


# 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.

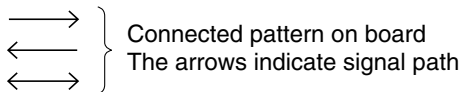
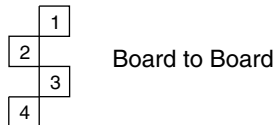
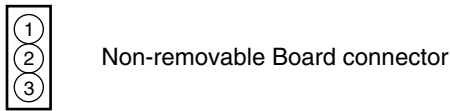
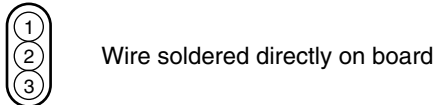
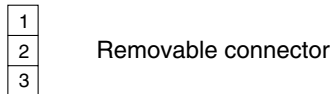
- 1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).  
Chip resistors are 1/16 W.  
K: K $\Omega$  (1000 $\Omega$ ), M: M $\Omega$  (1000K $\Omega$ )
- 2) All capacitance values are in  $\mu$ F, (P: PF).
- 3) All inductance values are in  $\mu$ H, (m: mH).
- 4) All diodes are 1SS133,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

### 2. Indications of control voltage

AUX : Active at high.

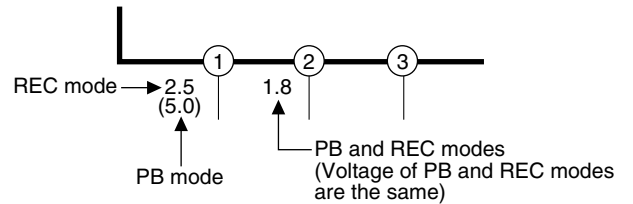
$\overline{\text{AUX}}$  or AUX(L) : Active at low.

### 3. Interpreting Connector indications



### 4. Voltage measurement

- 1) Regulator (DC/DC CONV) circuits  
REC : Colour bar signal.  
PB : Alignment tape (Colour bar).  
— : Unmeasurable or unnecessary to measure.
- 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. Signal path Symbols

The arrows indicate the signal path as follows.

**NOTE :** The arrow is DVC unique object.

-  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

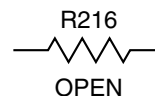
### 6. Indication of the parts for adjustments

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



### 7. Indication of the parts not mounted on the circuit board

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



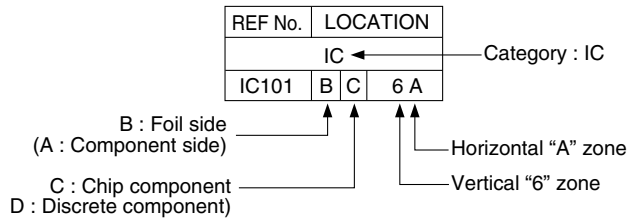
## CIRCUIT BOARD NOTES

### 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.



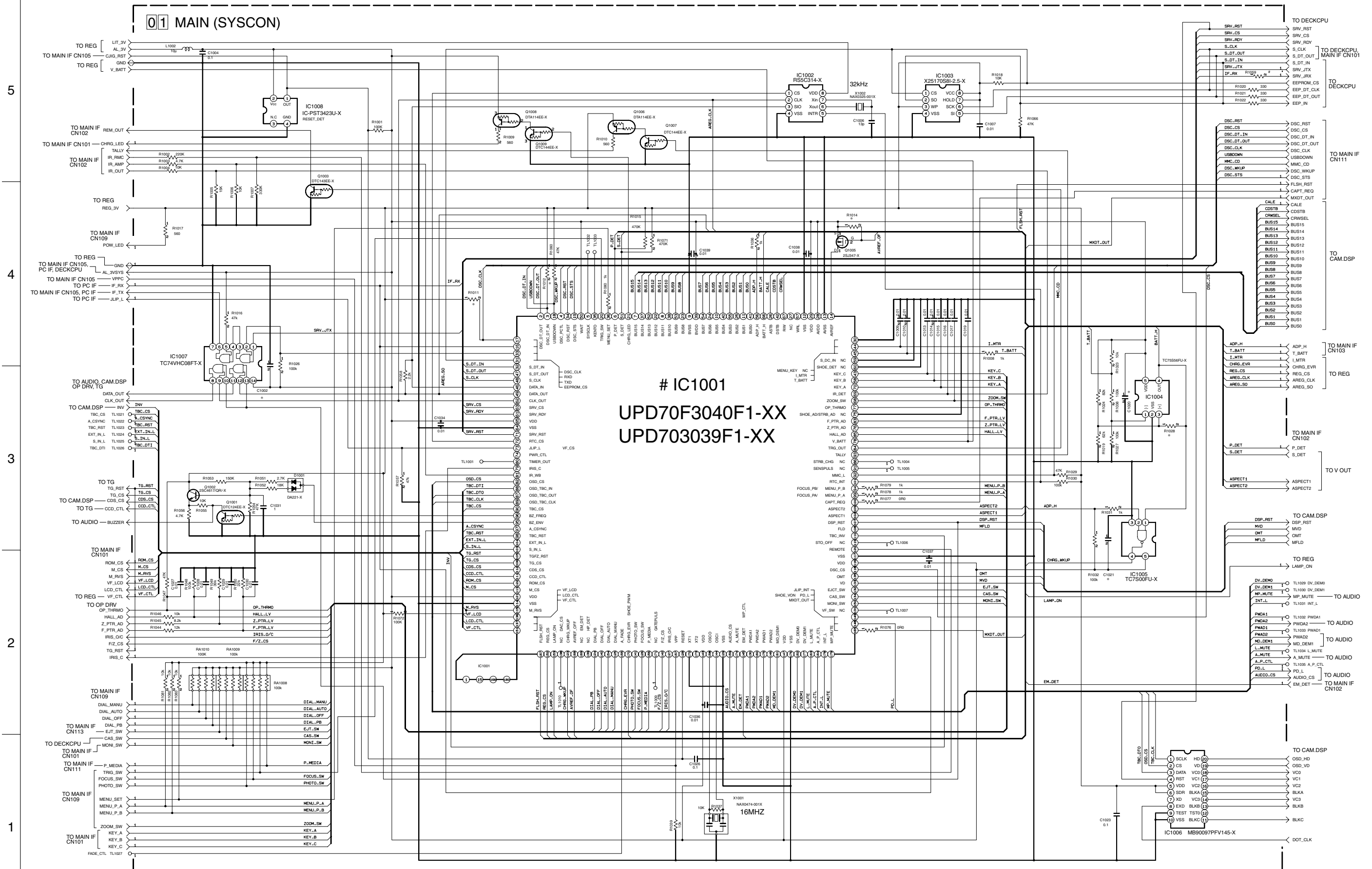
**Note:** For general information in service manual, please refer to the Service Manual of GENERAL INFORMATION Edition 4 No. 82054D (January 1994).





### 4.3 SYSCON SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\*) is not used.

#: Exchange Parts List

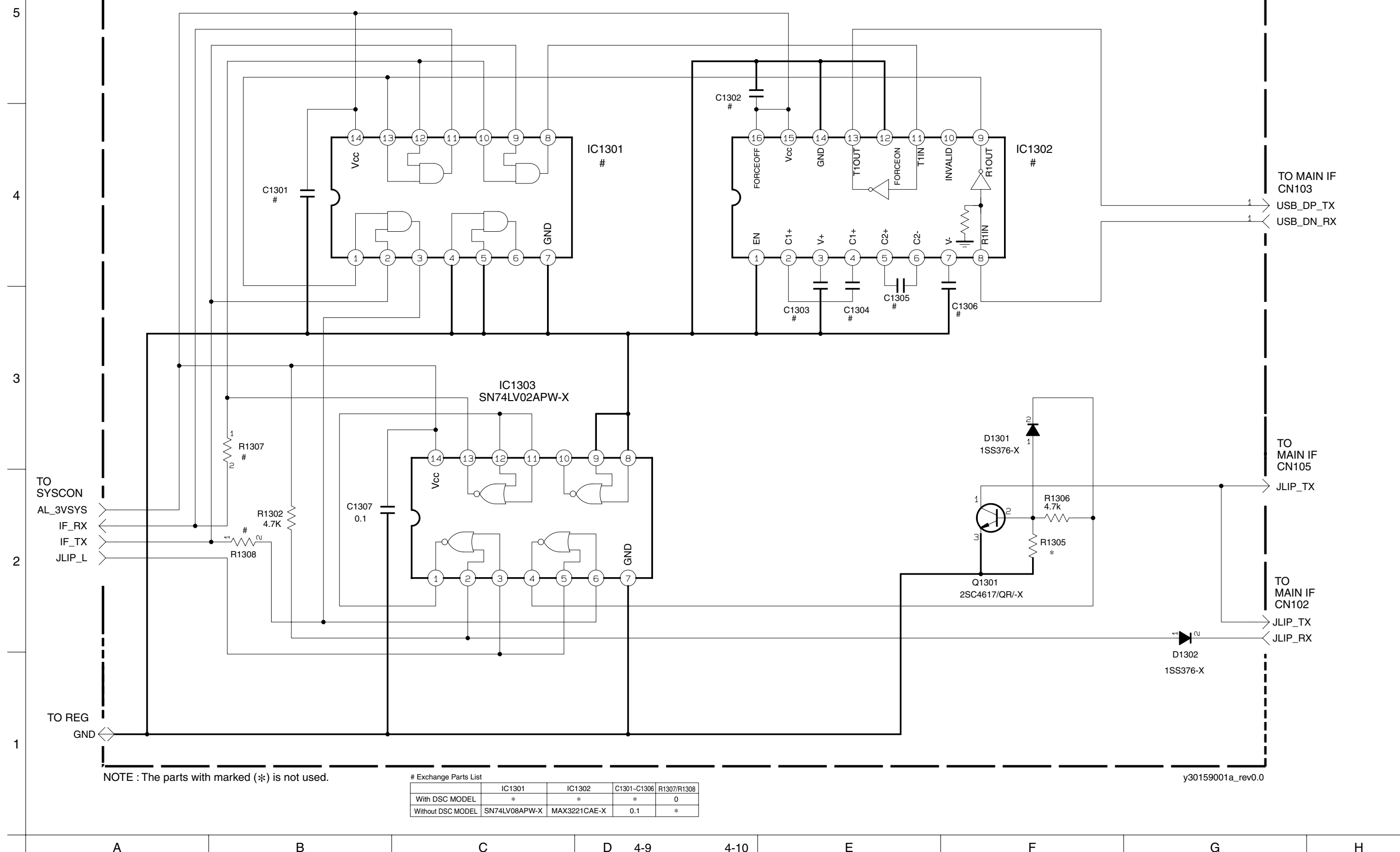
	IC101 ROM No.	R1059
With DSC MODEL	-A25	0
Without DSC MODEL	-A22	0Q1

y10250001a\_rev0.0

4.4 PC IF SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

0 1 MAIN (PC IF)



NOTE : The parts with marked (\*) is not used.

