

**SECTION 4**  
**CHARTS AND DIAGRAMS**

# 4.1 BOARD INTERCONNECTIONS

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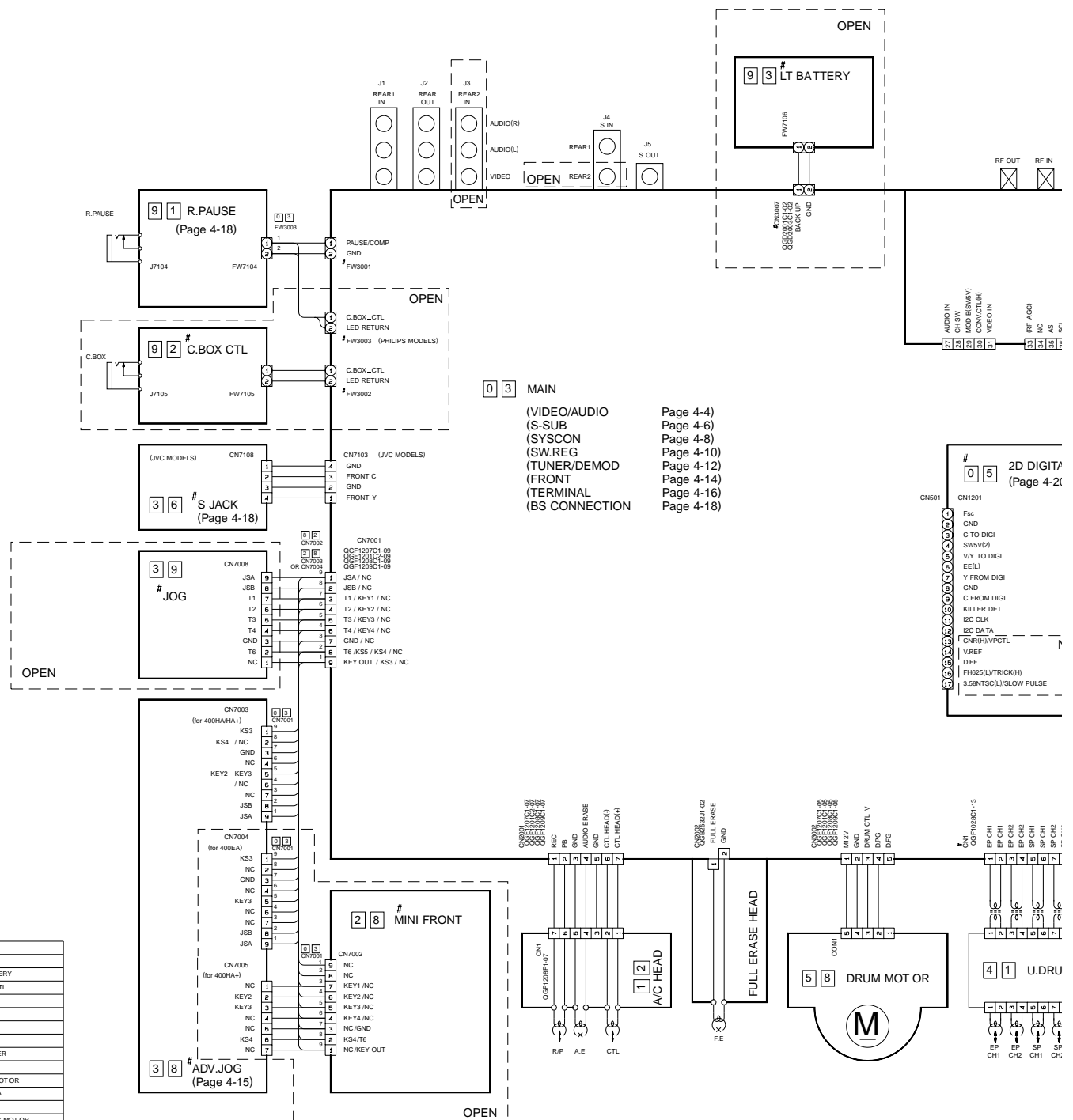
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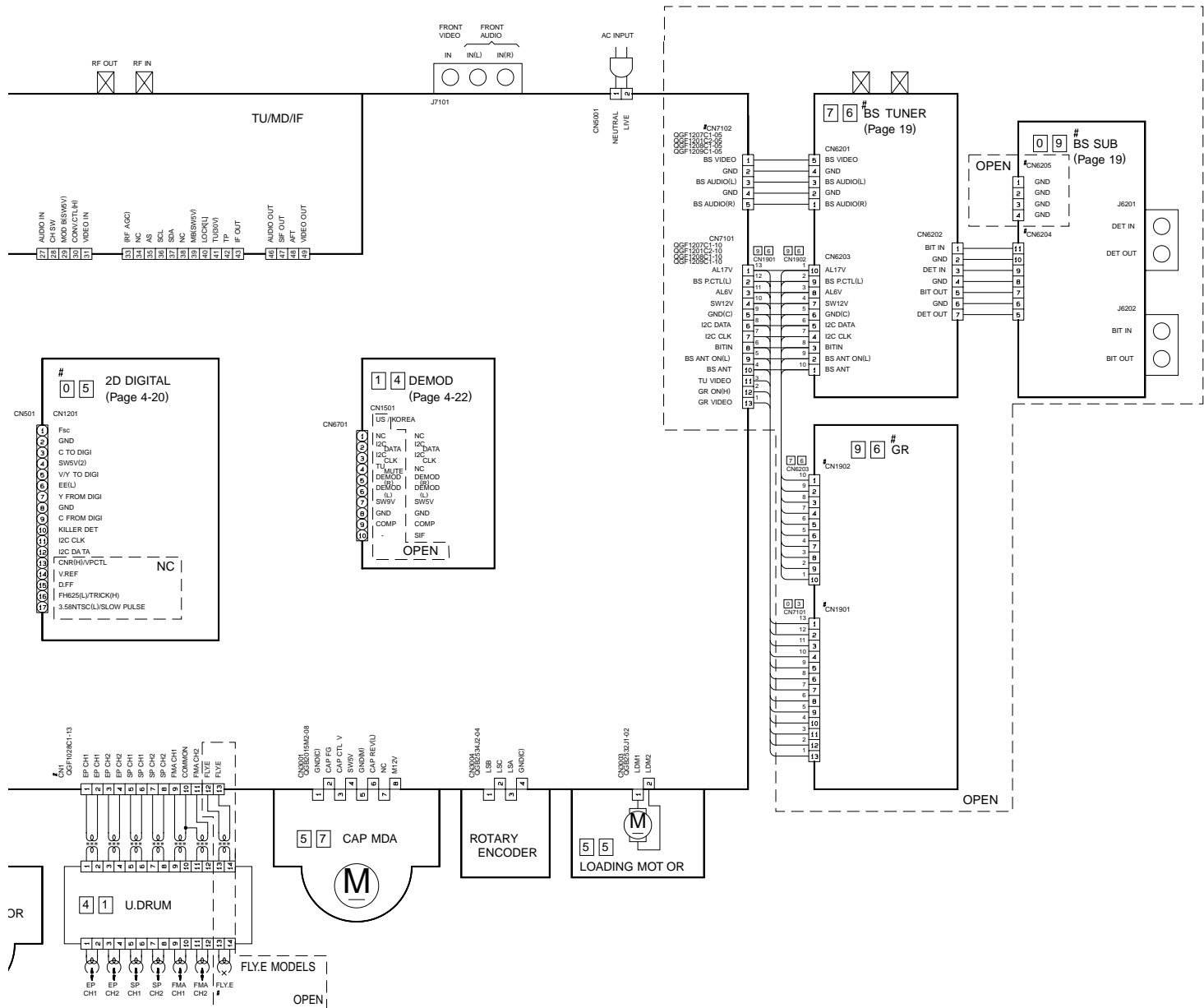
96	GR
93	LT BATTERY
92	C.BOX CTL
91	R.PAUSE
76	BS TUNER
58	DRUM MOT OR
57	CAP MDA
55	LOADING MOT OR
41	U.DRUM
39	JOG
38	ADV.JOG
36	S JACK
28	MINI FRONT
14	DEM OD
12	A/C HEAD
09	BS SUB
05	2D DIGIT AL
03	MAIN
NO	NAME



0 3 MAIN  
 (VIDEO/AUDIO Page 4-4)  
 (S-SUB Page 4-6)  
 (SYSCON Page 4-8)  
 (SW.REG Page 4-10)  
 (TUNER/DEM OD Page 4-12)  
 (FRONT Page 4-14)  
 (TERMINAL Page 4-16)  
 (BS CONNECTION Page 4-18)

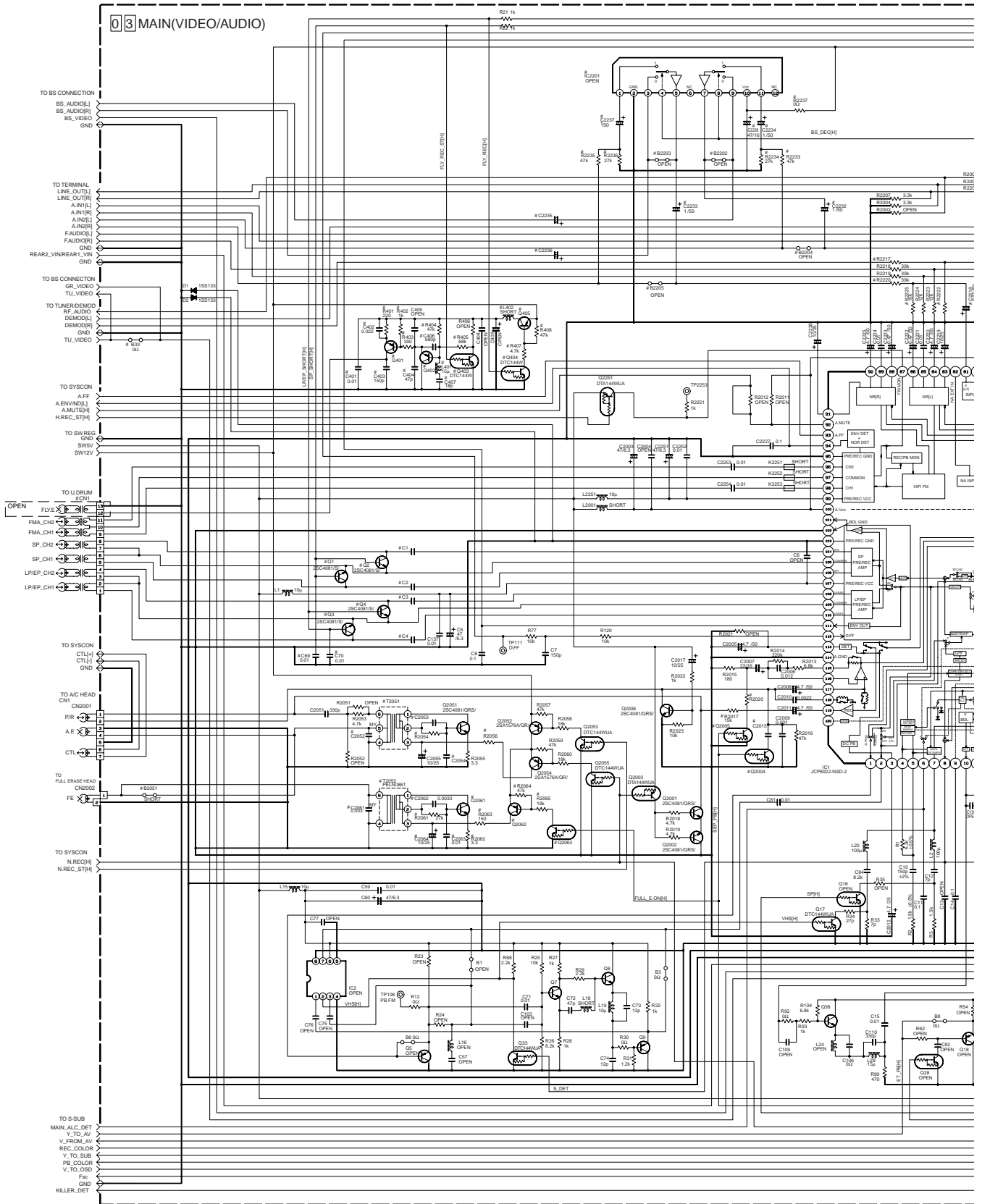
# 0 5 2D DIGIT AL  
 (Page 4-21)

CN7001  
 Fsc  
 GND  
 C TO DIGI  
 SW/SV2)  
 VY TO DIGI  
 EE(L)  
 Y FROM DIGI  
 GND  
 C FROM DIGI  
 KILLER DET  
 I2C CLK  
 I2C DA TA  
 CN(RH)VPCTL  
 V REF  
 DIFF  
 I PRES(L/TRICK(H))  
 3.5MNTS(L)SLOW PULSE



# 4.2 MAIN (VIDEO/AUDIO) SCHEMATIC DIAGRAM

Note :



# DIFFERENCE TABLE

MODEL	Q401-Q405 R401-R409	C401-C409 L401-L402	CN1 1-13 PIN	D1-Q4 C8B,C70	C1-C4 0.01	MODEL	C52	R2212,R2214 R2216,R2221	MODEL	C18	R2213,R2215,C2216 R2220,R2215,C2218	MODEL	R2202,R2203,R2204,R2205 C2203,C2210,C2211,C2212
FLYING ERASE	YES NO	O X	X O	O 1	O 1	MODEL	BS TUNER	YES NO	MODEL	YES NO	X O	MODEL	YES NO

MODEL	B33	MODEL	R75	C63	MODEL	R46	L13	C84	MODEL	T2052,Q2061,Q2062,Q2063 R2001,R2002,R2003,R2004,R2005	T2051	R2054	R2056	C2052	C2053	C2054	
GR TUNER	YES NO	X O	X O	0.1 0.047	MODEL	2D(LVC) 2D(PCEC) 3D	470 390 270	100u 68u 100u	12p 20p 12p	MODEL	YES NO	PELN0860	15k	100	0.033	0.0033	0.01

