

SECTION 4 CHARTS AND DIAGRAMS

NOTES OF SCHEMATIC DIAGRAM

Safety precautions

The Components identified by the symbol  are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.

1. Units of components on the schematic diagram

Unless otherwise specified.

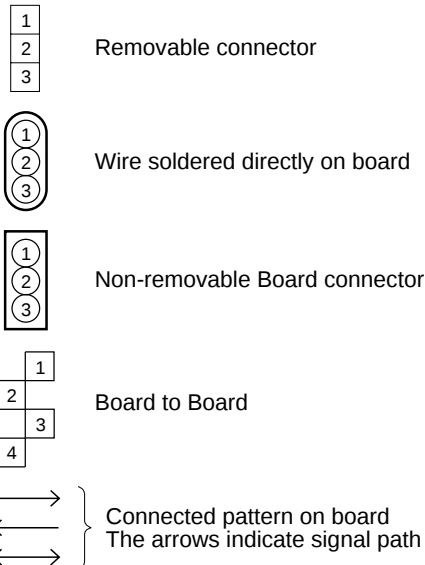
- 1) All resistance values are in ohm, 1/6 W, 1/8 W (refer to parts list).
Chip resistors are 1/16 W.
K or k: k Ω (1000 Ω), M: M Ω (1000k Ω)
- 2) All capacitance values are in μ F, (P: PF).
- 3) All inductance values are in μ H, (m: mH).
- 4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

2. Indications of control voltage

AUX : Active at high

AUX or AUX(L) : Active at low

3. Interpreting Connector indications

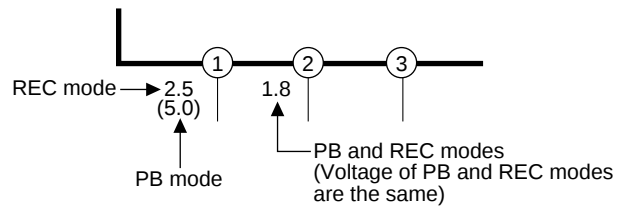


4. Voltage measurement

- 1) Video circuits
REC : Colour bar signal in SP mode, normal VHS mode
PB : Alignment tape, colour bar SP mode, normal VHS mode
— : Unmeasurable or unnecessary to measure
- 2) Audio circuits
REC : 1KHz, -8 dBs sine wave signal in SP mode, Normal VHS mode
PB : REC then playback it
- 3) Movie Camera circuits
Measured using a correctly illuminated gray scale or colour bar test charts in the E-E mode

4) Indication on schematic diagram

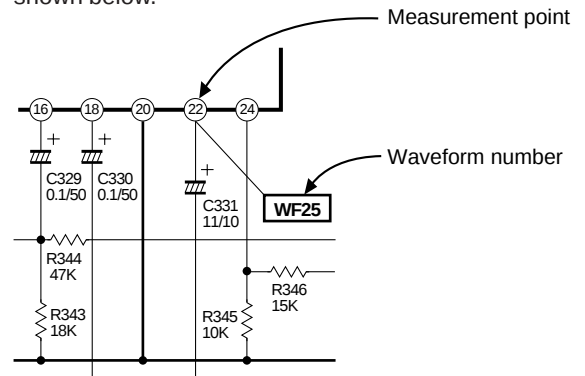
Voltage Indications for REC and PB mode on the schematic diagram are as shown below.



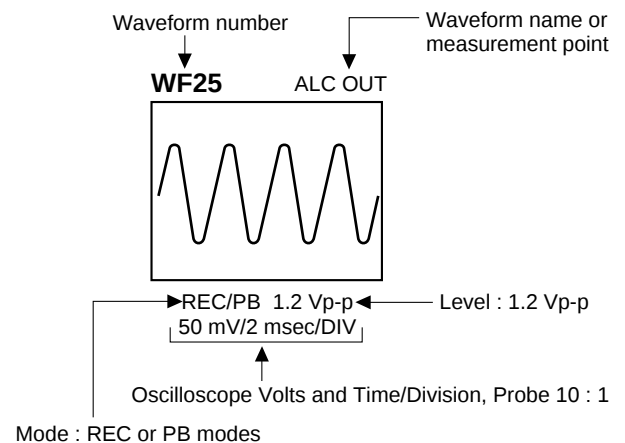
Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.

5. Waveform measurement

- 1) Video circuits
REC : Colour bar signal in SP mode, normal VHS mode
PB : Alignment tape, colour bar SP mode, normal VHS mode
- 2) Audio circuits
REC : 1KHz, -8 dBs sine wave signal in SP mode, normal VHS mode
PB : REC then playback it
- 3) Movie Camera circuits
Measured using a correctly illuminated gray scale or colour bar test charts in the E-E mode
- 4) Indication on schematic diagram
Waveform indications on the schematic diagram are as shown below.



5) Waveform indications



6. Signal path Symbols

The arrows indicate the signal path as follows.

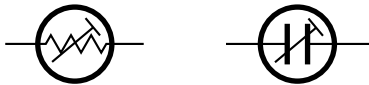
-  Playback signal path
-  Playback and recording signal path
-  Recording signal path (including E-E signal path)
-  Capstan servo path
-  Drum servo path

(Example)

-  R-Y Playback R-Y signal path
-  Y Recording Y signal path

7. Indication of the parts for adjustments

The parts for the adjustments are surrounded with the circle as shown below.



8. Indication of the parts not mounted on the circuit board

“OPEN” is indicated by the parts not mounted on the circuit board.



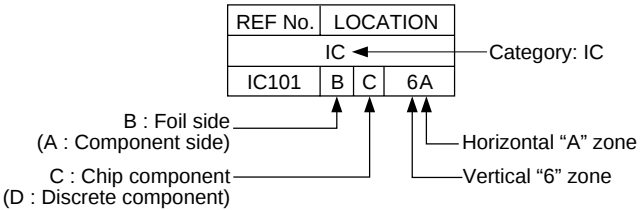
CIRCUIT BOARD NOTES

1. Foil and Component sides

- 1) Foil side (B side) :
Parts on the foil side seen from foil face (pattern face) are indicated.
- 2) Component side (A side) :
Parts on the component side seen from component face (parts face) indicated.

2. Parts location guides

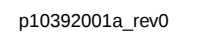
Parts location are indicated by guide scale on the circuit board.



Note:

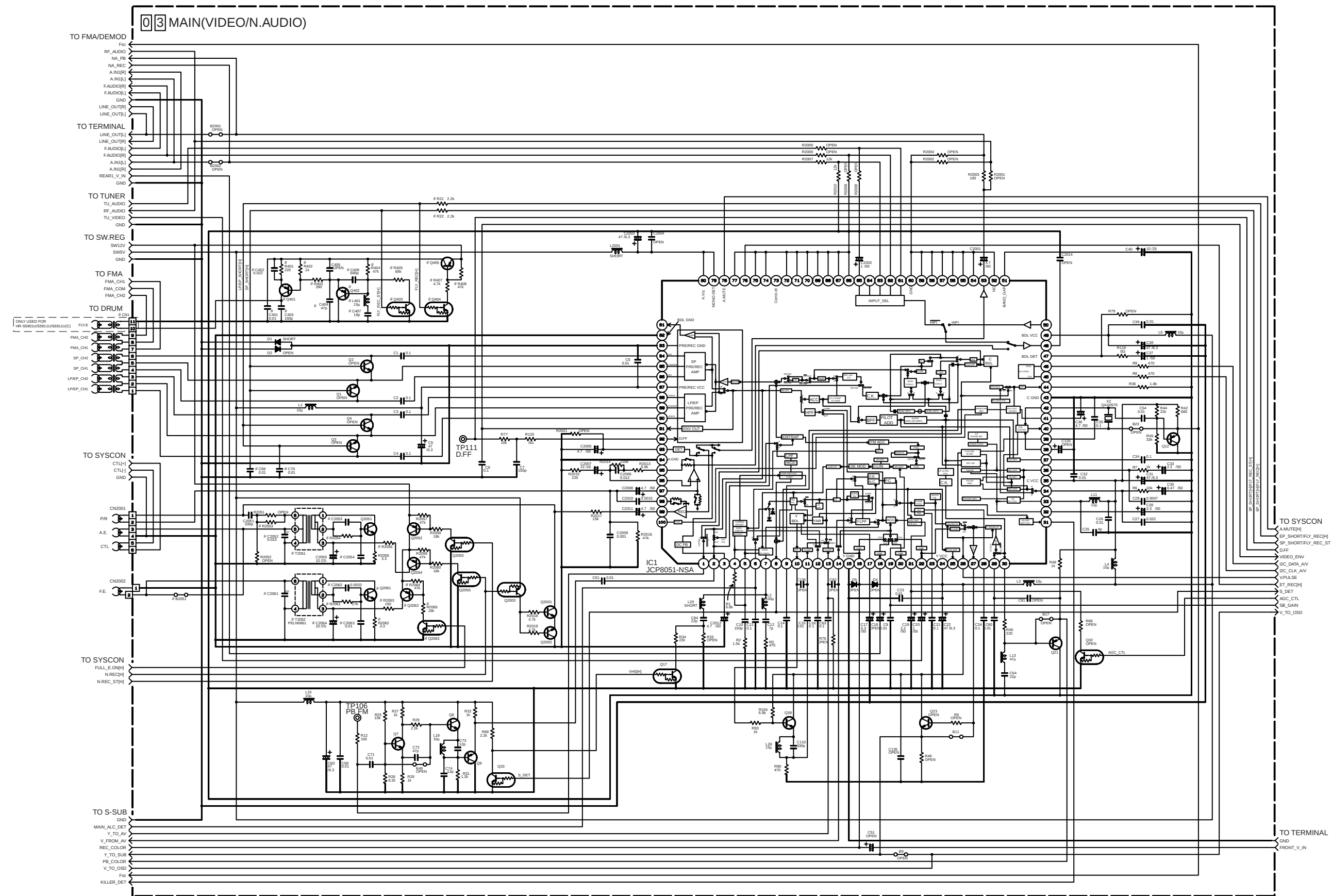
For general information in service manual, please refer to the Service Manual of GENERAL INFORMATION Edition 4 No. 82054D (January 1994).

*Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.*



4.2 MAIN (VIDEO/N.AUDIO) SCHEMATIC DIAGRAM

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.



* DIFFERENCE TABLE
 ○ Used
 X Not used

SYMBOL		Q401-Q409	C401-C409	R21,R22	CN1
MODEL		R401-R409	L401-L402	C69,C70	
FLYING	YES	○			
BRIDGE	NO	X			
		1-11 PIN			
		1-9-PIN			

SYMBOL		T2001	T2004	T2004	R2005	C2051	C2054	C2061
MODEL		T2001-T2004	T2004-T2004	T2004-T2004	R2005	C2051	C2054	C2061
FLYING	YES	○						
BRIDGE	NO	X						
		1-11 PIN						
		1-9-PIN						

