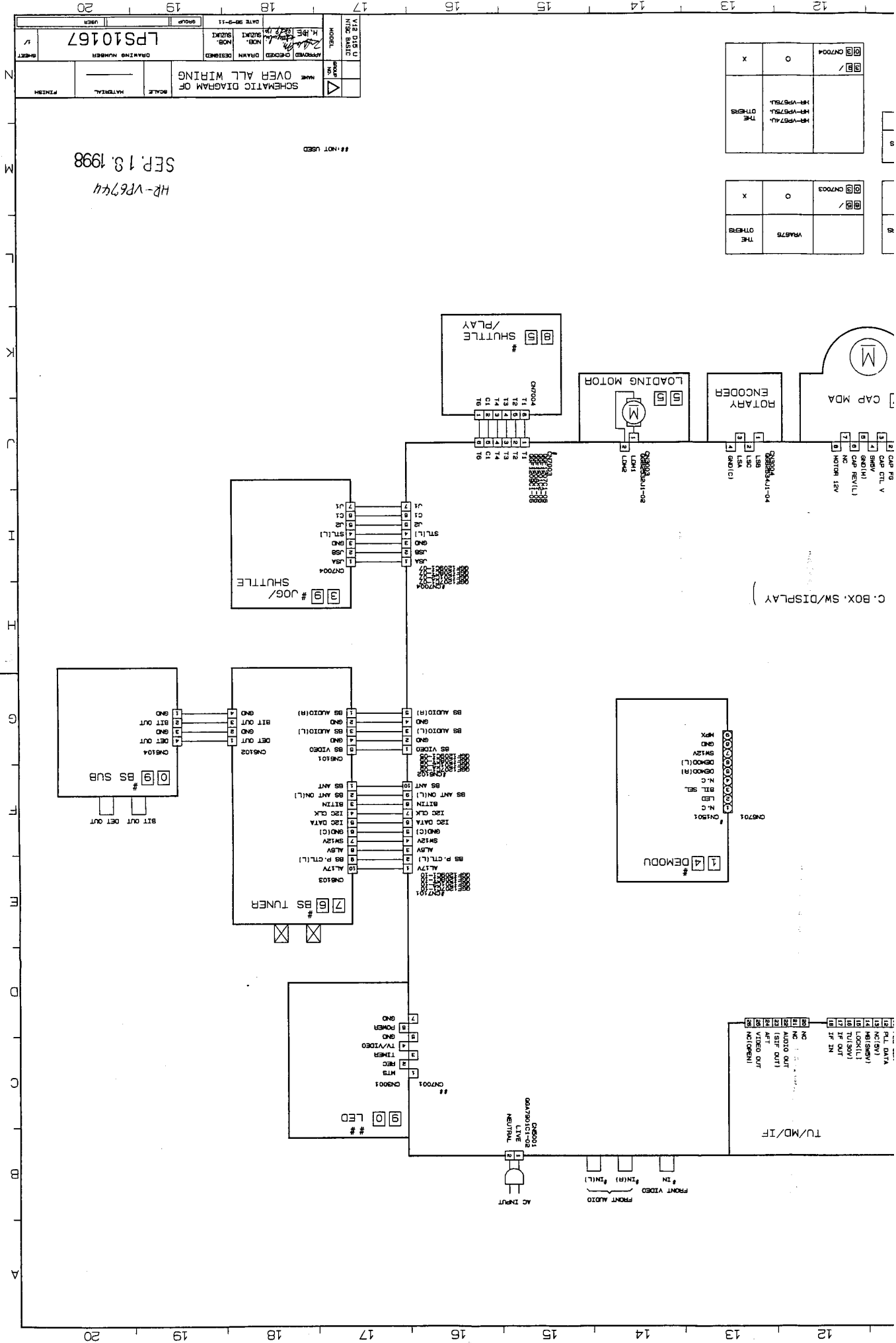


LIST OF SCHEMATIC DIAGRAMS

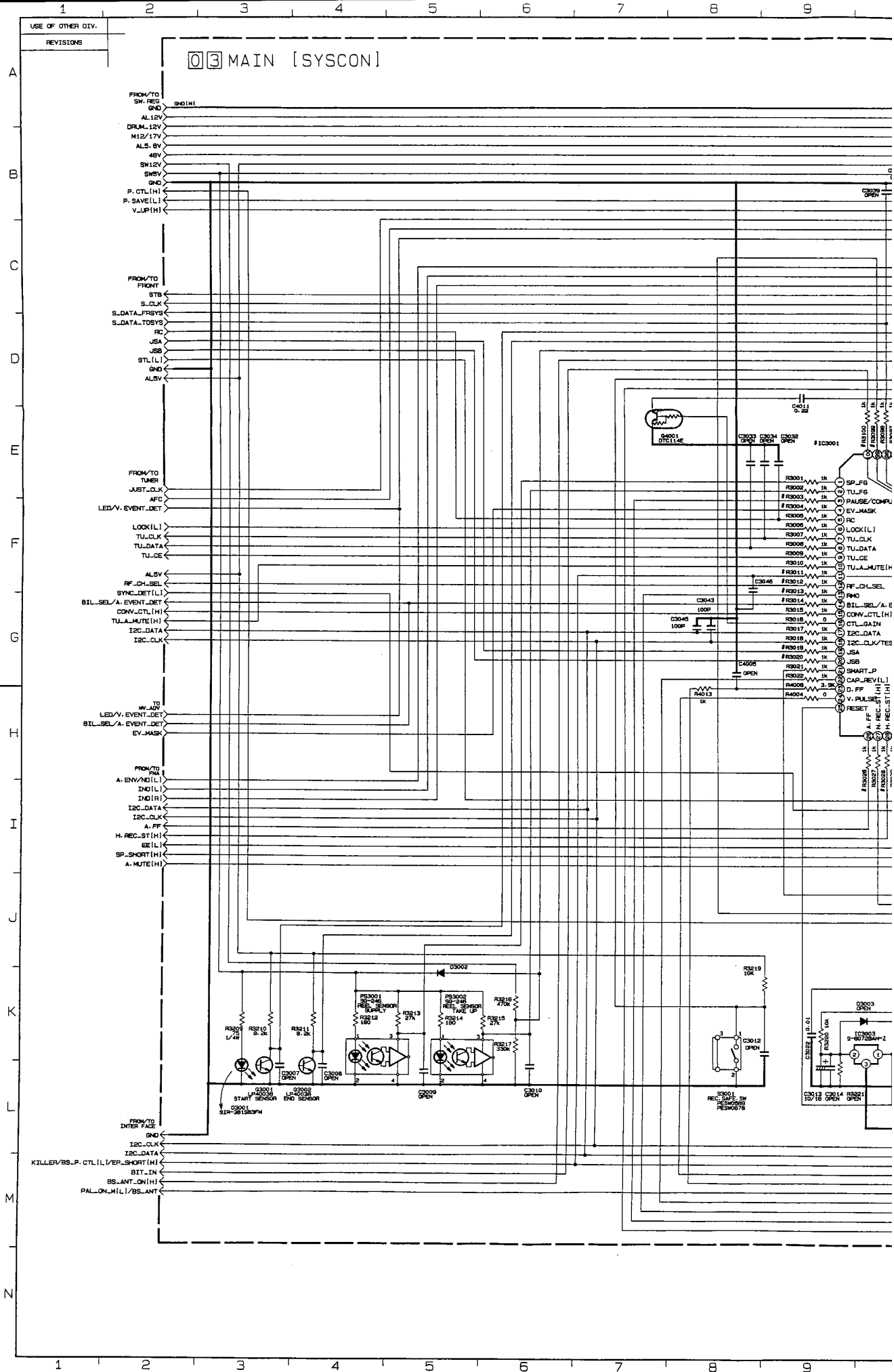
<u>Name of Schematic Diagrams</u>	<u>Schematic number</u>
1. Schematic Diagram of Over All	LPS10167-001
2. Schematic Diagram of Sw.Reg.	LPS10163-001
3. Schematic Diagram of Video / Audio	LPS10161-001
4. Schematic Diagram of Syscon	LPS10173-001
5. Schematic Diagram of Tuner / Demod	LPS10162-001
6. Schematic Diagram of FMA	LPS20114-001
7. Schematic Diagram of Front	LPS10168-001
8. Schematic Diagram of MV ADV	LPS30044-001
9. Schematic Diagram of Connection	LPS20117-001
10. Schematic Diagram of Jog / Shuttle	LPS40031-001
11. Schematic Diagram of Tuner unit, QAU0113-x	BZ022481
12. Schematic Diagram of Tuner unit, QAU0115-x as alternative use of QAU0113-x	BZ022483