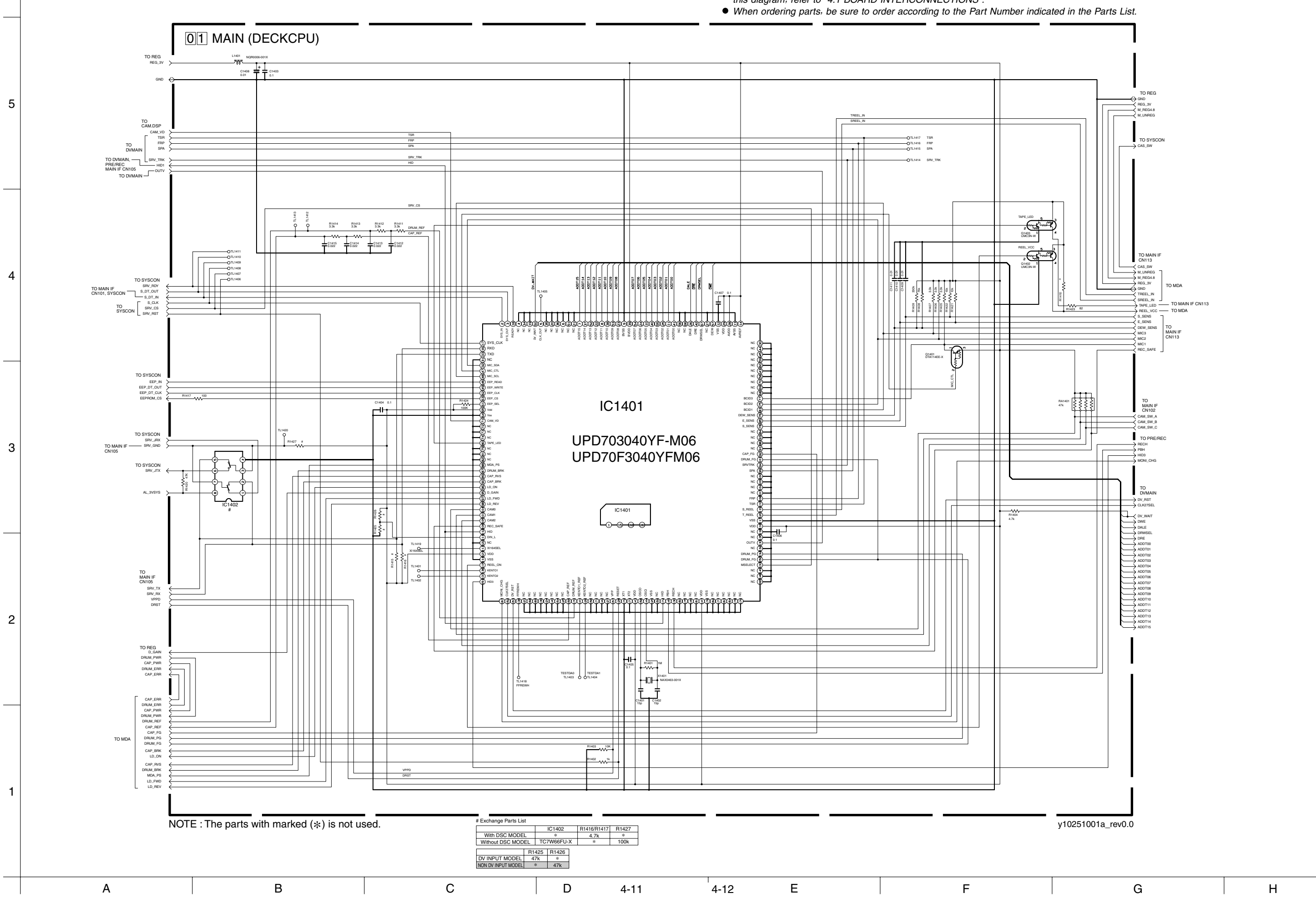
# Exchange Parts List

	IC1301	IC1302	C1301-C1306	R1307/R1308
With DSC MODEL	*	*	*	0
Without DSC MODEL	SN74LV08APW-X	MAX3221CAE-X	0.1	*

y30159001a\_rev0.0

4.5 DECKCPU SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\*): is not used.

# Exchange Parts List

	IC1402	R1416/R1417	R1427
With DSC MODEL	*	4.7k	*
Without DSC MODEL	TC7W66FU-X	*	100k

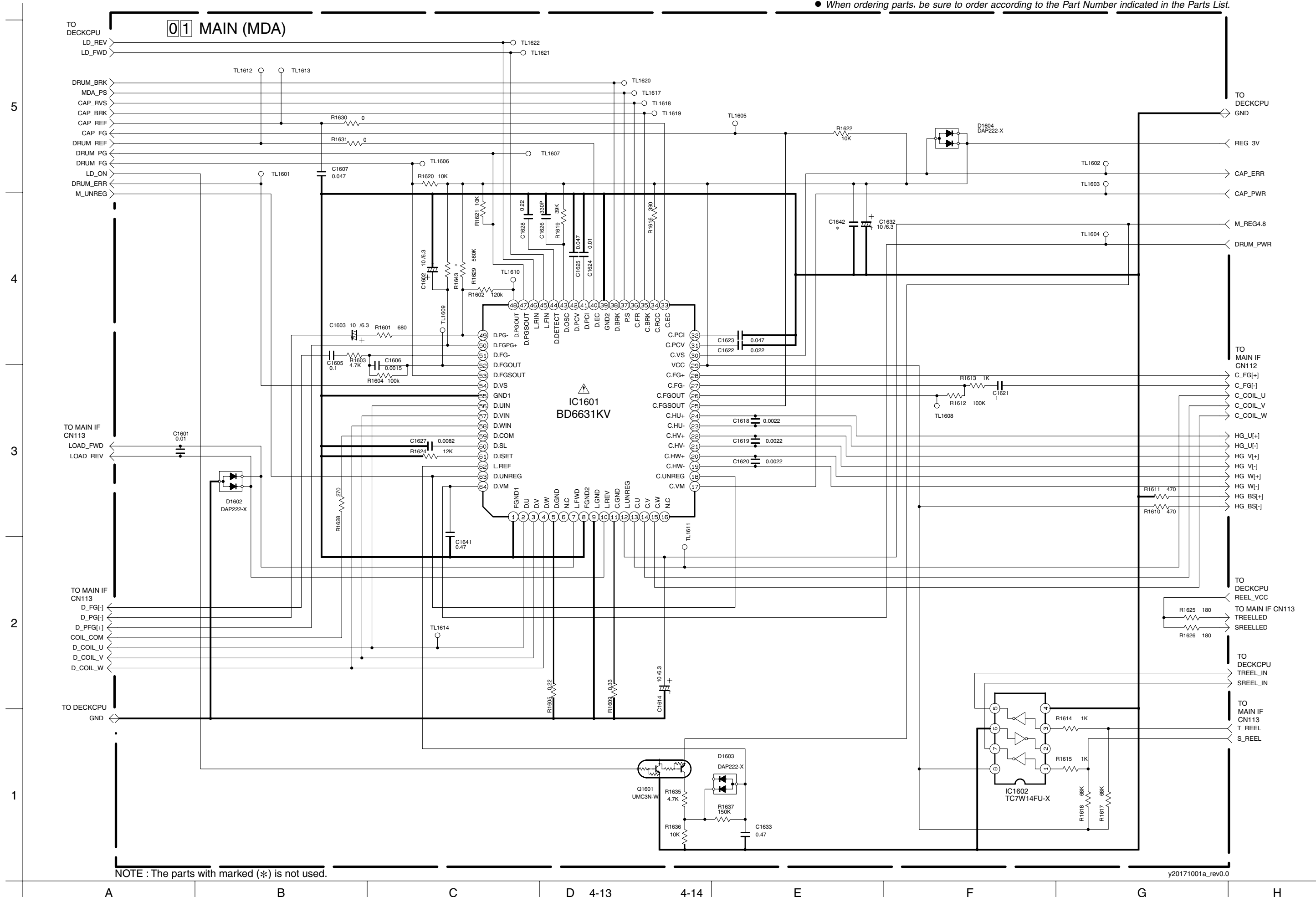
  

DV INPUT MODEL	R1425	R1426
	47k	*
NON DV INPUT MODEL	*	47k

y10251001a\_rev0.0

4.6 MDA SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

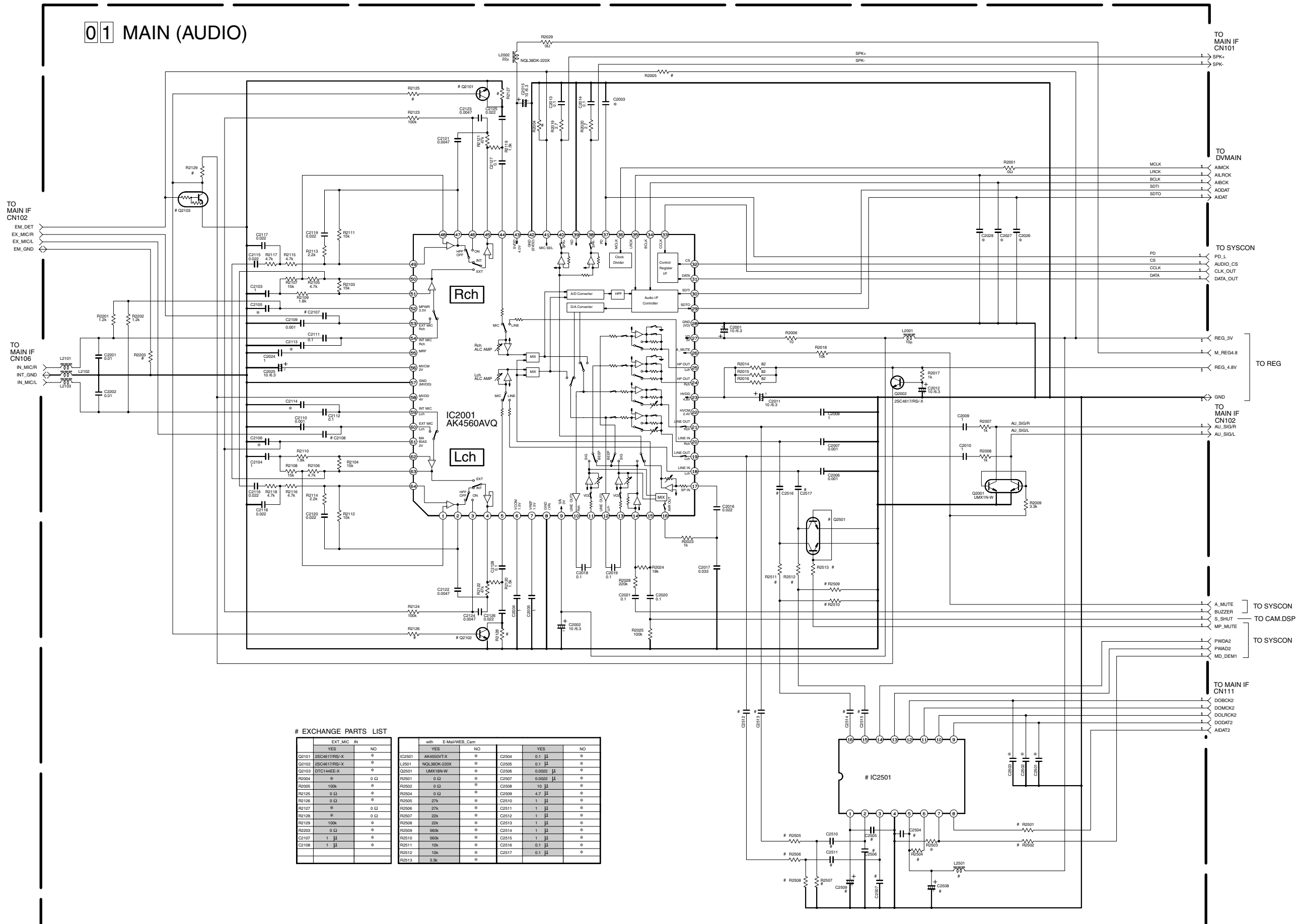


NOTE : The parts with marked (\*) is not used.



4.7 AUDIO SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



# EXCHANGE PARTS LIST

EXT_MIC IN		with E-Mail/WEB Cam			
YES	NO	YES	NO	YES	NO
Q2101	2SC4617/RS-X *	IC2501	AK4550V1-X *	C2504	0.1 μ *
Q2102	2SC4617/RS-X *	L2501	NOL380K-220K *	C2505	0.1 μ *
Q2103	DTC144EE-X *	Q2501	UMK18N-W *	C2506	0.0022 μ *
R2004	* 0 Ω	R2501	0 Ω *	C2507	0.0022 μ *
R2005	100k *	R2502	0 Ω *	C2508	10 μ *
R2125	0 Ω *	R2504	0 Ω *	C2509	4.7 μ *
R2126	0 Ω *	R2505	27k *	C2510	1 μ *
R2127	* 0 Ω	R2506	27k *	C2511	1 μ *
R2128	* 0 Ω	R2507	22k *	C2512	1 μ *
R2129	100k *	R2508	22k *	C2513	1 μ *
R2203	0 Ω *	R2509	560k *	C2514	1 μ *
C2107	1 μ *	R2510	560k *	C2515	1 μ *
C2108	1 μ *	R2511	10k *	C2516	0.1 μ *
		R2512	10k *	C2517	0.1 μ *
		R2513	3.3k *		

NOTE : The parts with marked (\*) is not used.