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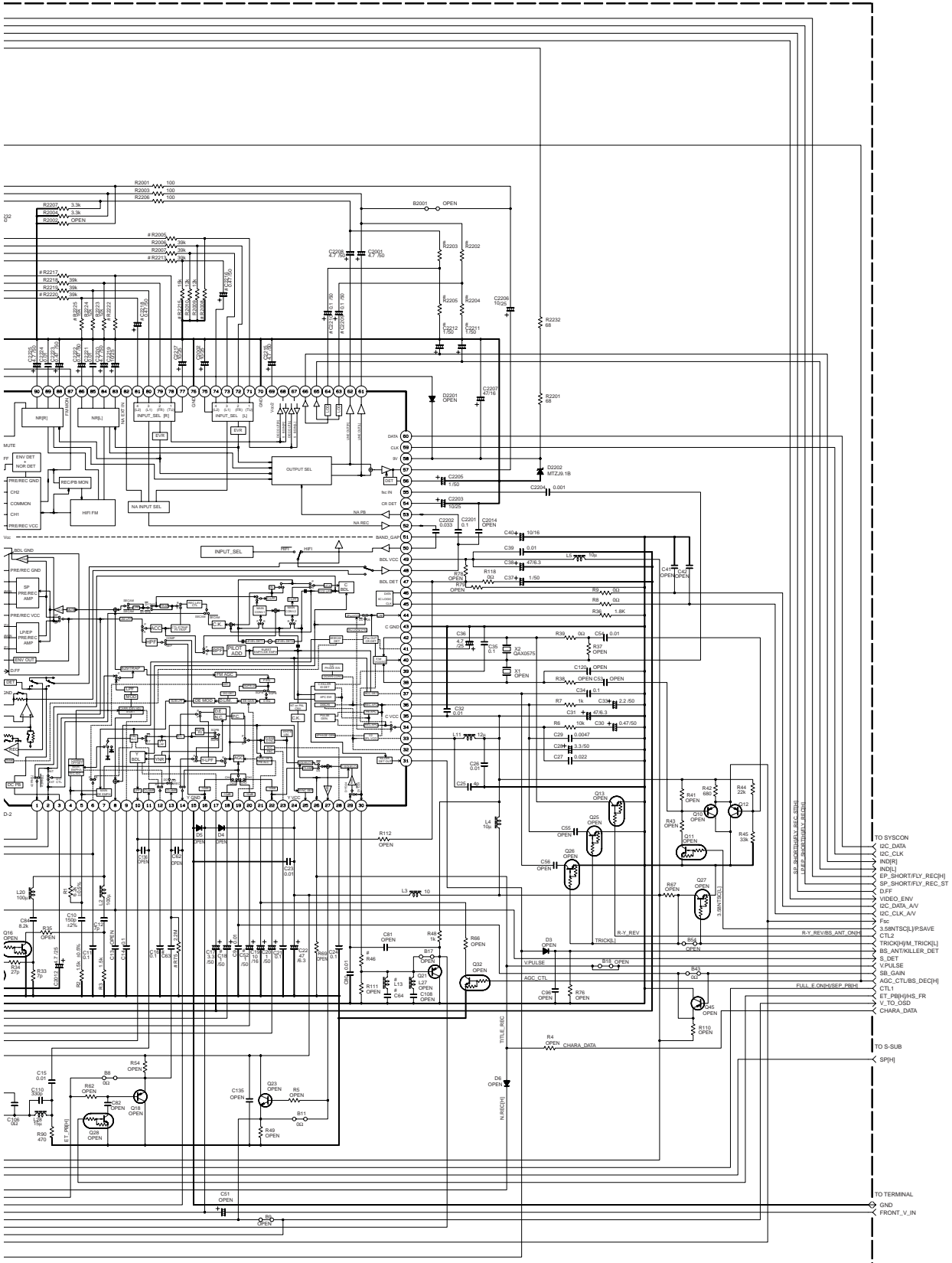
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Note : The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only.  
When replacing the parts, refer to the Parts List.



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R2202, R2203, R2204, R2205	○ Used
C2203, C2210, C2211, C2212	○ Not used
YES	○
NO	×

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 2SC4681(O/S)  
ALL PNP TYPE TRANSISTORS ARE 2SA1515(A/Q/R)

R2056	C2052	C2053	C2054
100	0.033	0.0033	0.01
82	0.082	0.0047	0.022

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

D

E

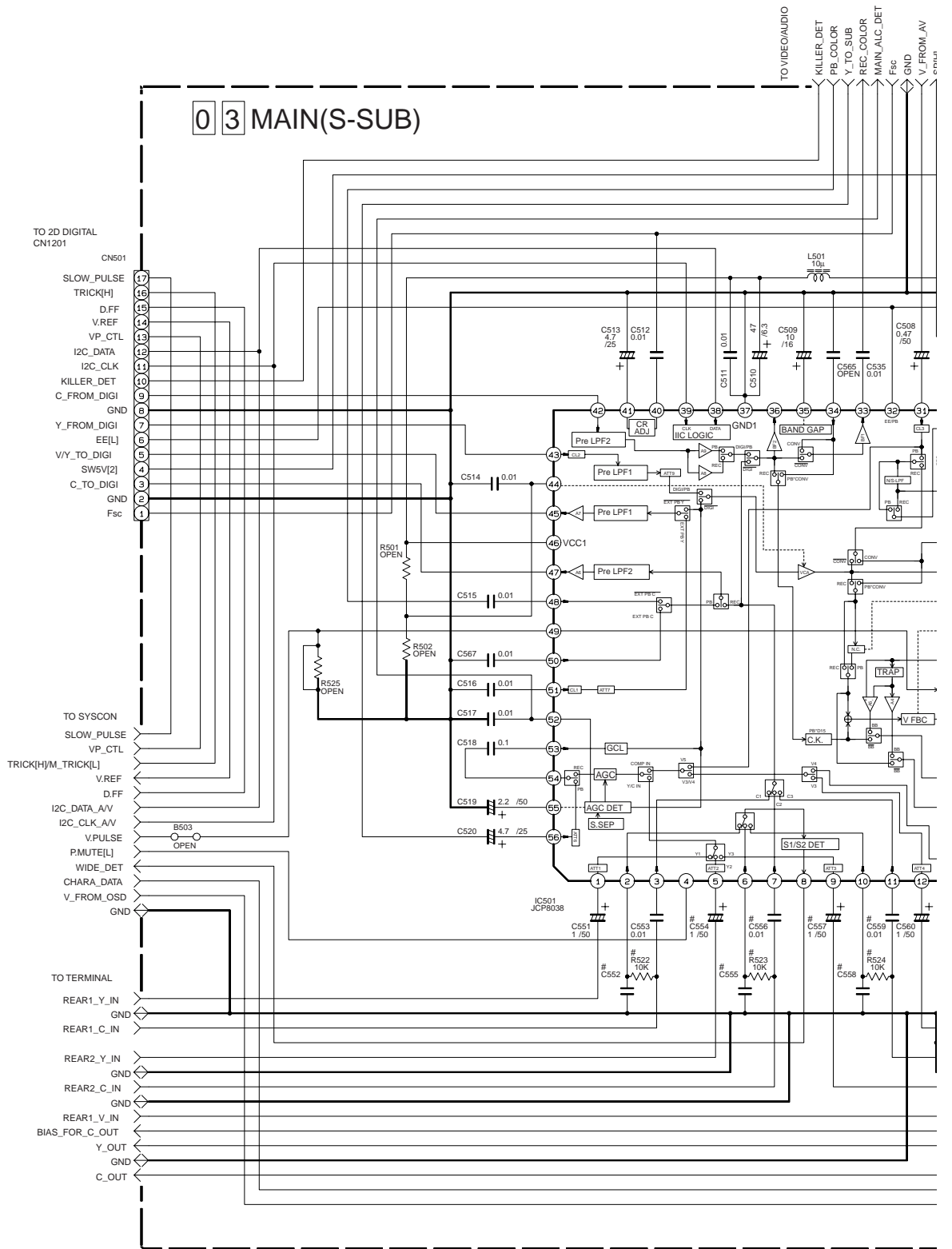
F

G

H 4-5

### 4.3 MAIN (S-SUB) SCHEMATIC DIAGRAM

Note

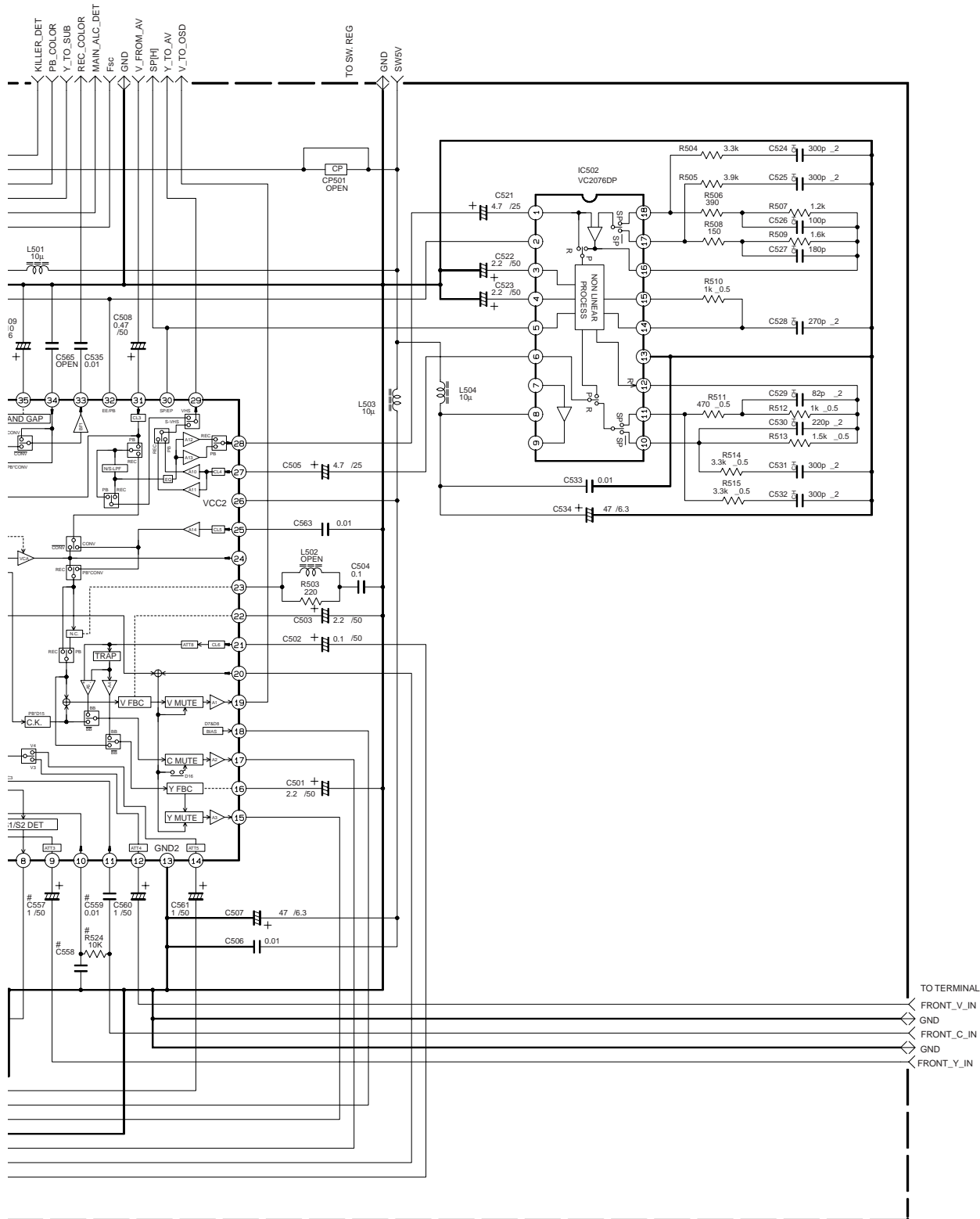


# DIFFERENCE TABLE

MODEL	SYMBOL	R523 C555	C554 C556	R522 C552	R524 C558	C557 C559	C555	C552 C558
S-VHS JPN F_S_IN REAR2_IN		○		○		○	0.01	0.01
S-VHS JPN F_S_IN		X		○		○	0Ω	0.01
S-VHS US F_S_IN		X		X		○	0Ω	0Ω
S-VHS US		X		X		X	0Ω	0Ω

○ Use  
X: Not

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.



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/QR/  
 ALL PNP TYPE TRANSISTORS ARE 2SA1576A/QR/

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C555	C552	Q: Used
C558	C558	X: Not used
0.01	0.01	
0Ω	0.01	
0Ω	0Ω	
0Ω	0Ω	