	ELECTROLYTIC
	CERAMIC
	MYLER
	NON POLAR

VIR	NSIC	SASTIC	△ MODEL	SCHEMATIC DIAGRAM OF				SCALE	MATERIAL	FINISH
				NAME VIDEO/N. AUDIO						
				APPROVED	CHECKED  SEP 9 1971	DRAWN K. MICHIOKA	DESIGNED MICHIOKA	DRAWING NUMBER LPS10161		SHEET ✓
				DATE	####	GROUP	USER			



12 13 14 15 16 17 18 19 20

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IC3001 MN1010G1YJ# /MN1010P01YAFJ#

IC3004	4K	X24C04P AT24C04-10PC XL24C04P 24LC04B/P ST24C04FBG
	2K	X24C02P AT24C02-10PC 24LC02B/P XL24C02P
	1K	X24C01AP AT24C01A-10PC 24LC01B/P XL24C01AP

HR-VP6544
SEP. 18. 1998

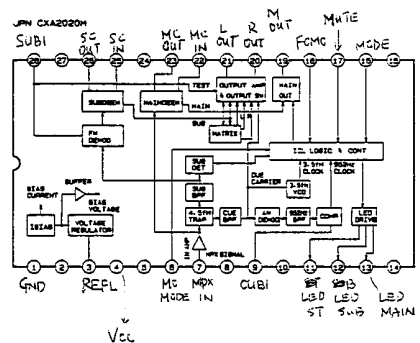
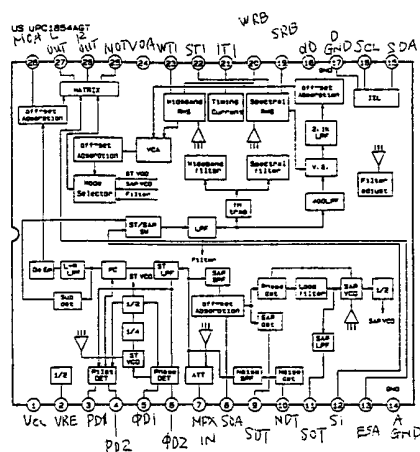
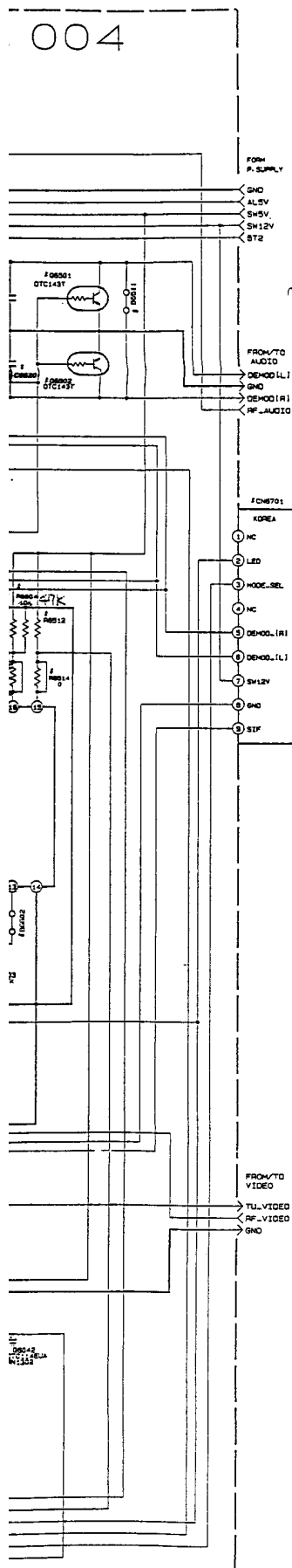
V12 DIS U	MODEL	SCHEMATIC DIAGRAM OF SYSCON				SCALE	MATERIAL	FINISH
		APPROVED	CHECKED	DRAWN NOB. SUZUKI	DESIGNED H. TSURUKA	DRAWING NUMBER		
		DATE SEP-17				GROUP	USER	
					LPS10173			SHEET 2/