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A

B

C

D 4-15

E 4-16

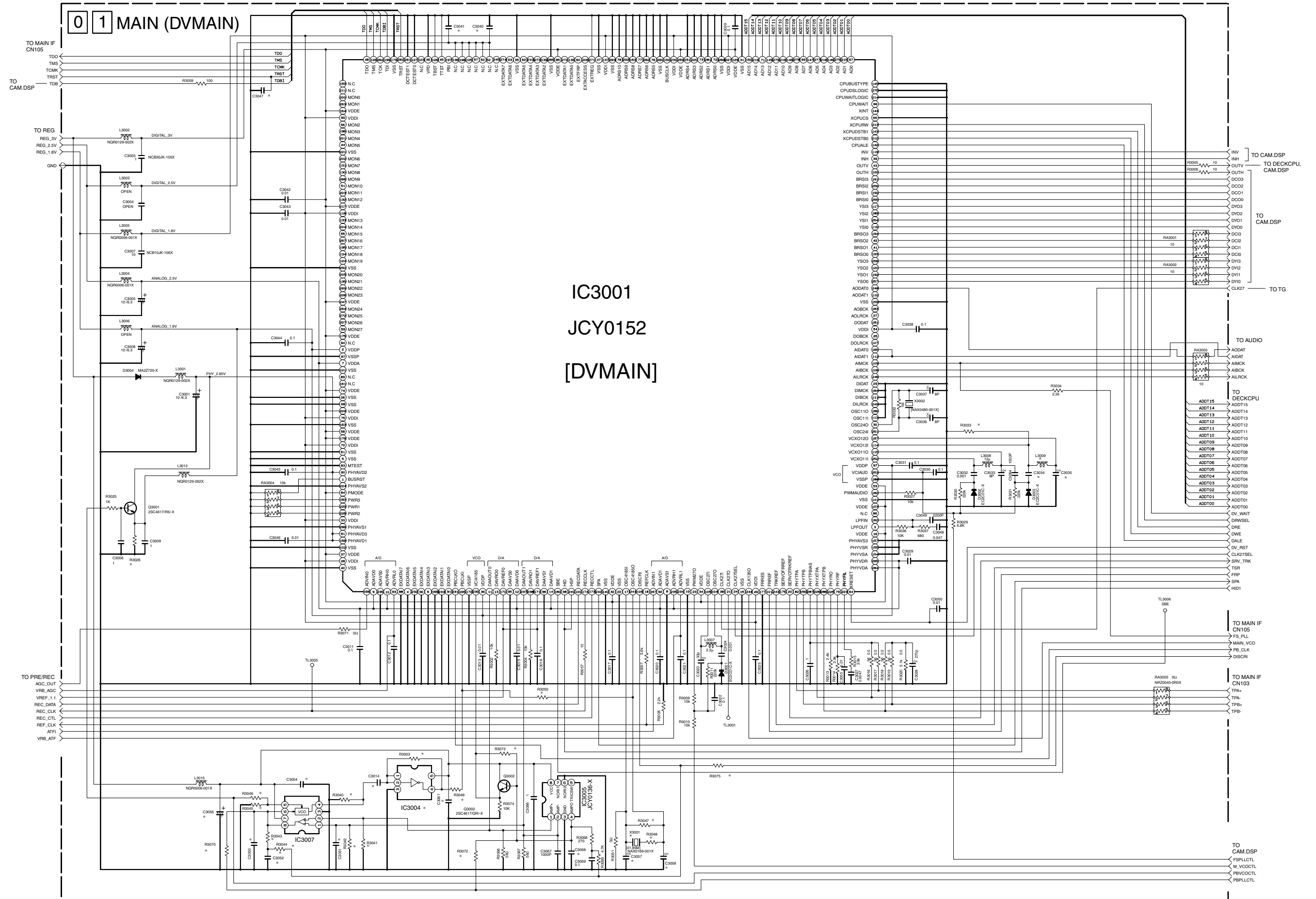
F

G

H

4.8 DVMAIN SCHEMATIC DIAGRAM

- NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

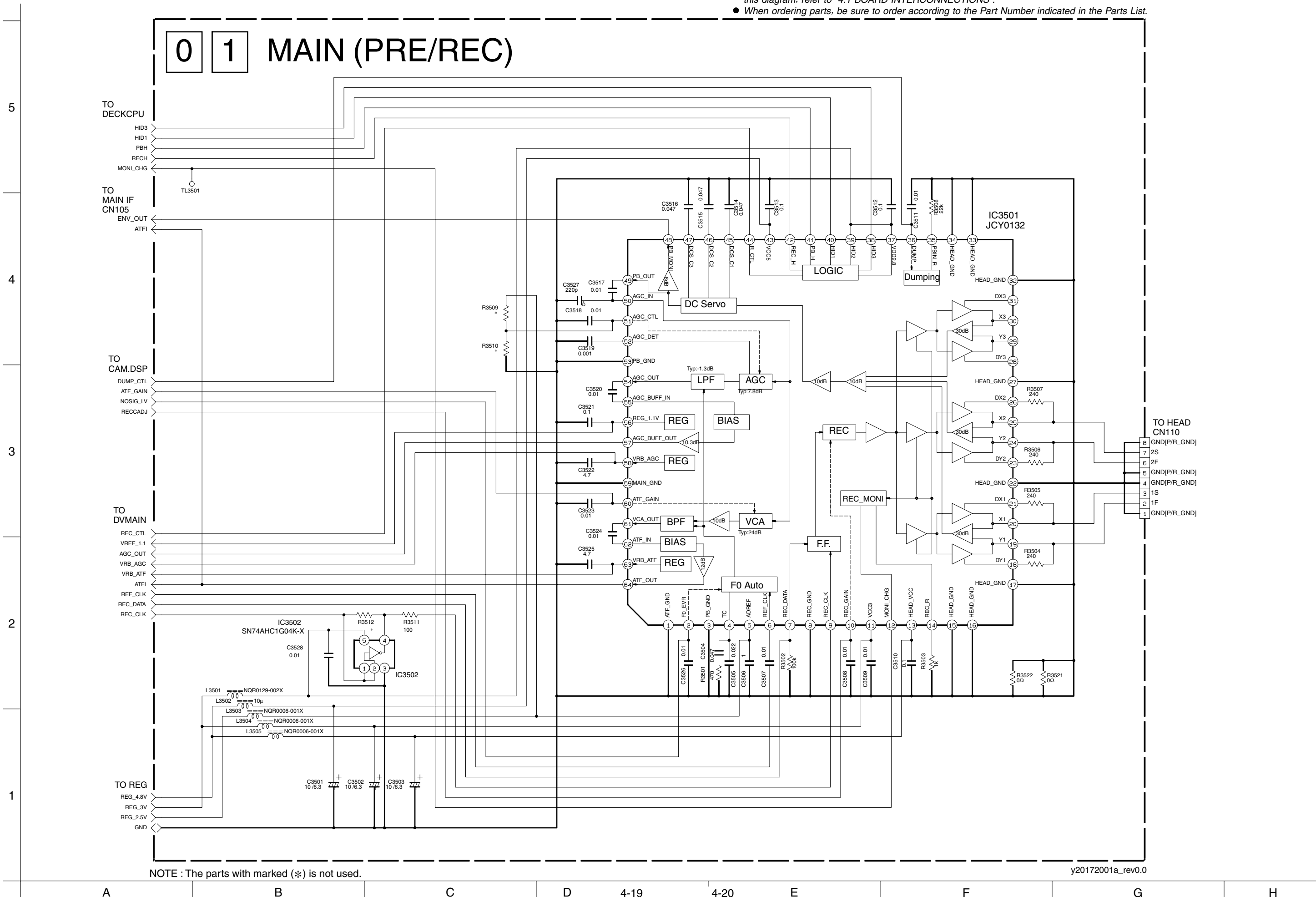


IC3001  
JCY0152  
[DVMAIN]

NOTE : The parts with marked (\*): is not used.

4.9 PRE/REC SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



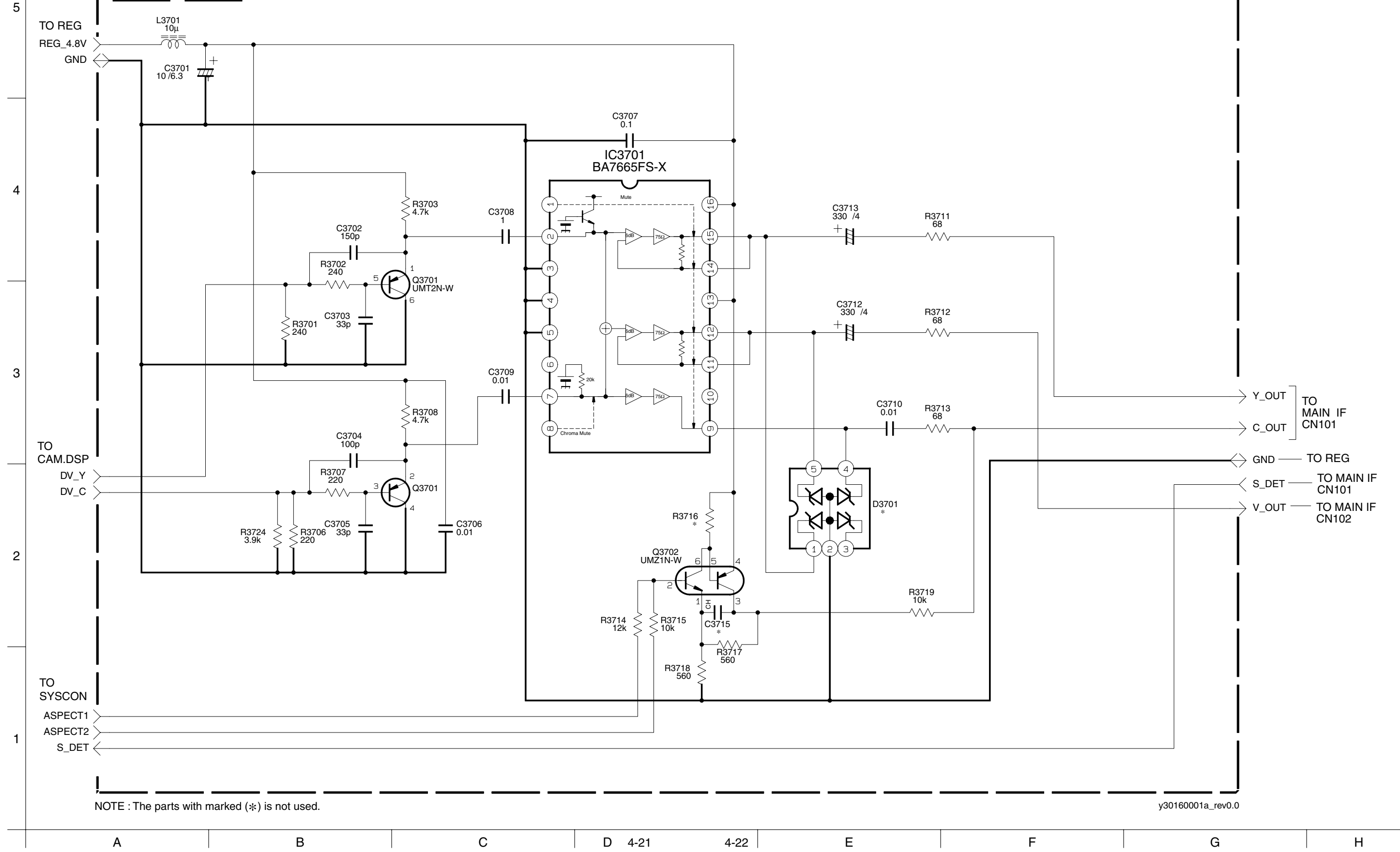
NOTE : The parts with marked (\*) is not used.