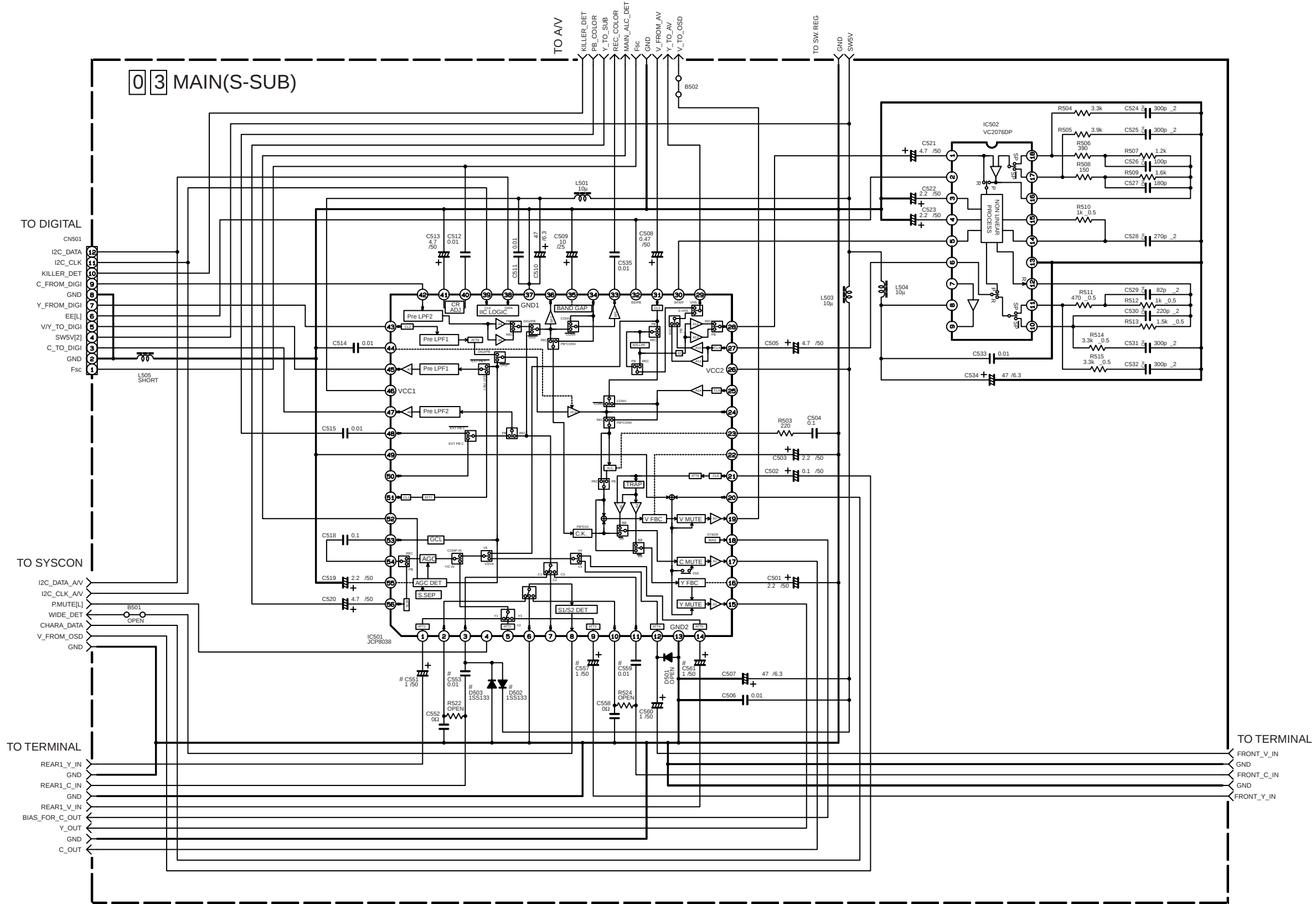
SYMBOL		T2001	T2004	R2053	R2054	R2056	C2053	C2054	C2061
MODEL		T2001-T2004	T2004-T2004	R2053	R2054	R2056	C2053	C2054	C2061
FLYING	YES	○	RELN0082	4.7k	12k	40k	0.0033	0.01	0.023
BRIDGE	NO	X	RELN0083	6.6k	12k	82	0.0047	0.022	0.068
		1-11 PIN							
		1-9-PIN							

NOTES-UNLESS OTHERWISE SPECIFIED:

ALL RESISTANCE VALUES ARE IN OHMS.	ALL NPN TYPE TRANSISTORS ARE 2SC4081QR/GJ.
ALL INDUCTANCE VALUES ARE IN H.	ALL PNP TYPE TRANSISTORS ARE 2SA1576R/GJ.
ALL CAPACITANCE VALUES ARE IN μ F.	ALL NPN TYPE D TRANSISTORS ARE DTC144WU.
 ELECTROLYTIC	ALL PNP TYPE D TRANSISTORS ARE DTA144WU.
 CERAMIC	
 MYLAR	

4.3 MAIN (S-SUB) SCHEMATIC DIAGRAM

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



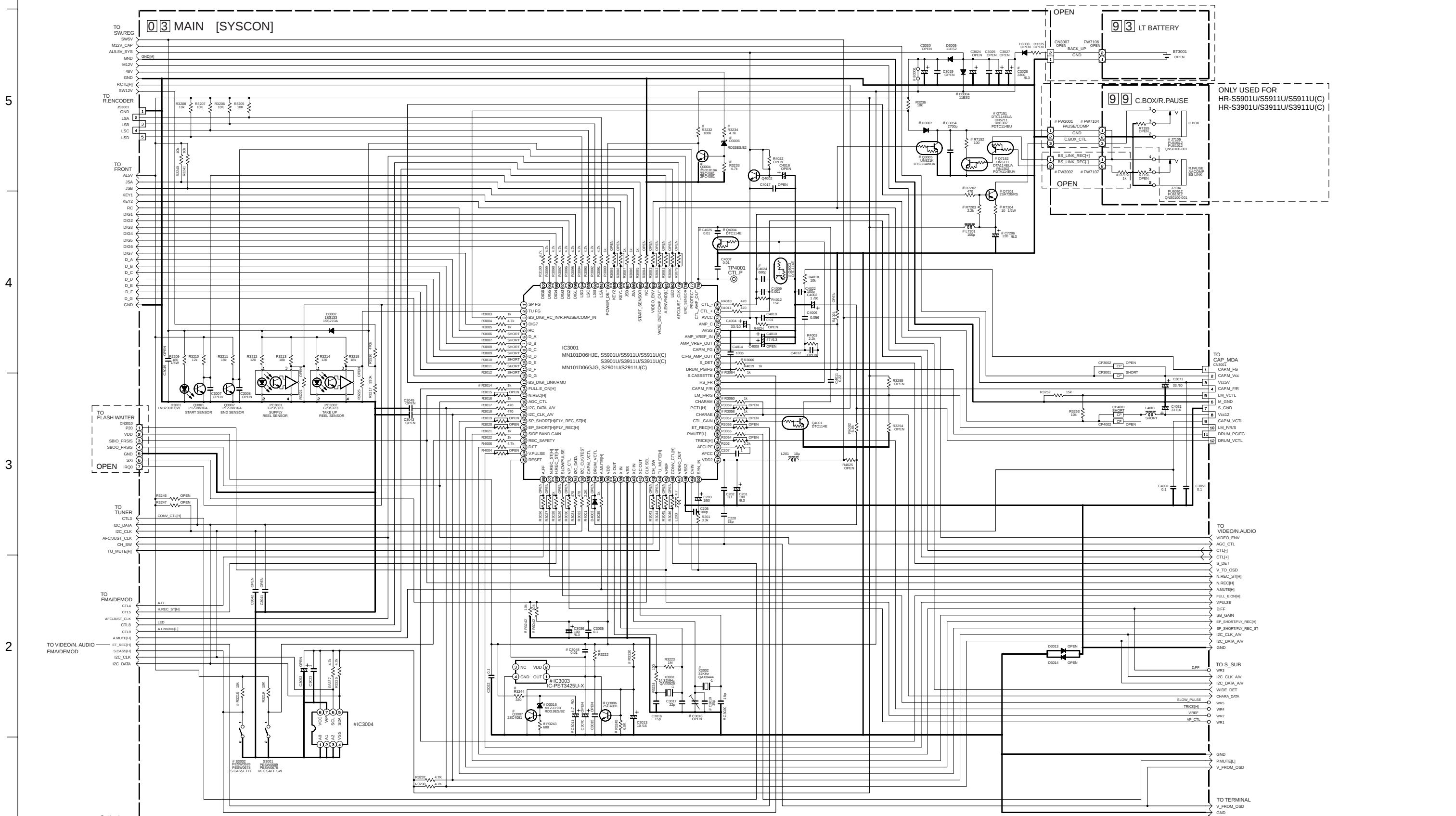
DIFFERENCE TABLE

MODEL	SYMBOL	REAR1_V-IN	REAR1_S-IN	FRONT_S-IN
		C561	C551 C553 D502 D503	C557 C559
HR-S5901U/S5911U/S5911U(C)		O	O	O
HR-S3901U/S3911U/S3911U(C)		O	O	X
HR-S2901U/S2911U(C)/S8009UM		X	X	X

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN µF.
ALL NPN TYPE TRANSISTORS ARE 2SC4081U/QR/
ALL PNP TYPE TRANSISTORS ARE 2SA1576A/QR/
ELECTROLYTIC
CERAMIC
MYLER
NON POLAR

4.4 MAIN (SYSCON) SCHEMATIC DIAGRAM

*Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.*



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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

LAST NO		VACANT NO
R		
C		
D		
Q		
L		

5

4

3

2

1



4-11

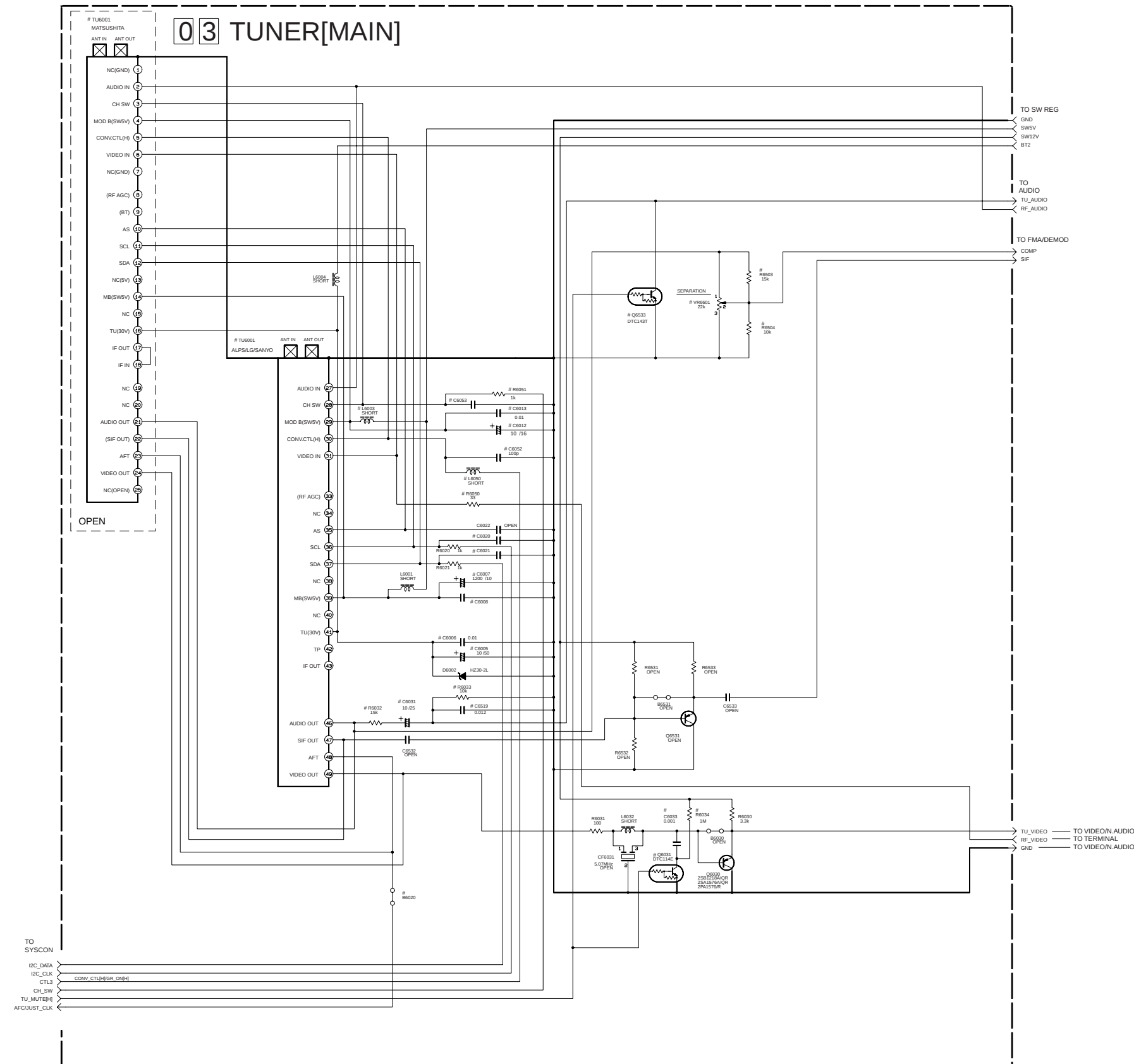
4-114-114-11

4-11

- 4-11

4.6 MAIN (TUNER) SCHEMATIC DIAGRAM

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.