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

# 4.4 MAIN (SYSCON) SCHEMATIC DIAGRAM

Note

03 MAIN [SYSCON]

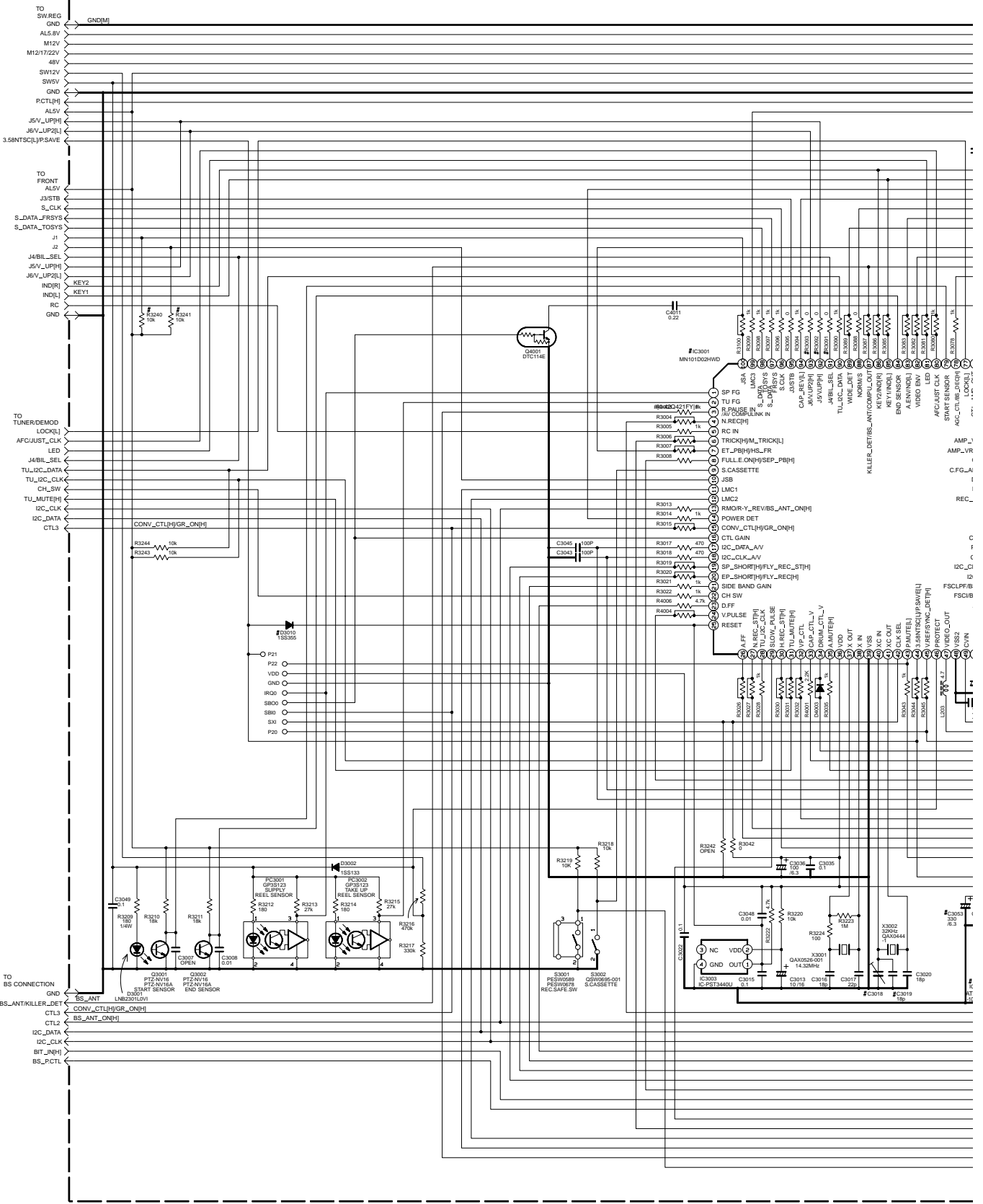
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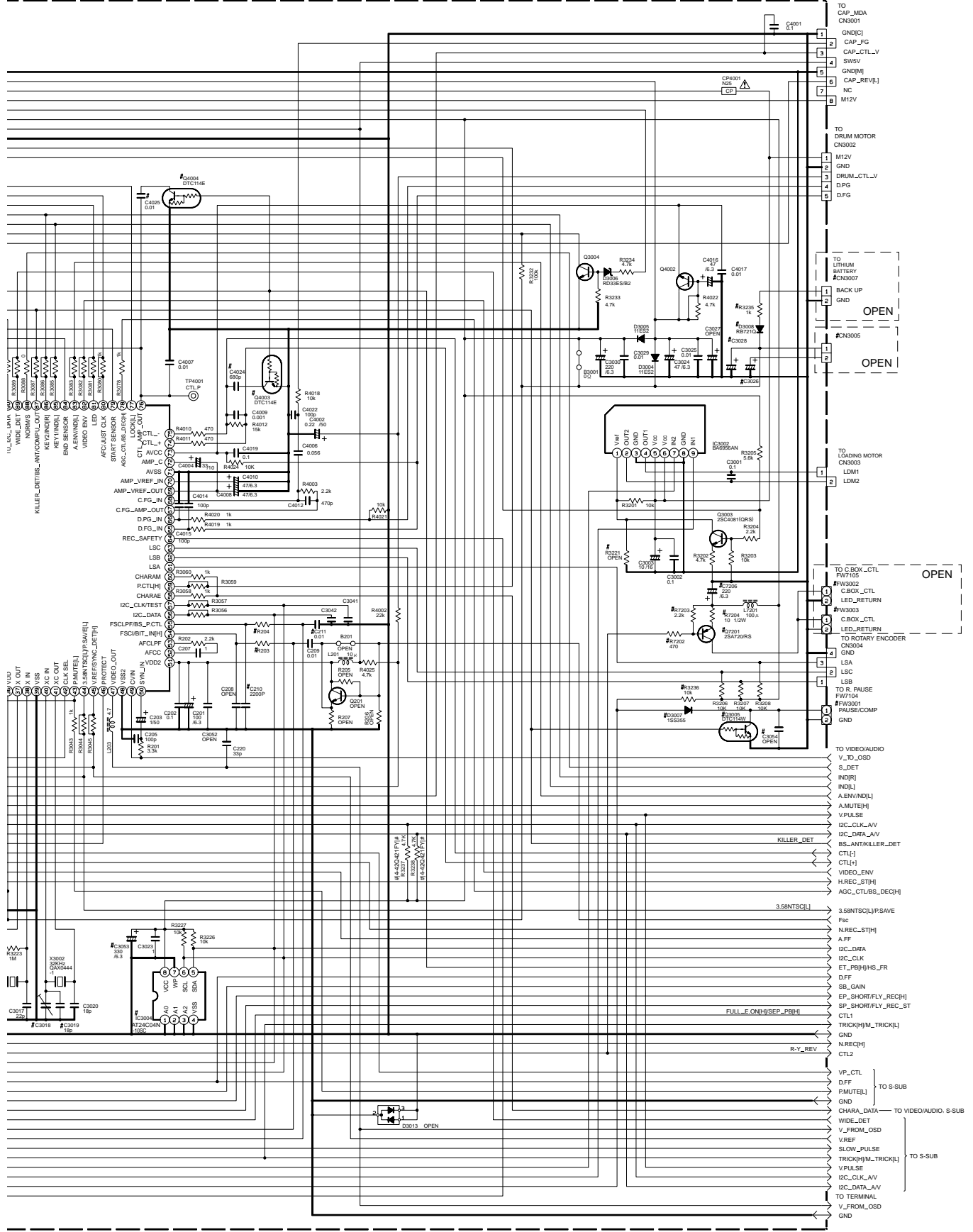
1



NOTES: UNLESS OTHERWISE SPECIFIED  
 ALL RESISTANCE  
 ALL INDUCTANCE  
 ALL CAPACITANCE



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.



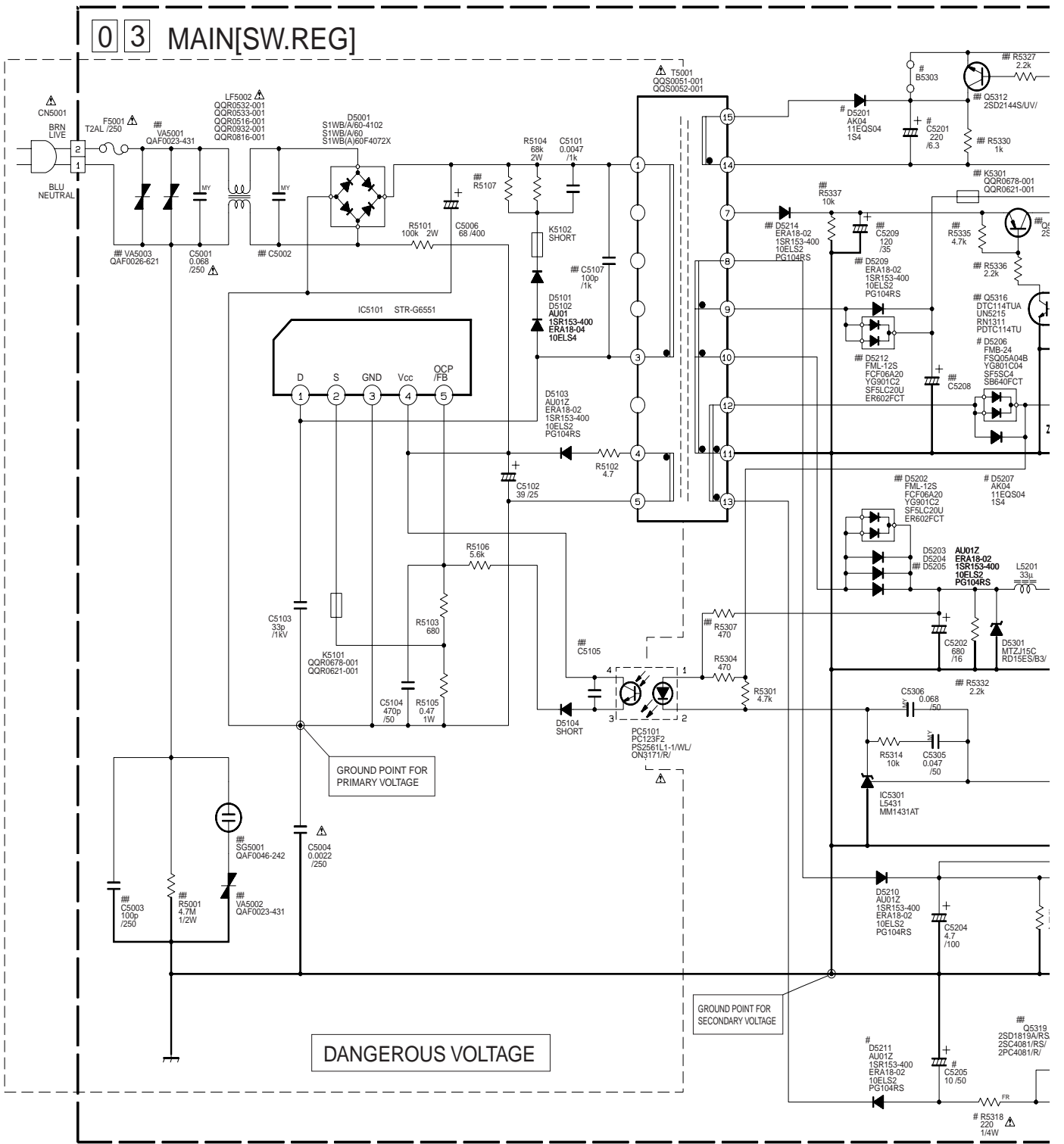
NOTES-UNLESS OTHERWISE SPECIFIED,  
 ALL RESISTANCE VALUES ARE IN OHMS.  
 ALL INDUCTANCE VALUES ARE IN H.  
 ALL CAPACITANCE VALUES ARE IN µF.

ELECTROLYTIC  
 CERAMIC  
 MYLAR  
 NON POLAR

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# 4.5 MAIN (SW.REG) SCHEMATIC DIAGRAM

Not



##MARK ELEMENTS ARE NOT MOUNTED

#DDIFFERENCE TABLE 1

LEVEL IND.	R5326
-YES-	SHORT
-NO-	2.2

#DDIFFERENCE TABLE 2

	Q5302	Q5321	D5206	D5207	C5203
SVHS	YES	NO	YES	NO	1200
HIFI	NO	YES	NO	YES	680

#DDIFFERENCE TABLE 3

	D5201 D5211 D5309	D5310 R5318 C5201	C5205	R5326	B5303 B5304
DISPLAY					
FDP	YES			YES	YES
7SEG LED		NO		NO	NO

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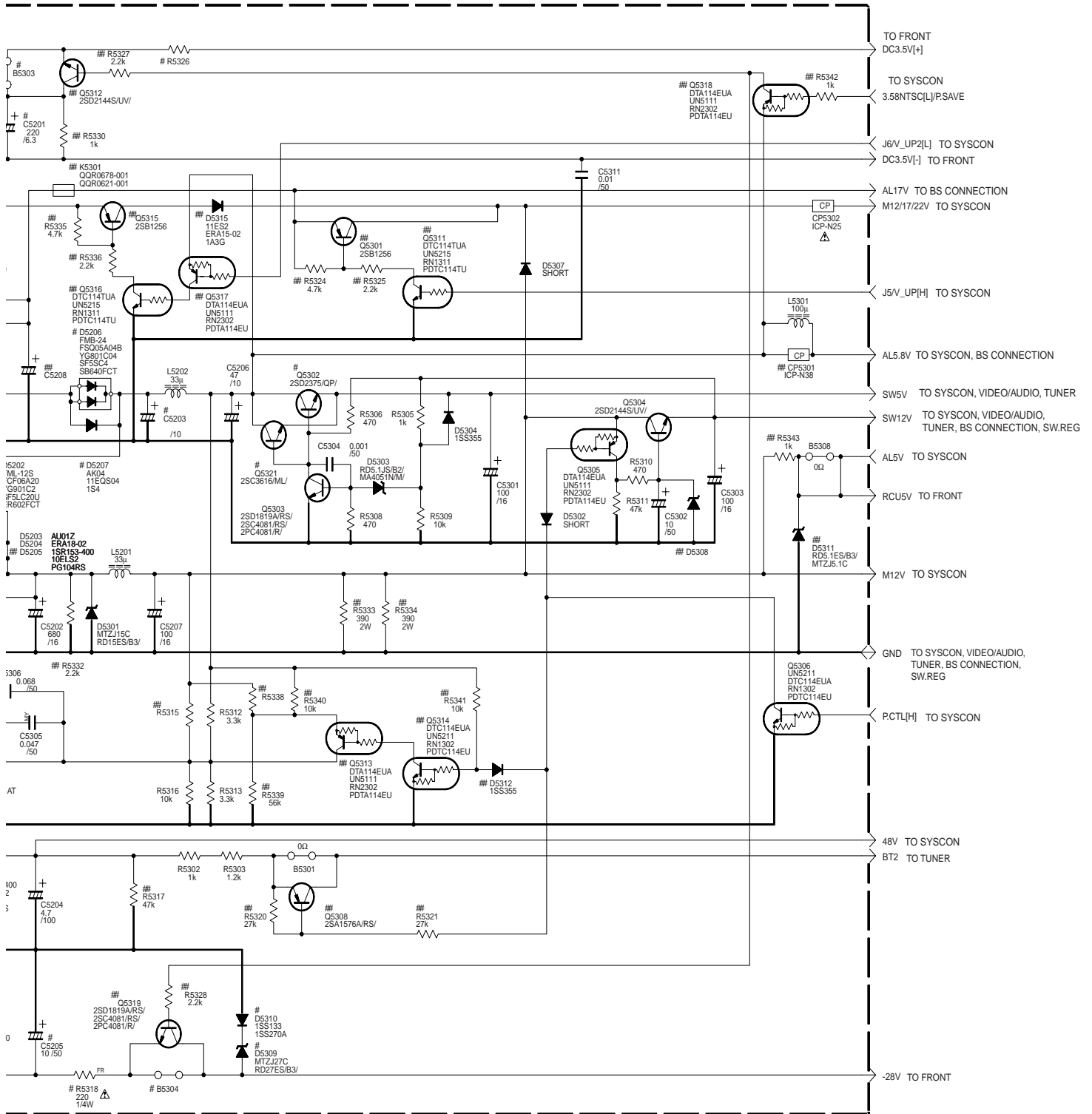
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



D

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 μF.

