
H	-	-	-	NOTE

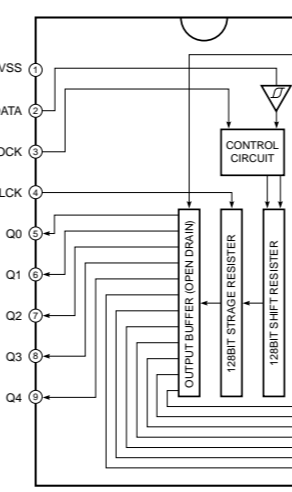
IC13, 14 : TC74HC04AP Hex Inverters



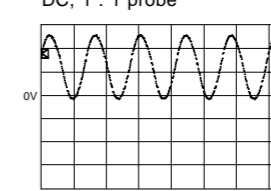
IC1, 10, 11 : LA7108M 75Ω Video Driver



IC15 : BU2092 Serial In/Parallel Out Driver

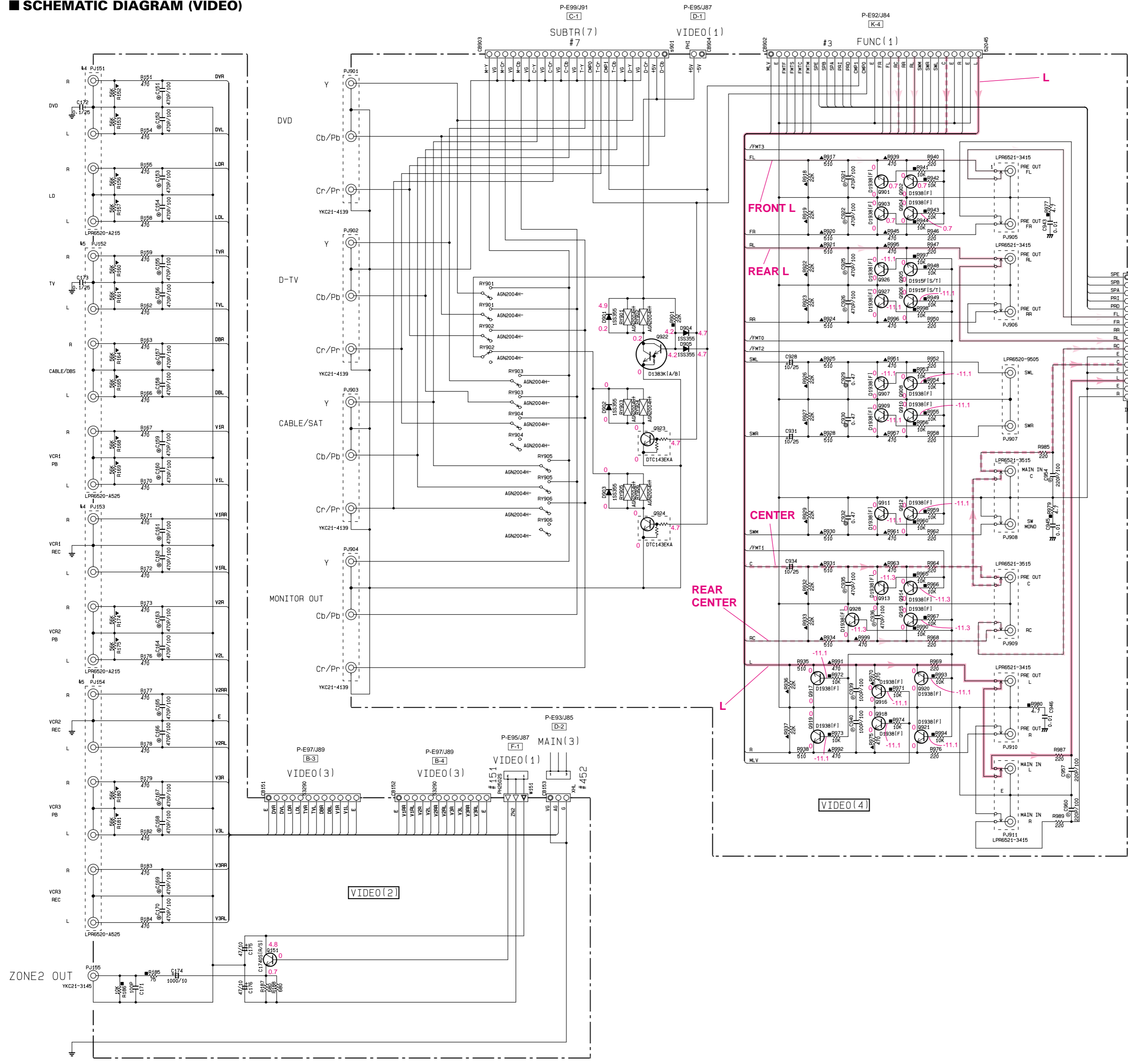


Point ⑧ (Pin 16 of IC12) V : 2V/div, H : 50 nsec/div DC, 1 : 1 probe



\* All voltage 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.

SCHEMATIC DIAGRAM (VIDEO)



CIRCUIT CHANGES BY MARKET.

s	Parts Number	J	U-C	R-T	A	B	G
1	XL1	14.3181MHz VJ98950	14.3181MHz VJ98950	14.3181MHz VJ98950	17.734475MHz VJ98950	17.734475MHz VJ98950	17.734475MHz VJ98950
2	C41	CH 20P VJ90020	CH 20P VJ90020	CH 20P VJ90020	CK 2P VJ89870	CK 2P VJ89870	CK 2P VJ89870
3	C42	CH 15P VJ89590	CH 15P VJ89590	CH 15P VJ89590	CJ 3P VJ89890	CJ 3P VJ89890	CJ 3P VJ89890
4	C18	1500P UB05315	1500P UB05315	1500P UB05315	820P UB05282	820P UB05282	820P UB05282
351	R364	X	1.8K 0.1 R025618	X	1.8K 0.1 R025618	X	X
352	R355	X	2.7K 0.1 R025627	X	2.7K 0.1 R025627	X	X
353	R356	X	3.3K 0.1 R025633	X	3.3K 0.1 R025633	X	X
354	R361	X	4.7K 0.1 R025647	X	4.7K 0.1 R025647	X	X
355	SW355, 356, 360, 361	X	E10114 SKHV8014A	X	E10114 SKHV8014A	X	X
901	CB903	FE-VN 23P V486950	X	X	X	X	X

NOTICE (mode1)  
 (J)..... JAPANESE  
 (U)..... U. S. A.  
 (C)..... CANADIAN  
 ( )..... 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
⊖	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