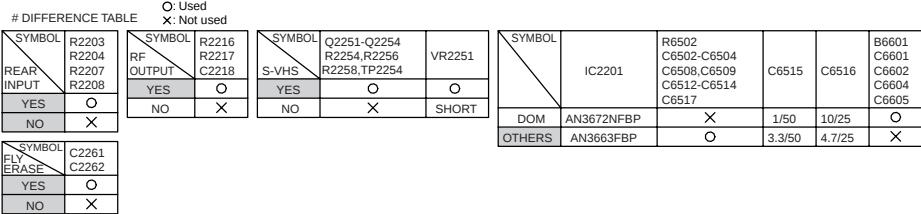


# DIFFERENCE TABLE		○ Used	✕ Not used	
		JPN	US HFI	US MCI
RF CONV.	L6003, L6050, R6050, R6051	✕	○	○
HFI	R6033, R6504	○	○	○
MONO	R6032, R6033, C6033, C6519	✕	✕	○
MUTE	Q6031, Q6033, R6034, C6033	✕	✕	✕
APC	B6020	✕	○	○
	C6005-C6008, C6012, C6013, C6020-C6022, C6052, C6063, VR6501	✕	✕	✕

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

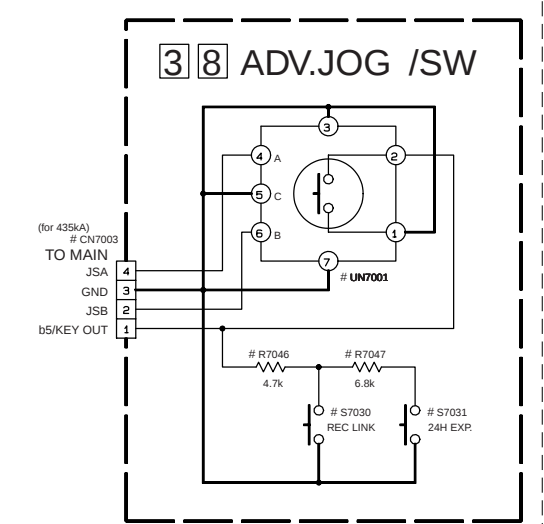
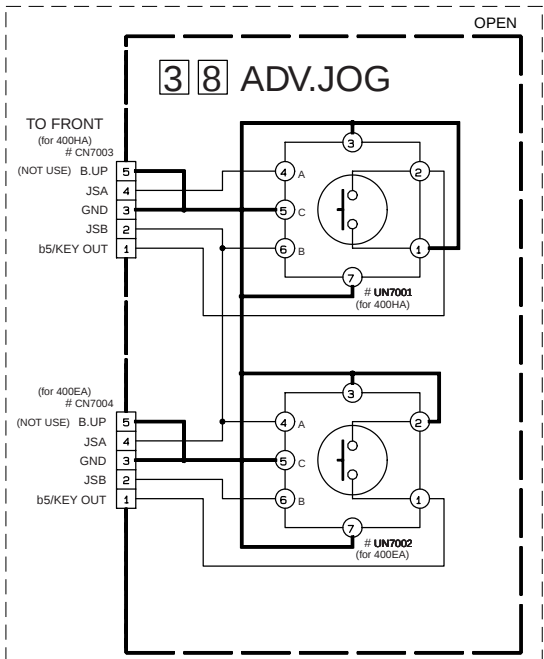
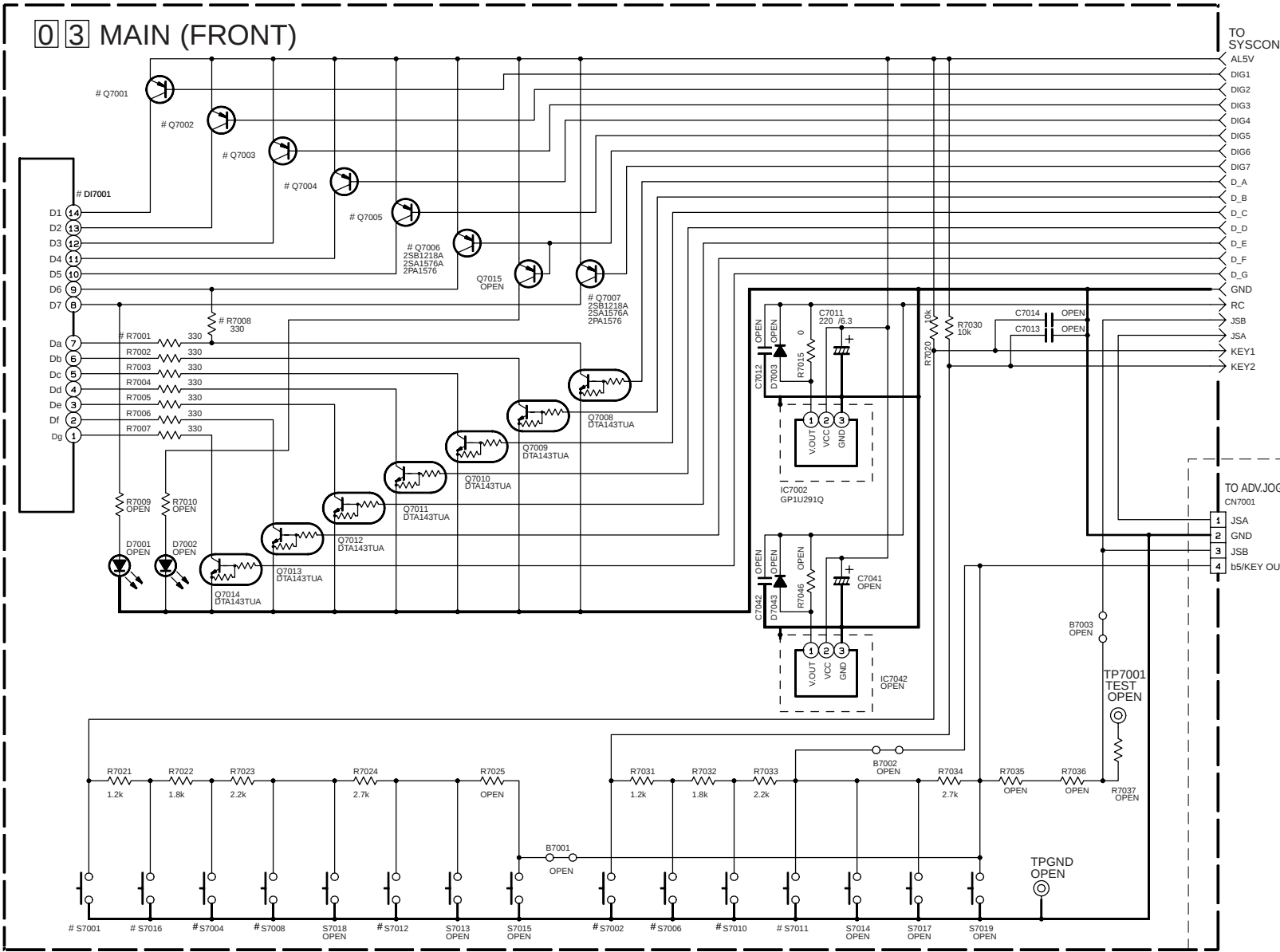
Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.



	ELECTROLYTIC
	CERAMIC
	MYLER
	NON POLAR

4.8 MAIN (FRONT) SCHEMATIC DIAGRAM

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



KEY LAYOUT
○ Used
X: Not used

CHASSIS WIDTH	S7001	S7002	S7016	S7004	S7006	S7008	S7010	S7011	S7013	S7012	DI7001	Q7001 - Q7005	Q7006 Q7007	R7001	R7008
435	X	POWER	X	INSERT	A.DUB	REC	PAUSE	PLAY	STOP/EJECT	X	LTG-Y2K12M-01J	DTA143TUA	X	X	○
400	POWER	STOP/EJECT	REVIW	BS DIGITAL	REC	PAUSE	PLAY	X	X	24H EXP.	LTG-0126M-01J	2SB1218A 2SA1576A 2PA1576	○	○	X

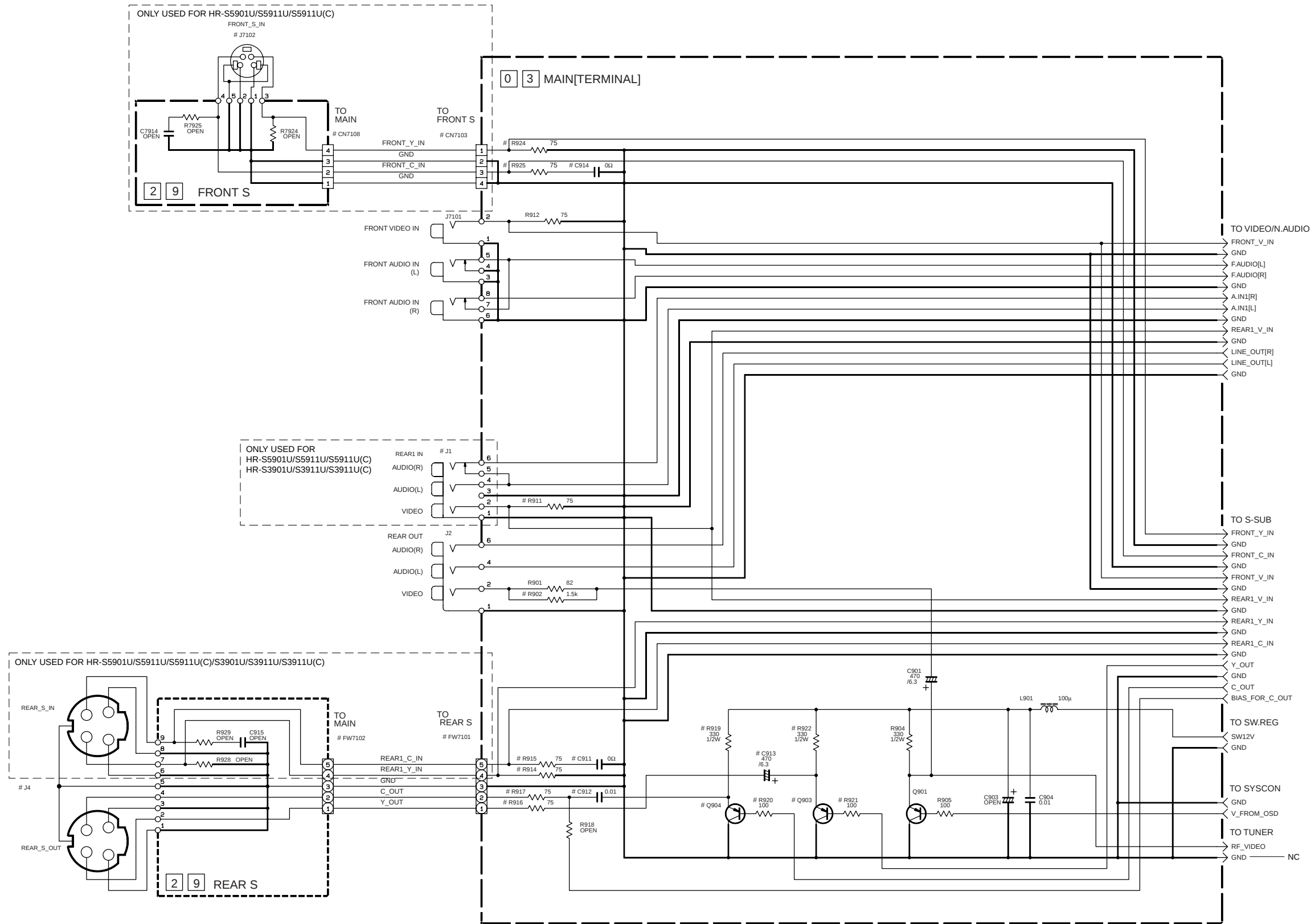
NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

⊕ — ELECTROLYTIC
— CERAMIC
— MY MYLER
— NON POLAR

LAST NO	VACANT NO
R	
C	
D	
Q	
L	

4.9 MAIN (TERMINAL) SCHEMATIC DIAGRAM

Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.
When replacing the parts, refer to the Parts List.