y20172001a\_rev0.0

4.10 V OUT SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

# 0 1 MAIN (V OUT)

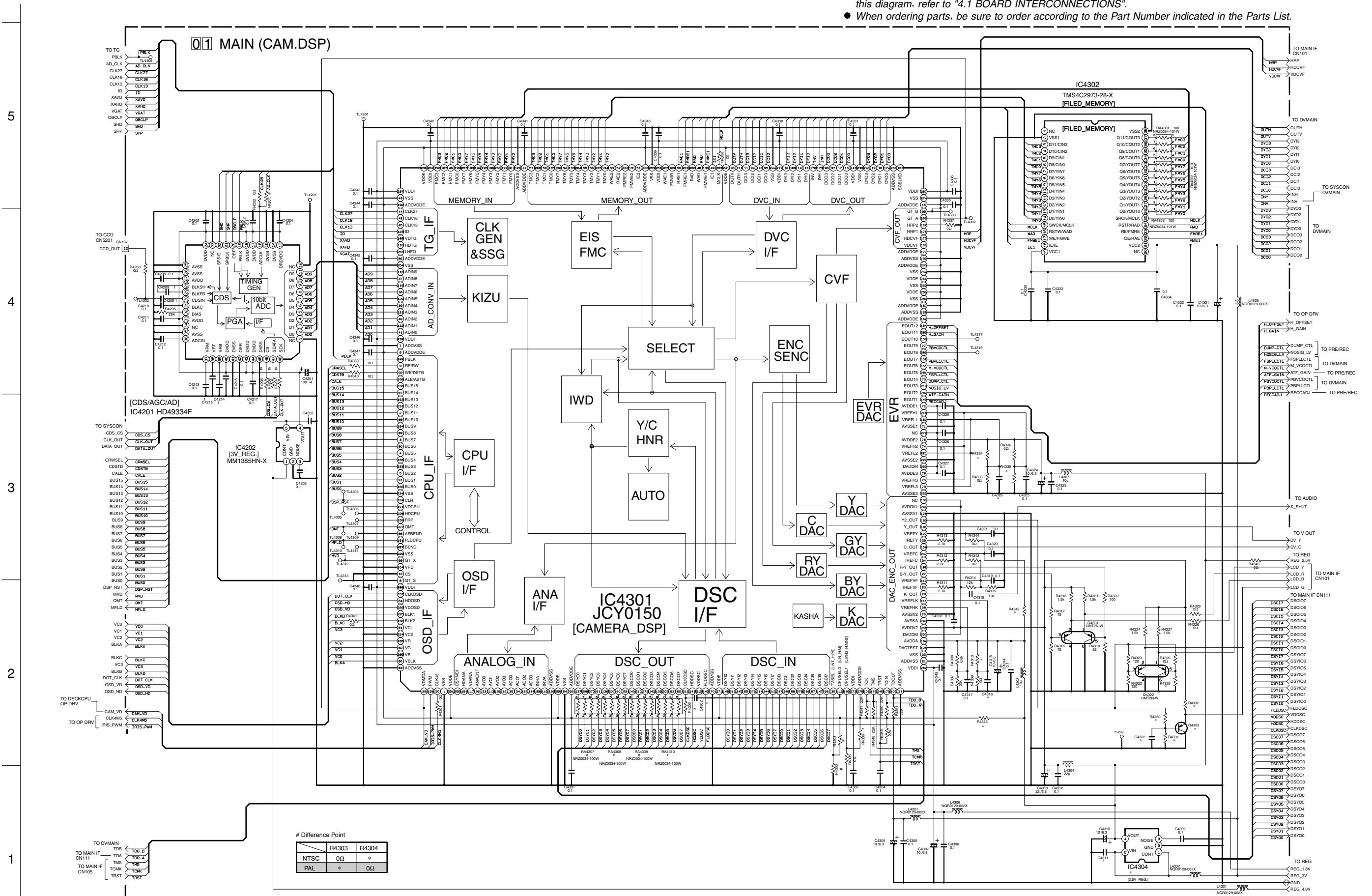


NOTE : The parts with marked (\*) is not used.

y30160001a\_rev0.0

4.11 CAM.DSP SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\* ) is not used.

# Difference Point

	R4303	R4304
NTSC	Ω	*
PAL	*	Ω

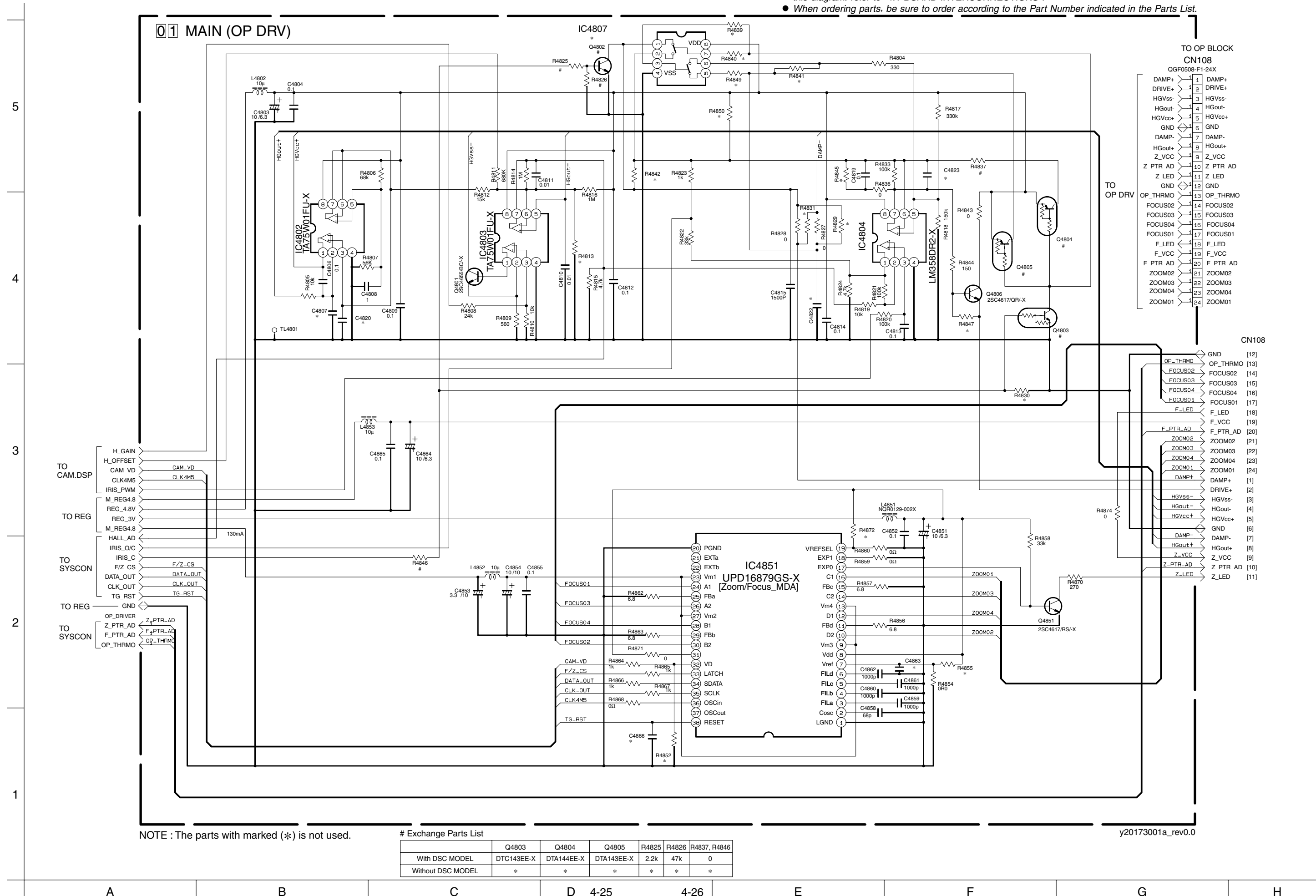
# Exchange Parts List

	RA4307-RA4310	R4302
With DSC MODEL	10	22
Without DSC MODEL	*	*

y10254001a\_rev0.0

4.12 OP DRV SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\*) is not used.

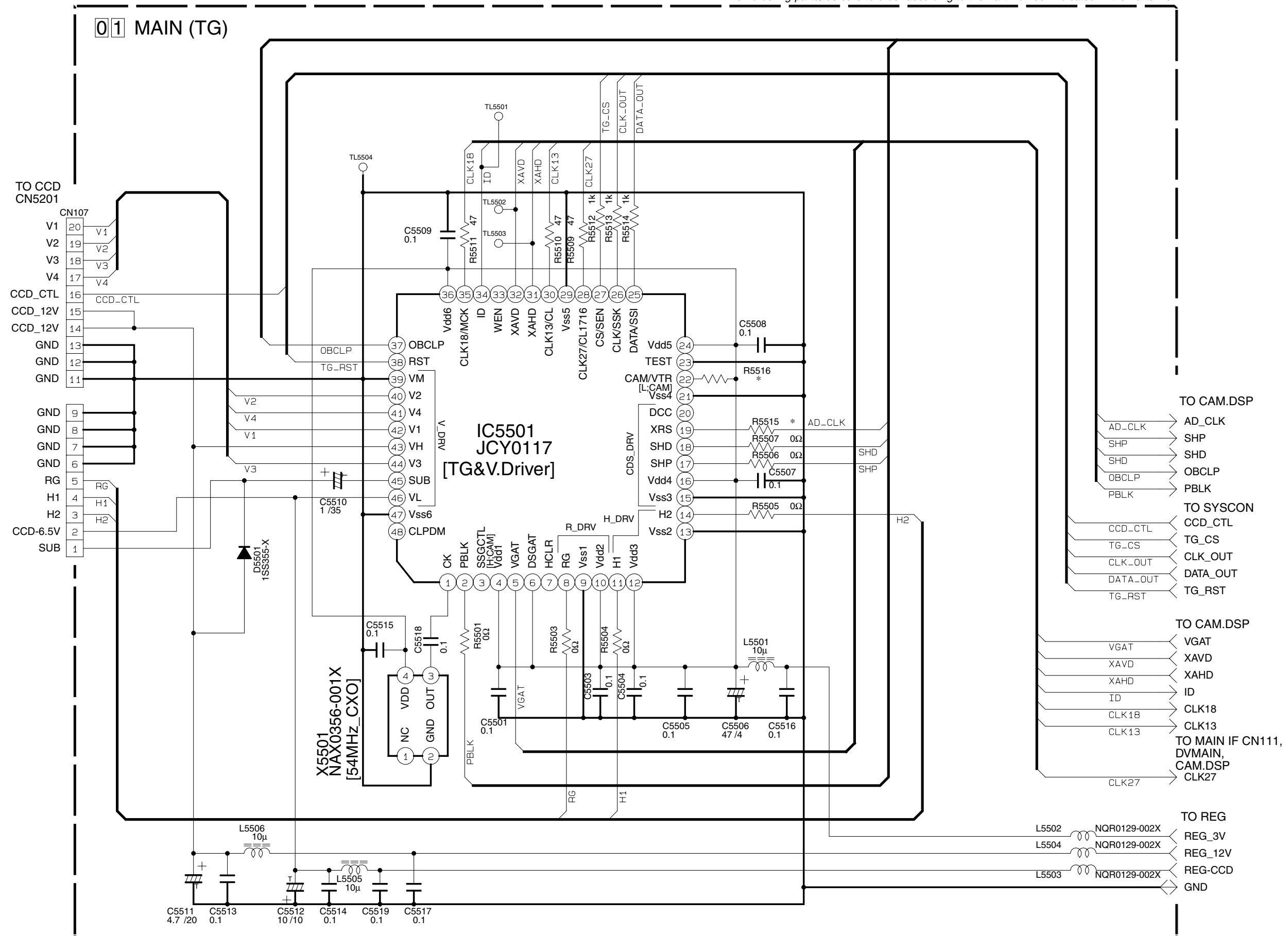
# Exchange Parts List

	Q4803	Q4804	Q4805	R4825	R4826	R4837, R4846
With DSC MODEL	DTC143EE-X	DTA144EE-X	DTA143EE-X	2.2k	47k	0
Without DSC MODEL	*	*	*	*	*	*

y20173001a\_rev0.0

4.13 TG SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

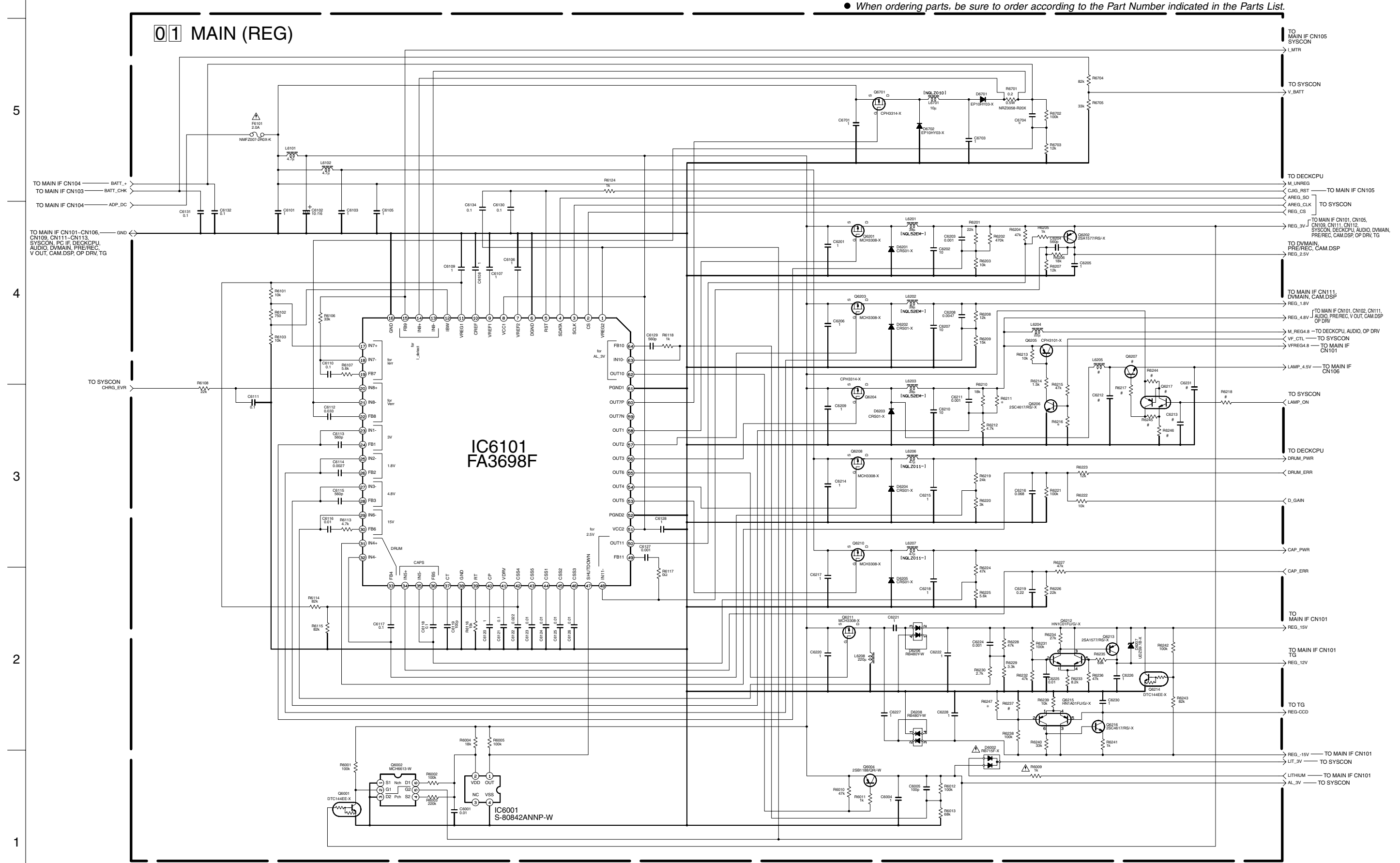


NOTE : The parts with marked (\*) is not used.