12 13 14 15 16 17 18 19 20

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		HR-VP674U HR-VP675U HR-VP676U	HR-990 HR-D240 HR-D29 HR-B9 HR-D9	HR-A55U	HR-VP670U HR-VP672U HR-VP673U	HR-A35U	HR-VP470U HR-VP472U HR-VP473U	HR-F10 HR-F20
SYSCOM IC	IC3001	A	B					
EEPROM	IC3004	4k	4k	4k	4k	4k	4k	4k
LITHIUM BACK UP	B3001	X	X	X	X	X	X	X
	B3002	O	O	O	O	O	O	O
	D3008	X	X	X	X	X	X	X
	R3035	X	X	X	X	X	X	X
	CN3007	X	X	X	X	X	X	X
HIFI	R3028	O	O	O	O	X	X	X
	R3028	O	O	O	O	X	X	X
	R3061	O	O	O	O	X	X	X
R. PAUSE/AV. COMP	R3093	O	X	X	X	X	X	X
	R3003	O	X	X	X	X	X	X
	R3236	O	X	X	X	X	X	X
C. BOX	R3013	R7203	R7202					
	R7204	C7201	C7206					
	L7201	L7202	O7201					
	FW3002							
MOVIE ADV/DEMO DEMO	R3004	O	X	X	O	X	X	X
	R3014	R3088	O	O	X	O	X	X
	R3090	X	O	X	O	X	X	X
JOG/SHUTTLE AUTO.CLK	R3019	R3020	R3031	O	X	X	X	X
	C3018	X	X	O	X	X	X	X
	C3019	O	O	O	O	O	O	O
LEVEL IND SW BS/ PAL-N PAL-N HI-FT	R3088	R3089	X	X	X	X	X	X
	R3011	X	X	X	X	X	X	O
	R3087	R3103	X	X	X	X	X	O
	R3045	R3099	X	X	X	X	X	O
	R3030	X	X	X	X	X	X	X
BACK UP	C3011	X	X	X	X	X	X	X
	C3028	X	X	X	X	X	X	X
	C3028	3300	3300	3300	3300	3300	3300	3300
	CN3005	X	X	X	X	X	X	X
P. SAVE V. UP	R3078	X	X	X	X	X	X	X
	R3079	X	X	X	X	X	X	X
	R3012	X	X	X	X	X	X	X
RF. CH. SEL	R3050	X	X	X	X	X	X	X
	R204	X	X	X	X	X	X	X
	C203	O	O	O	O	O	O	O
	C204	X	X	X	X	X	X	X
OSD	G210	X	X	X	X	X	X	X
	G211	X	X	X	X	X	X	X
	B201	O	O	O	O	O	O	O
	C4019	O	O	O	O	O	O	O
SERVO	R4028	X	X	X	X	X	X	X

		VRA254 VRA354 VRA254	VRA256 VRA306 VRA256	VRA656	VRA676	VRI99/50 VRI99/30	VH498/50 VH598/30	AC498/78 AC499/78	VH799/77	VH499/77 VH599/77
SYSCON IC	IC3001									
EEPROM	IC3004									
LITLUM BACK UP	B3001	X	X	O	O	4K	4K	4K	4K	4K
	B3002	O	O	X	X	X	X	X	O	O
	D3008	X	X	O	O	O	O	O	O	O
	R3036	X	X	O	O	O	O	O	O	O
	CN3007	X	X	O	O	O	O	O	O	O
HIFT	R3026	X	O	O	O	O	X	O	X	O
	R3028	X	O	O	O	O	X	O	X	O
	R3081	X	O	O	O	O	X	O	X	O
R-PAUSE/AV-COMPU	R3093 Q3005	X	X	X	X	X	X	X	X	X
	R3003 PH3001	X	X	X	X	X	X	X	X	X
	R3236 D3007	X	X	X	X	X	X	X	X	X
C-BOX	R3013 R7203 R7208 R7204 C7201 C7206 L7201 L7208 G7201 PH3002	X	X	X	O	X	X	X	X	X
MOTIE ADV/IN DEMO RB DEMO	R3004 R3014 R3088 R3080	X	X	X	X	X	X	X	X	X
JOG/SHUTTLE	R3019 R3020 R3031	X	X	X	X	X	X	X	X	X
AUTO-CLK	C3018 C3019	X O	X O	X O	X O	O X	O X	O X	O X	O X
LEVEL INO SW	R3088 R3089	X	X	X	O	X	O	X	O	X
BS / PAL-M PAL-N HI-FI	R3011 R3067 R3100 R3045 R3099	X X	X X	X X	X X	X X	X X	X X	X X	X X
BACK UP	R3030 C3011 C3026 C3028 CN3005	X X X 3300 X	X X X 3300 X	X X X 1000 X	X X X 1000 O	X X O 1000 O	X X O 1000 O	X X O 1000 O	X X O 1000 O	X X O 1000 O
P-SAVE	R3078	X	X	X	X	X	X	X	X	X
V-UP	R3079	X	X	X	X	X	X	X	X	X
RF-CH-SEL	R3012	X	X	X	X	X	X	X	X	X
GSD	R3050 R204 C203 C204 C210 C211 B201	X O O X X X	X O O X X X	X O O X X X	X O O X X X	X O O X X X	X O O X X X	X O O X X X	X O O X X X	X O O X X X
SERVO	R4019 R4026	O X	O X	O X	O Y	O O	O X	O X	O X	O O



TUNER		US/UM/PAL-M/PALN				JPN		KOREA
		HIFI		MONO		HIFI	HIFI	
TV	TU6001	GAU0113	GAU0115	GAU0113	GAU0115	GAU0112	GAU0114	GAU0121
	R9025	x	x	x	x	x	x	x
VIDEO	G6030, R6030	o	o	o	o	o	o	o
BUFFER	B6030	x	x	x	x	x	x	x
MUTE	G6031, R6034	x	x	x	x	x	x	x
	C6033							
	G6040-G6042							
	R6040-R6046							
SYNC	C6040-C6044	x	x	x	x	x	x	x
DET	D6040, D6041							
	LF6040							
	R6032	12k	12k	3.3k	5.6k	0 ohm	0 ohm	x
AUDIO	R6033	12k	12k	5.6k	2.2k	1.8k	x	x
OUT	R6038	x	x	x	x	x	x	x
	C6031	o	o	o	o	o	o	o
AFC	C6024	o	o	o	o	x	x	o
	C6005-C6008							
	C6012-C6023							
	C6020-C6023							
Others	C6032	x	x	x	x	x	x	x
	C6033							