DIFFERENCE TABLE ○ Used
 × Not used

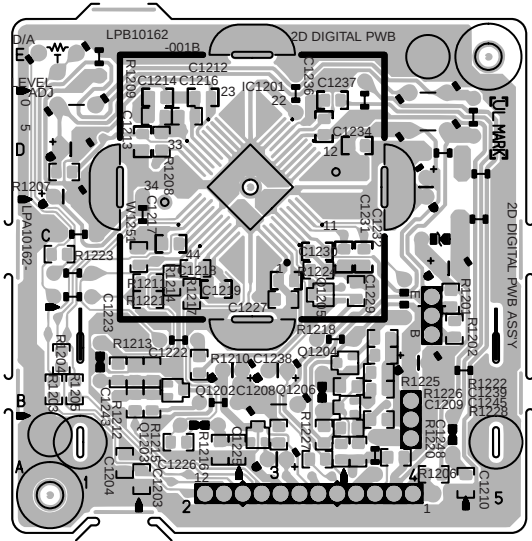
MODEL	SYMBOL	FRONT S-IN		REAR S-IN		REAR A/V-IN	S-VHS/VHS		
		R924 C914 J7102 CN7103	R925 CN7108	R914 C911	J4	FW7101 FW7102	R911 J1	R902 R919-R922 C912 C913 Q903 Q904	
HR-S5901U/S5911U/S5911U(C)		○		○	QND0077-001	1-5 PIN	○	○	
HR-S3901U/S3911U/S3911U(C)		×		○	QND0077-001	1-5 PIN	○	○	
HR-S2901U/S2911U(C)		×		×	QND0076-001	1-3 PIN	×	○	
HR-G12		×		×	×	×	○	×	

NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.
ALL NPN TYPE TRANSISTORS ARE 2SC4081/QRS/
ALL PNP TYPE TRANSISTORS ARE 2SA1576A/QRI

- ⊢ ELECTROLYTIC
- ⊢ CERAMIC
- ⊢ MYLER
- ⊢ NON POLAR

4.11 2D DIGITAL CIRCUIT BOARD

<05> 2D DIGITAL LPB10162-001B



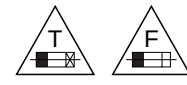
COMPONENT PARTS LOCATION GUIDE <2D DIGITAL>
LPB10162-001B

REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION
CAPACITOR	C1246 A D 4B	R1207 B C 1D
C1201 A D 4C	C1248 B C 4A	R1208 B C 2D
C1203 B C 2A		R1209 B C 2D
C1204 B C 1A	CONNECTOR	R1210 B C 2B
C1208 B C 3A	CN1201 A D 4A	R1211 B C 2C
C1209 B C 4A		R1212 B C 2B
C1210 B C 5A	DIODE	R1213 B C 2B
C1211 A D 1D	D1201 A D 4C	R1214 B C 2C
C1212 B C 2D		R1215 B C 3A
C1213 B C 2D	IC	R1216 B C 2A
C1214 B C 2D	IC1201 B C 3D	R1217 B C 2C
C1215 A D 1C		R1218 B C 3C
C1216 B C 2D	COIL	R1220 B C 3A
C1217 B C 2C	L1201 A D 4B	R1221 B C 2C
C1218 B C 2C	L1202 A D 1D	R1222 B C 4B
C1219 B C 2C	L1203 A D 4D	R1223 B C 1C
C1220 A D 3B	L1204 A D 3B	R1224 B C 3C
C1222 B C 2B	L1205 A D 1B	R1225 B C 3A
C1223 B C 1B	L1206 A D 2A	R1226 B C 4B
C1225 B C 2A	L1207 A D 4D	R1227 B C 3A
C1226 B C 2A	L1208 A D 3B	R1228 B C 4B
C1227 B C 3C		
C1228 A D 3B	TRANSISTOR	OTHER
C1229 B C 4C	Q1201 A D 4C	LC1201 A D 4A
C1230 B C 3C	Q1202 B C 2B	VR1201 A D 1E
C1231 B C 3C	Q1203 B C 3A	
C1232 B C 4C	Q1204 B C 3B	
C1233 A D 4C	Q1205 B C 3C	
C1234 B C 4D	Q1206 B C 3B	
C1235 A D 4D		
C1236 B C 3D	RESISTOR	
C1237 B C 3D	R1201 B C 4C	
C1238 B C 3B	R1202 B C 4B	
C1239 B C 4B	R1203 B C 1B	
C1243 B C 2B	R1204 B C 1B	
C1244 A D 3A	R1205 B C 1B	
C1245 B C 4B	R1206 B C 4A	

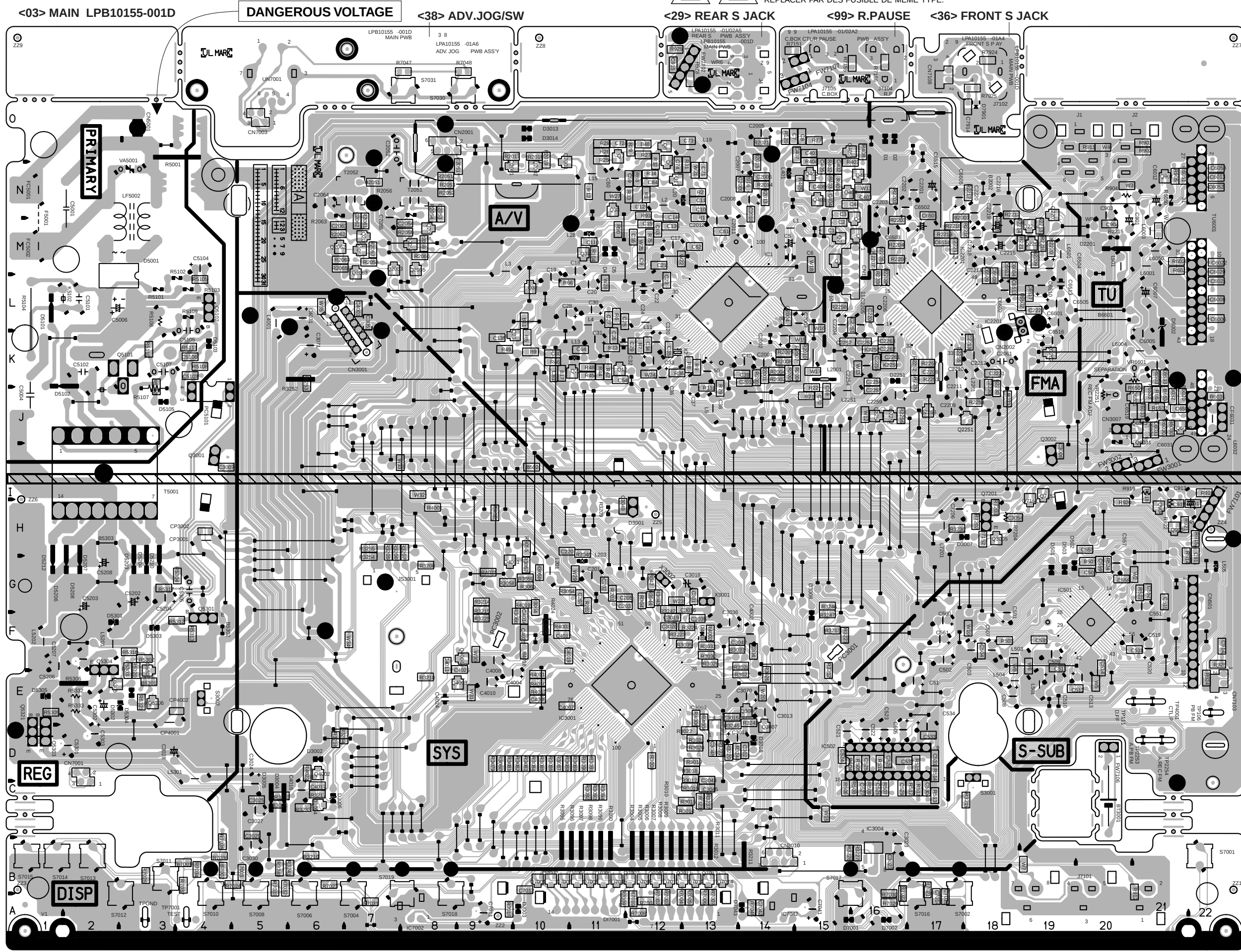
COMPONENT PARTS LOCATION GUIDE <MAIN> LPB10155-001D

REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION
CAPACITOR	C911 B C 22H	C5105 A D 4L	FUSE	Q7005 B C 11B	R2055 B C 8M	R3219 B C 18C	R7924 B C 18P
C1 B C 15M	C912 B C 21H	C5106 B C 4K	F5001 A D 1N	Q7006 B C 11B	R2056 A D 8N	R3220 B C 13D	R7925 B C 18P
C2 B C 15M	C913 A D 22H	C5107 A D 3K		Q7007 B C 12B	R2057 B C 7M	R3221 B C 15F	
C3 B C 15N	C914 B C 22F	C5202 A D 3G	IC	Q7008 B C 12B	R2058 B C 7M	R3222 B C 13D	SWITCH
C4 B C 15N	C915 B C 12P	C5203 A D 2G	IC1 B C 13L	Q7009 B C 12B	R2059 B C 8M	R3223 B C 12F	S3001 A D 18C
C5 A D 14M	C2001 A D 14K	C5204 A D 3G	IC501 B C 20F	Q7010 B C 12B	R2060 B C 8M	R3224 B C 13F	S3002 A D 4E
C6 A D 15M	C2002 A D 14K	C5206 A D 1F	IC502 A D 15D	Q7011 B C 13B	R2061 B C 7M	R3225 B C 9F	S7001 A D 22B
C7 B C 14C	C2003 A D 15L	C5207 A D 2F	IC2201 B C 17L	Q7012 B C 13B	R2062 B C 6M	R3226 B C 15B	S7002 A D 17B
C8 B C 15C	C2004 B C 14L	C5208 A D 2G	IC3001 B C 12E	Q7013 B C 13B	R2063 A D 6N	R3227 B C 16B	S7004 A D 7B
C9 B C 12M	C2005 A D 14C	C5301 A D 2D	IC3003 B C 13D	Q7014 B C 13B	R2064 B C 6M	R3228 B C 5C	S7006 A D 6B
C10 B C 13N	C2006 B C 14N	C5302 A D 2E	IC3004 B C 16B	Q7015 B C 11B	R2065 B C 6M	R3233 B C 6C	S7008 A D 5B
C11 B C 13N	C2007 A D 14N	C5303 A D 2D	IC7002 A D 8A	Q7151 B C 19H	R2201 B C 16N	R3234 B C 7D	S7010 A D 4B
C12 B C 12N	C2008 A D 14N	C5305 A D 4G	IC7042 A D 14A	Q7152 B C 19I	R2202 B C 16M	R3235 A D 20J	S7011 A D 3B
C14 B C 12N	C2009 B C 14N	C6005 A D 21K	COIL	Q7201 A D 18H	R2203 B C 16M	R3236 B C 17H	S7012 A D 3B
C15 B C 12M	C2010 B C 14N	C6006 B C 22L	L1 A D 15M		R2204 B C 16M	R3237 B C 13C	S7013 A D 2B
C16 B C 12M	C2011 A D 14M	C6007 A D 21L	L2 A D 12N	RESISTOR	R2205 B C 16M	R3238 B C 13C	S7014 A D 1B
C17 A D 12M	C2012 A D 13M	C6008 B C 22L	L3 A D 10M	R1 B C 13N	R2206 B C 16L	R3240 B C 5B	S7015 A D 1B
C18 A D 11M	C2014 B C 14K	C6012 A D 21N	L4 A D 11L	R2 B C 13N	R2207 B C 16M	R3241 B C 6B	S7016 A D 17B
C19 A D 10L	C2051 B C 9N	C6013 B C 22N	L5 A D 13J	R3 B C 12N	R2208 B C 16L	R3242 B C 12G	S7017 A D 16B
C20 A D 11L	C2052 A D 7O	C6020 B C 22M	L11 A D 12L	R4 B C 10K	R2209 B C 19M	R3243 B C 14E	S7018 A D 8B
C21 B C 12M	C2053 B C 8N	C6021 B C 22L	L12 A D 11K	R5 B C 11L	R2210 B C 19M	R3244 B C 13D	S7019 A D 8B
C22 A D 12L	C2054 B C 8M	C6022 B C 22M	L13 A D 11K	R6 B C 12K	R2211 B C 19M	R3245 B C 13D	S7030 A D 9P
C23 B C 12L	C2055 A D 7N	C6031 A D 21J	L15 A D 11N	R7 B C 13K	R2212 B C 18N	R3246 B C 15G	S7031 A D 8P
C24 A D 12L	C2061 A D 18K	C6033 B C 21J	L19 A D 13O	R8 B C 13K	R2213 B C 19M	R3247 A D 5K	TESTPOINT
C25 B C 11L	C2062 B C 7M	C6052 B C 22N	L20 A D 13N	R9 B C 11N	R2214 B C 18M	R3252 A D 5K	TP106 A D 22E
C26 B C 11K	C2063 B C 6M	C6053 B C 22N	L21 A D 11M	R10 B C 15J	R2215 A D 20M	R3253 B C 6K	TP111 A D 21E
C27 B C 11L	C2064 A D 6N	C6501 B C 17N	L201 A D 10G	R11 B C 15J	R2216 B C 18M	R3254 B C 7G	TP2253 A D 21D
C28 A D 11L	C2201 A D 17N	C6502 A D 17M	L203 A D 11G	R12 B C 11O	R2217 B C 18N	R3255 B C 7H	TP2254 A D 21D
C29 B C 12K	C2202 A D 16N	C6503 A D 16M	L401 A D 14N	R13 B C 11O	R2218 B C 17M	R4001 B C 8H	TP4001 A D 21E
C30 A D 11L	C2203 A D 16N	C6504 A D 19L	L501 A D 19E	R14 B C 12O	R2219 B C 17M	R4002 B C 13F	TP7001 A D 4A
C31 A D 11K	C2204 A D 15L	C6505 A D 19L	L503 A D 18F	R15 B C 11O	R2220 B C 19M	R4003 B C 10F	TPGND A D 3A
C32 A D 11K	C2205 A D 16L	C6506 A D 21K	L504 A D 19E	R16 B C 12O	R2230 B C 18J	R4004 B C 13E	
C33 A D 12K	C2206 A D 16L	C6508 B C 18L	L505 A D 22G	R17 B C 13N	R2231 B C 18J	R4006 B C 13E	
C34 B C 12K	C2207 B C 16L	C6509 B C 18L	L901 A D 20M	R18 B C 12O	R2251 B C 17K	R4010 B C 10E	OTHER
C35 B C 12K	C2208 B C 17K	C6510 A D 19L	L2001 A D 15K	R19 B C 12N	R2252 B C 17K	R4011 B C 10E	BT3001 A D 20C
C36 A D 12K	C2209 A D 17J	C6511 B C 18L	L2201 A D 18K	R20 B C 12N	R2253 B C 17K	R4012 B C 10E	CF6031 A D 22J
C37 A D 13J	C2210 A D 17K	C6512 B C 18M	L2251 A D 15J	R21 B C 12K	R2254 B C 18J	R4018 B C 10F	CP3001 A D 4H
C38 A D 13K	C2211 A D 17J	C6513 A D 19M	L4001 A D 5K	R22 B C 11K	R2255 B C 17K	R4019 B C 10G	CP3002 B C 4H
C39 B C 14K	C2212 A D 18K	C6514 B C 17M	L5201 A D 2F	R23 B C 11K	R2256 B C 16J	R4021 B C 9G	CP4001 A D 3E
C40 A D 14K	C2213 B C 18K	C6515 A D 17N	L5202 A D 1F	R24 B C 11K	R2257 B C 17K	R4022 B C 6D	CP4002 B C 4E
C51 A D 17E	C2214 A D 18M	C6516 A D 19K	L5301 A D 4D	R25 B C 10K	R2258 B C 15L	R4024 A D 10F	DI7001 A D 12A
C54 B C 11K	C2215 A D 18M	C6517 B C 19L	L6001 A D 21M	R26 B C 11K	R3003 B C 12D	R4025 B C 9H	FC5001 A D 1N
C59 B C 12N	C2216 A D 18N	C6519 B C 21J	L6003 A D 21M	R27 B C 9K	R3004 A D 12B	R5001 A D 3O	FC5002 A D 1M
C60 A D 11N	C2217 B C 18M	C6532 B C 21J	L6004 A D 21K	R28 B C 10L	R3005 A D 12B	R5101 A D 3L	FW3001 A D 21I
C61 B C 13M	C2218 A D 18M	C6533 B C 21K	L6032 A D 22J	R29 B C 12N	R3006 A D 12B	R5102 A D 3L	FW3002 A D 20I
C62 B C 13M	C2219 A D 18M	C6601 A D 19L	L6050 A D 21M	R30 B C 12M	R3007 A D 12B	R5103 A D 4L	FW7101 A D 22I
C63 B C 12M	C2220 A D 18N	C6602 A D 18L	L6501 A D 19M	R31 B C 15O	R3008 A D 12B	R5104 A D 1L	FW7102 A D 13P
C64 B C 11K	C2221 B C 17M	C6604 B C 18M	L7201 A D 17H	R32 B C 13J	R3009 A D 12B	R5105 B C 4L	FW7104 A D 15P
C69 B C 15J	C2222 B C 19L	C6605 A D 17N		R33 B C 11M	R3010 A D 13B	R5106 A D 3L	FW7106 A D 20D
C70 B C 15J	C2230 B C 18J	C7011 A D 9A	TRANSISTOR	R34 B C 12N	R3011 A D 13B	R5107 A D 3J	FW7107 A D 15P
C71 B C 13N	C2231 B C 18K	C7012 B C 10B	Q1 B C 15M	R35 B C 11M	R3012 A D 13B	R5108 B C 4K	J1 A D 20O
C72 B C 11O	C2251 B C 16L	C7013 B C 17A	Q2 B C 15M	R36 B C 13J	R3014 B C 13C	R5109 A D 4L	J2 A D 21O
C73 B C 13O	C2252 B C 15K	C7014 B C 17A	Q3 B C 16M	R37 B C 14O	R3015 B C 13C	R5110 B C 3K	J4 A D 14P
C74 B C 12N	C2253 B C 16K	C7041 A D 15A	Q4 B C 16M	R38 B C 11G	R3016 B C 13C	R5111 B C 4K	J7101 A D 20A
C80 B C 10K	C2254 A D 16K	C7042 B C 14A	Q7 B C 11O	R39 B C 11G	R3017 B C 13D	R5112 B C 3K	J7102 A D 18P
C81 B C 10K	C2255 B C 16K	C7206 A D 17H	Q8 B C 12O	R40 B C 15N	R3018 B C 13D	R5302 B C 3F	J7104 A D 16P
C84 B C 12N	C2256 B C 16K	C7914 B C 18O	Q9 B C 12N	R41 B C 15N	R3019 B C 13D	R5303 B C 3E	J7105 A D 15P
C110 B C 11M	C2257 B C 16J		Q12 B C 11K	R42 B C 15N	R3020 B C 13D	R5304 B C 4G	JS3001 A D 7G
C120 A D 12K	C2259 A D 16J	CONNECTOR	Q17 B C 12N	R43 B C 15O	R3021 B C 13D	R5305 B C 1E	LF5002 A D 3N
C135 B C 9K	C2261 B C 16K	CN1 A D 16M	Q21 B C 11K	R44 B C 15N	R3022 B C 13D	R5306 A D 1E	PC3001 A D 15F
C136 B C 12M	C2262 B C 16K	CN501 A D 22G	Q23 B C 10K	R45 B C 15N	R3026 B C 14E	R5310 B C 3F	PC3002 A D 9F
C201 A D 11G	C2263 B C 16K	CN2001 A D 9O	Q32 B C 10L	R46 B C 16O	R3027 B C 14E	R5312 B C 4F	PC5101 A D 4K
C202 B C 11G	C3007 B C 4I	CN2002 A D 18L	Q33 B C 11N	R47 B C 18F	R3028 B C 14F	R5313 B C 4F	T2051 A D 8N
C203 B C 11G	C3008 B C 19I	CN3001 A D 7L	Q38 B C 11M	R48 B C 15D	R3029 B C 13F	R5317 B C 3G	T2052 A D 7N
C205 B C 11G	C3011 A D 13D	CN3007 A D 20J	Q401 B C 16N	R49 B C 16D	R3030 B C 13F	R5320 B C 3E	T5001 A D 1J
C207 B C 11G	C3013 A D 14E	CN3010 A D 14B	Q402 B C 15N	R50 B C 15C	R3031 B C 13F	R5321 B C 3E	TU6001 A D 22O
C220 B C 10H	C3015 B C 13E	CN5001 A D 3O	Q403 B C 15N	R51 B C 16C	R3032 B C 13F	R5332 A D 2E	UN7001 A D 5P
C401 B C 15O	C3016 B C 13G	CN7001 A D 2C	Q404 B C 15N	R52 B C 16C	R3035 B C 13F	R5333 B C 2E	VA5001 A D 3N
C402 B C 15N	C3017 B C 13G	CN7003 A D 5O	Q405 B C 15O	R53 B C 16C	R3042 B C 12G	R6020 B C 21M	VR2251 A D 20J
C403 B C 16N	C3018 A D 12G	CN7103 A D 22E	Q901 B C 21N	R54 B C 16D	R3043 B C 12G	R6021 B C 21M	VR6601 A D 21K
C404 B C 15N	C3019 B C 12F	CN7108 A D 17P	Q903 B C 21H	R55 B C 17C	R3044 B C 12G	R6030 B C 21J	WR1 A D 13F
C405 B C 15N	C3020 B C 12F		Q904 B C 21H	R56 B C 17C	R3045 B C 12G	R6031 B C 22J	WR2 A D 15G
C406 B C 15N	C3022 B C 14D	DIODE	Q2001 B C 9N	R57 B C 17C	R3046 B C 11H	R6032 B C 21J	WR3 A D 13D
C407 B C 15O	C3023 B C 16B	D1 A D 16O	Q2002 B C 10N	R58 B C 17D	R3054 B C 10G	R6033 B C 21J	WR4 A D 10G
C501 A D 18F	C3024 A D 5D	D2 A D 16O	Q2003 B C 10N	R59 B C 17D	R3055 B C 10H	R6034 B C 21J	WR5 A D 14F
C502 A D 17F	C3025 B C 5C	D4 A D 11M	Q2051 B C 8M	R60 B C 21G	R3056 B C 10G	R6050 A D 21N	WR6 A D 13P
C503 A D 18F	C3027 A D 5C	D5 A D 11M	Q2052 B C 7M	R61 B C 20G	R3057 B C 10G	R6051 B C 21N	X2 A D 12K
C504 B C 18F	C3028 A D 3D	D501 A D 19G	Q2053 B C 7M	R901 B C 21O	R3058 B C 9G	R6502 B C 19L	X3001 A D 13G
C505 A D 16D	C3029 B C 5C	D502 A D 19G	Q2054 B C 8M	R902 B C 21O	R3059 B C 10G	R6503 B C 21K	X3002 A D 12G
C506 B C 20G	C3030 A D 5B	D503 A D 19G	Q2055 B C 8M	R904 A D 20N	R3060 B C 10G	R6504 B C 21J	
C507 A D 18F	C3035 B C 13F	D2201 A D 21M	Q2061 B C 7M	R905 B C 21N	R3064 B C 10G	R6531 B C 21J	
C508 A D 18E	C3036 A D 13F	D2251 A D 16K	Q2062 B C 6M	R911 B C 20O	R3066 B C 10F	R6532 B C 21J	
C509 A D 19F	C3041 B C 14F	D3001 A D 12H	Q2063 B C 7M	R912 B C 21B	R3079 B C 9D	R6533 B C 21J	
C510 A D 19E	C3042 B C 13F	D3002 A D 6D	Q2201 B C 19N	R914 B C 21H	R3080 B C 9D	R7001 B C 12A	
C511 B C 19F	C3043 B C 13D	D3004 A D 5D	Q2202 B C 19K	R915 B C 22H	R3081 B C 9D	R7002 B C 12A	
C512 B C 19E	C3045 B C 13C	D3005 A D 5D	Q2203 B C 19M	R916 B C 22I	R3082 B C 10D	R7003 B C 12A	
C513 A D 20E	C3048 B C 13D	D3006 A D 6C	Q2204 B C 19M	R917 B C 22H	R3083 B C 10D	R7004 B C 12A	
C514 B C 20F	C3049 B C 11H	D3007 A D 17H	Q2251 B C 18J	R918 B C 21I	R3084 B C 10D	R7005 B C 13A	
C515 B C 21G	C3051 B C 7L	D3008 A D 15G	Q2252 B C 16J	R919 A D 21I	R3085 B C 10D	R7006 B C 13A	
C518 B C 21F	C3053 A D 16B	D3013 A D 10O	Q2254 B C 17J	R920 B C 20H	R3086 B C 10D	R7007 B C 13A	
C519 A D 20F	C3054 B C 18H	D3014 A D 10O	Q2255 B C 16J	R921 B C 21H	R3087 B C 10D	R7008 B C 12A	
C520 A D 21F	C3070 A D 14E	D3016 A D 14D	Q3001 A D 4I	R922 A D 21H	R3088 B C 10D	R7009 B C 11A	
C521 A D 15D	C3071 A D 6K	D4003 B C 13F	Q3002 A D 19I	R924 B C 22E	R3089 B C 11D	R7010 B C 12A	
C522 A D 16D	C4001 B C 7L	D5011 B C 3L	Q3004 B C 6C	R925 B C 22F	R3090 B C 11D	R7015 B C 9A	
C523 A D 16D	C4002 A D 14F	D5101 A D 1L	Q3005 B C 18H	R928 B C 13P	R3091 B C 11D	R7020 B C 16A	
C524 B C 15D	C4004 A D 10E	D5102 A D 2K	Q3006 B C 14E	R929 B C 12P	R3092 B C 11C	R7021 B C 17B	
C525 B C 16D	C4006 B C 10F	D5103 A D 4K	Q3007 B C 14D	R2001 B C 14K	R3093 B C 11C	R7022 B C 16B	
C526 B C 16C	C4007 B C 10E	D5105 A D 3J	Q4001 B C 9G	R2002 B C 14K	R3094 B C 11C	R7023 B C 6B	
C527 B C 16C	C4008 A D 9F	D5203 A D 3H	Q4002 B C 6D	R2003 B C 14K	R3095 A D 10B	R7024 B C 5B	
C528 B C 16D	C4009 B C 10E	D5204 A D 3H	Q4003 B C 9E	R2004 B C 14K	R3096 A D 11B	R7025 B C 3B	
C529 B C 16C	C4010 A D 9E	D5206 A D 2H	Q4004 B C 9F	R2005 B C 14K	R3097 A D 11B	R7030 B C 16B	
C530 B C 17C	C4011 B C 8F	D5207 A D 2H	Q5101 A D 2K	R2006 B C 15K	R3098 A D 11B	R7031 B C 7A	
C531 B C 17D	C4012 B C 10F	D5208 A D 2H	Q5102 A D 4L	R2007 B C 15K	R3099 A D 11B	R7032 B C 5B	
C532 B C 16D	C4014 B C 10F	D5210 A D 3H	Q5301 A D 4F	R2008 B C 14K	R3100 A D 11B	R7033 B C 5B	
C533 B C 17D	C4						