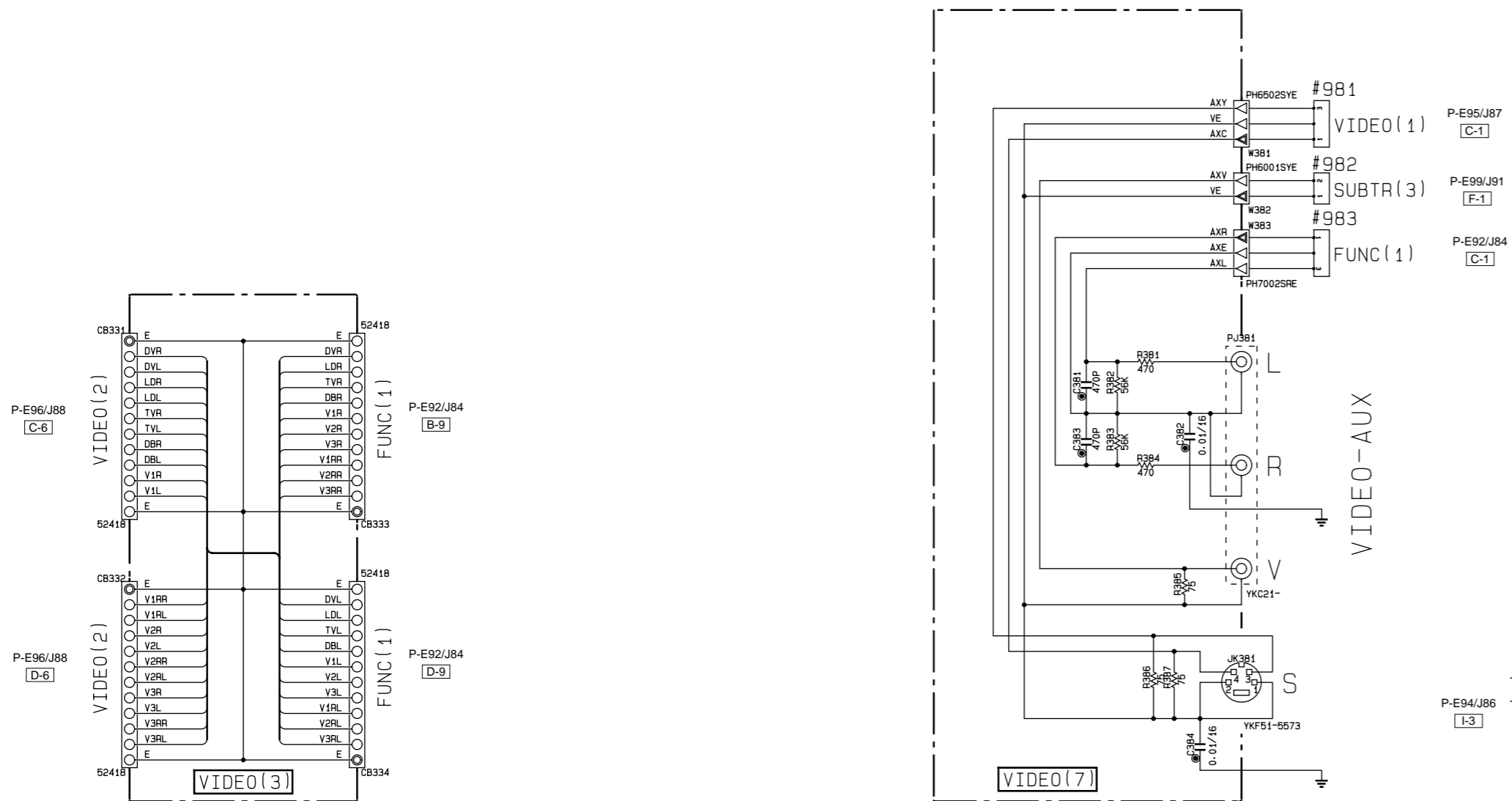
Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
#1	IC13-14	T074HCU04AP M074HCU04N
#2	06	DT114ES UN4211 DT114ESA
#3	D1-2, 4, 5, 7-13	1S5133 H55104TD
#4	PJ151-153	LPR6520-A215 YKC21-3325
#5	PJ152-154	LPR6520-A525 YKC21-3757
#6	C218-219	UA65210 100P/50 VY95490 100p/50
#7	C214-215	UA65422 0.022/50 UA35422 0.022/50
#8	SW351-354, 357-359, 360-363	E1011A SKHV8014A
#9		
#10		
#11		
#12		

\* All voltage 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.



■ SCHEMATIC DIAGRAM (VIDEO)



CIRCUIT CHANGES BY MARKET. X: NOT USED

s	Parts Number	J	U-C	R-T	A	B	G
1	XL1	14.3181MHz VQ38020	14.3181MHz VQ38020	14.3181MHz VQ38020	17.734475MHz VY34250	17.734475MHz VY34250	17.734475MHz VY34250
2	C41	CH 20P VJ90020	CH 20P VJ90020	CH 20P VJ90020	CK 2P VJ99870	CK 2P VJ99870	CK 2P VJ99870
3	C42	CH 15P VJ85920	CH 15P VJ85920	CH 15P VJ85920	CJ 3P VJ89880	CJ 3P VJ89880	CJ 3P VJ89880
4	C18	1500P UB05315	1500P UB05315	1500P UB05315	B20P UB05282	B20P UB05282	B20P UB05282
351	R354	X	1.8K 0.1 RD25618	X	1.8K 0.1 RD25618	X	X
352	R355	X	2.7K 0.1 RD25627	X	2.7K 0.1 RD25627	X	X
353	R356	X	3.3K 0.1 RD25633	X	3.3K 0.1 RD25633	X	X
354	R361	X	4.7K 0.1 RD25647	X	4.7K 0.1 RD25647	X	X
355	SW355-356 350-351	X	EV011A SKHVB4014A	X	EV011A SKHVB4014A	X	X
901	CB903	FE-VN 23P V485950	X	X	X	X	X