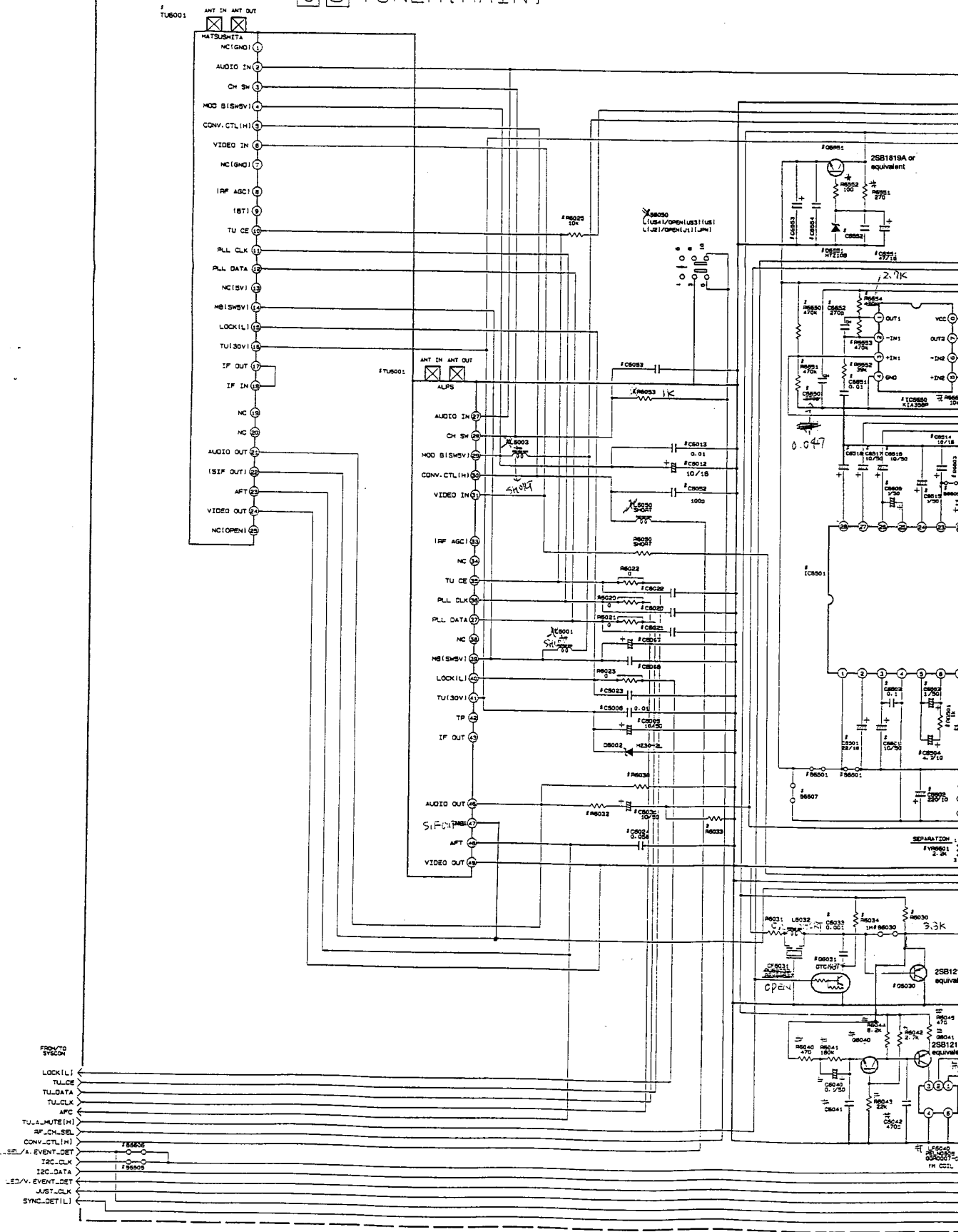
DEMCO	US HTS	JAPAN HTS	KOREA HTS	HONG
CS801	4FC1854AGT	CXA2020M	X	X
RE801~RE803				
RE805~RE807				
RE814				
CS801~CS804				
CS806~CS808	0	X	X	X
CS810~CS811				
CS814~CS817				
RE801~RE805				
RE804	2x3	0.01xP	X	X
RE808	3.9x	12x	5.2x	0
RE809~RE811	1.2x	3.2x	6.8x	X
RE810	3.5x	12x	8.3x	X
CS813	X	10x	X	X
RE819	0	0	X	X
CS808	2.2/70	10/70	X	X
CS809	0.1xP	2.2x	X	X
CS812, CS818	1/30	10/70	X	X
CS813	Ta 3.3/18	1/30	X	X
CS819	X	5500x	0.022	0.056
RE820	X	5500x	0.022	X
RE810	X	X	X	O
RE811, RE812				
RE801~RE802	X	X	X	X
LE801				
IC8850				
RE801~RE804				
RE806~RE808				
CS801~CS805	X	0	X	X
CS850~CS853				
VR8501, CS8601				
36601~36606				
CN8701				
CS8400 UNIT1	X	X	0	X
CS851 RE851	0	0	X	X
CS851 RE852	X	0	X	X
CS851~CS854				

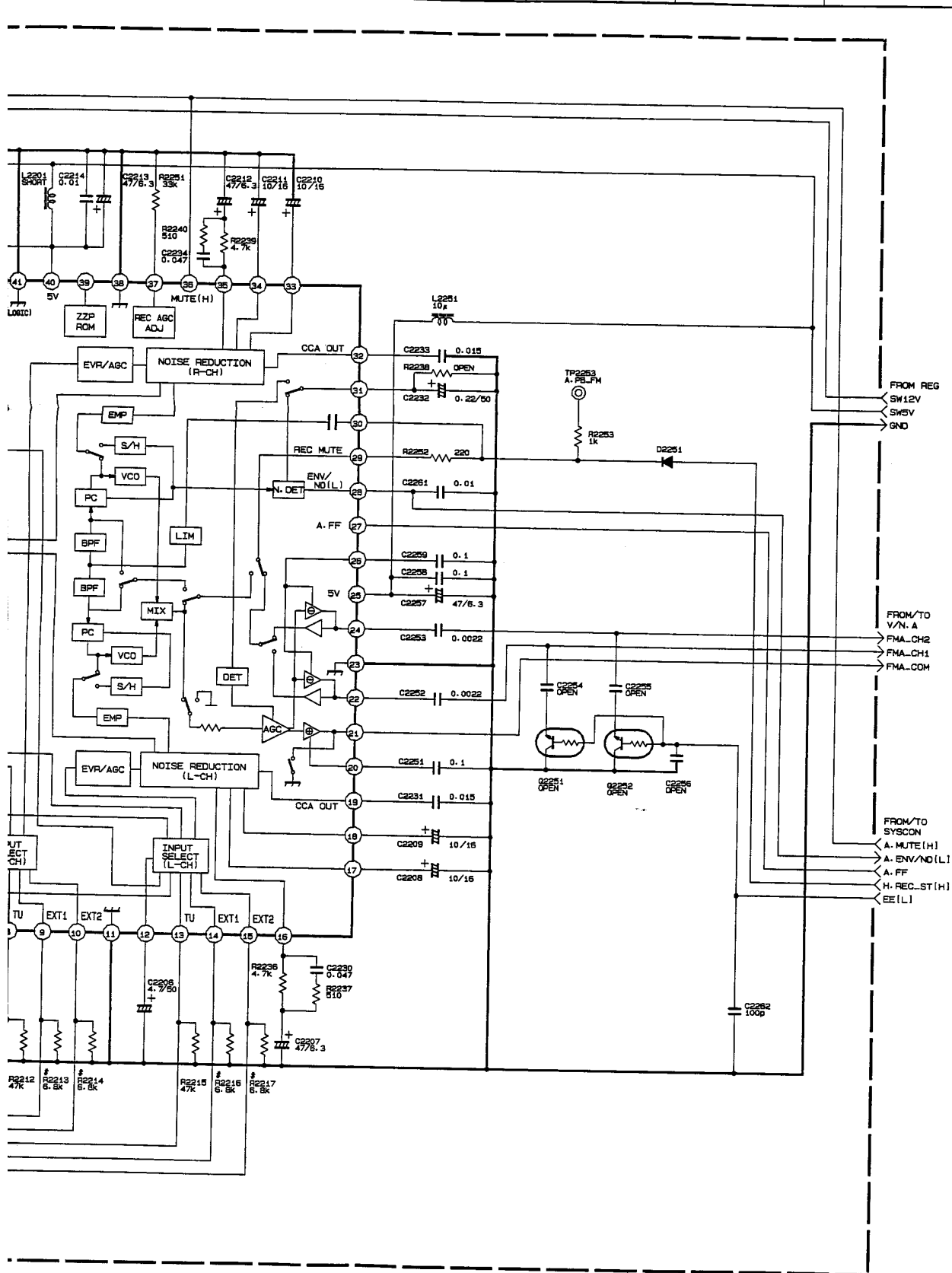
HR-VPS 44
SEP. 18. 1998

Name	Tuner / Demod
Drawing No.	LPS10162

03 TUNER[MAIN]

z58414/V12NT/1





NOTES: UNLESS OTHERWISE SPECIFIED.