-  ELECTROLYTIC
-  CERAMIC
-  MYLER
-  NON POLAR

# 4.6 MAIN (TUNER/DEMOD) SCHEMATIC DIAGRAM

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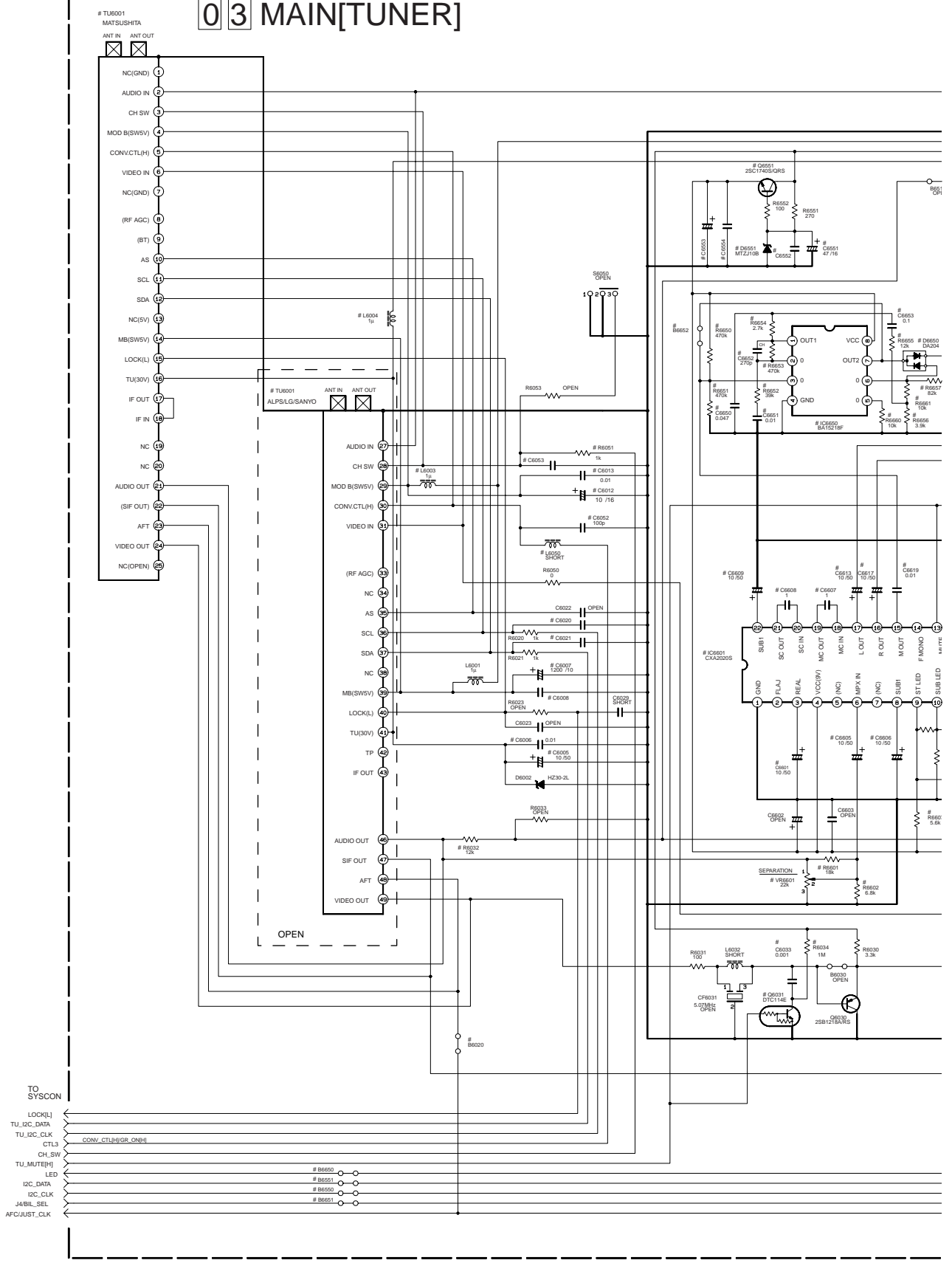
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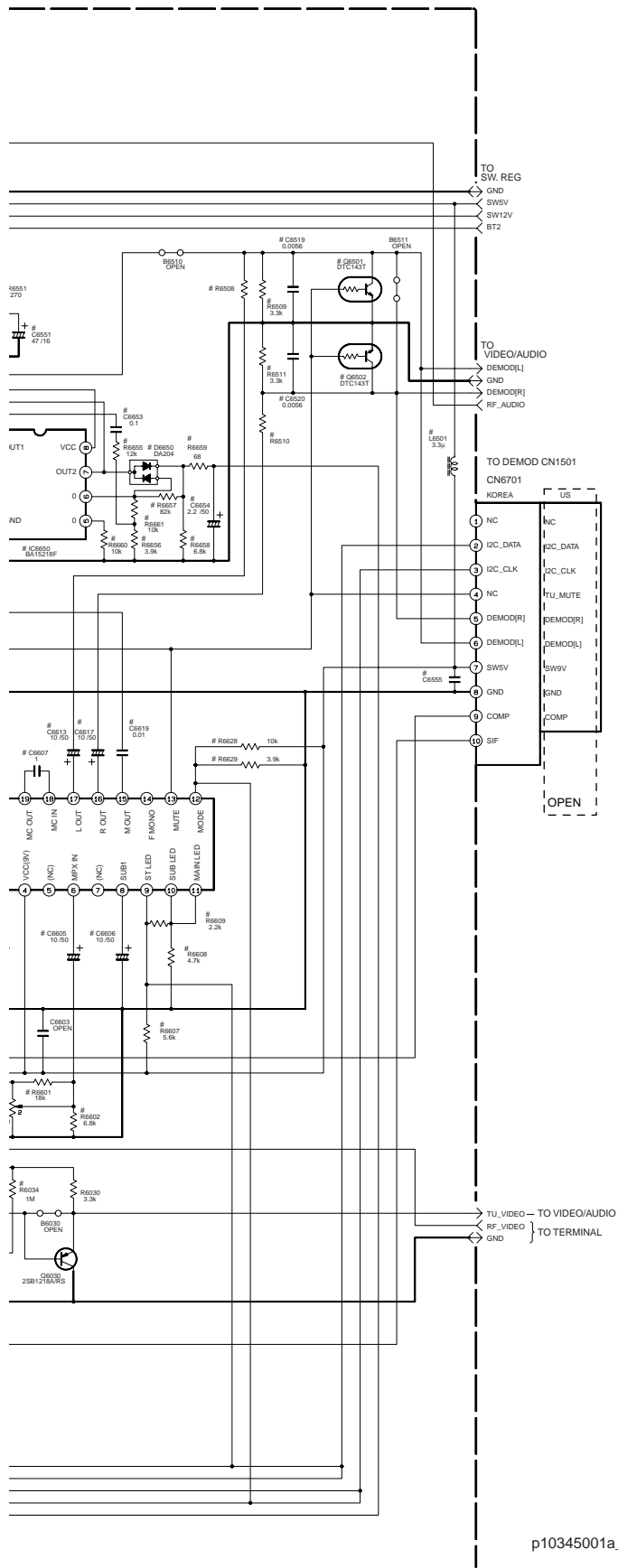
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## 03 MAIN[TUNER]



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

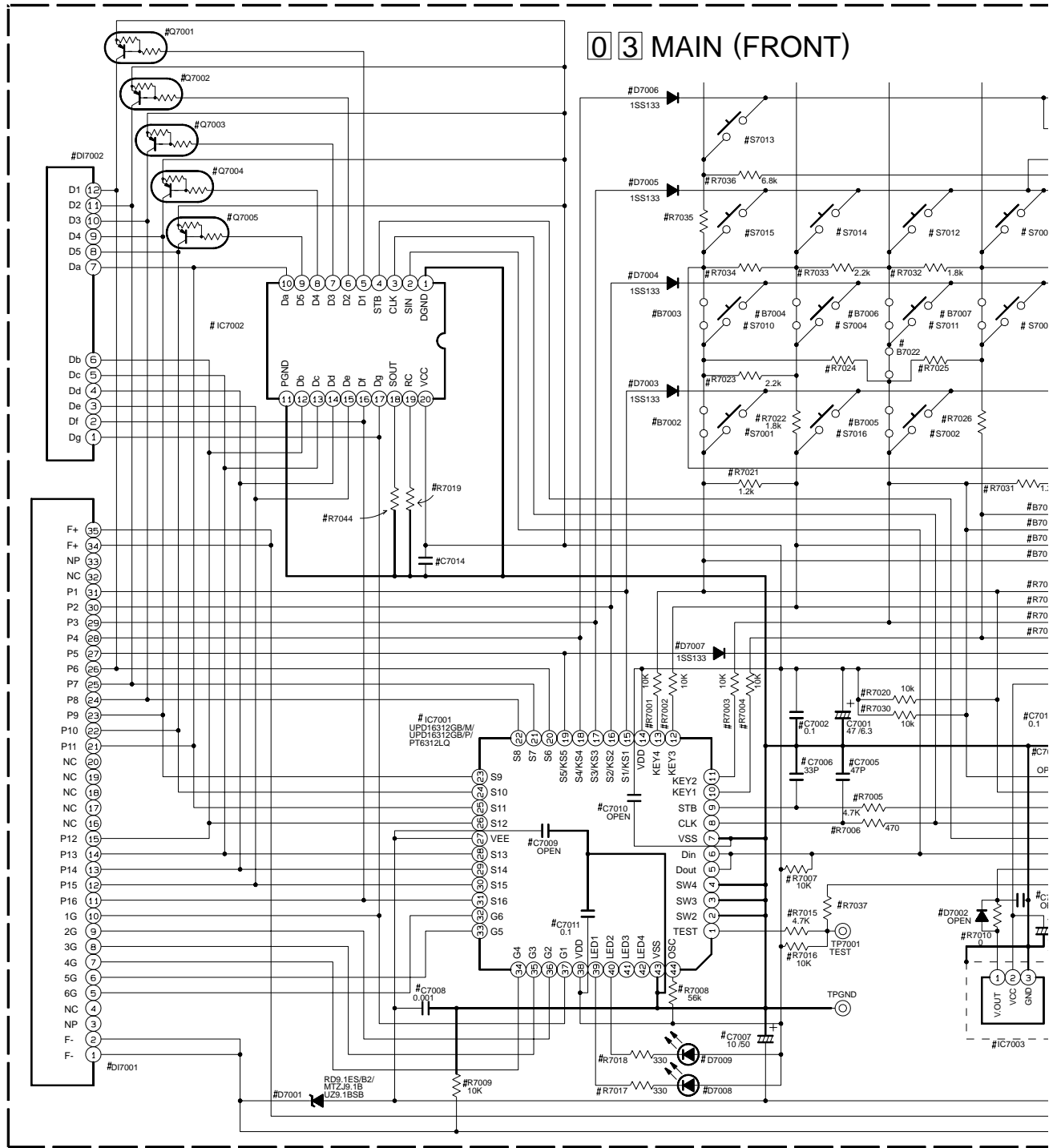
○ Used  
× Not used

		JPN	US	KR
<b>TUNER</b>				
AFC	B6520	×	○	○
MUTE	C6501, R6503, C6503	×	×	×
RF CONV	L6503, L6550, R6550, R6551	×	○	○
US AUDIO	R6532	×	○	×
5V	C6507	○	×	×
	C6505, C6508, C6512, C6513, C6520, C6521, C6552, C6553	×	×	×
<b>DEM0D</b>				
LMIT	CN6701	×	US	KR
MUTE	C6501, C6502	×	×	×
REG	C6501, D6501, R6551, R6552	○	○	×
I2C	R6550, R6551	×	○	○
	R6508, R6510	12k	○	○
AUDIO OUT	R6509, R6511, C6519, C6520	○	×	×
JPN	IC6501, IC6550, D6501, V6550, R6507, R6509, R6528, R6529, J6550, R6551, C6501, C6505, C6509, C6513, C6517, C6519, C6550, C6554, R6550, R6551	○	×	×
KR	L6501	×	×	○

p10345001a\_rev2

NOTES: UNLESS OTHERWISE SPECIFIED,  
ALL RESISTANCE VALUES ARE IN OHMS.  
ALL INDUCTANCE VALUES ARE IN H.  
ALL CAPACITANCE VALUES ARE IN μF.  
ELECTROLYTIC  
CERAMIC  
MYLER  
NON POLAR

# 4.7 MAIN (FRONT) AND ADV. JOG SCHEMATIC DIAGRAMS

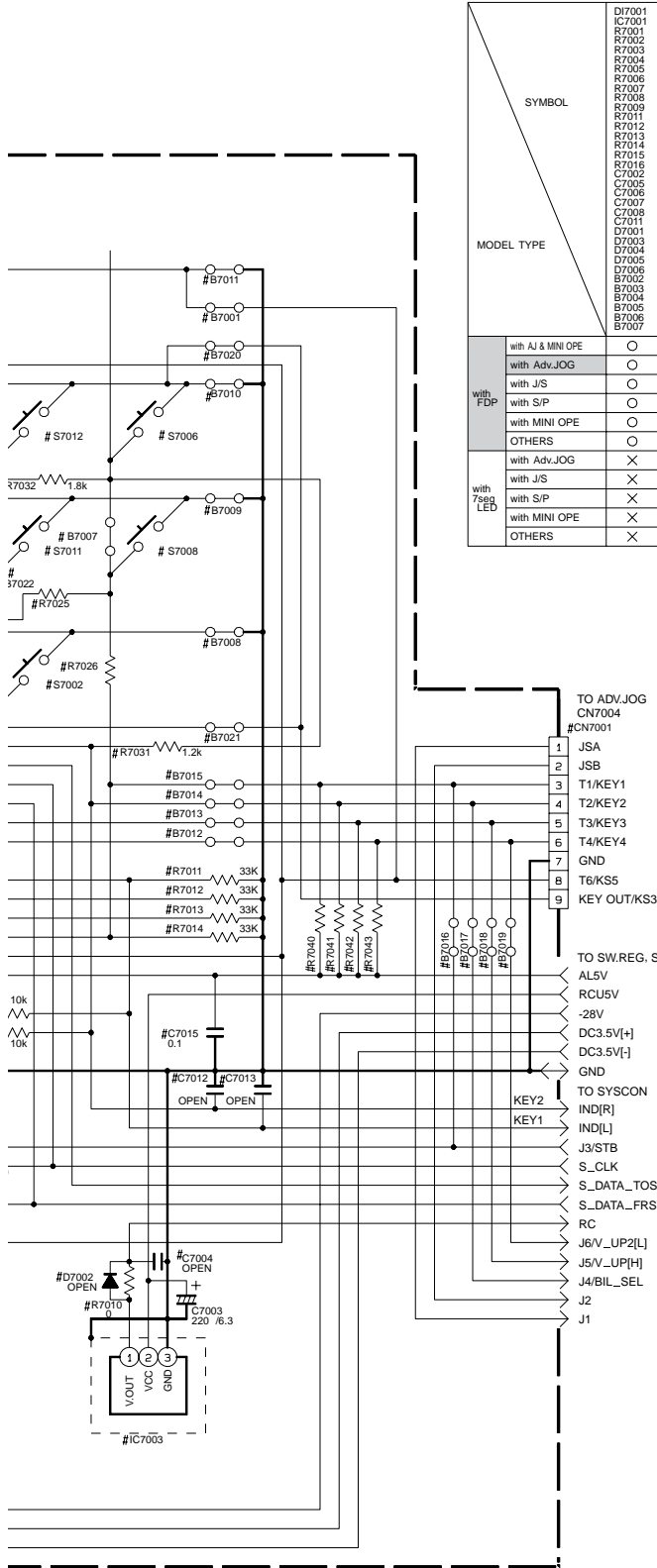


SYMBOL	R7017 D7008	R7018 D7009
LED	○	×
for S7002	○	×
for S7016	×	○

○:Used  
×:Not used

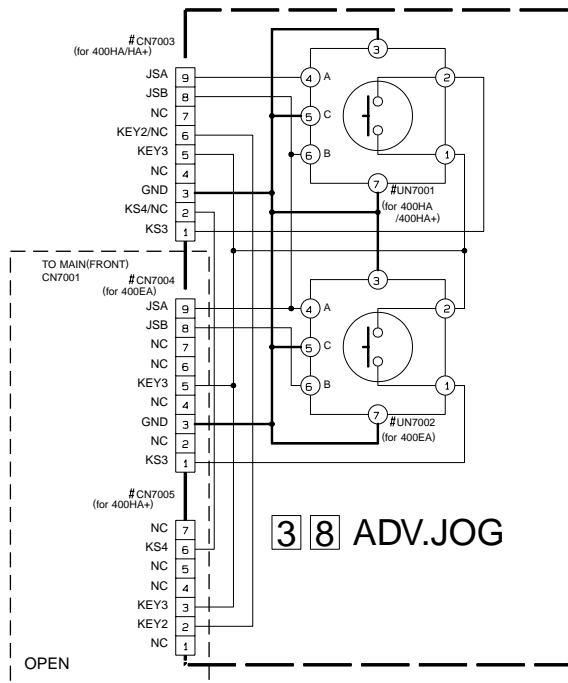
RCU	R7010	C7004 D7002	IC7003
JVC	SHORT	×	GP1U291Q PNA4652MOOYC PIC-28143LJ
PHILIPS	SHORT	×	GP1U2900 PNA4655MOOYC PIC-28142LJ

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.