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

CAPACITOR

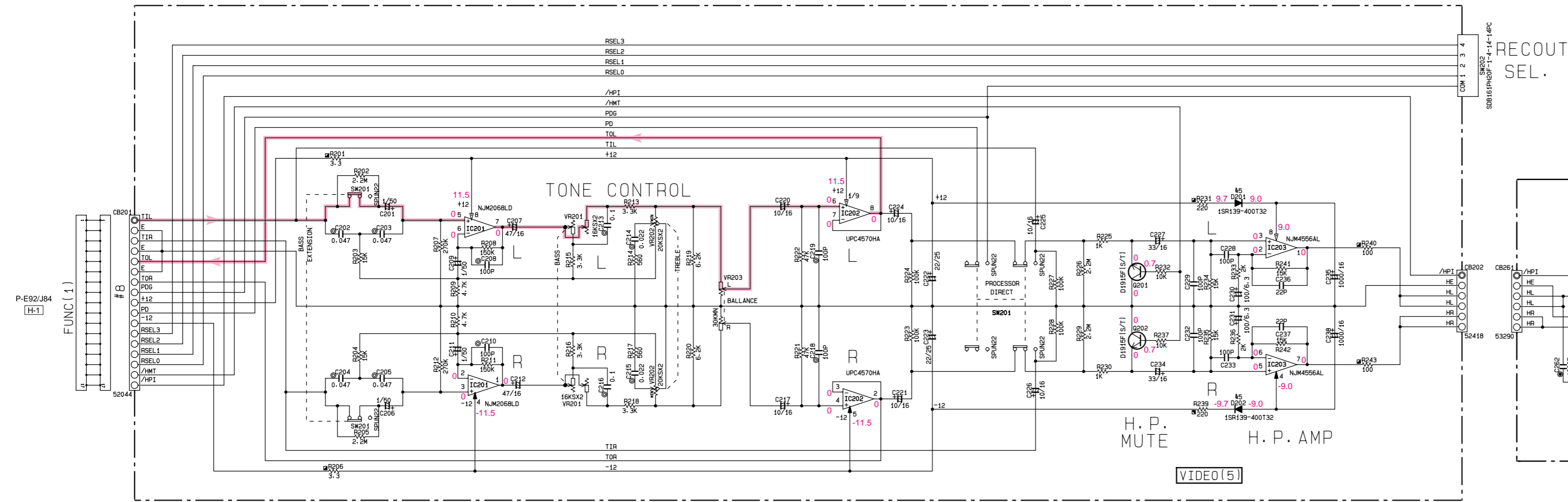
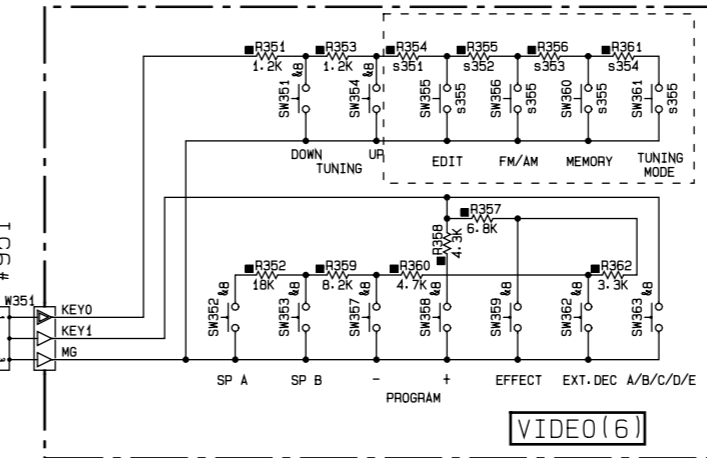
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
⊙	CERAMIC TUBULAR CAPACITOR
⊕	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
⊖	MICA CAPACITOR
⊕	POLYPROPYLENE FILM CAPACITOR
⊙	SEMICONDUCTIVE CERAMIC CAPACITOR
⊗	POLYPHENYLENE SULFIDE FILM CAPACITOR

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

Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
#1	IC13-14	TCT4HC04AP MM74HC04N
#2	06	DTC114ES LM4211 DTC114ESA
#3	D1-2-4-5-7-13	1SS133 HSS104TD
#4	PJ151-153	LPR6520-A215 YKC21-3325
#5	PJ152-154	LPR6520-1S25 YKC21-3757
#6		
#7		
#8	SW351-354-357-359 352-353	EV011A SKHVB4014A
#9		
#10		
#11		
#12		

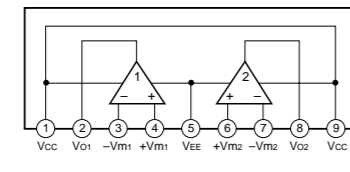
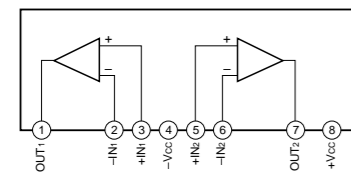


REC OUT SELECTOR

REC OUT/ ZONE 2	VIDEO AUX	VCR3	VCR2	VCR1	CBU/ SAT	TV	LD	SOURCE/ REMOTE	DVD	MD	TAPE	TUNER	CD	PHONO
RSEL0	0	1	1	0	0	1	1	0	0	1	1	0	0	1
RSEL1	0	0	0	0	1	1	1	1	0	0	0	0	1	1
RSEL2	1	1	0	0	0	0	0	0	0	0	1	1	1	1
RSEL3	1	1	1	1	1	1	1	0	0	0	0	0	0	0