- ALL NPN TYPE TRANSISTORS ARE 2SC4081/GRS/.
- ALL PNP TYPE TRANSISTORS ARE 2SA1576A/GR/.
- ALL NPN TYPE DIGITAL TRANSISTORS ARE DTC144WUA.
- ALL PNP TYPE DIGITAL TRANSISTORS ARE DTA144WUA.
- ALL DIODES ARE 1SS133.
- ALL RESISTANCE VALUES ARE IN OHMS.
- ALL INDUCTANCE VALUES ARE IN H.
- ALL CAPACITANCE VALUES ARE IN μ F.

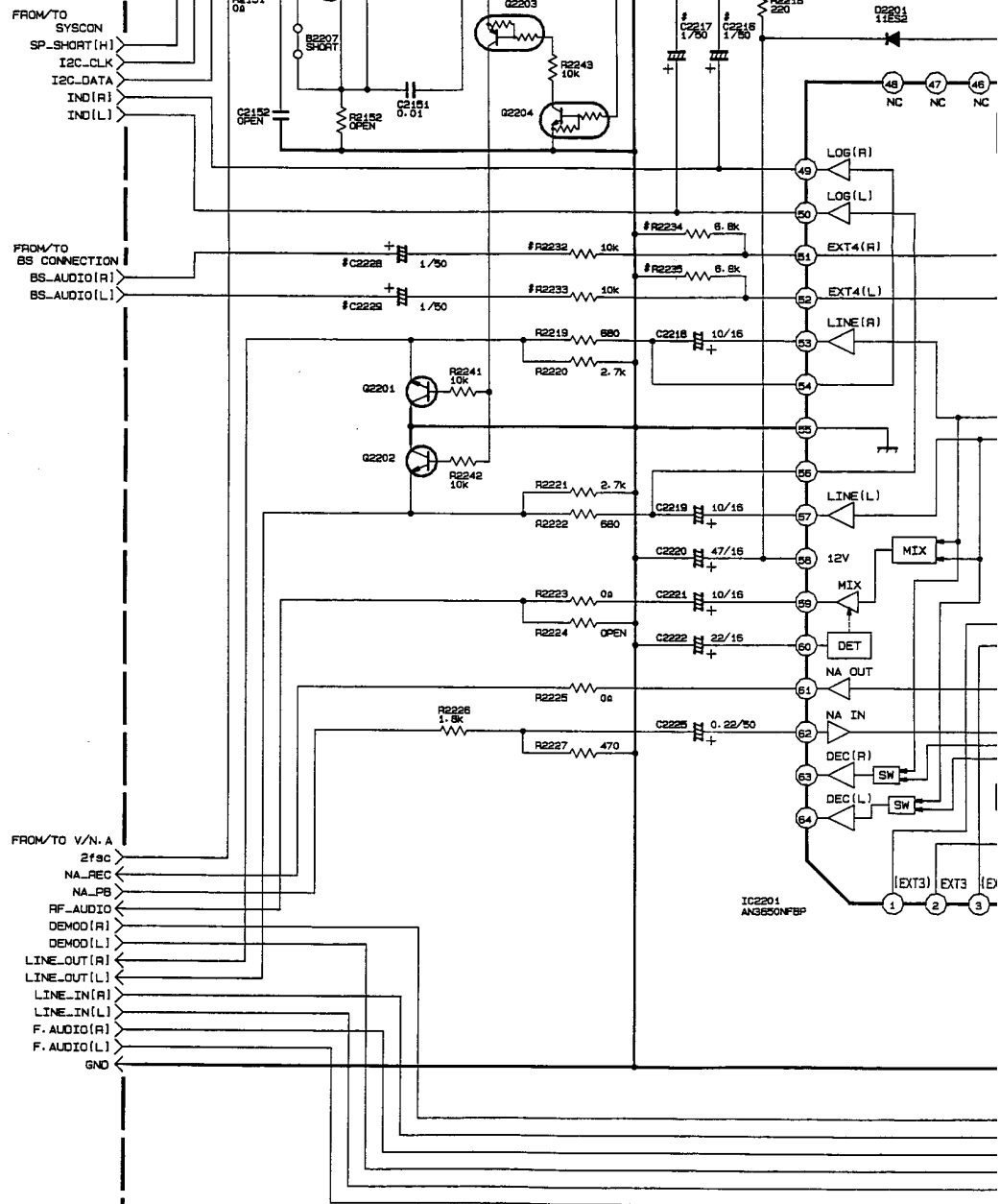
ELECTROLYTIC
 CERAMIC

SCHEMATIC DIAGRAM OF				SCALE	MATERIAL	FINISH
NAME						
FMA						
GROUP NO.	APPROVED	CHECKED	DRAWN	DESIGNED	DRAWING NUMBER	
V12 NTSC	<i>J. S. KASUGAI</i>	<i>J. S. KASUGAI</i>	<i>J. S. KASUGAI</i>	<i>J. S. KASUGAI</i>	LPS20114	
MODEL	DATE 08.09.14	GROUP	USER		SHEET	
					✓	

USE OF OTHER DIV.