SYMBOL	MODEL TYPE														
	D17001	D17002	R7034	R7036	D7007	R7022	R7035	B7012	B7013	B7014	B7016	B7001	B7020	B7021	CN7001
with AJ & MINI OPE	○	×	×	×	×	SHORT	SHORT	×	○	×	×	○	○	×	○
with Adv.JOG	○	×	×	×	×	SHORT	SHORT	×	○	×	×	×	×	×	×
with J+S	○	×	×	×	○	SHORT	SHORT	○	○	○	×	×	×	×	○
with S/P	○	×	×	×	×	SHORT	SHORT	○	○	○	×	×	×	×	○
with MINI OPE	○	×	×	×	×	SHORT	SHORT	○	○	○	×	×	×	×	○
OTHERS	○	×	×	×	×	SHORT	SHORT	×	×	×	×	×	×	×	×
with Adv.JOG	×	○	○	○	×	○	4.7k	×	×	×	×	×	×	×	×
with J+S	×	○	○	○	×	○	4.7k	×	×	×	×	×	×	×	○
with S/P	×	○	○	○	×	○	4.7k	×	×	×	×	×	×	×	○
with MINI OPE	×	○	SHORT	×	×	×	×	×	×	×	×	×	×	×	○
OTHERS	×	○	○	○	×	○	4.7k	×	×	×	×	×	×	×	×

CN7001 PIN No.	CN7003 PIN No.	FDP					LED					
		A+	Adv.JOG	J+S	SPlay	MIN OPE	OTHERS	Adv.JOG	J+S	SPlay	MIN OPE	OTHERS
1	9	JSA	JSA	JSA	NC	NC	JSA	JSA	NC	NC	NC	NC
2	8	JSB	JSB	JSB	NC	NC	NC	JSB	JSB	NC	NC	NC
3	7	NC	NC	T1	T1	KEY1	NC	NC	T1	T1	NC	NC
4	6	KEY2	NC	T2	T2	KEY2	NC	NC	T2	T2	NC	NC
5	5	KEY3	KEY3	T3	T3	KEY3	NC	NC	T3	T3	NC	NC
6	4	NC	NC	T4	T4	KEY4	NC	NC	T4	T4	NC	NC
7	3	GND	GND	GND	GND	NC	NC	GND	GND	GND	GND	NC
8	2	KS4	NC	KS5	KS5	KS4	NC	T6	NC	T6	T6	NC
9	1	KS3	KS3	NC	KS3	NC	NC	NC	NC	NC	NC	KEY1/OUT



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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 μF.

	C7004	D7002	IC7003
IORT	×		GP1U291Q PNA4652M0QYC PIC-28143LJ
IORT	×		GP1U290Q PNA4655M0QYC PIC-28142LJ

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

# 4.8 MAIN (TERMINAL) SCHEMATIC DIAGRAM

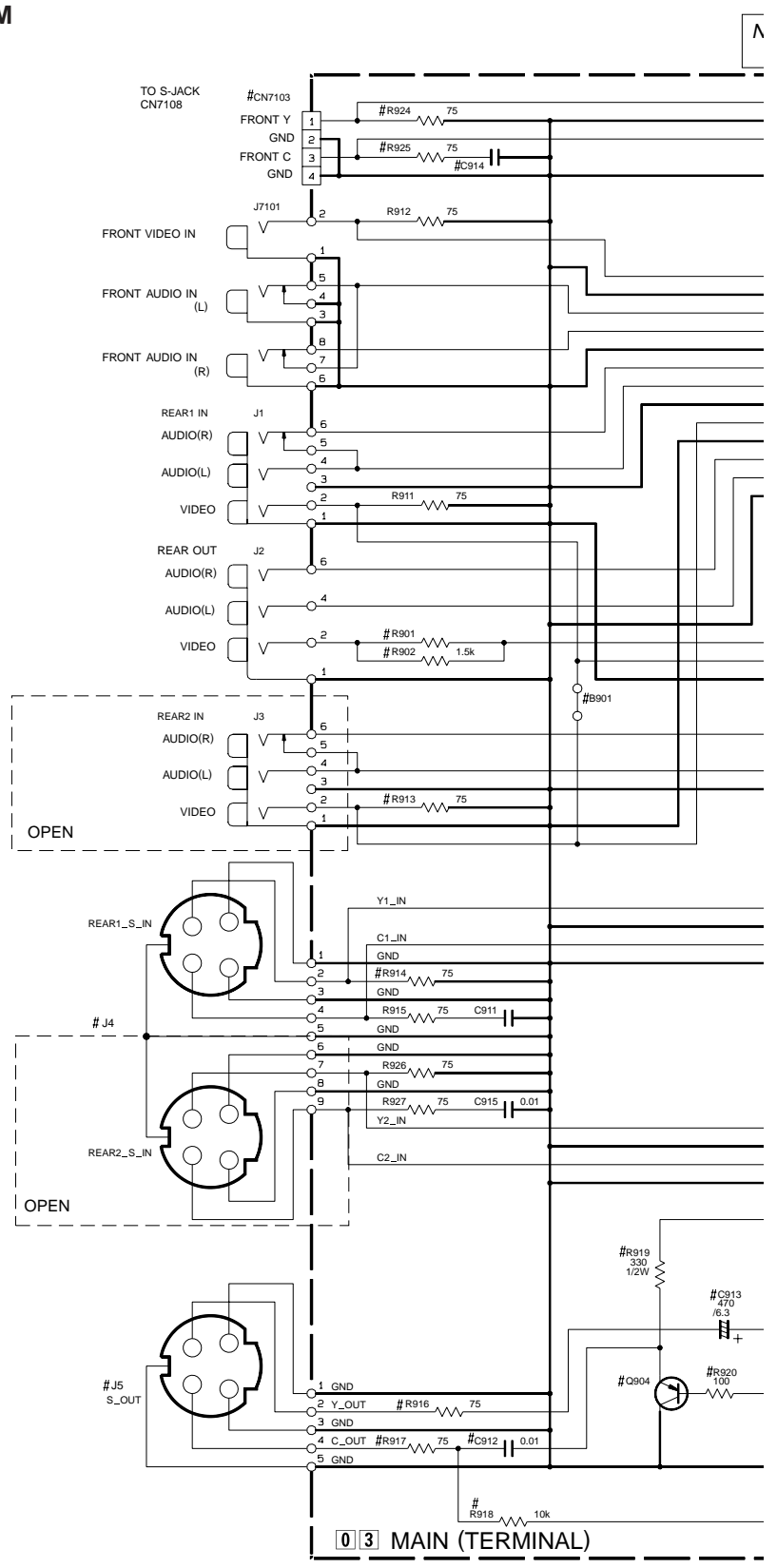
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0 3 MAIN (TERMINAL)

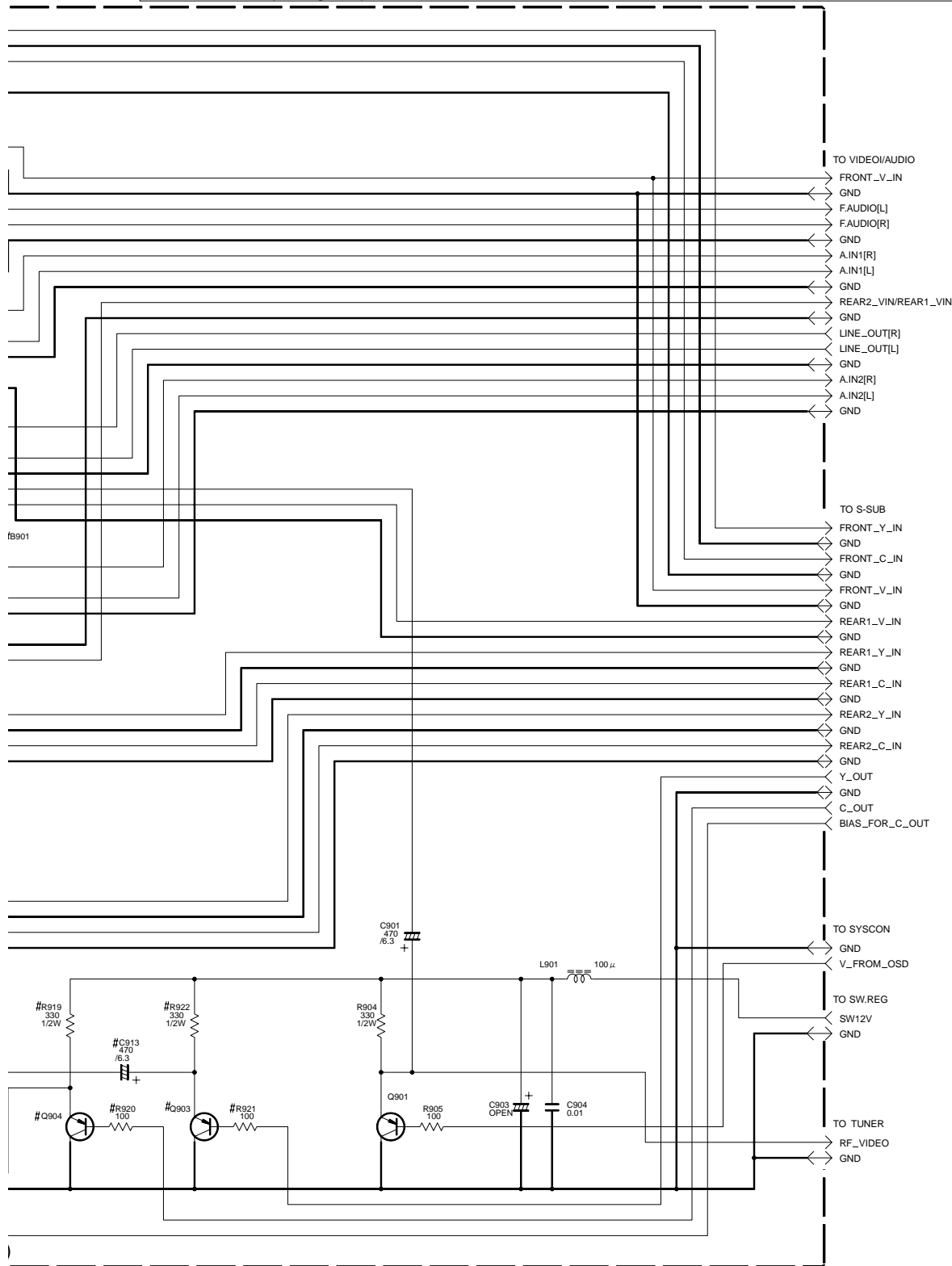
# DIFFERENCE TABLE

○ : Used  
x : Not used

MODEL	SYMBOL	R913 J3	J4	R924 R925 CN7103	C914	R926 R927 C915	R918	C911	R902 R914 R919
S-VHS JPN F_S_IN REAR2_IN		○	S1/S2	○	0.01	○	○	0.01	
S-VHS JPN F_S_IN		x	S1	○	0.01	x	○	0.01	
S-VHS US F_S_IN		x	S1	○	0.01	x	x	0.01	
S-VHS US		x	S1	x	x	x	x	0.01	
VHS		x	x	x	x	x	x	x	



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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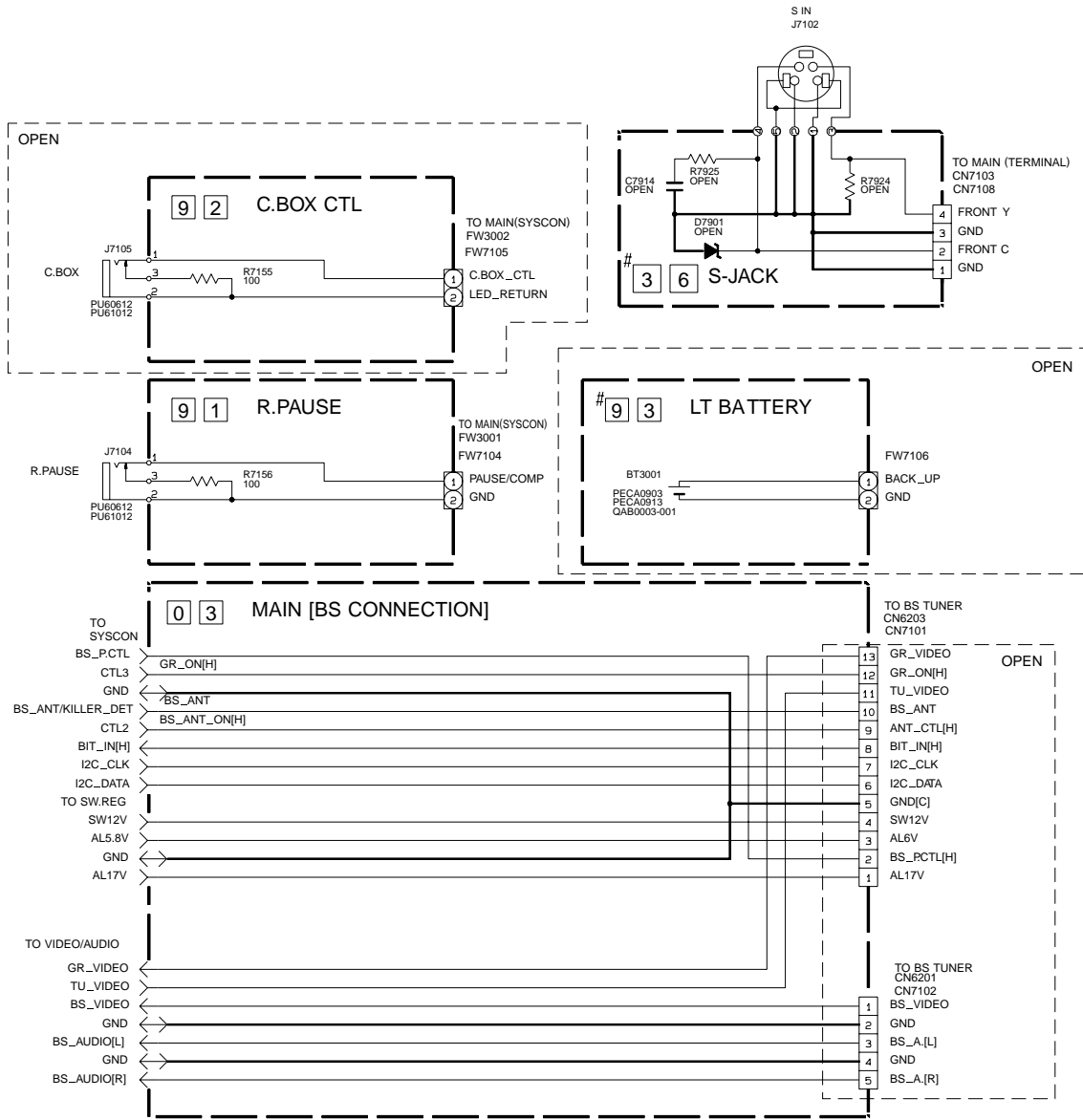
NOTES: UNLESS OTHERWISE SPECIFIED.  
ALL RESISTANCE VALUES ARE IN OHMS.  
ALL INDUCTANCE VALUES ARE IN H.  
ALL CAPACITANCE VALUES ARE IN  $\mu$ F.  
ALL NPN TYPE TRANSISTORS ARE 2SC4081/QRS/  
ALL PNP TYPE TRANSISTORS ARE 2SA1576A/QR/