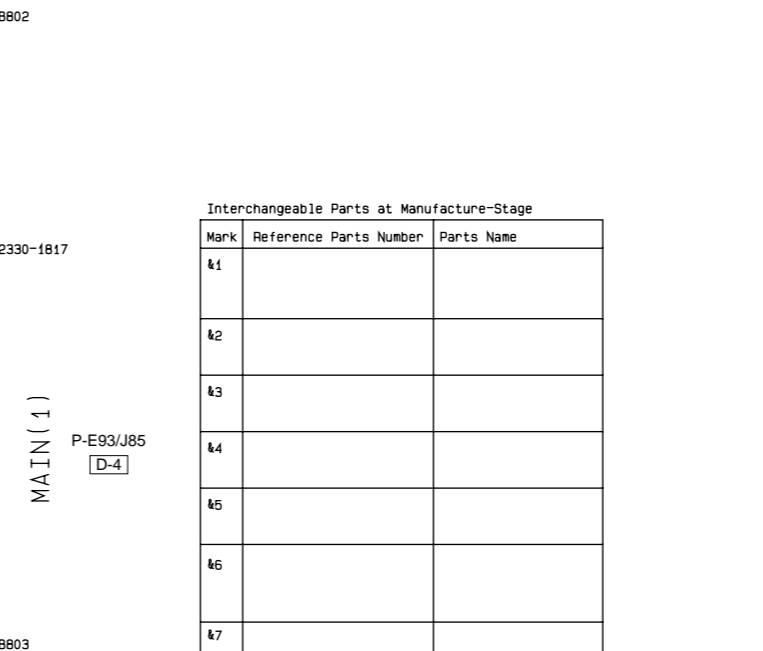
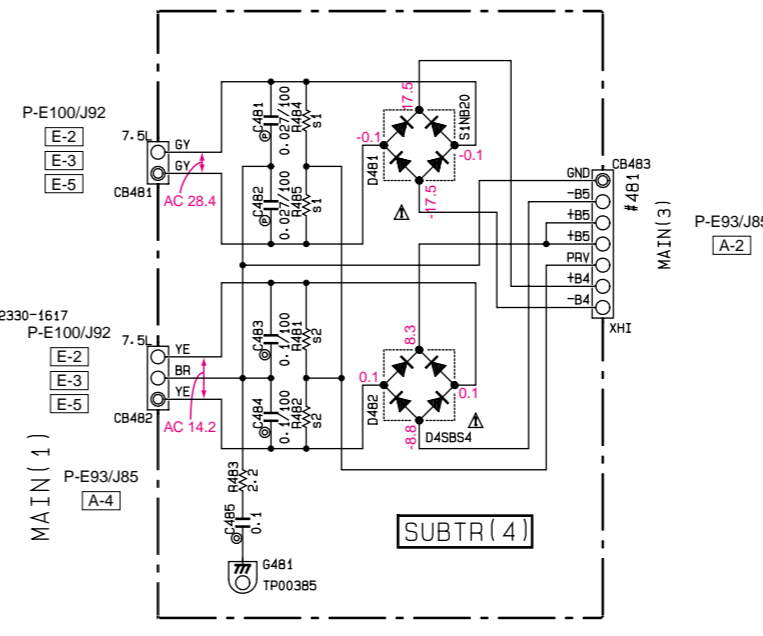
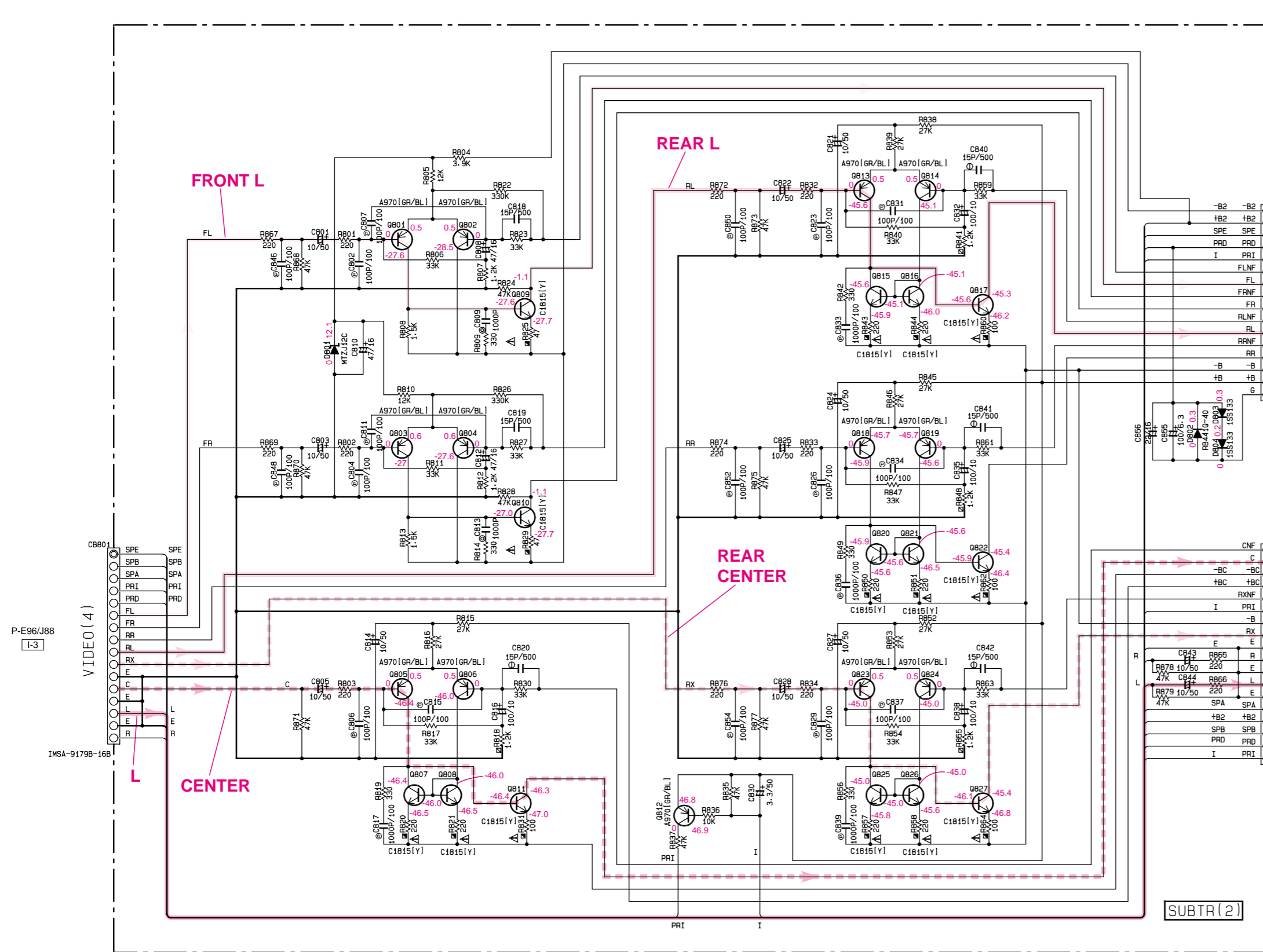
IC201 : NJM2068L-D  
 IC203 : NJM4556AL  
 Dual OP-Amp

IC202 : μPC4570HA  
 Dual OP-Amp



\* All voltage 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.

SCHEMATIC DIAGRAM (SUB TRANS)



s	Reference No	J	U	C	R-T	A	B	G
s1	R484-485	X	82K HF45762	82K HF45762	X	X	X	X
s2	R481-482	33K HF45733	56K HF45756	56K HF45756	33K HF45733	33K HF45733	33K HF45733	33K HF45733