REVISIONS

03 MAIN(FMA)

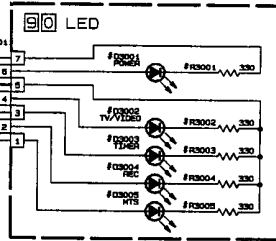
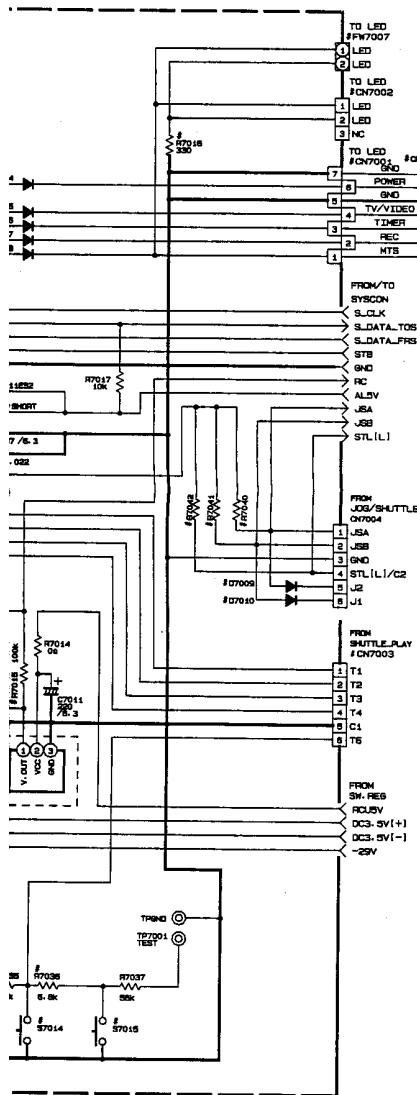


SYMBOL	R2203, R2214 R2211, R2217
FRONT IN	
YES	○
NO	X

SYMBOL	R2232, R2234 R2233, R2235 C2228, C2229
BS IN	
YES	○
NO	X

SYMBOL	R2207, R2213 R2210, R2216
REAR IN	
YES	○
NO	X

SYMBOL	C2216 C2217
LEVEL IND.	
YES	○
NO	X



OPTION	R7009	R7010	R7011	R7012
HR-09 HR-A05U	X	X	X	X
HR-99 HR-A35U	39k	X	X	X
HR-VP470U SEARS (HOND)	X	39k	X	X
HR-VP670U SEARS (HIFI)	X	X	39k	X
HR-VP672U HR-VP673U	X	X	X	39k
HR-VP674U	39k	39k	X	X
	X	39k	X	39k
HR-VP675U HR-VP676U	39k	X	X	39k
HR-VP472U HR-VP473U	X	39k	39k	X
HR-J3006UM	X	39k	X	39k
	X	X	X	39k

FOR/LED	03001-03004 R3001-R3004 07004-07008-07022 CN3001, CN7001	03005 R3005	R7013 07002 07021	017001
	X	O	X	X
	X	O	X	X
HR-J3006UM EXV-JV6300				
HR-J575H HR-J573H	X	X	O	OLF0032 OLF0034
HR-J575EN HR-J575EN/CE				
VR4676 VR759/61				
VR759/76 VR759/77				
THE OTHERS	X	X	O	OLF0031 OLF0033

AC IN	IC7002	R7015	C7012 07003
JVC	01112200 01112200	SHORT	X
PH	01112200 01112200	100k	O

LED	07008 R7016 CN7002
HR-09	O
HR-99	O
THE OTHERS	X

HR-VP674U
SEP. 18. 1998

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.
ELECTROLYTIC
CERAMIC
MYLAR
NON POLAR

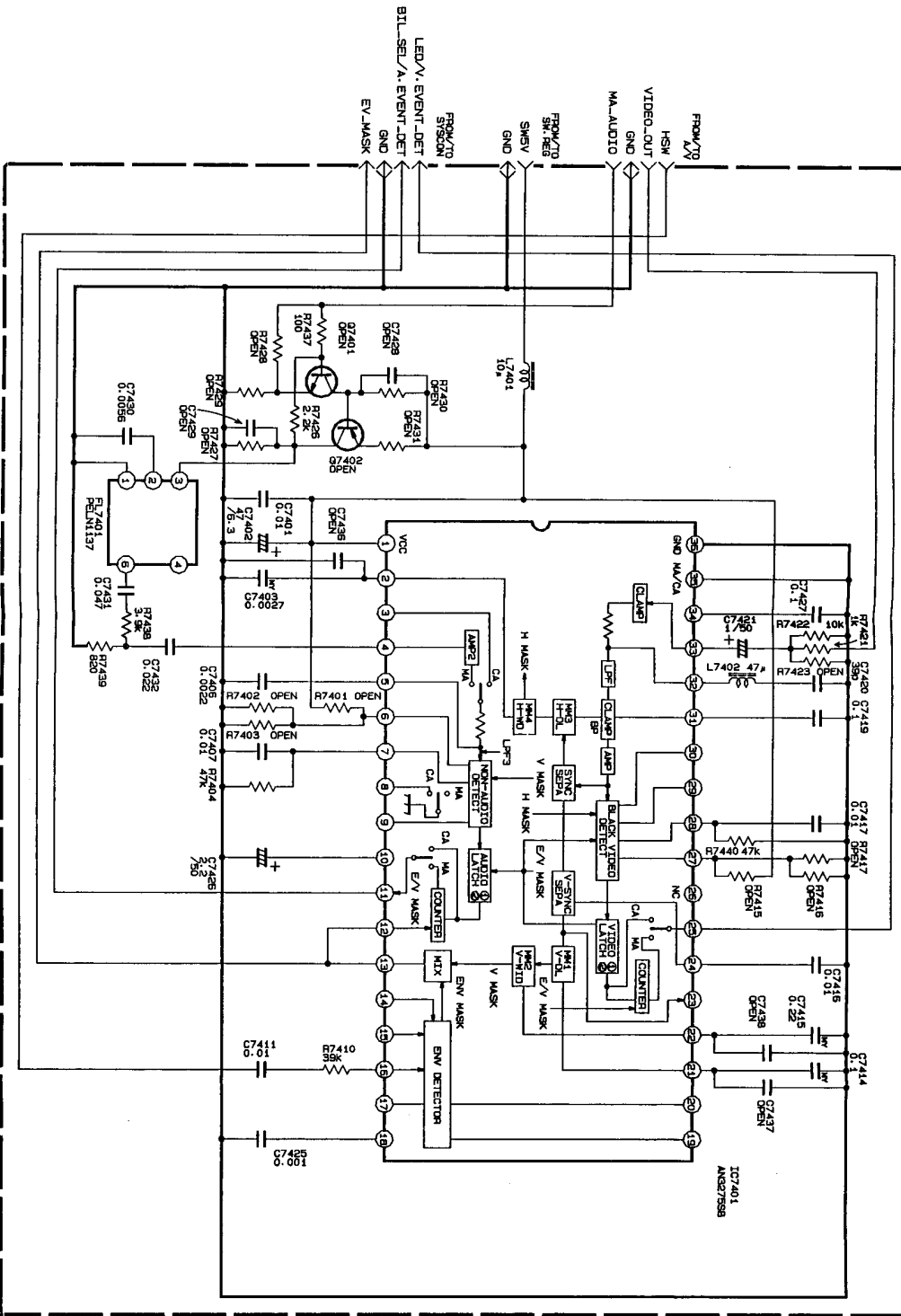
ALL DIODES ARE 1SS133 OR 1N4148M.