y30161001a\_rev0.0

4.14 REGULATOR SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\*): is not used.

# EXCHANGE PARTS LIST

	L6205	Q6207	Q6217	R6217	R6218	R6244	R6245	R6246	C6212	C6213	C6231
With DC LIGHT	22 $\mu$	2SD244K-X	UMZ1N-W	150	100k	1.5k	5.6k	2.2k	1	1	0.01
Without DC LIGHT	open	open	open	open	open	open	open	open	open	open	open

	R6237
680k CCD	75k
Mega CCD	82k

y10255001a\_rev0.0



4.15 MONITOR SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

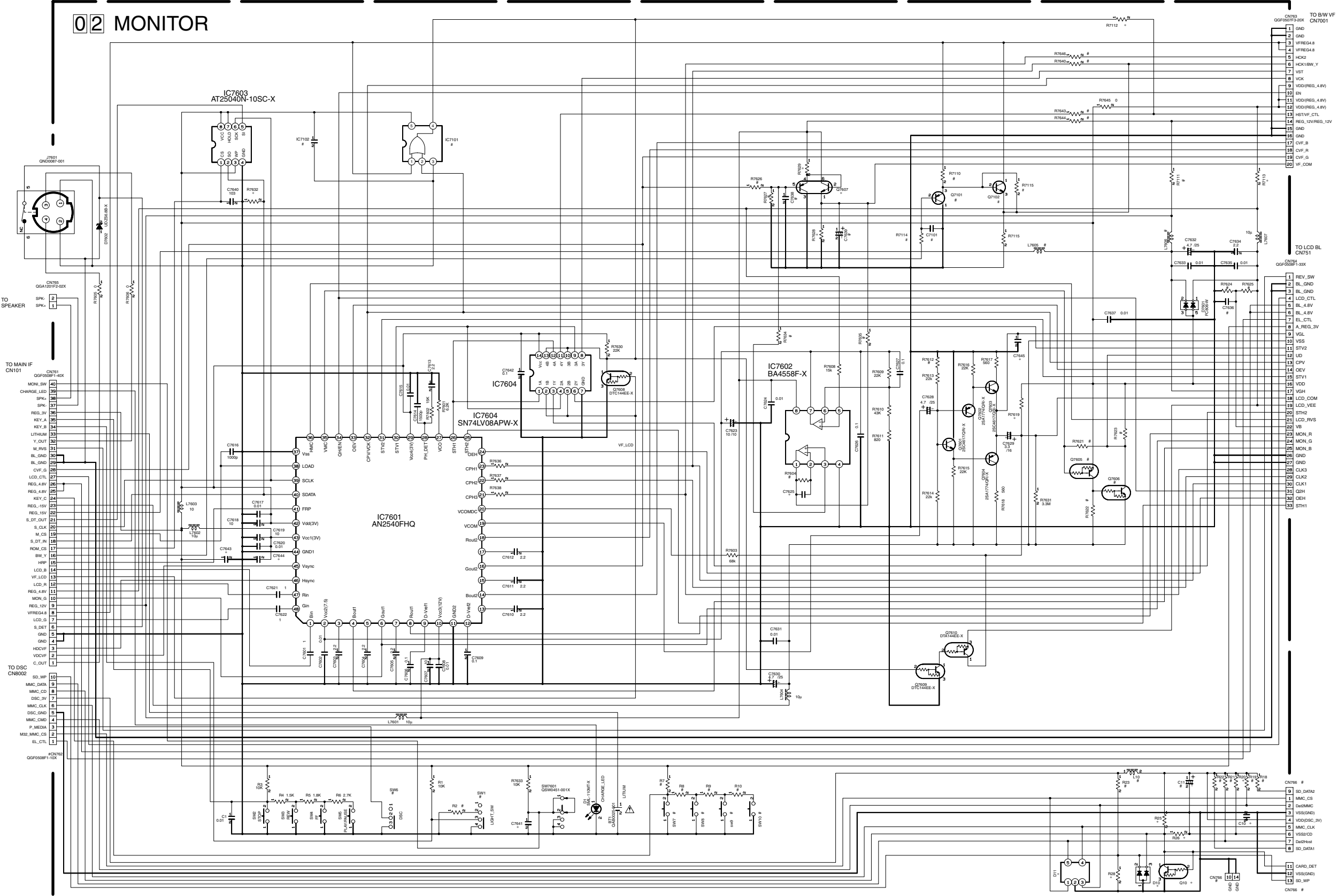
5

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1



NOTE : The parts with marked (\*) is not used.

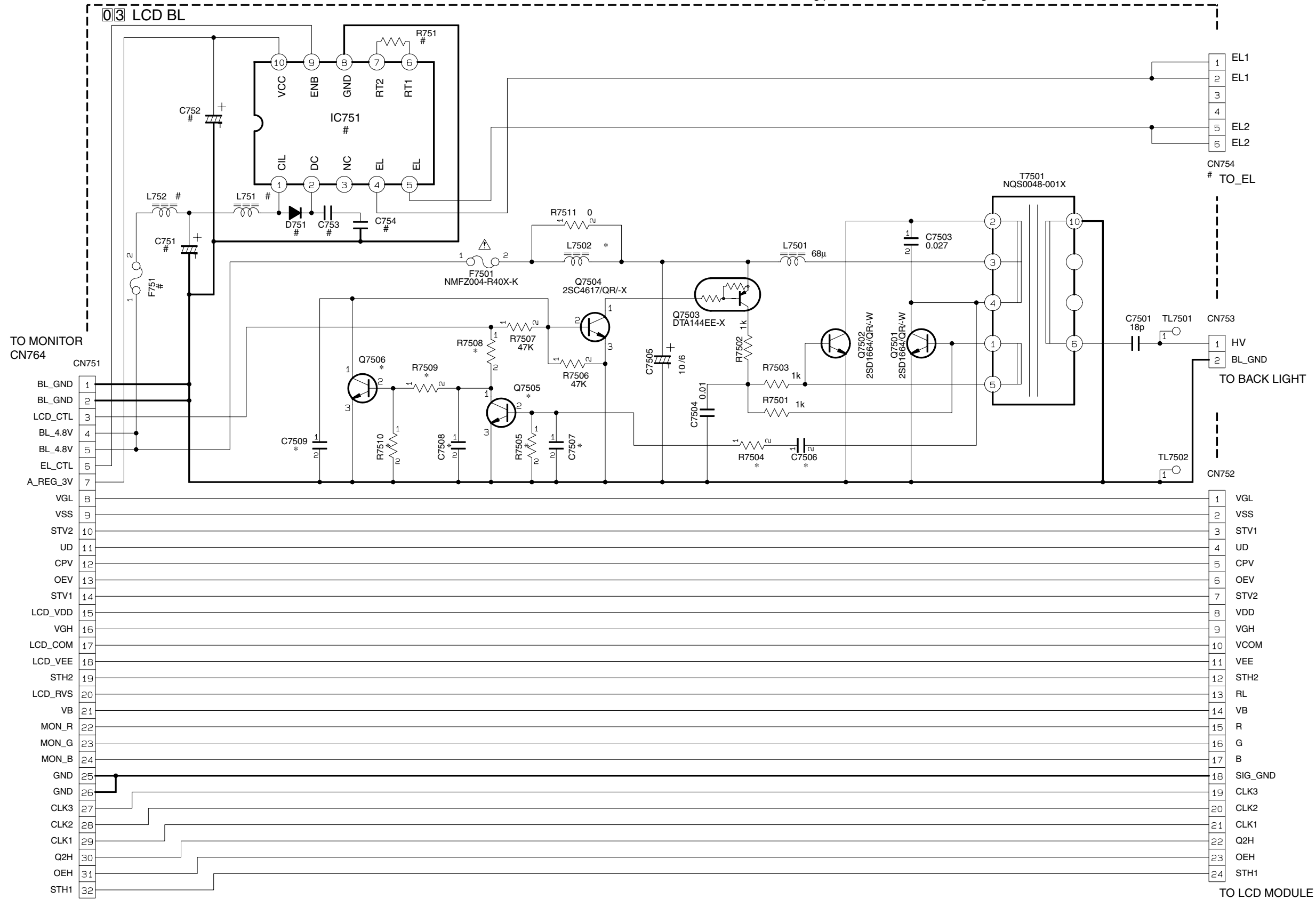
# Exchange Parts List

	Q7603	Q7606	L7605	L7606	R7612	R7621	R7622	R7623	R7624	R7625	C7606		CN702	CN706	SW1	SW7	SW8	SW9	SW10	R7	R8	R9	R10	R11	R12	R21	R22	R23	C11	L10		SW11	SW2			
2.5inch MODEL	+	+	+	+	10 $\mu$	22K	0	+	+	+	+																									
3.5inch MODEL	+	+	+	+	10 $\mu$	6.8K	+	22K	22K	22K	0.1																									