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

Interchangeable Parts at Manufacture-Stage

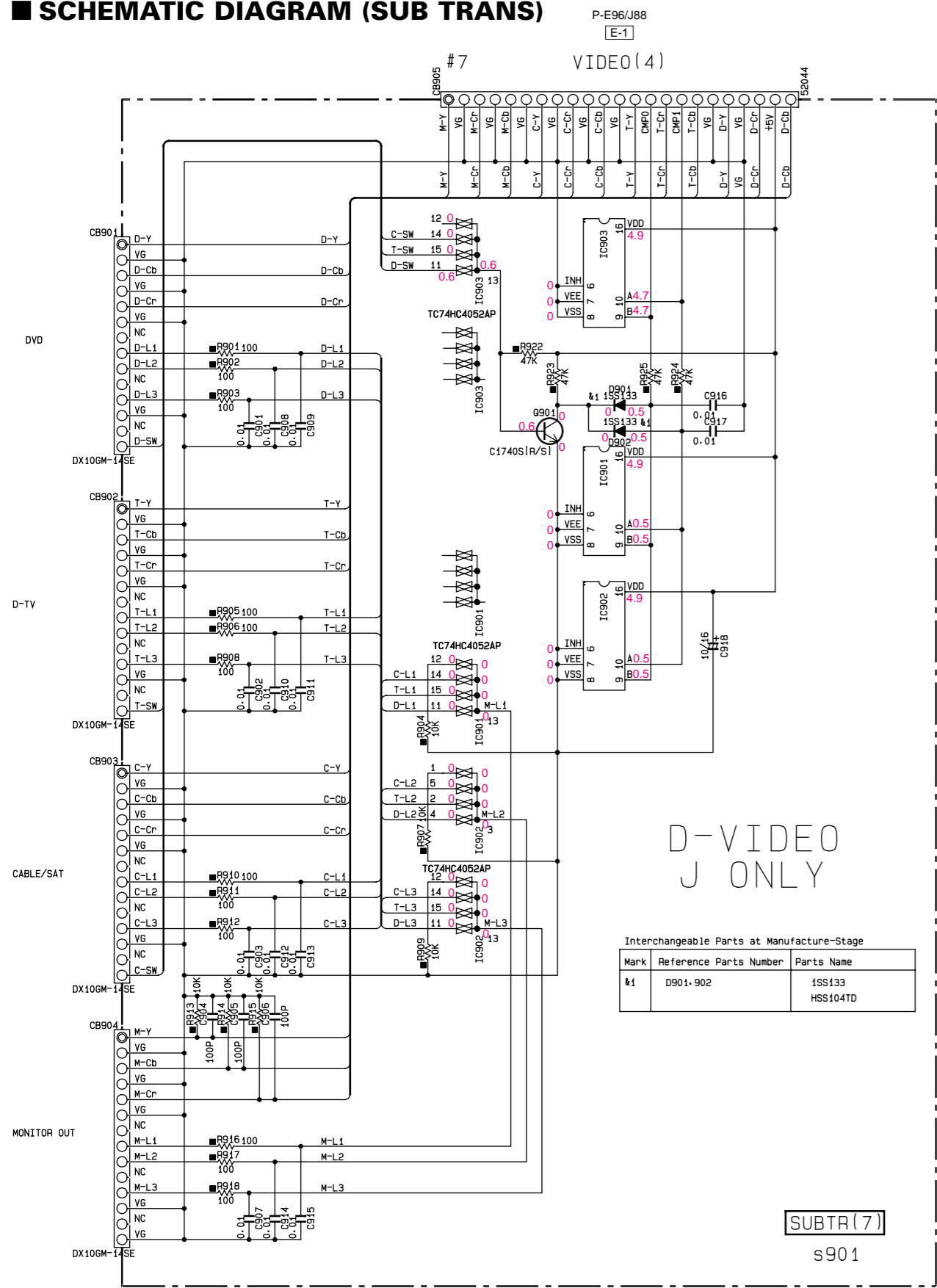
Mark	Reference Parts Number	Parts Name
k1		
k2		
k3		
k4		
k5		
k6		
k7		
k8		
k9		
k10	D751-803-804	ISS133 HSS104TD
k11		
k12		

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

\* All voltage 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.



SCHEMATIC DIAGRAM (SUB TRANS)



Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
k1		
k2		
k3		
k4		
k5		
k6		
k7		
k8		
k9		
k10	D751-803-804	1S5133 HSS104TD
k11		
k12		

CIRCUIT CHANGES BY MARKET.

Reference No	J	U	C	R-T	A	B	G
901	○	×	×	×	×	×	×

X : NOT USED  
O : USED

CAPACITOR

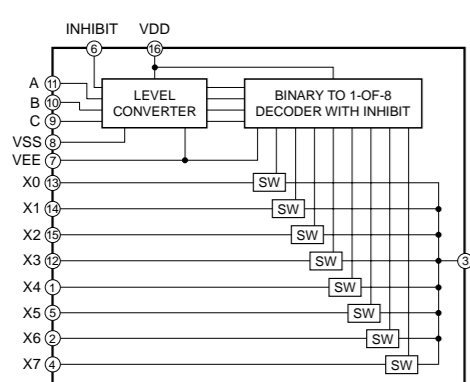
REMARKS	PARTS NAME
NO MARK	ELECTROLYTIC CAPACITOR
⊗	TANTALUM CAPACITOR
NO MARK	CERAMIC CAPACITOR
●	CERAMIC TUBULAR CAPACITOR
⊙	POLYESTER FILM CAPACITOR
○	POLYSTYRENE FILM CAPACITOR
⊖	MICA CAPACITOR
⊕	POLYPROPYLENE FILM CAPACITOR
⊗	SEMICONDUCTIVE CERAMIC CAPACITOR
⊙	POLYPHENYLENE SULFIDE FILM CAPACITOR

RESISTOR

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

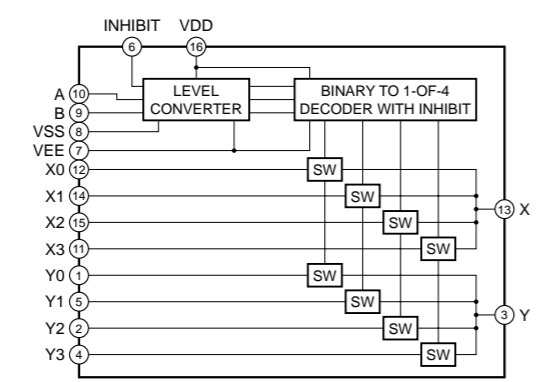
NOTICE (mode1)  
(J)..... JAPANESE  
(U)..... U. S. A  
(C)..... CANADIAN  
(R)..... GENERAL  
(A)..... AUSTRALIAN  
(B)..... BRITISH  
(G)..... EUROPEAN  
(T)..... CHINA  
(L)..... SINGAPORE

IC111, 112 : TC74HC4051AP  
Analog Multiplexer/Demultiplexer



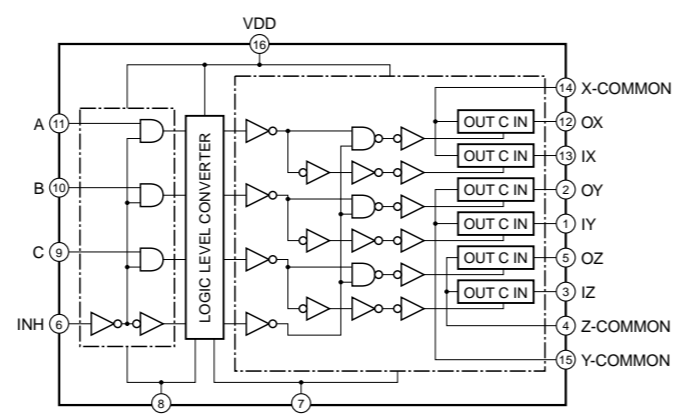
INPUT STATES				"ON" CHANNEL (S)
INHIBIT	C	B	A	
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	X	X	X	NONE

IC901-903 : TC74HC4052AP  
Analog Multiplexers/Demultiplexers



INHIBIT	B	A	
0	0	0	0x, 0y
0	0	1	1x, 1y
0	1	0	2x, 2y
0	1	1	3x, 3y
1	X	X	NONE

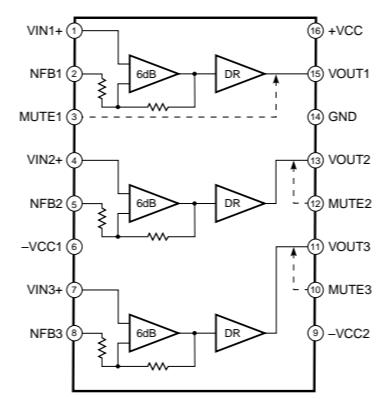
IC113 : TC74HC4053AP  
Triple 2-Channel Multiplexer/Demultiplexer