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

R918	C911	R902 R914-R917 R919-R922	Q903, Q904 C912, C913 J5	B901	R901
○	0.01		○	X	82
○	0.01		○	X	82
X	0Ω		○	X	82
X	0Ω		○	X	82
X	X		X	○	75

# 4.9 MAIN (BS CONNECTION), S JACK AND R.PAUSE SCHEMATIC DIAGRAMS

Nc



KE

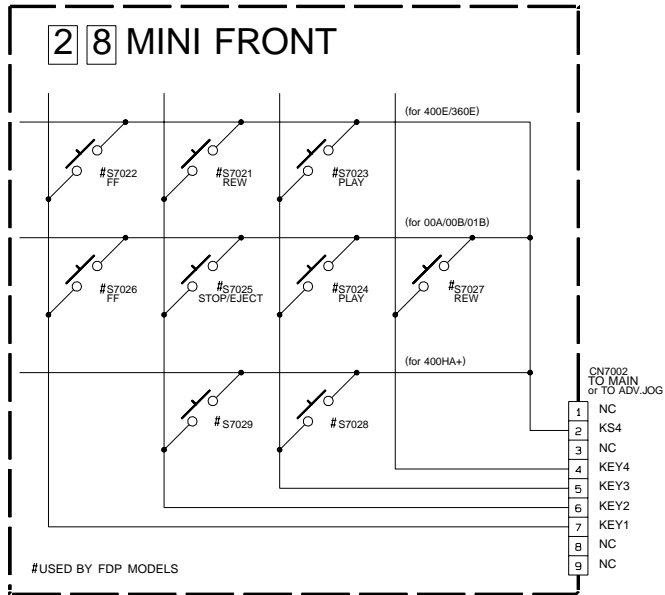
0 3

	BS MODELS	GR MODELS
CN7101	1-10	1-13

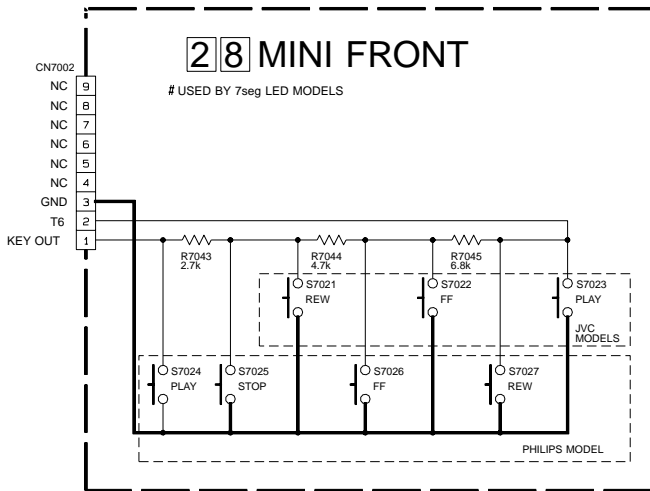
NOTES : UNLI  
 ALL RE  
 ALL IT  
 ALL C  
 +  
 -  
 -  
 -

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.

OPEN



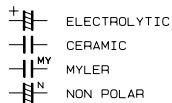
#USED BY FDP MODELS



### 28 MINI FRONT

# USED BY 7seg LED MODELS

NOTES: UNLESS OTHERWISE SPECIFIED.  
ALL RESISTANCE VALUES ARE IN OHMS.  
ALL INDUCTANCE VALUES ARE IN H.  
ALL CAPACITANCE VALUES ARE IN  $\mu$ F.

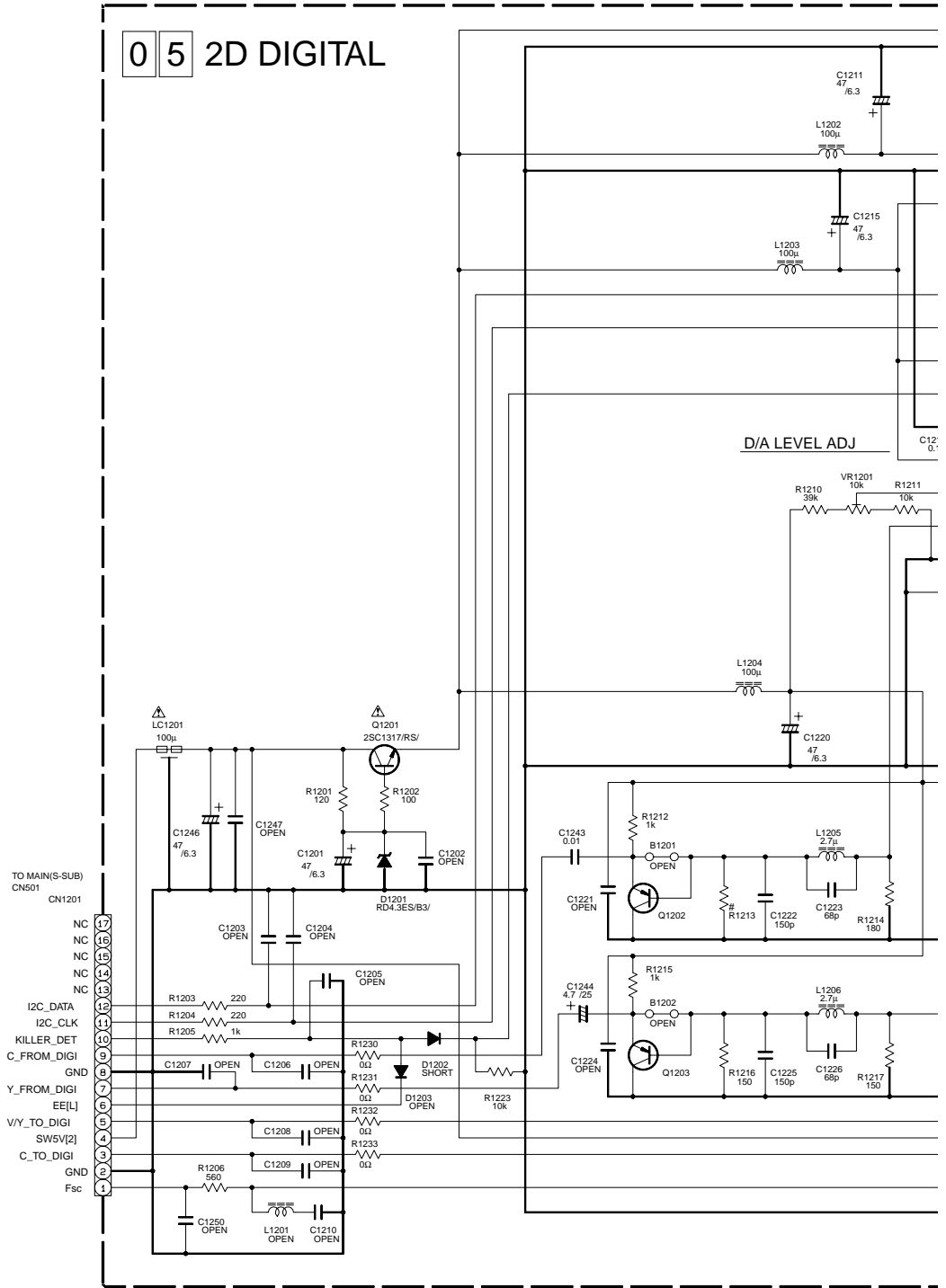


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# 4.10 2D DIGITAL SCHEMATIC DIAGRAM

Not

0 5 2D DIGITAL



# DIFFERENCE TABLE

SYMBOL	Q1206	R1225-R1228	R1220	R1213
MODEL	C1248			
PCEC	○		X	150
OTHER	X		○	180

○:Used  
X:Not used

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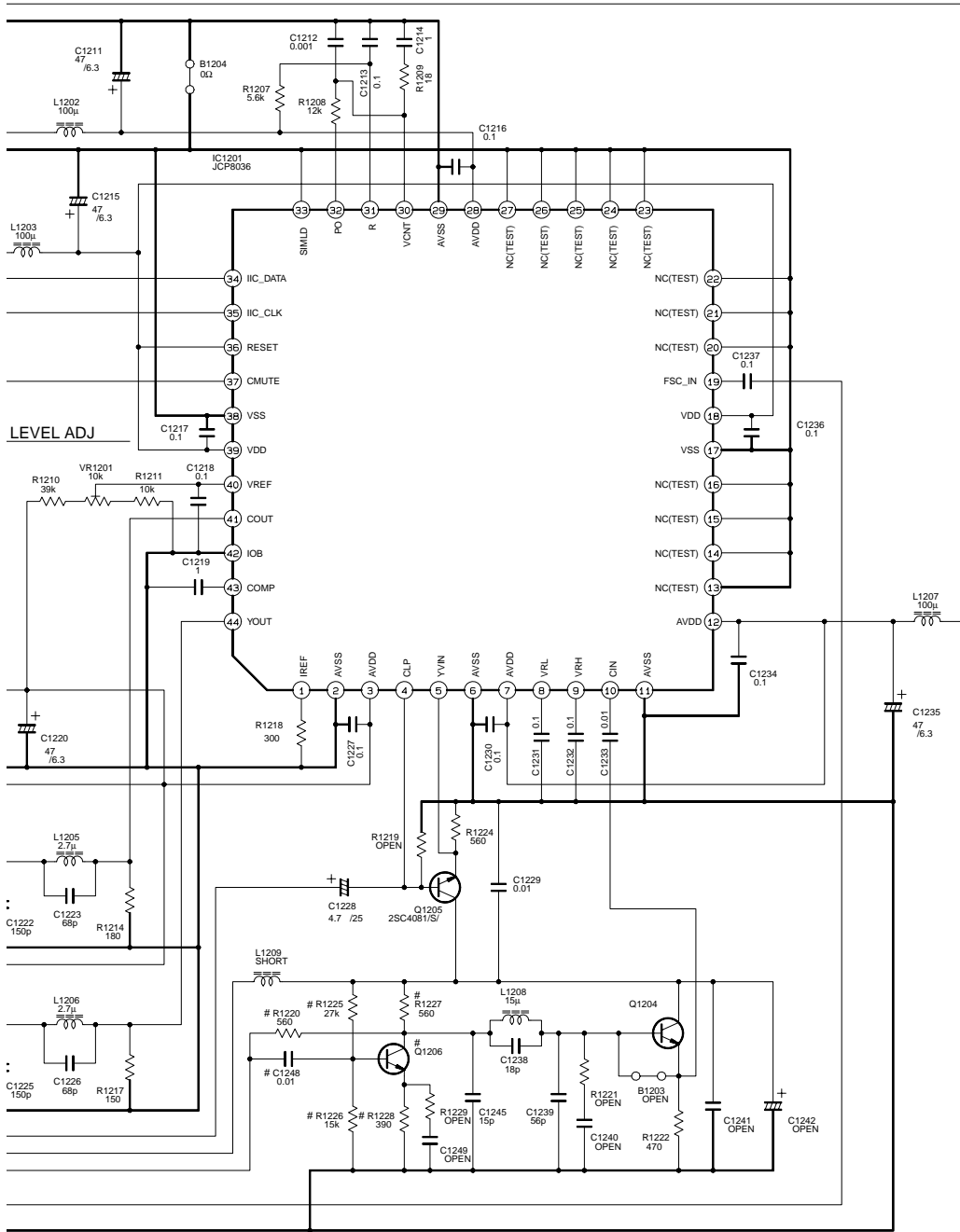
A

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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.