y10256001a\_rev0.0

4.16 LCD BL SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\*) is not used.

# Exchange Prats List

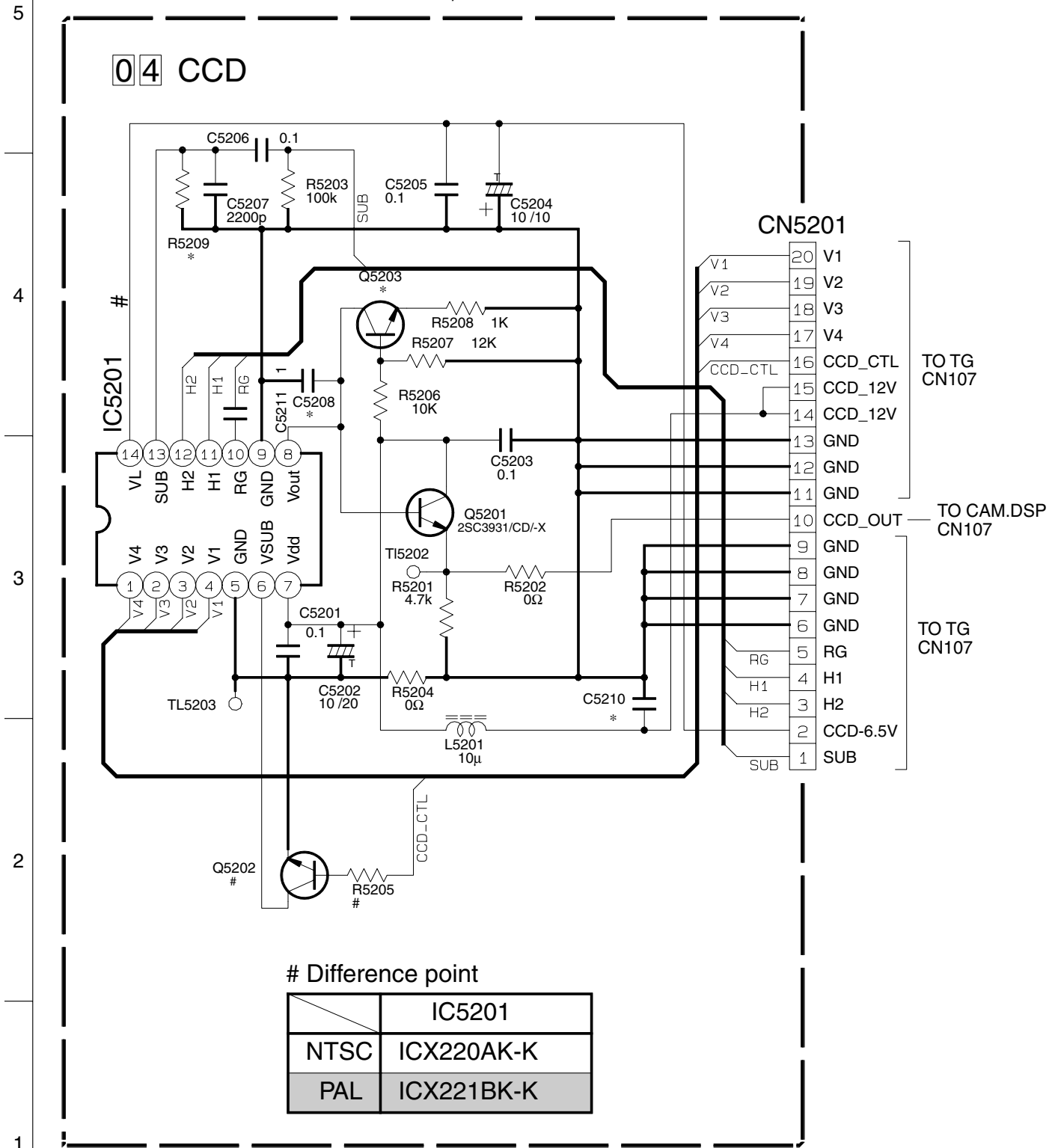
	IC751	D751	L751	L752	R751	C751	C752	C753	C754	CN754	F751
With EL MODEL	MIP805-X	1SS376-X	680	10	100K	10/6	10/6	2200p	2200p	QGFO505F2-06X	NMFZ007-R40X-K
Without EL MODEL	*	*	*	*	*	*	*	*	*	*	*

y30162001a\_rev0.0

## 4.17 CCD SCHEMATIC DIAGRAM

- NOTES :
- For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
  - When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

- IC5201 is incorporated in the CCD base assembly. When IC5201 needs replacement, replace the CCD base assembly in whole because it cannot be replaced alone.



NOTE : The parts with marked (\*) is not used.

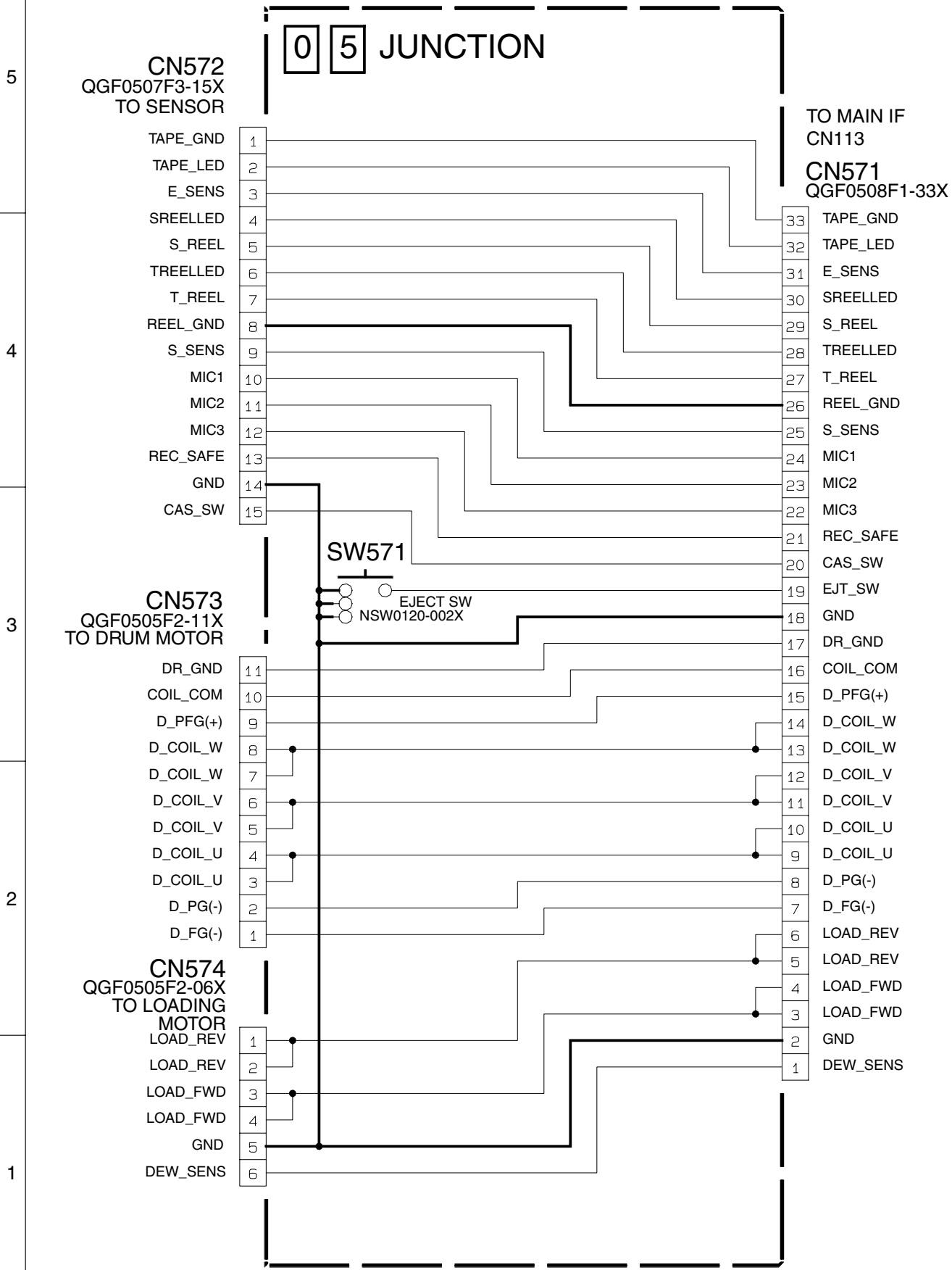
y30163001a\_rev0.0

# Exchange Parts List

	Q5202	R5202
With DSC MODEL	2SC4081/RS-X	4.7K
Without DSC MODEL	*	*

# 4.18 JUNCTION SCHEMATIC DIAGRAM

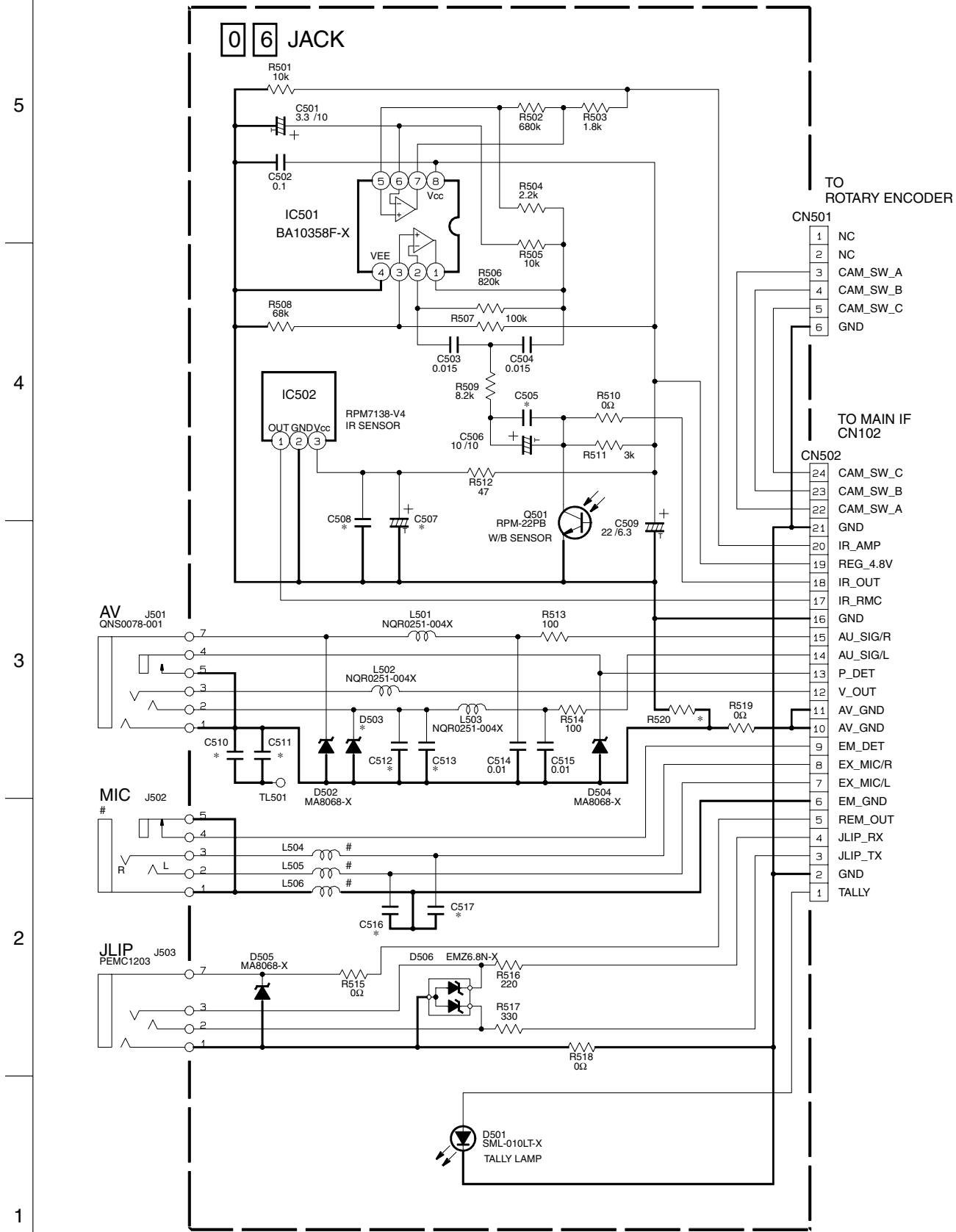
- NOTES :
- For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
  - When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