CONTROL INPUTS				"ON" CHANNEL
INHIBIT	C	B	A	
0	0	0	0	0x (Pin 12), 0y (Pin 2), 0z (Pin 5)
0	0	0	1	1x (Pin 13), 1y (Pin 1), 1z (Pin 3)
0	0	1	0	0x, 0y, 0z
0	0	1	1	1x, 0y, 0z
0	1	0	0	0x, 1y, 0z
0	1	0	1	1x, 1y, 0z
0	1	1	0	0x, 0y, 1z
0	1	1	1	1x, 0y, 1z
0	1	1	1	0x, 1y, 1z
1	X	X	X	1x, 1y, 1z
H	H	H	H	NOTE
H	H	H	X	NOTE
H	H	X	X	NOTE
H	X	X	X	NOTE

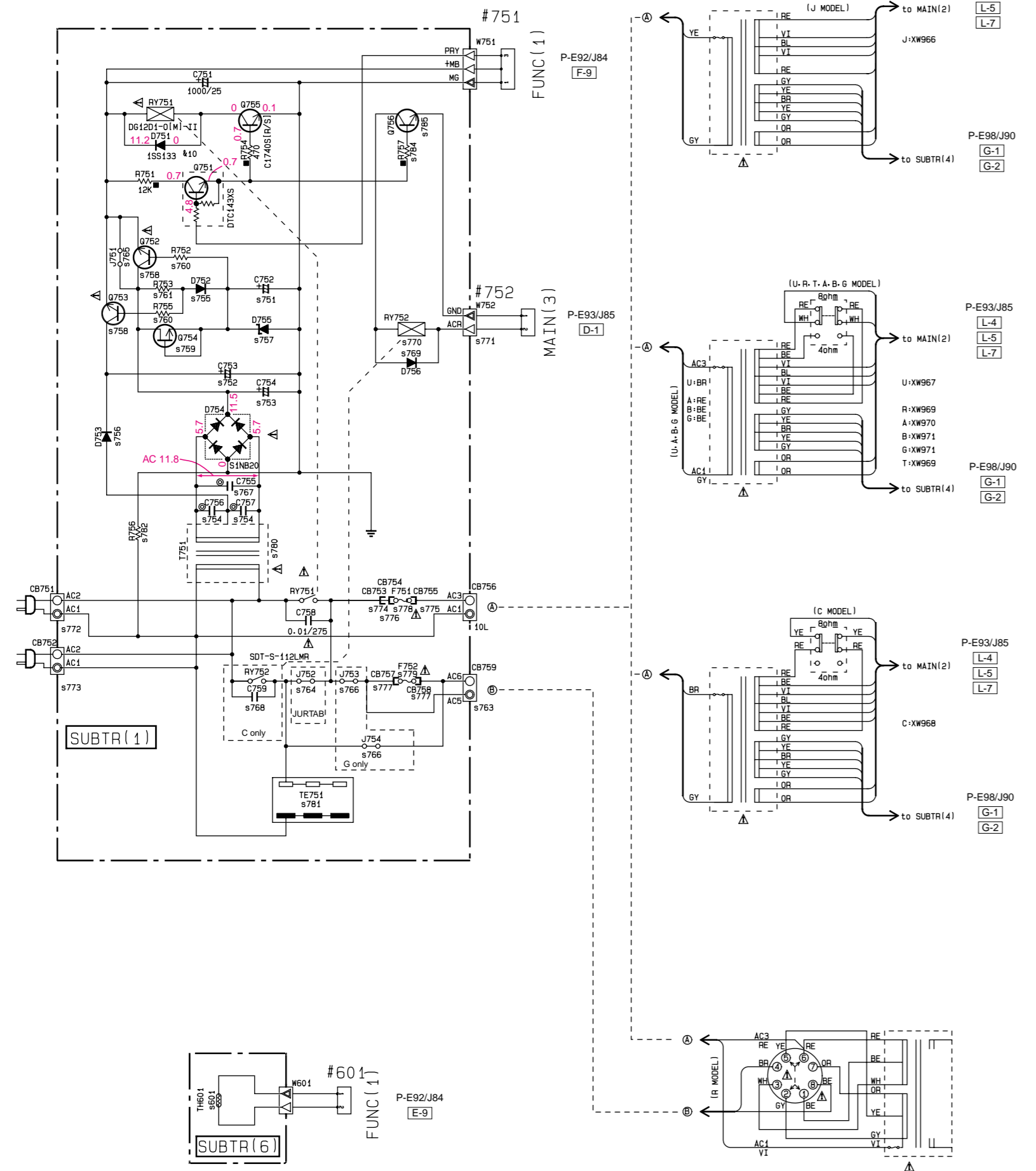
\* Don't Care

IC114 : LA7108M  
75Ω Video Driver



\* All voltage 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.

SCHEMATIC DIAGRAM (SUB TRANS)



Interchangeable Parts at Manufacture-Stage

Mark	Reference Parts Number	Parts Name
#1		
#2		
#3		
#4		
#5		
#6		
#7		
#8		
#9		
#10	D751	ISS133 HSS104TD
#11		
#12		

CIRCUIT CHANGES BY MARKET.