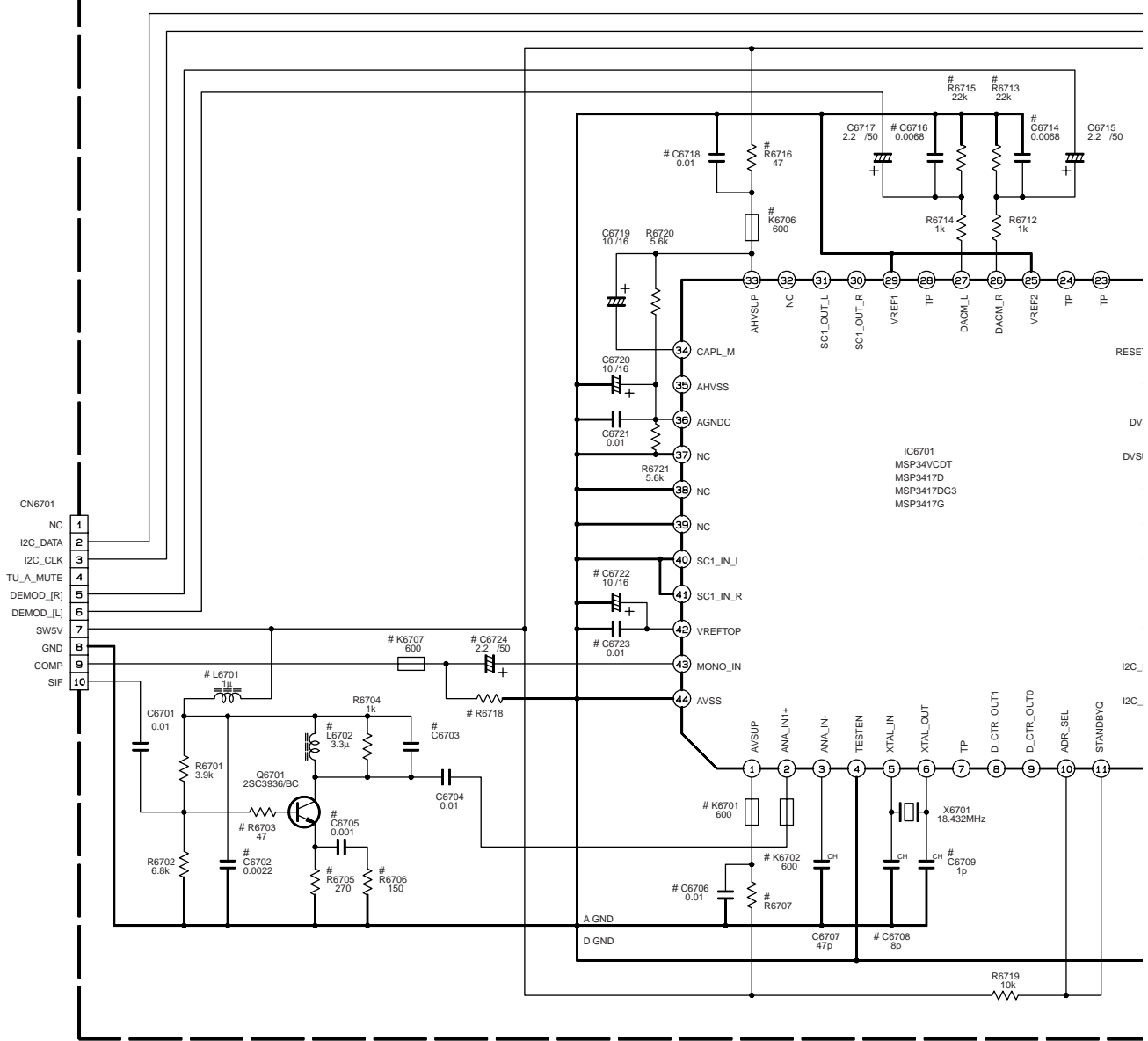
NOTES: UNLESS OTHERWISE SPECIFIED.  
 ALL RESISTANCE VALUES ARE IN OHMS.  
 ALL INDUCTANCE VALUES ARE IN H.  
 ALL CAPACITANCE VALUES ARE IN µF.  
 ALL NPN TYPE TRANSISTORS ARE 2SC4081/ORS/.  
 ALL PNP TYPE TRANSISTORS ARE 2SA1576A/QR/.

- ELECTROLYTIC
- CERAMIC
- MYLER
- NON POLAR

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# 4.11 DEMODULATOR SCHEMATIC DIAGRAM

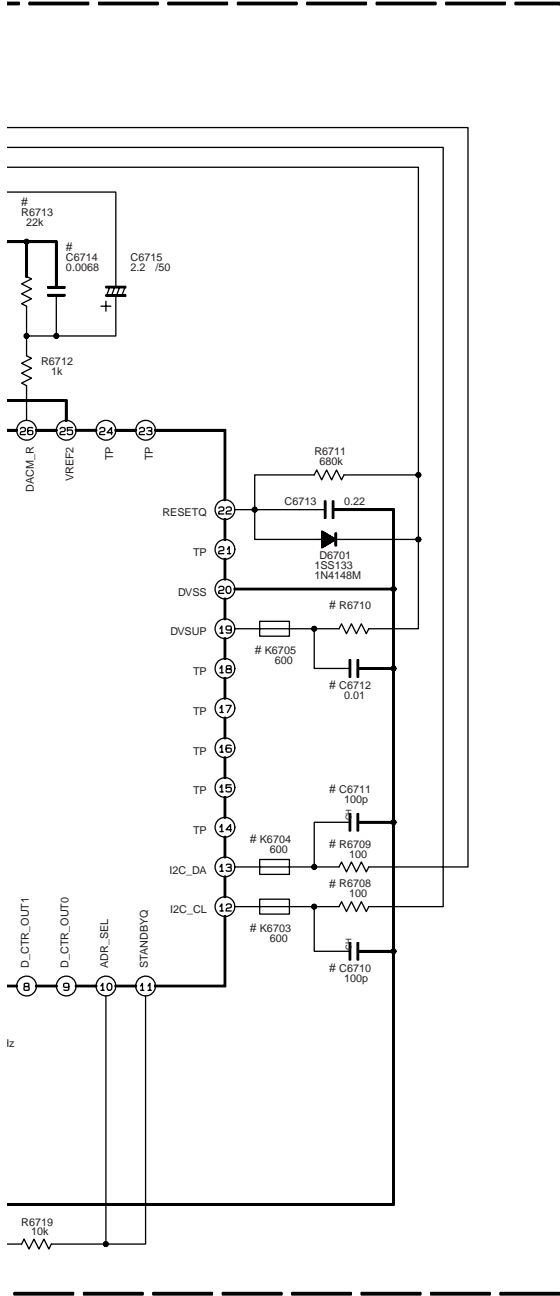
## 1 4 DEMOD



NOTES: UNLESS OTHERWISE SPECIFIED.  
 ALL RESISTANCE VALUES ARE IN OHMS.  
 ALL INDUCTANCE VALUES ARE IN H.  
 ALL CAPACITANCE VALUES ARE IN  $\mu$ F.

ELECTROLYTIC  
 CERAMIC  
 MYLER  
 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.



# DIFFERENCE TABLE

○ :Used  
 × :Not used

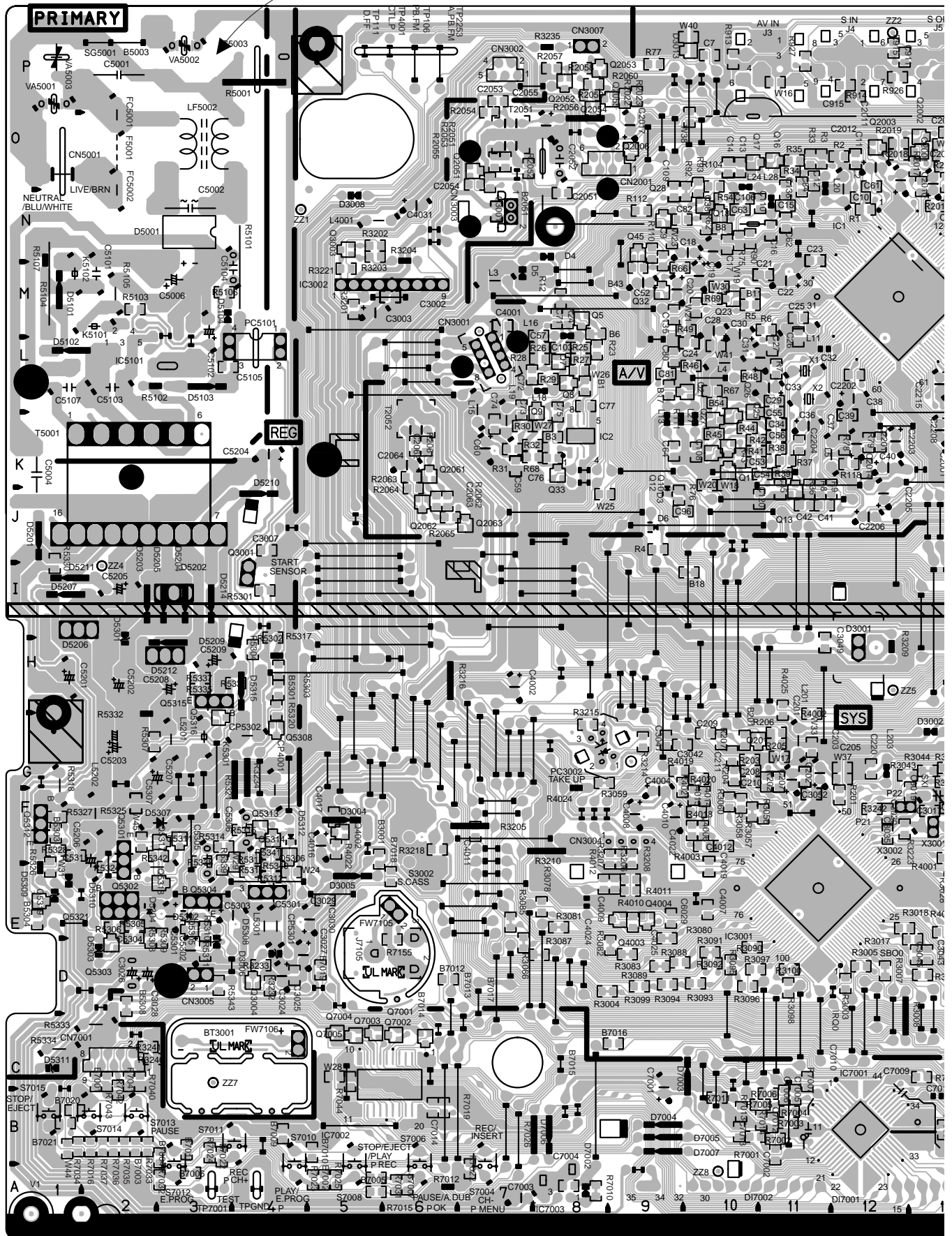
		V13			V14				
		FRANCE MS	EU/EK	ARC	EU/EK	FRANCE MS	KOREA	ARC 4SYSTEM	ARC 3SYSTEM
DEMOM PWB ASSY		LPA10094 -01*	LPA10094 -02*	LPA10094 -03*	LPA10094 -04*	LPA10094 -05*	LPA10094 -06*	LPA10094 -07*	LPA10094 -08*
PRE AMP	R6703	47	47	47	0	0	47	0	0
	R6705	270	270	100	270	270	270	270	270
	R6706	150	150	×	×	×	100	×	×
	C6702	0.0022	0.0022	0.0022	×	×	×	×	×
	C6703	×	×	220p	×	×	×	220p	180p
	C6705	0.001	0.001	×	×	×	0.001	×	×
	L6701	1μ	1μ	1μ	SHORT	SHORT	SHORT	SHORT	SHORT
	L6702	3.3μ	3.3μ	3.3μ	×	×	3.3μ	3.3μ	3.3μ
MONO IN	K6707	FE 600	×	×	×	FE 600	×	×	×
	C6724	0.22/50	×	×	×	0.22/50	×	×	×
	R6718	×	×	×	×	×	×	×	×
I2C-BUS	R6708,R6709	100	100	100	FE 600	FE 600	FE 600	FE 600	FE 600
	K6703,K6704	FE 600	FE 600	FE 600	1K	1K	1K	1K	1K
	C6710,C6711	×	×	×	×	×	×	×	×
ANALOG Vcc	R6707	22	47	47	FE 600	FE 600	FE 600	FE 600	FE 600
	K6701	FE 600	FE 600	FE 600	33	33	33	33	33
	C6706	×	×	×	×	×	×	×	×
DIGITAL Vcc	R6710	10	12	12	FE 600	FE 600	FE 600	FE 600	FE 600
	K6705	FE 600	FE 600	FE 600	10	10	10	10	10
	C6712	×	×	×	×	×	×	×	×
DAC Vcc	R6716	47	47	47	FE 600	FE 600	FE 600	FE 600	FE 600
	K6706	FE 600	FE 600	FE 600	47	47	47	47	47
	C6718	×	×	×	×	×	×	×	×
XTAL	C6708	8p	8p	8p	7p	7p	7p	7p	7p
	C6709	1p	1p	1p	3p	3p	3p	3p	3p
DAC OUT	R6713,R6715	×	×	×	×	×	×	×	×
	C6714,C6716	0.0068	0.0068	0.0068	0.0022	0.0068	0.0022	0.0022	0.0022
VREF	C6722	×	×	×	×	×	×	×	×
	C6723	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01