4.12 MAIN, REAR S JACK, FRONT S JACK, ADV.JOG/SW AND R.PAUSE CIRCUIT BOARDS



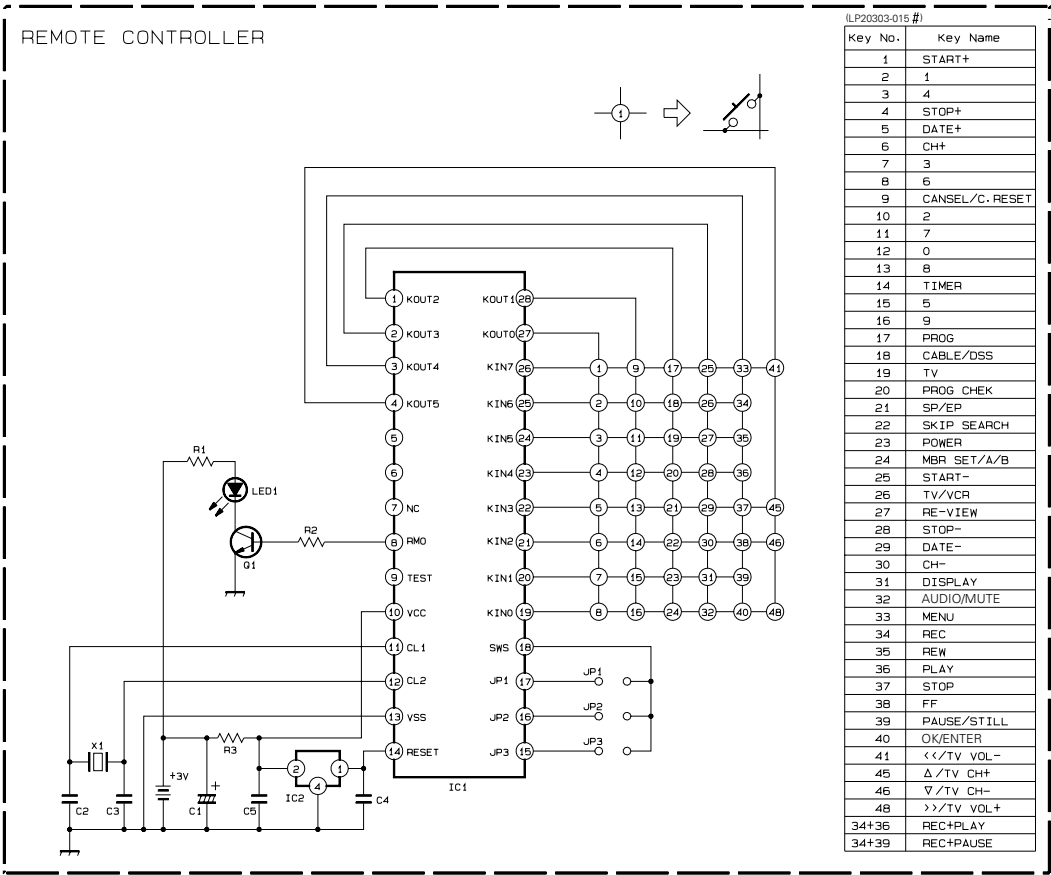
CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S).
ATTENTION :
REPLACER PAR DES FUSIBLE DE MEME TYPE.



4.13 REMOTE CONTROLLER SCHEMATIC DIAGRAM

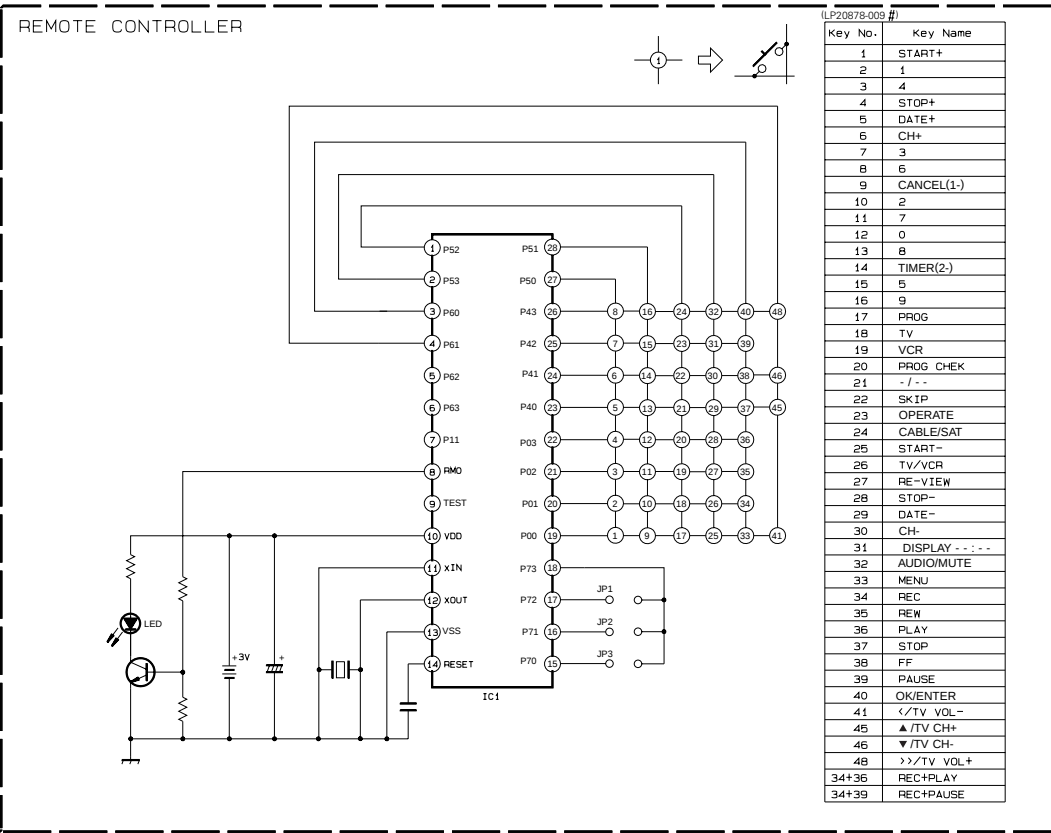
[HR-S5901U/S5911U/S5911U(C)]

- NOTES:
- 1.All parts shown in this schematic are critical for safety.
 - 2.This schematic is only for reference.
 - Avoid replacing individual parts.
 - Replace the entire unit only.



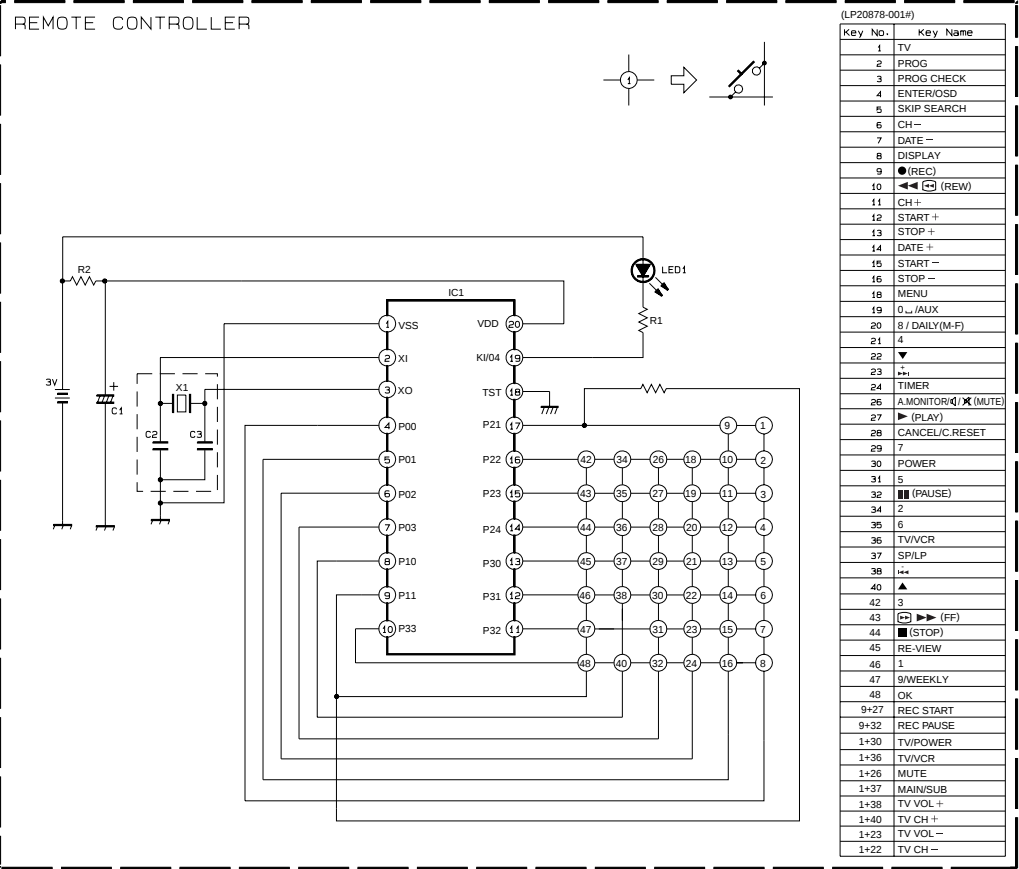
[HR-S3901U/S3911U/S3911U(C)]

- NOTES:
- 1.All parts shown in this schematic are critical for safety.
 - 2.This schematic is only for reference.
 - Avoid replacing individual parts.
 - Replace the entire unit only.



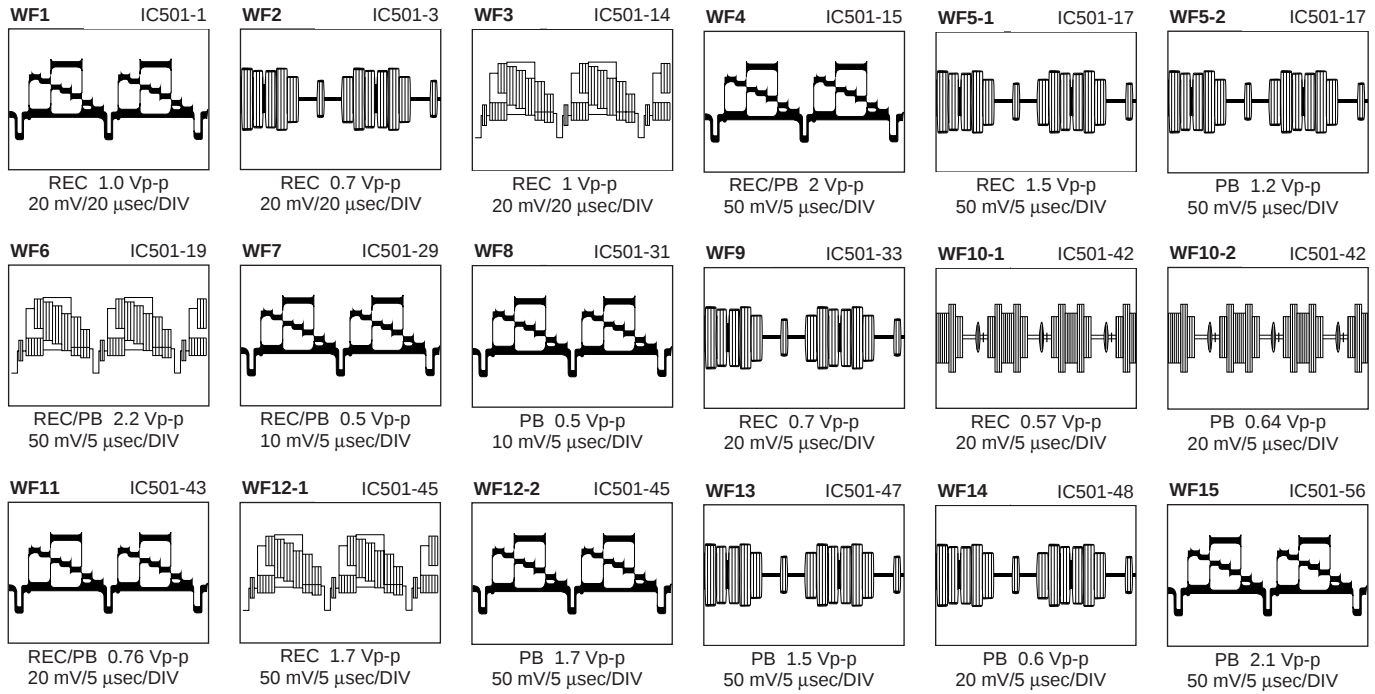
[HR-S2901U/S2911U(C)]

- NOTES:
- 1.All parts shown in this schematic are critical for safety.
 - 2.This schematic is only for reference.
 - Avoid replacing individual parts.
 - Replace the entire unit only.