y40093001a\_rev0.0

#### 4.19 JACK SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\*) is not used.

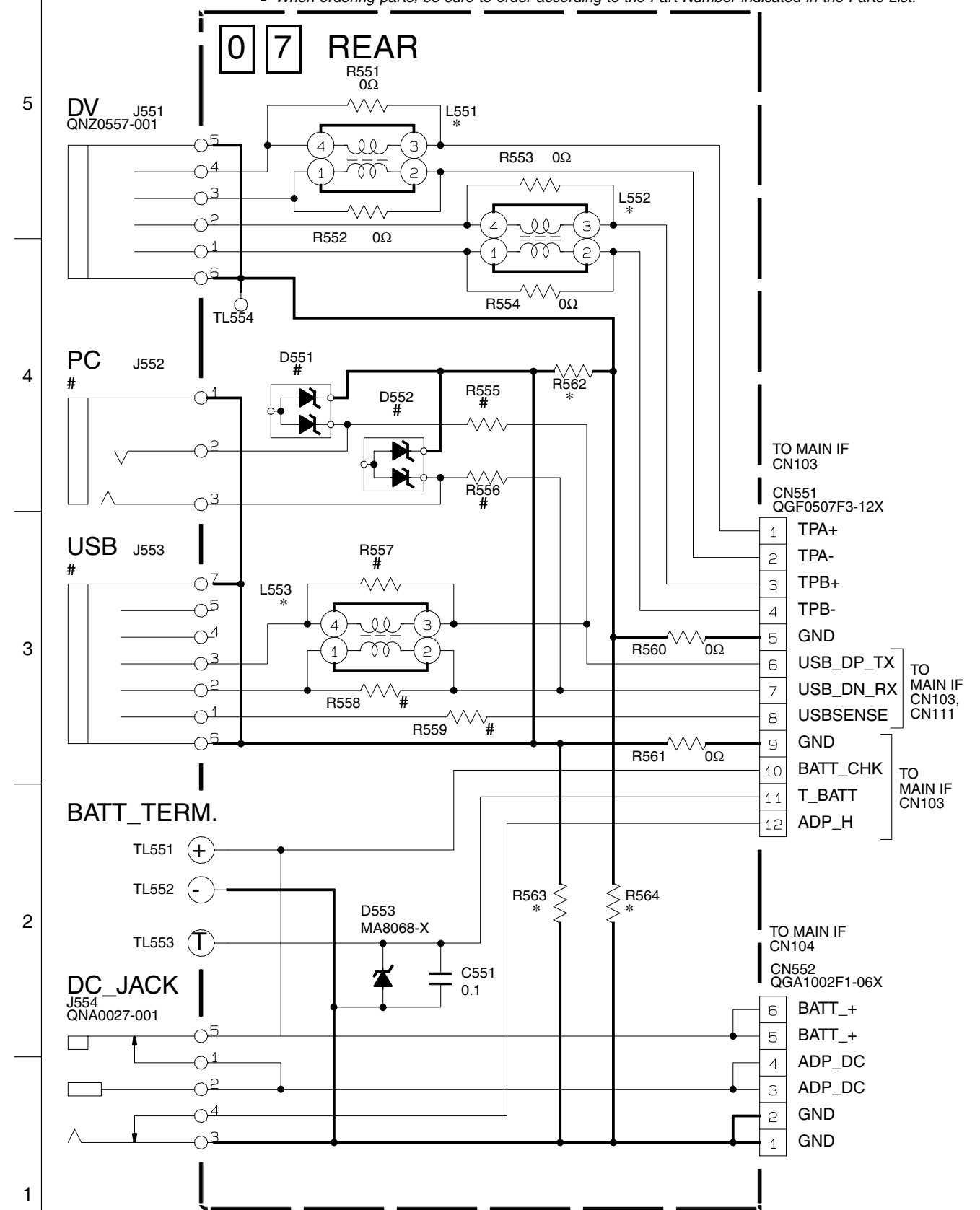
# EXCHANGE PARTS LIST

	J502	L504 ~ L506
Without MIC JACK	*	*
With MIC JACK	QNS0005-001	NQR0251-004X

y40092001a\_rev0.0

#### 4.20 REAR SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTE : The parts with marked (\*) is not used.

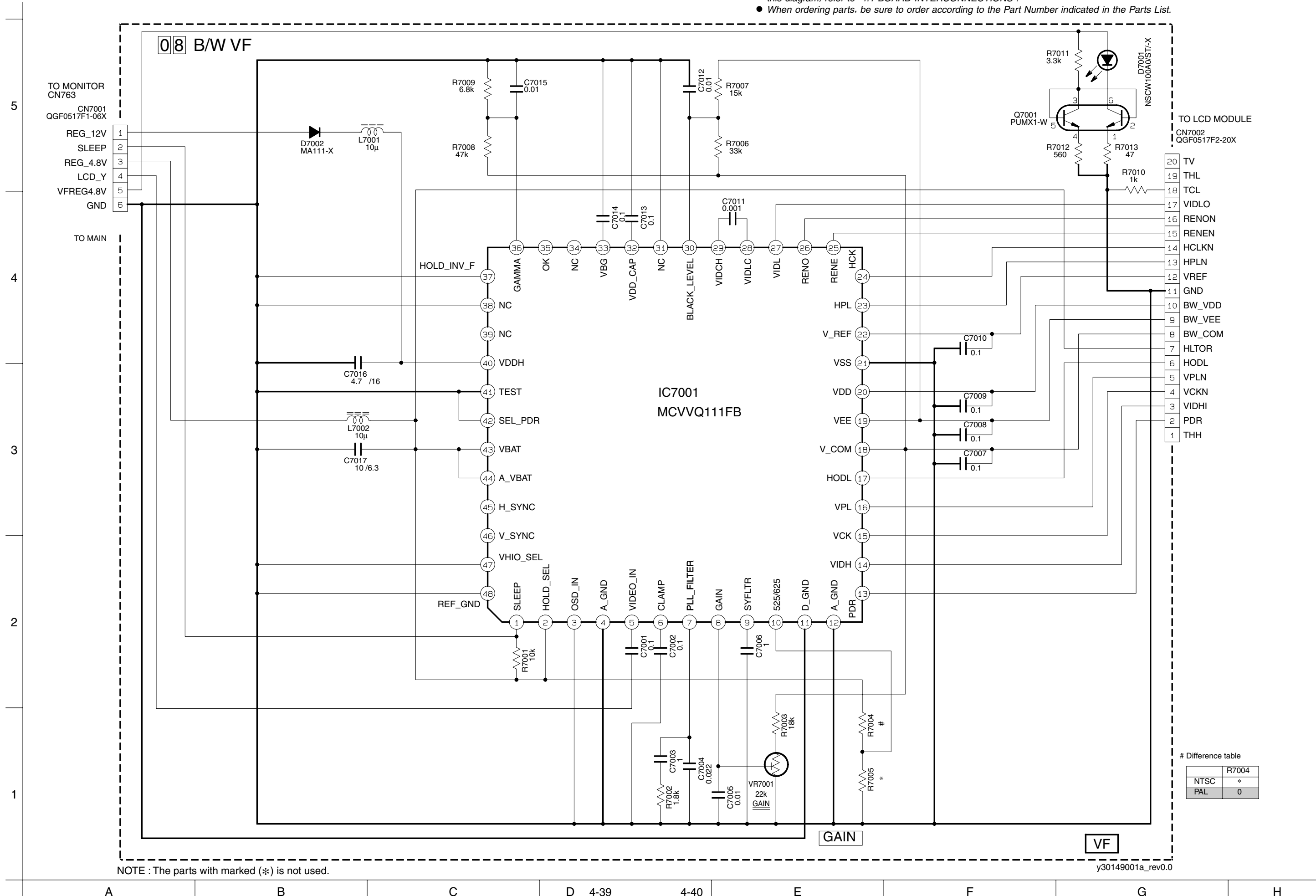
# EXCHANGE PARTS LIST

	J552	J553	R555, R556	R557-R559	D551, D552
Without DSC MODEL	QNS0152-001	*	330	*	EMZ6.8N-X
With DSC MODEL	*	QNZ0497-001	*	0W	*

y40094001a\_rev0.0

4.21 B/W VF SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



- 20 TV
- 19 THL
- 18 TCL
- 17 VIDLO
- 16 RENON
- 15 RENEN
- 14 HCLKN
- 13 HPLN
- 12 VREF
- 11 GND
- 10 BW\_VDD
- 9 BW\_VEE
- 8 BW\_COM
- 7 HLTOR
- 6 HODL
- 5 VPLN
- 4 VCKN
- 3 VIDHI
- 2 PDR
- 1 THH

# Difference table

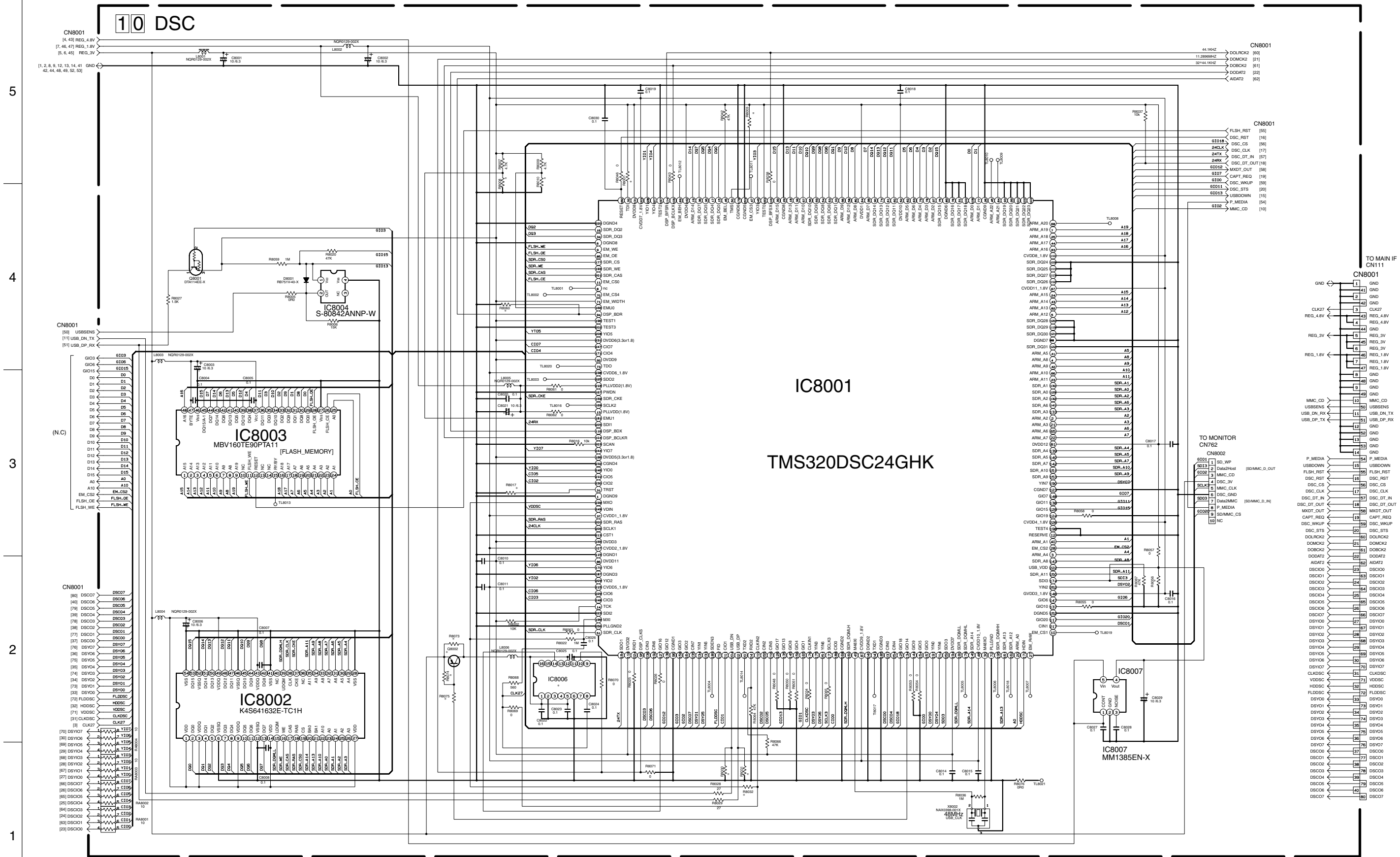
	R7004
NTSC	*
PAL	0

NOTE : The parts with marked (\*) is not used.

y30149001a\_rev0.0

4.22 DSC SCHEMATIC DIAGRAM [DVL520/DVL522/DVL720]

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

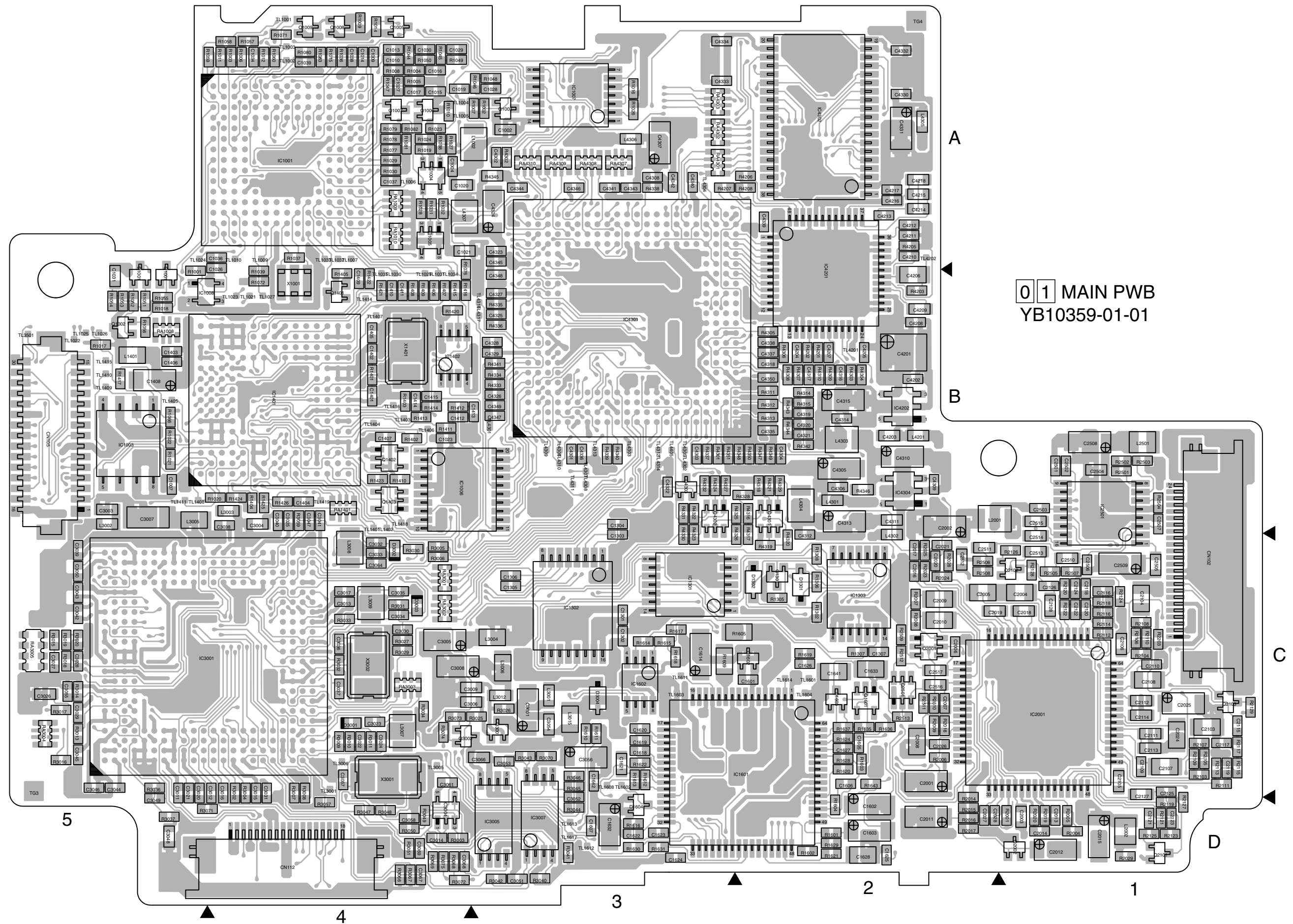


NOTE : The parts with marked (\*) is not used.