RESISTORS SPECIFIED.  
 VALUES IN OHMS.  
 VALUES IN H.  
 VALUES IN μF.  
 UNITS

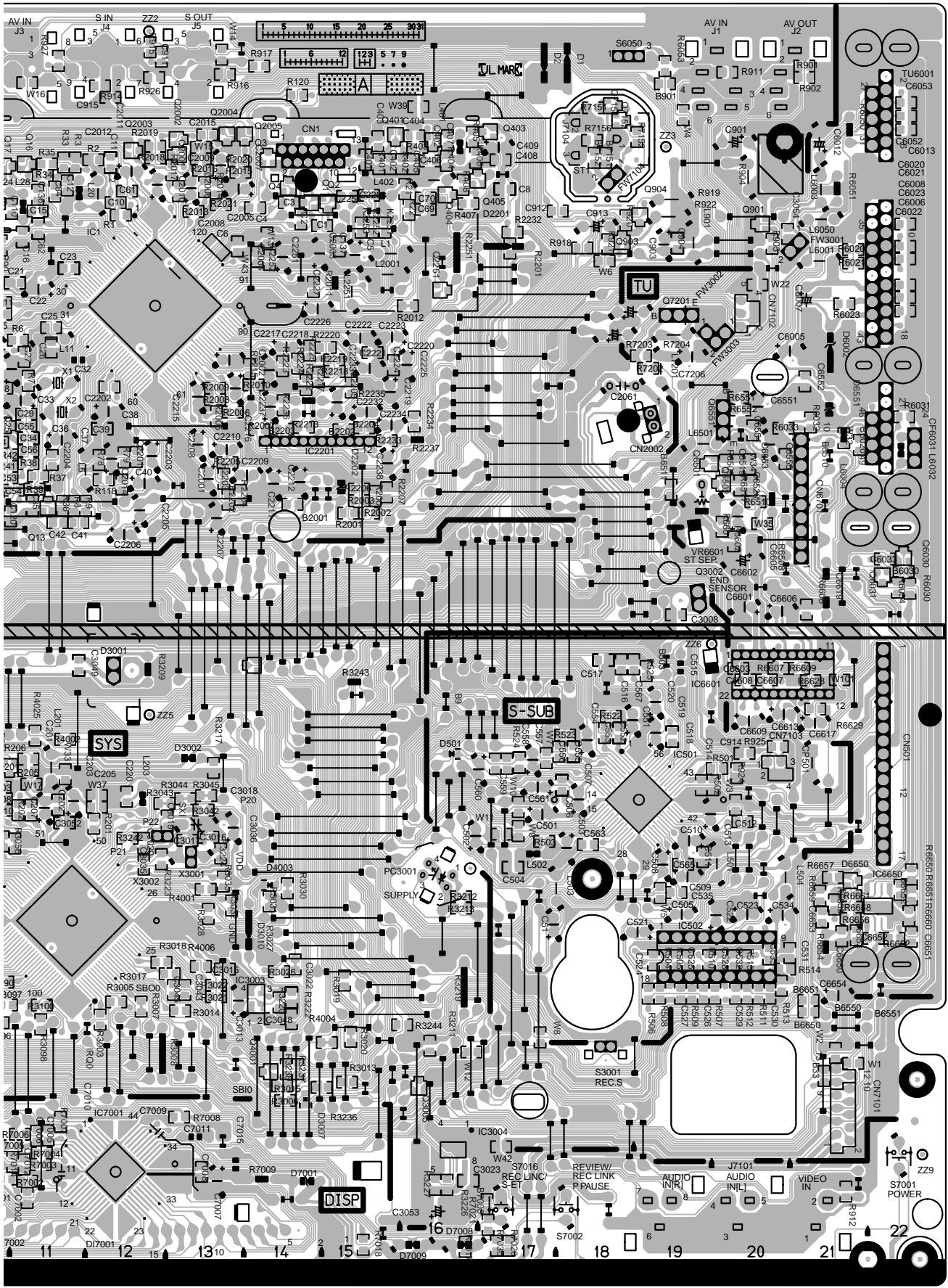
# 4.12 MAIN AND R. PAUSE CIRCUIT BOARDS

<03>MAIN, <91>R.PAUSE  
LPB10141-001B

**DANGEROUS VOLTAGE**



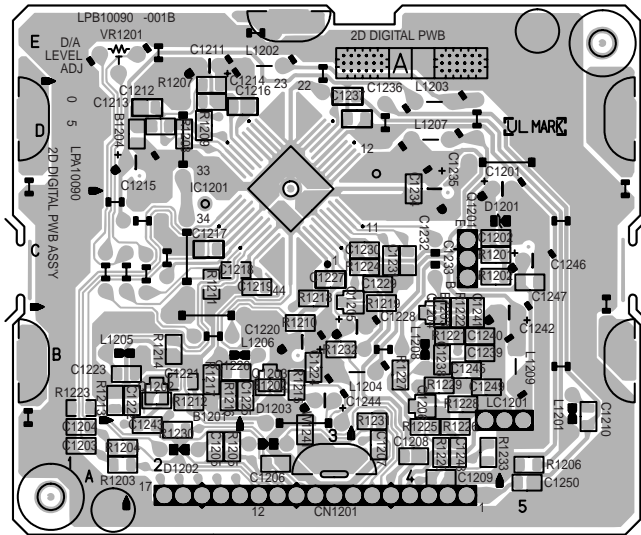






## 4.13 2D DIGITAL AND DEMODULATOR CIRCUIT BOARDS

### <05>2D DIGITAL LPB10090-001B

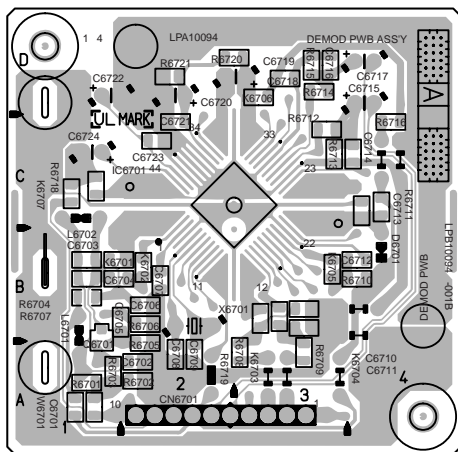


### COMPONENT PARTS LOCATION GUIDE

#### <2D DIGITAL >

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
<b>CAPACITOR</b>				<b>COIL</b>			
C1201	A D 5D	C1230	B C 4C	L1201	A D 5A	R1212	B C 2B
C1202	B C 5C	C1231	B C 4C	L1202	A D 3E	R1213	B C 1B
C1203	B C 1A	C1232	B C 4C	L1203	A D 4D	R1214	B C 2B
C1204	B C 1A	C1233	A D 4C	L1204	A D 4B	R1215	B C 3B
C1205	B C 2A	C1234	B C 4D	L1205	A D 2B	R1216	B C 2B
C1206	B C 3A	C1235	A D 4D	L1206	A D 3B	R1217	B C 2B
C1207	B C 4A	C1236	B C 4D	L1207	A D 4D	R1218	B C 3C
C1208	B C 4A	C1237	B C 3D	L1208	A D 4B	R1219	B C 4C
C1209	B C 4A	C1238	B C 4B	L1209	A D 5B	R1220	B C 4A
C1210	B C 6B	C1239	B C 5B			R1221	B C 4B
C1211	A D 2E	C1240	B C 5B			R1222	B C 4B
C1212	B C 2D	C1241	B C 5B	<b>TRANSISTOR</b>			
C1213	B C 2D	C1242	A D 5B	Q1201	A D 5C	R1223	B C 1B
C1214	B C 2D	C1243	B C 2A	Q1202	B C 2B	R1224	B C 4C
C1215	A D 2D	C1244	A D 3B	Q1203	B C 3B	R1225	B C 4A
C1216	B C 3D	C1245	B C 5B	Q1204	B C 4B	R1226	B C 4A
C1217	B C 2C	C1246	A D 5C	Q1205	B C 3C	R1227	B C 4B
C1218	B C 2C	C1247	B C 5C	Q1206	B C 4B	R1228	B C 4B
C1219	B C 3C	C1248	B C 4A	<b>RESISTOR</b>			
C1220	A D 3B	C1249	B C 5A	R1201	B C 5C	R1230	B C 2A
C1221	B C 2B	C1250	B C 5A	R1202	B C 5C	R1231	B C 4B
C1222	B C 2B	<b>CONNECTOR</b>				R1203	B C 1A
C1223	B C 2B	CN1201	A D 5A	R1204	B C 2A	R1232	B C 3B
C1224	B C 3B	<b>DIODE</b>				R1205	B C 2A
C1225	B C 3B	D1201	A D 5C	R1206	B C 5A	R1207	B C 2D
C1226	B C 2B	D1202	A D 2A	R1207	B C 2D	R1208	B C 2D
C1227	B C 3C	D1203	A D 3A	R1209	B C 2D	R1210	B C 3B
C1228	A D 3B	<b>IC</b>				R1211	B C 2C
C1229	B C 4C	IC1201	B C 3D				
				<b>OTHER</b>			
						LC1201	A D 5B
						VR1201	A D 1E

### <14> DEMODULATOR LPB10094-001C



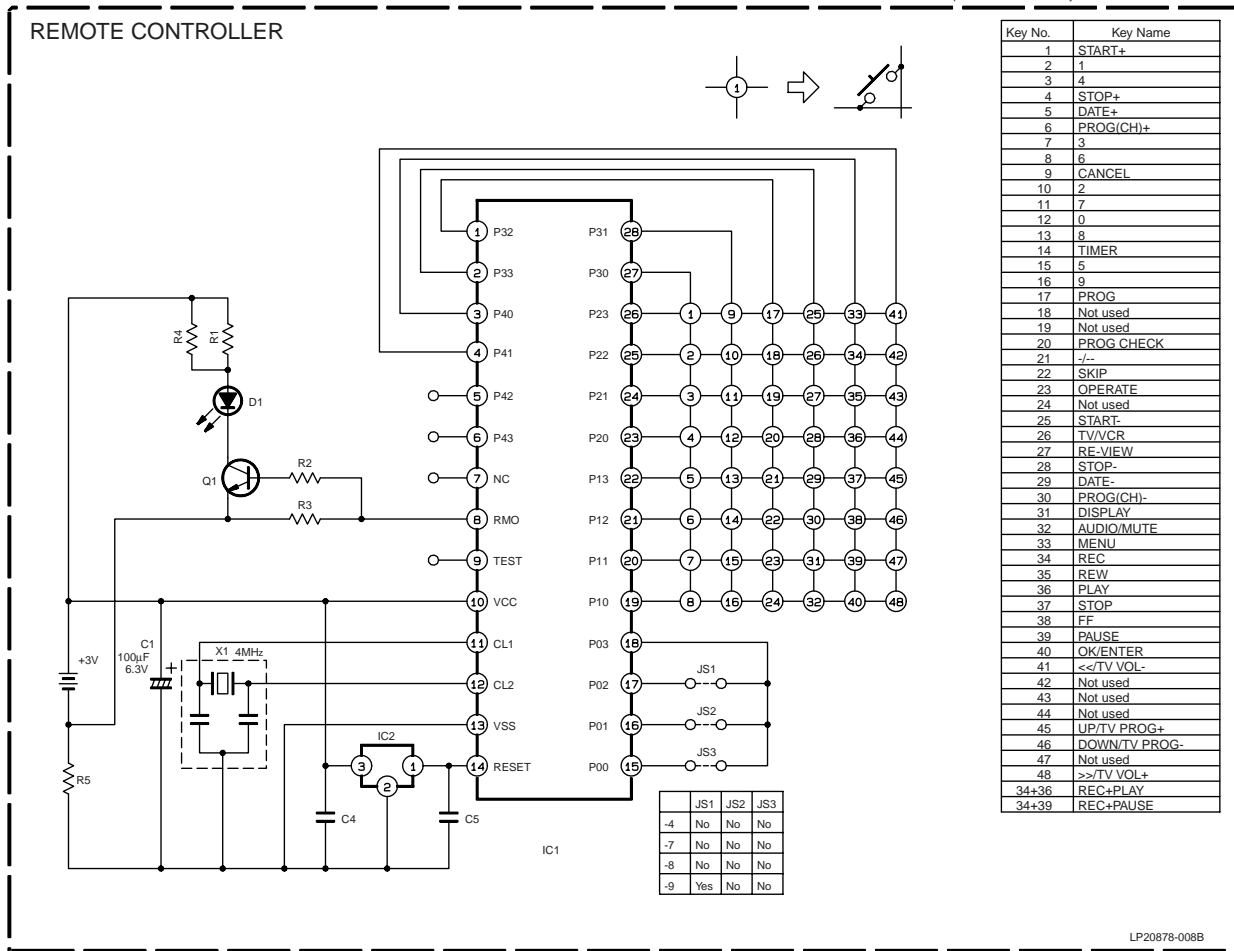
### COMPONENT PARTS LOCATION GUIDE

#### <DEMODULATOR>

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
<b>CAPACITOR</b>					
C1501	A D 4C	C1520	A D 3A	R1509	A D 3B
C1502	A D 3D	C1521	A D 2C	R1510	A D 4B
C1503	A D 4D	<b>CONNECTOR</b>			
C1504	A D 4C	CN1501	A D 3A	R1511	A D 3A
C1505	A D 3D	<b>IC</b>			
C1506	A D 3C	IC1501	B C 2C	R1514	A D 2B
C1507	A D 2C	<b>TRANSISTOR</b>			
C1508	A D 1D	Q1501	A D 3B	R1515	A D 2C
C1509	A D 2C	Q1502	A D 3B	R1517	A D 2C
C1510	A D 1B	<b>RESISTOR</b>			
C1511	A D 1A	R1501	A D 4C		
C1512	A D 2A	R1502	A D 2C		
C1513	A D 2B	R1503	A D 2C		
C1514	A D 2A	R1504	A D 2B		
C1515	A D 3B	R1505	A D 2B		
C1516	A D 3C	R1506	A D 2B		
C1517	A D 3B	R1507	A D 2B		
C1518	A D 3A	R1508	A D 3B		
C1519	A D 3B				

### 4.14 REMOTE CONTROLLER SCHEMATIC DIAGRAM

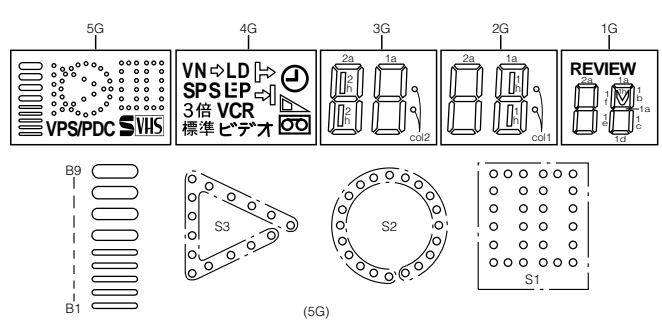
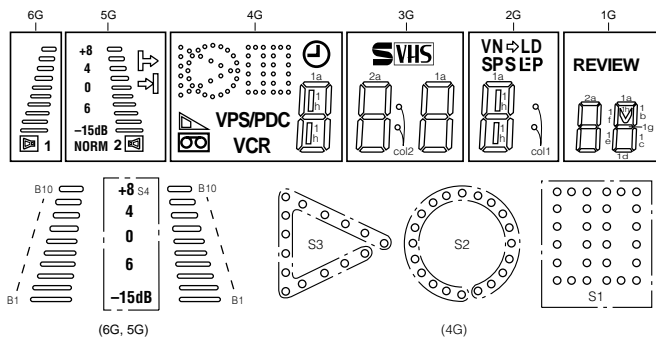
NOTES:  
 1 All parts shown in this schematic are critical for safety.  
 2 This schematic is only for reference.  
 Avoid replacing individual parts.  
 Replace the entire unit only.



### 4.15 FDP GRID ASSIGNMENT AND ANODE CONNECTION

[A] (FDP with audio level indicator)

[B] (FDP without audio level indicator)



ANODE CONNECTION

[A]

	6G	5G	4G	3G	2G	1G
P 1	—	⚡	S2	1a	1a	1a
P 2	—	⚡	S1	1b	1b	1b
P 3	—	S4	S3	1f	1f	1f
P 4	—	NORM	VPS/PDC	1g	1g	1g
P 5	1	2	⚡	1c	1c	1c
P 6	⚡	⚡	⚡	1e	1e	1e
P 7	B10	B10	⚡	1d	1d	1d
P 8	B9	B9	VCR	col2	1h	1h
P 9	B8	B8	1a	2a	col1	2a
P10	B7	B7	1b	2b	⚡	2b
P11	B6	B6	1f	2f	VN	2f
P12	B5	B5	1g	2g	LD	2g
P13	B4	B4	1c	2c	SP	2c
P14	B3	B3	1e	2e	S (SEP)	2e
P15	B2	B2	1d	2d	= (SEP)	2d
P16	B1	B1	1h	SVHS	LP (SEP)	REVIEW

ANODE CONNECTION

[B]

	5G	4G	3G	2G	1G
P 1	S2	⚡	1a	1a	1a
P 2	S1	⚡	1b	1b	1b
P 3	S3	3倍	1f	1f	1f
P 4	VPS/PDC	標準	1g	1g	1g
P 5	SVHS	⚡	1c	1c	1c
P 6	—	⚡	1e	1e	1e
P 7	—	⚡	1d	1d	1d
P 8	B9	VCR	col2	1h	1h
P 9	B8	⚡	2a	2a	2a
P10	B7	⚡	2b	2b	2b
P11	B6	VN	2f	2f	2f
P12	B5	LD	2g	2g	2g
P13	B4	SP	2c	2c	2c
P14	B3	S (SEP)	2e	2e	2e
P15	B2	= (SEP)	2d	2d	2d
P16	B1	LP (SEP)	2h	col1	REVIEW