4.14 WAVEFORMS

< S-SUB >



4.15 VOLTAGE CHARTS

<MAIN>			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.			REC			PLAY			MODE PIN NO.		
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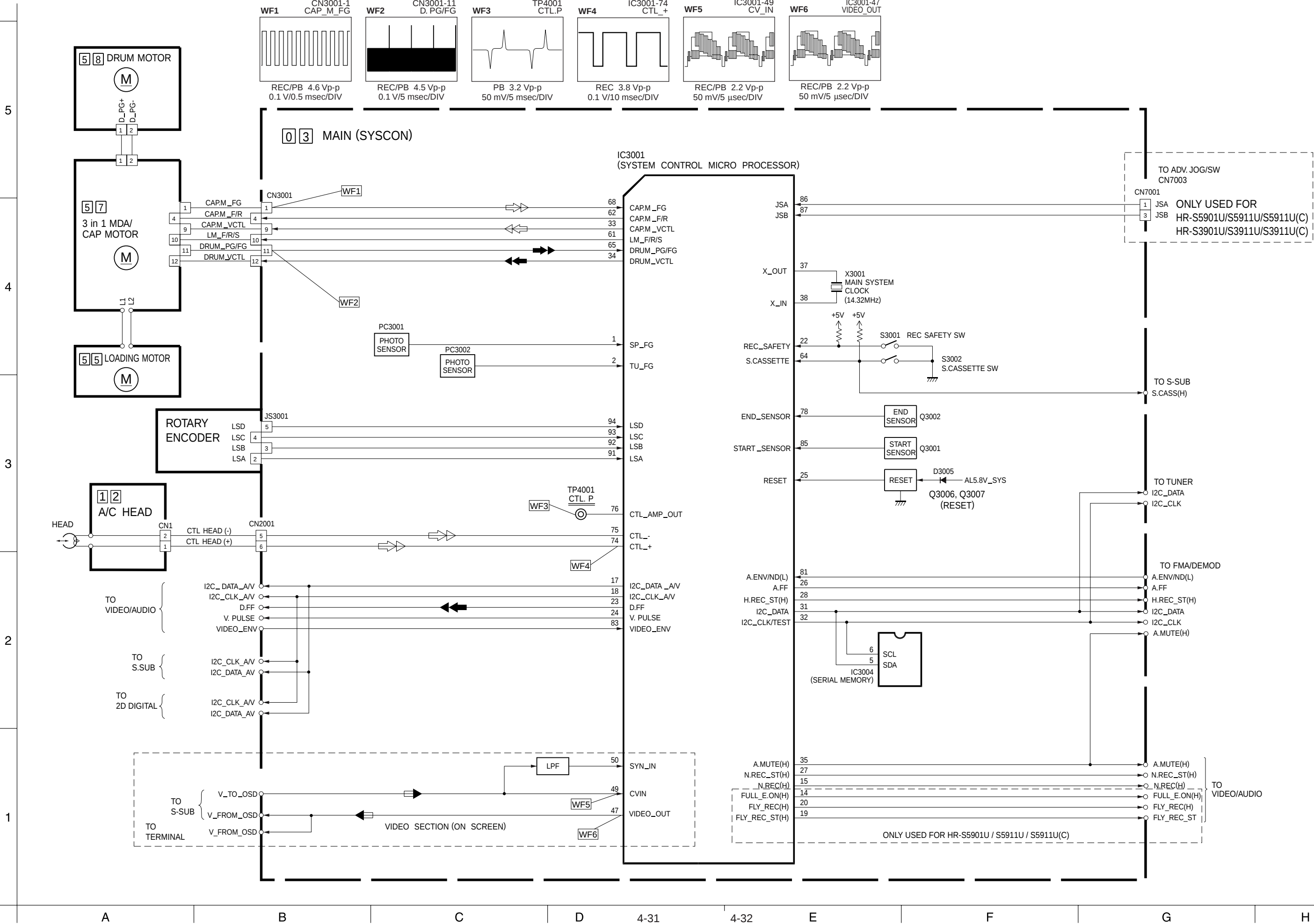
4.17 CPU PIN FUNCTION

<SYSCON IC3001>

PIN NO.	LABEL	IN/OUT	FUNCTION
1	SP_FG	IN	DETECTION SIGNAL FOR SUPPLY REEL ROTATION/TAPE REMAIN
2	TU_FG	IN	DETECTION SIGNAL FOR TAKE-UP REEL ROTATION/TAPE REMAIN
3	BS_DIGI_RC_IN/PAUSE/COMPU_IN	IN	BS DIGITAL RC INPUT/REMOTE PAUSE CONTROL/AV COMPULINK INPUT
4	DIG7	OUT	LED DRIVE
5	RC	IN	REMOTE CONTROL DATA INPUT
6	D_A	OUT	LED DRIVE
7	D_B	OUT	LED DRIVE
8	D_C	OUT	LED DRIVE
9	D_D	OUT	LED DRIVE
10	D_E	OUT	LED DRIVE
11	D_F	OUT	LED DRIVE
12	D_G	OUT	LED DRIVE
13	BS_DIGI_LINK/RMO	OUT	BS DIGITAL LINK OUTPUT/ REMOTE CONTROL(SATELLITE RECEIVER)OUTPUT
14	FULL_E_ON[H]	OUT	FULL ERASE ON:H
15	N_REC[H]	OUT	NORMAL AUDIO REC MODE(REC:H)
16	AGC_CTL	IN	DETECTION SIGNAL FOR AGC
17	I2C_DATA_AV	IN/OUT	SERIAL DATA TRANSFER OUTPUT FOR THE VIDEO/AUDIO IC
18	I2C_CLK_AV	OUT	SERIAL DATA TRANSFER CLOCK FOR THE VIDEO/AUDIO IC
19	SP_SHORT(H)/FLY_REC_ST[H]	OUT	MODE SELECT/ FLY REC START: H
20	EP_SHORT(H)/FLY_REC[H]	OUT	MODE SELECT/ REC TIMING CONTROL(FLY ERASE ON: H)
21	SIDE BAND GAIN	OUT	VOLTAGE CONTROL SIGNAL FOR VIDEO FREQUENCY RESPONSE
22	REC_SAFETY	IN	REC SAFETY SWITCH DETECT (SW ON:L)
23	D_FF	OUT	ROTATION DETECTION SIGNAL FOR DRUM MOTOR/TIMING CONTROL SIGNAL FOR REC
24	V.PULSE	OUT	V.PULSE ADDITION TIMING CONTROL
25	RESET	-	RESET TERMINAL
26	A_FF	OUT	AUDIO FF OUTPUT
27	N_REC_ST(H)	OUT	NORMAL AUDIO REC START:H
28	H_REC_ST(H)	OUT	HIFI AUDIO REC START:H
29	SLOWPULSE	OUT	MEMORY TIMING CONTROL IN THE SLOW MODE
30	V.P_CTL	OUT	V.PULSE ADDITION TIMING CONTROL
31	I2C_DATA	IN/OUT	SERIAL DATA TRANSFER OUTPUT FOR MEMORY IC
32	I2C_CLK/TEST	OUT	SERIAL DATA TRANSFER CLOCK FOR MEMORY IC/MECHANISM TEST SIGNAL
33	CAP_M_VCTL	OUT	CAPSTAN MOTOR CONTROL
34	DRUM_VCTL	OUT	DRUM MOTOR CONTROL
35	A.MUTE(H)	OUT	AUDIO MUTE CONTROL (MUTE ON:H)
36	VDD	-	SYSTEM POWER
37	X_OUT	-	SYSTEM CLOCK(14.32MHz)
38	X_IN	-	SYSTEM CLOCK(14.32MHz)
39	VSS	-	GND
40	XC_IN	-	TIMER CLOCK(32.768MHz)
41	XC_OUT	-	TIMER CLOCK(32.768MHz)
42	CLK_SEL	-	SELECT FOR BACKUP METHOD(LITHIUM OR E.CAPACITOR):H
43	CH_SW	OUT	RF CHANNEL SWITCHING
44	TU_MUTE[H]	OUT	TUNER AUDIO MUTE CONTROL (MUTE:H)
45	V.REF	IN	REFERENCE VOLTAGE INPUT
46	CONV_CTL[H]	IN	R/F CONVERTER ON/OFF CONTROL
47	VIDEO_OUT	OUT	COMPOSITE VIDEO SIGNAL OUTPUT
48	VSS2	-	GND
49	CV_IN	IN	COMPOSITE VIDEO SIGNAL INPUT
50	SYS_IN	IN	COMPOSITE SYNCHRONIZING SIGNAL FOR SERVO, VERTICAL SYNCHRONIZING SIGNAL FOR OSD

PIN NO.	LABEL	IN/OUT	FUNCTION
51	VDD2	-	SYSTEM POWER
52	AFCC	IN	FILTER INPUT FOR HORIZONTAL SYNCHRONIZING OF OSD CHARACTER
53	AFCLPF	OUT	FILTER OUTPUT FOR HORIZONTAL SYNCHRONIZING OF OSD CHARACTER
54	TRICK [H]	IN	SPECIAL PLAYBACK:H
55	P. MUTE [L]	OUT	PICTURE CONTROL(MUTE ON:L)
56	ET_REC [H]	IN/OUT	ET REC:H
57	CTL_GAIN	OUT	CONTROL AMP OUT FREQUENCY RESPONSE SWITCHING
58	CHARAE	OUT	OSD CHARACTER DATA (FRINGE) OUTPUT
59	P.CTL [H]	OUT	CONTROL SIGNAL FOR SWITCHING POWER SUPPLY
60	CHARAM	OUT	OSD CHARACTER DATA OUTPUT
61	LM_F/R/S	OUT	LOADING MOTOR DRIVE
62	CAP. M_F/R	OUT	CAPSTAN MOTOR DRIVE
63	HS_FR	OUT	HI SPEED FF/REW
64	S. CASSETTE	IN	DETECTION SIGNAL FOR SVHS CASSETTE (SVHS: H)
65	DRUM_PG/FG	IN	DRUM FG PULSE, DRUM PICKUP PULSE(SWITCHING PULSE)INPUT
66	S_DET	IN	S-VHS MODE:H
67	C. FG_AMP_OUT	OUT	SET-UP OUTPUT FOR CAPSTAN FG AMPLIFICATION FACTOR
68	CAP. M_FG	IN	CAPSTAN FG PULSE INPUT
69	AMP_VREF_OUT	OUT	AMP CIRCUIT REFERENCE VOLTAGE OUTPUT
70	AMP_VREF_IN	IN	AMP CIRCUIT REFERENCE VOLTAGE INPUT
71	AVSS	-	GND FOR ANALOG CIRCUIT
72	AMP_C	IN	CAPACITOR CONNECT TERMINAL FOR CTL AMP CIRCUIT
73	AVCC	-	SYSTEM POWER FOR ANALOG CIRCUIT
74	CTL(+)	IN/OUT	CONTROL SIGNAL(+)
75	CTL(-)	IN/OUT	CONTROL SIGNAL(-)
76	CTL_AMP_OUT	OUT	CTL PULSE OUTPUT
77	PROTECT	IN	DETECTION SIGNAL FOR SWITCHING POWER SUPPLY
78	END_SENSOR	IN	END SENSOR
79	AFC/JUST_CLK	IN	TUNING CHECK/JUST CLK INPUT
80	LED	IN	SAP DETECT
81	A. ENV/ND [L]	IN	AUDIO PB FM ENV. INPUT/NON HIFI MODEL:L
82	WIDE_DET/COMP_OUT	OUT	WIDE ASPECT DETECTION/AV COMPULINK OUTPUT
83	VIDEO_ENV	IN	AUTO TRACKING DETECT/INPUT THE AVERAGE OF PLAYBACK VIDEO SIGNAL
84	NC	-	NC
85	START_SENSOR	IN	START SENSOR
86	JSA	IN	INPUT FOR THE JOG SHUTTLE
87	JSB	IN	INPUT FOR THE JOG SHUTTLE
88	KEY1	IN	OPERATION CONTROL SIGNAL
89	KEY2	IN	OPERATION CONTROL SIGNAL
90	POWER_DET	IN	DETECTION SIGNAL FOR POWER DOWN OF AC POWER SUPPLY
91	LSA	IN	MECHANISM MODE DETECT(A)
92	LSB	IN	MECHANISM MODE DETECT(B)
93	LSC	IN	MECHANISM MODE DETECT(C)
94	LSD	IN	MECHANISM MODE DETECT(D)
95	DIG1	OUT	LED DRIVE
96	DIG2	OUT	LED DRIVE
97	DIG3	OUT	LED DRIVE
98	DIG4	OUT	LED DRIVE
99	DIG5	OUT	LED DRIVE
100	DIG6	OUT	LED DRIVE