NOT USED

SCHEMATIC DIAGRAM OF FRONT		SCALE	MATERIAL	FINISH
NAME	DATE	APPROVED	CHECKED	DRAWN
MODEL	DATE	DESIGNED	TOLERANCE	TOLERANCE
DATE 08-9-15		GROUP		USER
DRAWING NUMBER		SHEET		
LPS10168		✓		

[illegible]

03 MAIN[MV ADV]



NOTES: UNLESS OTHERWISE SPECIFIED.

ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

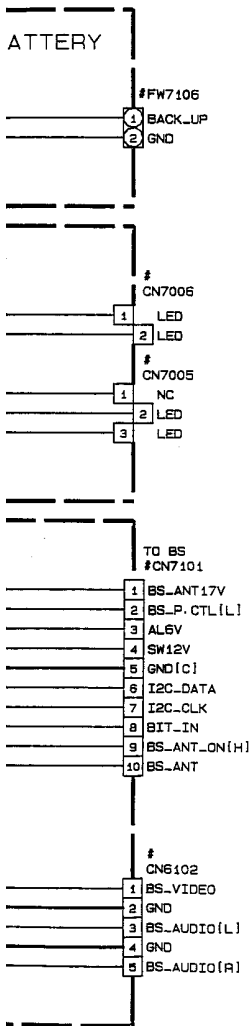
HR-VP6740
SEP 18, 1998

ELECTROLYTIC
 CERAMIC
 WYER

GROUP NO.	NAME	SCALE	MATERIAL	FINISH
1	SCHEMATIC DIAGRAM OF			
2	MV/CM ADVANCE			
3	APPROVED	CHECKED	DRAWN	DESIGNED
4	DATE 98-09-15	DATE 98-09-15	SUGITA	SUGITA
5	GROUP	GROUP	GROUP	GROUP
6	DATE 98-09-15	DATE 98-09-15	SUGITA	SUGITA
7	GROUP	GROUP	GROUP	GROUP
8	DATE 98-09-15	DATE 98-09-15	SUGITA	SUGITA
9	GROUP	GROUP	GROUP	GROUP
10	DATE 98-09-15	DATE 98-09-15	SUGITA	SUGITA

DRAWING NUMBER
LPS30044

SH-BET
V



REFERENCE TABLE

	HR-VP674U HR-VP675U HR-VP676U	VR676	THE OTHERS
J7104	O	O	X
R7156	X	O	X
J7105 R7155	O	X	X

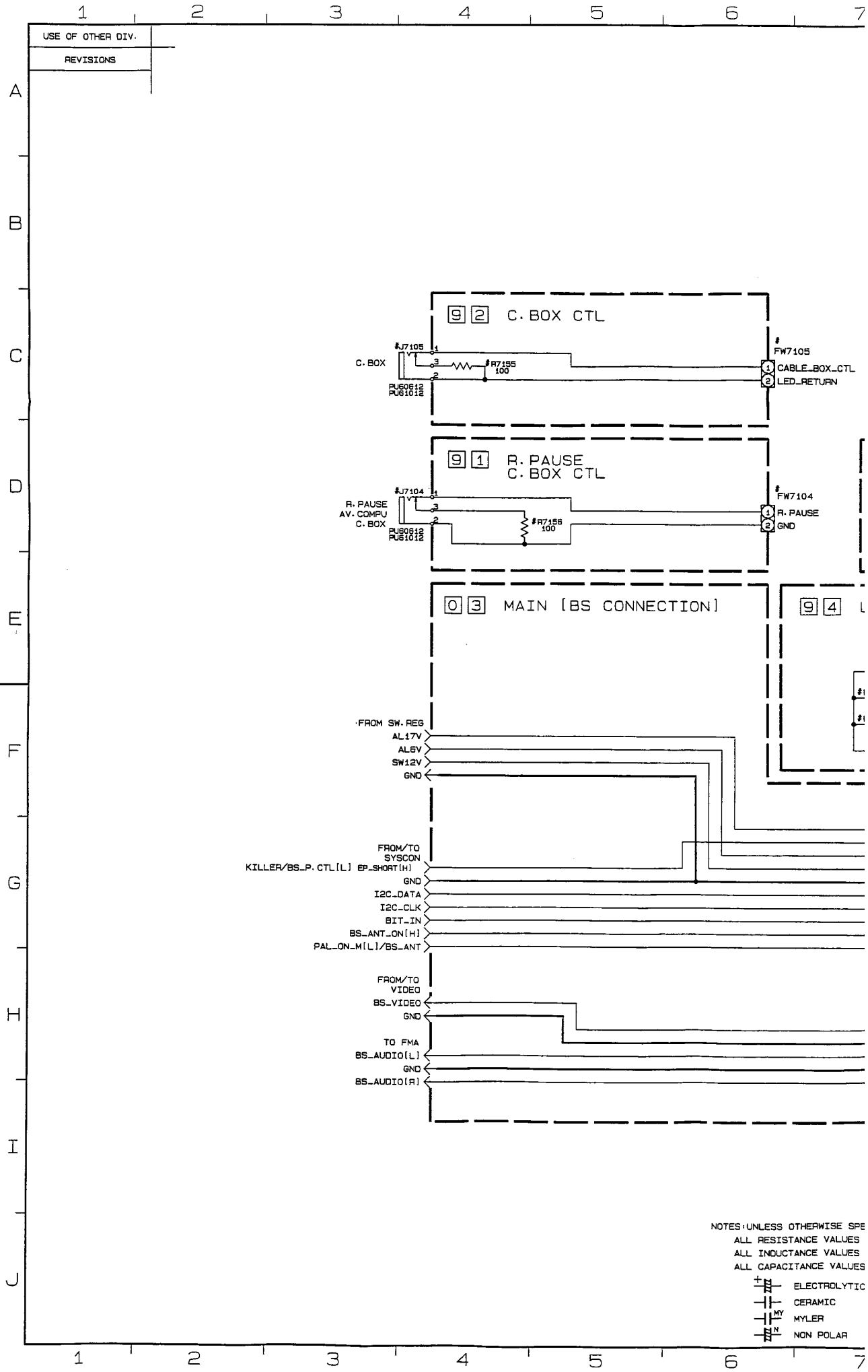
	VR656 VR676 VR499/50 VR599/50 VR799/50 AC499/78 AC799/78 VR499/77 VR499/61 VR599/61 AC599/78 VR599/77 VR799/77 VR799/61	THE OTHERS
BT3001	O	X

	ALL MODELS
CN7101 CN6102	X

	HR-DB HR-DB	THE OTHERS
CN7005	O	
D7034	SLR-342MG3F	X
CN7006 D7033	X	

HR-VP6744
SEP. 13. 1998

V12 D15 U	GROUP NO.	SCHEMATIC DIAGRAM OF CONNECTION				SCALE	MATERIAL	FINISH
		APPROVED H. HDE	CHECKED H. HDE	DRAWN NOB. SUZUKI	DESIGNED NOB. SUZUKI	DRAWING NUMBER LPS20117		
		DATE 98-9-9		GROUP	USER		SHEET 1/	



NOTES
1. UNLESS OTHERWISE SPECIFIED,
ALL RESISTORS ARE IN OHM (1/W).
CAPACITORS ARE IN FARAD.
INDUCTORS ARE IN HENRY.