Reference No	J	U	C	R-T	X : NOT USED			O : USED			
					A	B	G	A	B	G	
601	TH601	VM84230	VM84240	VM84240	VM84240	VM84240	VM84240	VM84240	VM84240	VM84240	VM84240
751	C752	X	X	X	UJ14710 10/25	X	X	X	X	X	X
752	C753	X	X	X	UJ16710 10/50	X	X	X	X	X	X
753	C754	X	X	X	UJ19747 47/100	X	X	X	X	X	X
754	C756-757	X	X	X	0.01 V171670	X	X	X	X	X	X
755	D752	X	X	X	IF00460 ISS133 HSS104TD	X	X	X	X	X	X
756	D753	X	X	X	VU26410 SRI39-400T32	X	X	X	X	X	X
757	D755	X	X	X	V643990 MTJ11B	X	X	X	X	X	X
758	D752-753	X	X	X	VRS1080 D23951(R)K1	X	X	X	X	X	X
759	D754	X	X	X	IE10262 K2461Y1	X	X	X	X	X	X
760	R752-755	X	X	X	HF45510 100	X	X	X	X	X	X
761	R753	X	X	X	HF45710 10K	X	X	X	X	X	X
762	H5751	X	X	X	V560990	X	X	X	X	X	X
763	CB759	X	X	X	LA00241 10L	X	X	X	X	X	X
764	J752	O	O	X	O	O	O	O	O	O	O
765	J751	O	O	O	X	O	O	O	O	O	O
766	J753-754	X	X	X	X	X	X	X	X	X	X
767	C755	0.01 V171670	0.01 V171670	0.01 V171670	X	X	X	0.01 V171670	0.01 V171670	0.01 V171670	0.01 V171670
768	C759	X	X	X	V197540 0.51/275	X	X	X	X	X	X
769	D756	X	X	X	IF00460 ISS133 HSS104TD	X	X	X	X	X	X
770	R752	X	X	X	V271230 SD1-S-112LMR	X	X	X	X	X	X
771	W752	X	X	X	V660990	X	X	X	X	X	X
772	CB751	X	V687990	V687990	V687990	V687990	V687990	V687990	V687990	V687990	V687990
773	CB752	LA00387	X	X	X	X	X	X	X	X	X
774	CB753	VS99610	VS99610	VS99610	VS99610	VS99610	VS99610	VS99610	VS99610	VS99610	VS99610
775	CB755	VS99610	VS99610	VS99610	VS99610	VP20650	VP20650	VP20650	VP20650	VP20650	VP20650
776	CB754	VS99610	VS99610	VS99610	VS99610	VP20650	VP20650	VP20650	VP20650	VP20650	VP20650
777	CB757-758	X	X	X	VP20650	X	X	X	X	X	X
778	F751	VU23840 124125V	VU23830 124250V	VU23830 124250V	VU23830 124250V	KB00176 T6-3AL250V	KB00176 T6-3AL250V	KB00176 T6-3AL250V	KB00176 T6-3AL250V	KB00176 T6-3AL250V	KB00176 T6-3AL250V
779	F752	X	X	X	KB00176 T6-3AL250V	X	X	X	X	X	X
780	T751	XW972	XW973	XW973	XW974	XW975	XW976	XW976	XW976	XW976	XW976
781	TE751	V11880 S2-7651-212	V11880 S2-7651-212	V11880 S2-7651-212	V474650 S2-7651-214C	V191500 S2-7731-210	V191500 S2-7721-210	V191500 S2-7721-210	V191500 S2-7721-210	V191500 S2-7631-212	V191500 S2-7631-212
782	R756	X	H200511 1/2P2-2M	H200511 1/2P2-2M	X	X	X	X	X	X	X
783											
784	R757	X	X	X	RD25547 470	X	X	X	X	X	X
785	Q756	X	X	X	IC17402 C17402(R/S) C2603(E/F) C3311A(Q/R/S)	X	X	X	X	X	X

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)
NO MARK	CERAMIC RESISTOR
⊙	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

\* All voltage 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.



■ SCHEMATIC DIAGRAM (TUNER : RX-V1 only)

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 (mode1)  
 (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

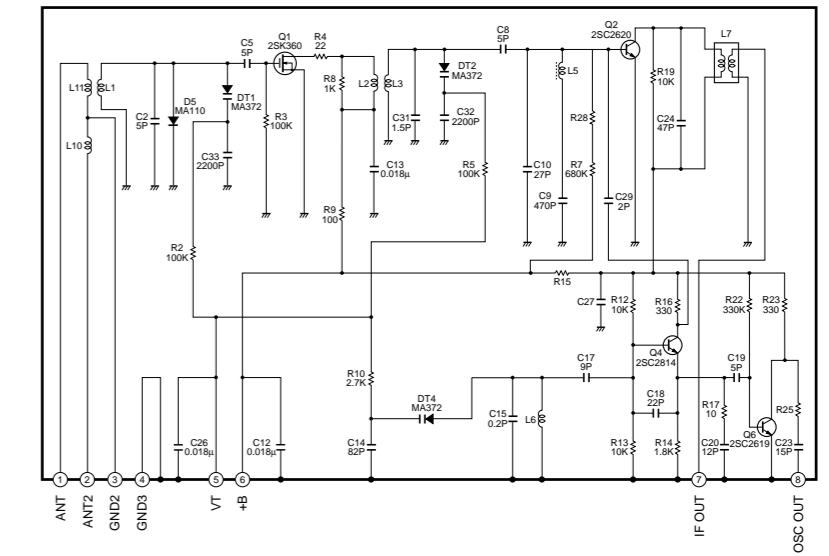
Mark	Reference Parts Number	Parts Name
K1	Ds. 2	HSS104 1SS133 1SS176

CIRCUIT CHANGES BY MARKET.

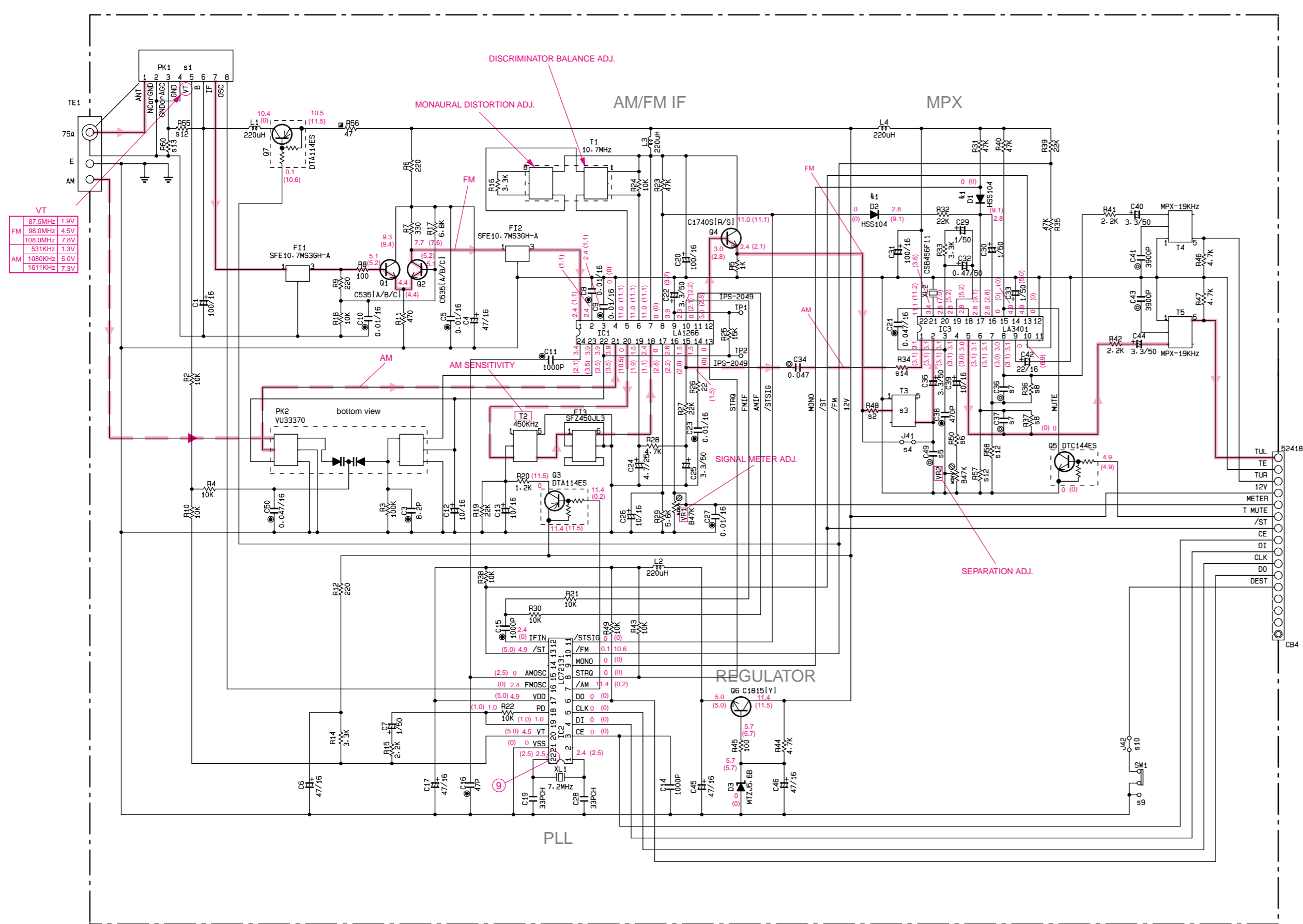
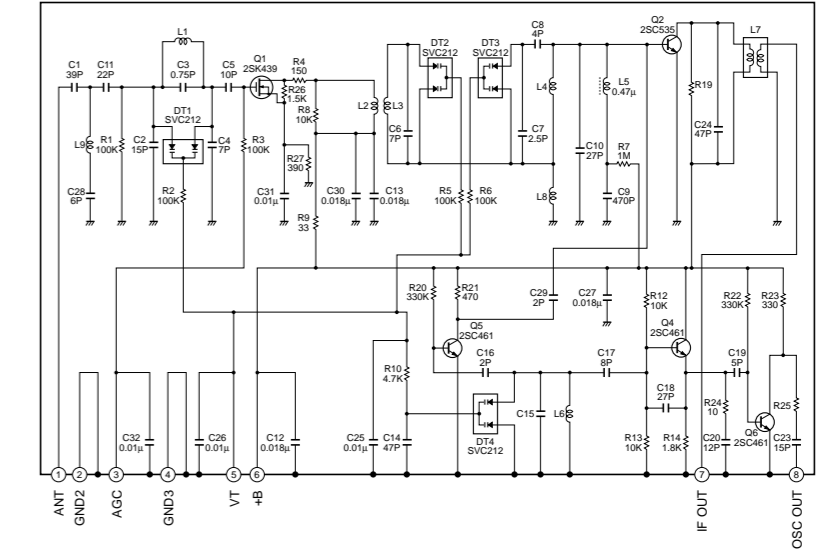
S.	J	U.C	R. T	A. B. G. L
	V251850	V561860	V251870	V251880
1	PK1	V290900	V290910	V271670
2	R48	/	/	4.7K
3	T3	/	/	XYA2 VT48680
4	J41	○	○	/
5	C49	2200P UA95322	2200P UA95322	120P UA95212
6	R50	22K	22K	1K
7	C36-37	680P UA95268	1000P UA95310	1000P UA95310
8	R36-37	75K	75K	180K
9	SW1	/	/	V560260
10	J42	/	/	○
11	/	/	/	/
12	R55-57-58	/	/	270K
13	R60	/	/	180K
14	R34	10K	10K	27K