4.18 SYSTEM CONTROL BLOCK DIAGRAM



4.19 VIDEO BLOCK DIAGRAM

5

4

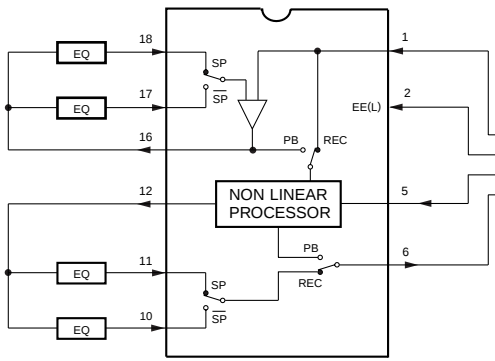
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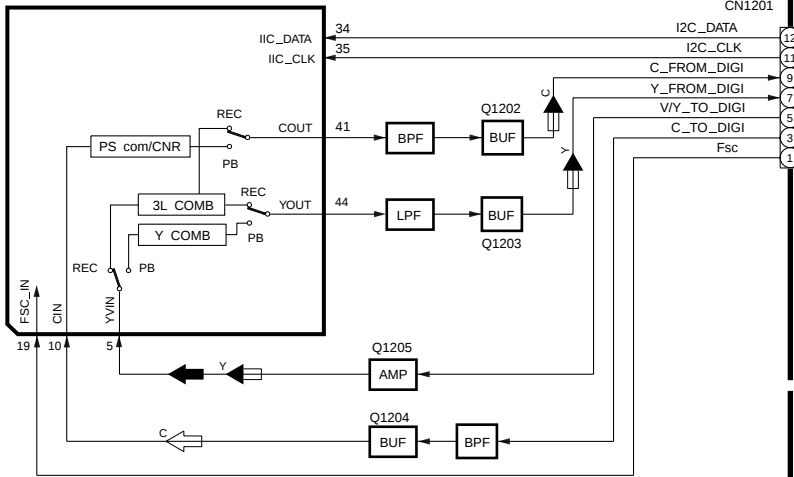
0 3 MAIN (S-SUB)

IC502



0 5 2D DIGITAL

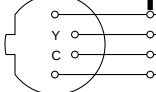
IC1201 (Y/C SEP & MIX)



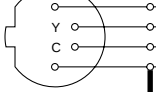
2 9 REAR S JACK

ONLY USED FOR
HR-S5901U/S5911U/S5911U(C)
HR-S3901U/S3911U/S3911U(C)

J4 REAR S_IN



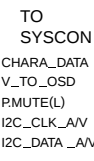
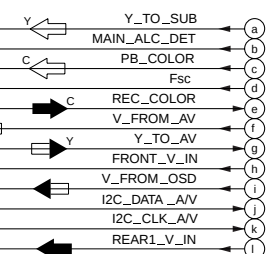
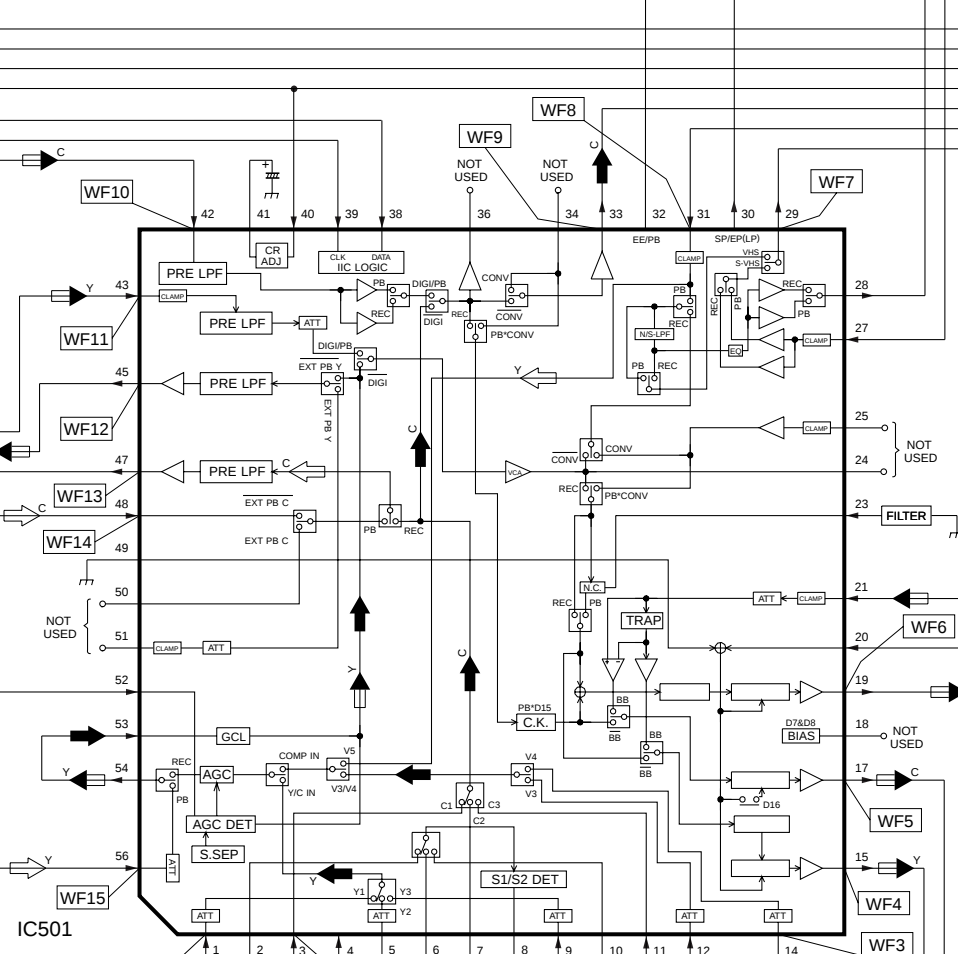
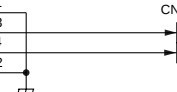
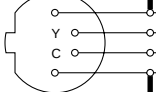
J4 REAR S_OUT



3 6 FRONT S JACK

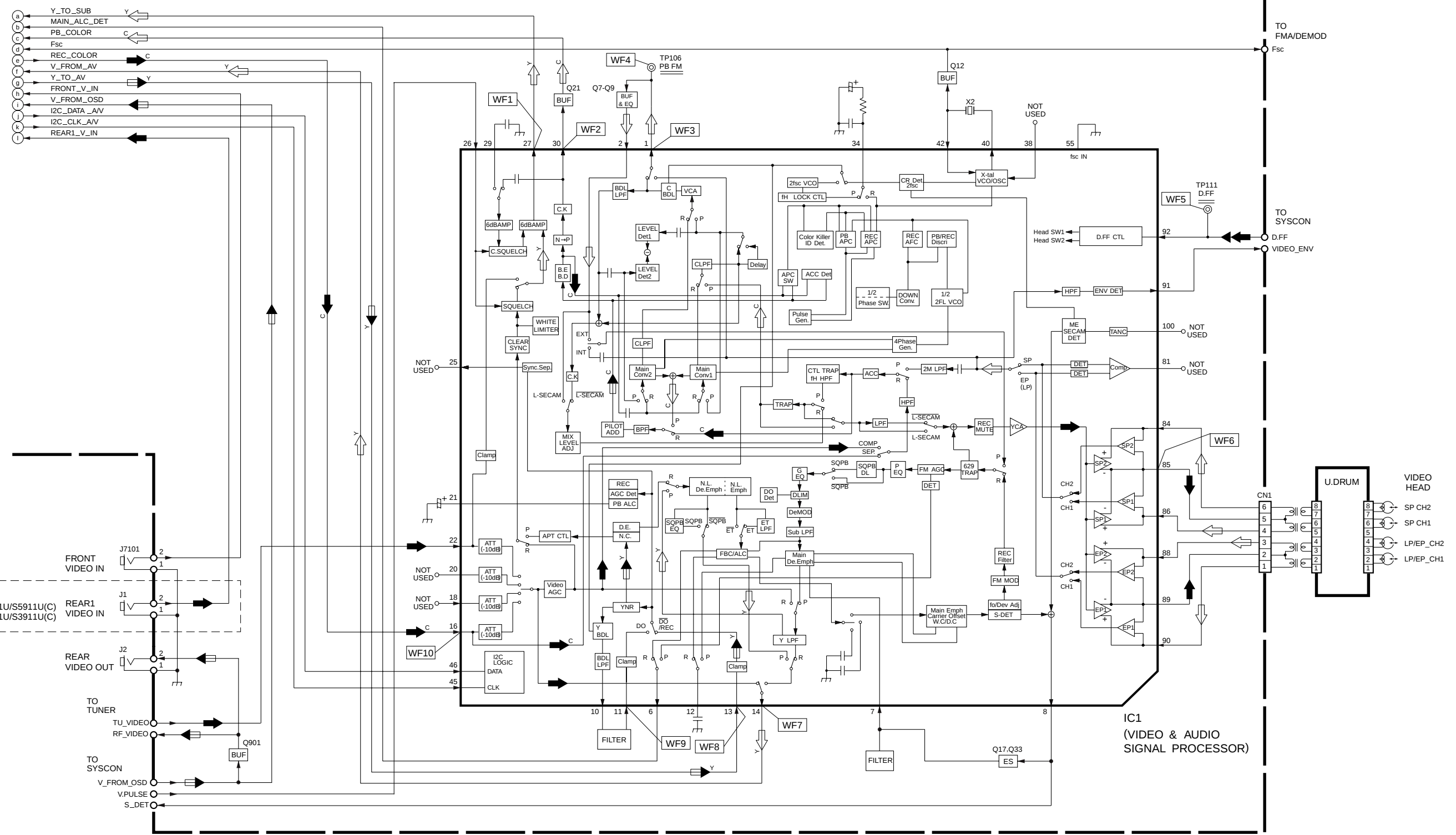
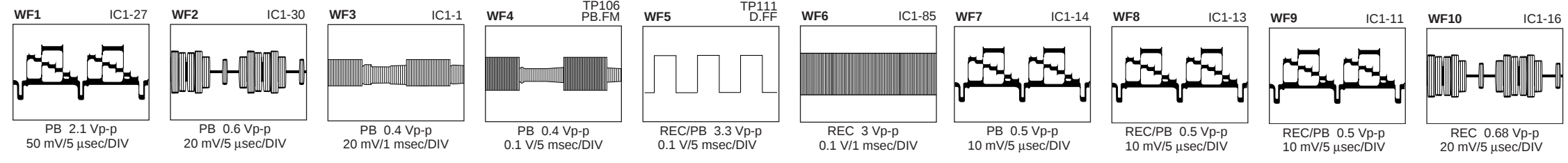
ONLY USED FOR
HR-S5901U/S5911U/S5911U(C)

J7102 FRONT S_IN



Note : For the waveforms in this block diagram, refer to page 4-28.

0 3 MAIN (VIDEO,TERMINAL)



4.20 AUDIO BLOCK DIAGRAM