2. SEMICONDUCTORS ARE AS FOLLOWS.

TR1, 2, 3: 2SC4712K, 2SC4680
TR201: 88305C, 3SK254, 3SK298, 3SK317
TR202: 3SK318, 3SK255, 3SK296
TR201: 2SA1576

VD201~204: HVC306B
VD205~209: HVC306B
VD210~211: HSC202B
D201~207: HSC277

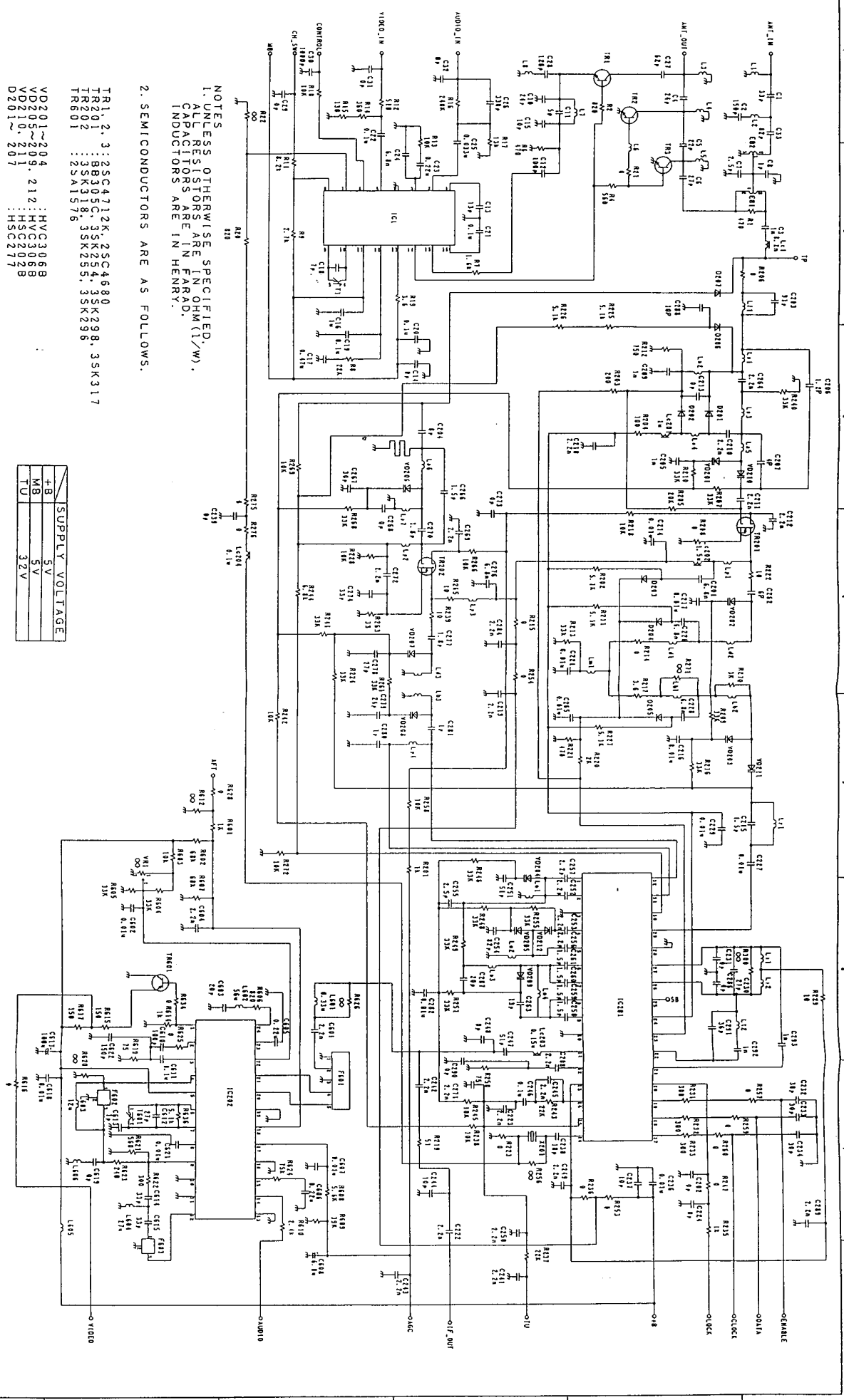
IC101: LA7160M
IC201: ALP022
IC301: ALP027

F801: TS55235P
F802: TS4.5MB
F803: SF34.5MB

SUPPLY VOLTAGE		
+B	5V	
M8	5V	
TU	32V	

HR-VB740
SEP. 18, 1998

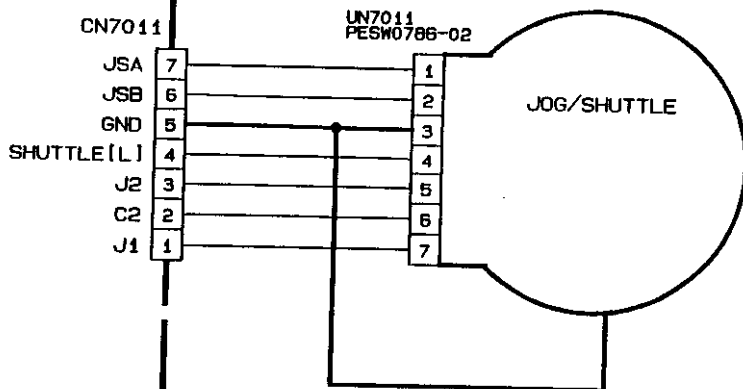
Name	Tuner unit
Drawing No.	CAU0115-X



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G
H
USE OF OTHER DIV.

REVISIONS

85 JOG/SHUTTLE

HR-VP6740
SEP. 18. 1998

NOTES: UNLESS OTHERWISE SPECIFIED.

ALL RESISTANCE VALUES ARE IN OHMS.

ALL INDUCTANCE VALUES ARE IN H.

ALL CAPACITANCE VALUES ARE IN μ F.

$\begin{array}{c} + \\ \text{---} \end{array}$ ELECTROLYTIC
 $\begin{array}{c} \text{---} \\ \text{---} \end{array}$ CERAMIC
 $\begin{array}{c} \text{---} \\ \text{---} \end{array}$ MYLER
 $\begin{array}{c} \text{---} \\ \text{---} \end{array}$ NON POLAR

GROUP NO.	SCHEMATIC DIAGRAM OF SHUTTLE	SCALE	MATERIAL	FINISH		
2D1	APPROVED H. IDE 98.9.11	CHECKED M. TAKEUCHI	DRAWN M. TAKEUCHI	DESIGNED M. TAKEUCHI	DRAWING NUMBER LPS40031	SHEET 1/