○ : USED  
 □ : NOT USED

PK1 : ENV-172C8G1R (V2909100) U, C, R, T models



PK1 : ENV-172A4G1 (V2716700) A, B, G, L models

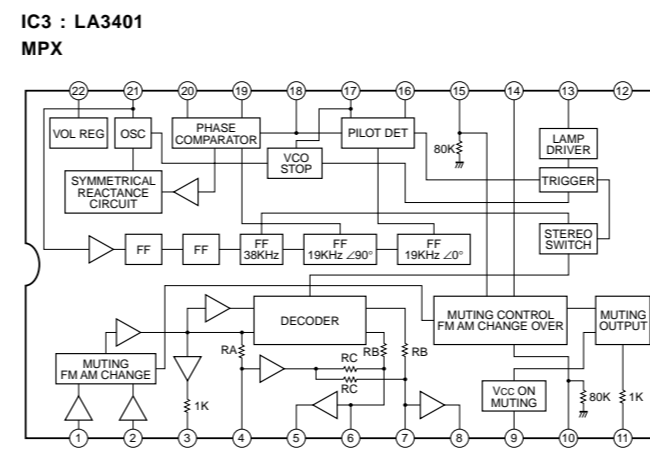
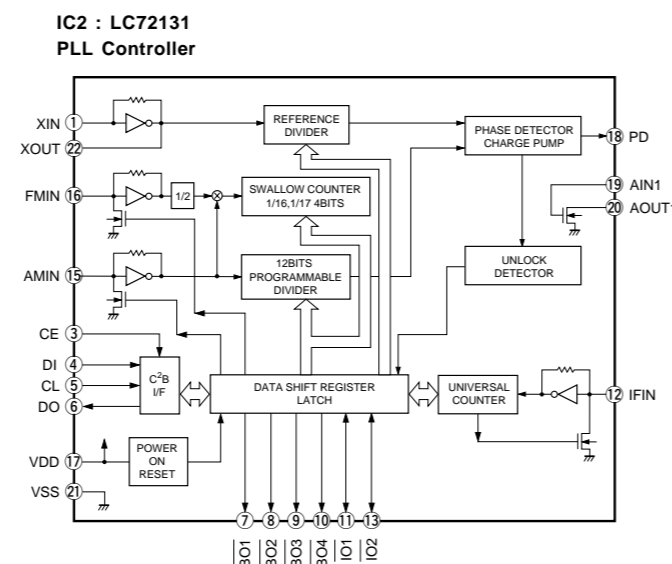
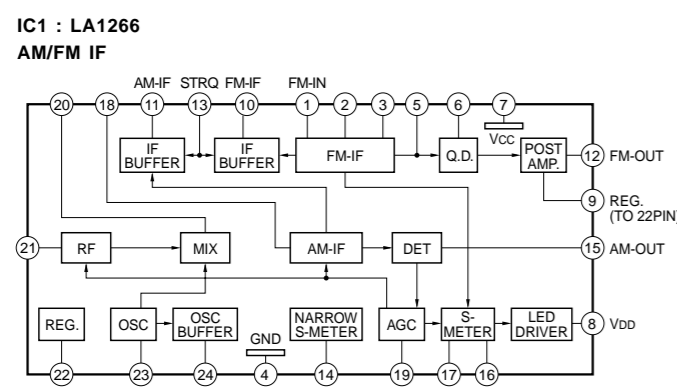
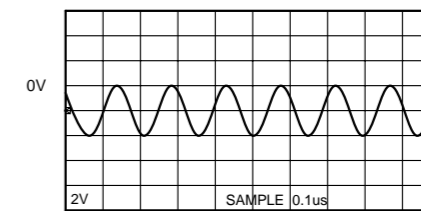


VT

87.5MHz	1.9V
FM	98.0MHz 4.5V
	108.0MHz 7.8V
	151.0MHz 1.3V
AM	1080kHz 5.0V
	1611kHz 7.3V

P-E94/J86  
K-6

Point ⑨ (Pin22 of IC2)  
 V : 2V/div H : 0.1 μsec/div  
 DC range 1 : 1 probe



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