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4.23 MAIN CIRCUIT BOARD [DVL220/DVL320/DVL520]

FOIL SIDE(B)



0 1 MAIN PWB  
YB10359-01-01



COMPONENT PARTS LOCATION GUIDE <MAIN/YB10359-01-01>

(1/2)

Table with columns for REF.NO., LOCATION, REF.NO., LOCATION, REF.NO., LOCATION, REF.NO., LOCATION, REF.NO., LOCATION, REF.NO., LOCATION, REF.NO., LOCATION. It lists various components like CAPACITOR, COIL, CONNECTOR, DIODE, FUSE, IC, RESISTOR, and TRANSISTOR with their respective reference numbers and locations.

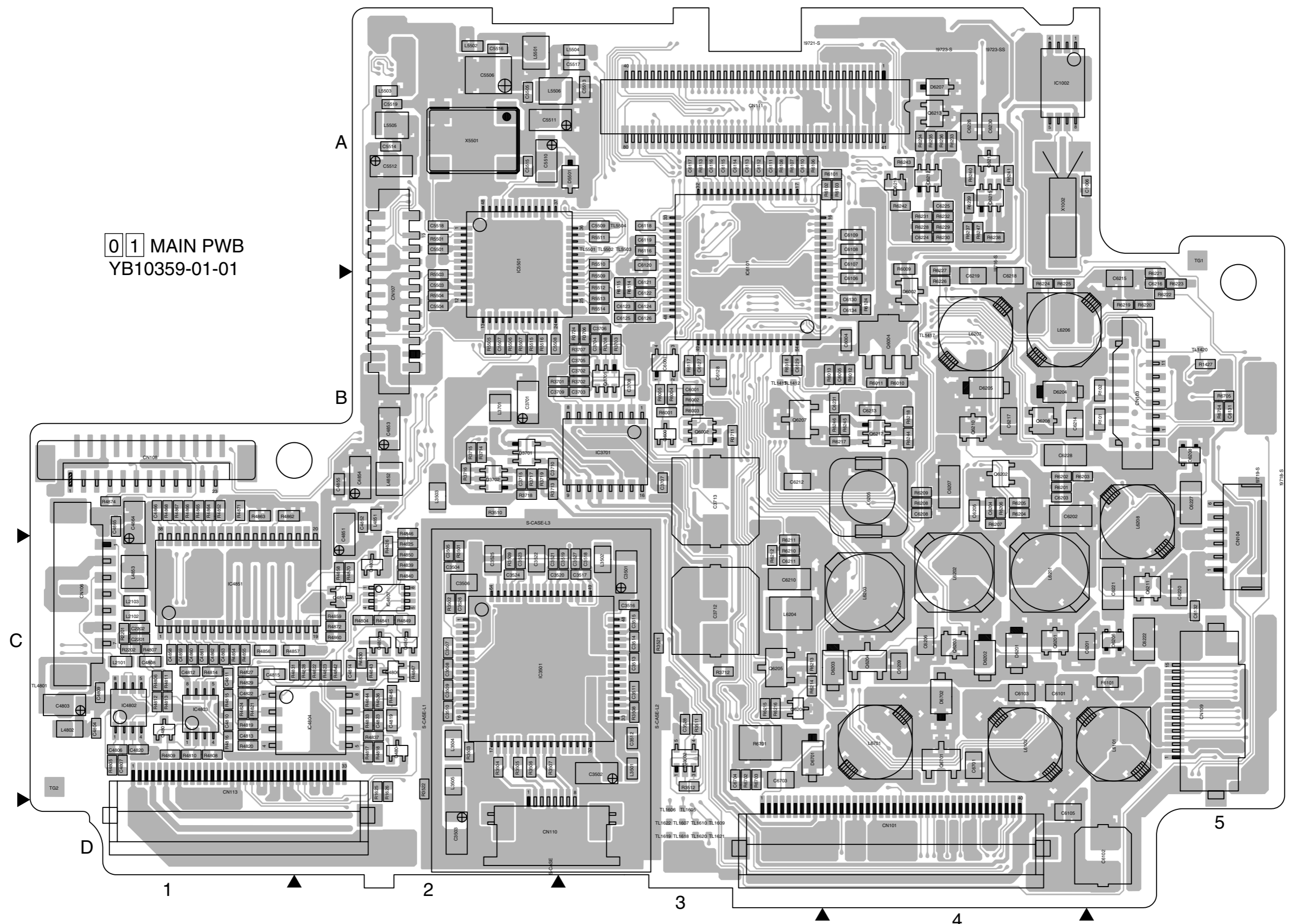
COMPONENT PARTS LOCATION GUIDE <MAIN/YB10359-01-01>

(2/2)

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	
R1055	B C 5B	R2009	B C 2C	R3036	B C 5C	R4321	B C 2B	R4864	A C 1B	R6238	A C 4A	TL1609	A C 3D	
R1056	B C 5B	R2014	B C 2D	R3037	B C 5D	R4322	B C 3B	R4865	A C 1B	R6239	A C 4A	TL1610	A C 3D	
R1057	B C 4A	R2015	B C 2D	R3040	B C 3D	R4323	B C 3C	R4866	A C 1B	R6240	A C 4A	TL1611	B C 3C	
R1058	B C 4A	R2016	B C 2D	R3041	B C 3D	R4324	B C 3B	R4867	A C 1B	R6241	A C 4A	TL1612	B C 3D	
R1059	B C 4A	R2017	B C 2D	R3042	B C 3D	R4325	B C 2B	R4868	A C 1B	R6242	A C 4A	TL1613	B C 3D	
R1060	B C 4A	R2018	B C 2C	R3043	B C 3C	R4326	B C 2C	R4870	A C 2C	R6243	A C 4A	TL1614	B C 2C	
R1066	B C 5B	R2019	B C 1D	R3044	B C 3D	R4327	B C 3B	R4871	A C 1B	R6244	A C 4B	TL1617	B C 3D	
R1071	B C 4A	R2020	B C 1D	R3045	B C 3C	R4328	B C 2B	R4872	A C 2C	R6245	A C 4B	TL1618	A C 3D	
R1072	B C 4B	R2023	B C 2C	R3046	B C 3C	R4329	B C 2B	R4874	A C 1B	R6246	A C 4B	TL1619	A C 3D	
R1076	B C 4B	R2024	B C 2C	R3047	B C 4D	R4330	B C 3C	R5501	A C 2A	R6247	A C 4A	TL1620	A C 3D	
R1077	B C 4A	R2025	B C 2C	R3048	B C 4D	R4331	B C 3B	R5503	A C 2B	R6701	A C 3C	TL1621	A C 3D	
R1078	B C 4A	R2028	B C 2C	R3049	B C 4D	R4332	B C 3B	R5504	A C 2B	R6702	A C 3C	TL1622	A C 3D	
R1079	B C 4A	R2029	B C 1D	R3050	B C 4D	R4333	B C 3B	R5505	A C 2B	R6703	A C 3C	TL3001	B C 4C	
R1080	B C 4A	R2103	B C 1C	R3051	B C 4D	R4334	B C 3B	R5506	A C 2B	R6704	A C 5B	TL3005	B C 4C	
R1081	B C 4A	R2104	B C 1C	R3057	B C 4D	R4335	B C 3B	R5507	A C 2B	R6705	A C 5B	TL3006	B C 4C	
R1082	B C 4A	R2105	B C 1C	R3059	B C 4B	R4336	B C 3B	R5509	A C 3B	RA1008	B C 5B	TL3501	B C 5B	
R1083	B C 4A	R2106	B C 1C	R3066	B C 4D	R4337	B C 3B	R5510	A C 3A	RA1009	B C 4A	TL4201	B C 2B	
R1302	B C 2C	R2107	B C 1C	R3067	B C 4D	R4338	B C 3A	R5511	A C 3A	RA1010	B C 4A	TL4202	B C 2A	
R1305	B C 2C	R2108	B C 1C	R3068	B C 4D	R4339	B C 3B	R5512	A C 3B	RA1401	B C 4B	TL4301	B C 3B	
R1306	B C 2C	R2109	B C 1C	R3069	B C 4D	R4340	B C 3B	R5513	A C 3B	RA3001	B C 4C	TL4302	B C 3B	
R1307	B C 2C	R2110	B C 1C	R3070	B C 3C	R4341	B C 3B	R5514	A C 3B	RA3002	B C 4C	TL4303	B C 3B	
R1308	B C 2C	R2111	B C 1C	R3071	B C 5D	R4342	B C 2B	R5515	A C 2B	RA3003	B C 4C	TL4304	B C 3A	
R1401	B C 4B	R2112	B C 1C	R3072	B C 4D	R4343	B C 2B	R5516	A C 2B	RA3004	B C 5C	TL4305	B C 3B	
R1402	B C 4B	R2113	B C 1C	R3073	B C 4C	R4344	B C 2B	R6001	A C 3B	RA3005	B C 5C	TL4306	B C 3B	
R1403	B C 4B	R2114	B C 1C	R3074	B C 4C	R4345	B C 3A	R6002	A C 3B	RA4301	B C 3A	TL4307	B C 3B	
R1404	B C 4B	R2115	B C 1C	R3075	B C 4D	R4346	B C 2B	R6003	A C 3B	RA4302	B C 3A	TL4308	B C 3B	
R1405	B C 4B	R2116	B C 1C	R3501	A C 2C	R4347	B C 2B	R6004	A C 3B	RA4303	B C 3A	TL4309	B C 3B	
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R1407	B C 4B	R2118	B C 1C	R3503	A C 2C	R4349	B C 2B	R6009	A C 4A	RA4308	B C 3A	TL4311	B C 3B	
R1408	B C 4B	R2119	B C 1D	R3504	A C 2C	R4350	B C 2B	R6010	A C 4B	RA4309	B C 3A	TL4312	B C 3B	
R1409	B C 4B	R2120	B C 1C	R3505	A C 2C	R4351	B C 3B	R6011	A C 4B	RA4310	B C 3A	TL4313	B C 3B	
R1410	B C 4B	R2121	B C 1D	R3506	A C 2C	R4804	A C 2C	R6012	A C 4B			TL4314	B C 3B	
R1411	B C 4B	R2122	B C 1C	R3507	A C 2C	R4805	A C 1C	R6013	A C 4B	OTHER			TL4316	B C 3B
R1412	B C 4B	R2123	B C 1D	R3508	A C 3C	R4806	A C 1C	R6101	A C 4A	TL1001	B C 4A	TL4317	B C 3B	
R1413	B C 4B	R2124	B C 1C	R3509	A C 2C	R4807	A C 1C	R6102	A C 4A	TL1002	B C 4A	TL4405	B C 3B	
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R1415	B C 4B	R2126	B C 1C	R3511	A C 3C	R4809	A C 1C	R6106	A C 3A	TL1004	B C 4A	TL5501	A C 3A	
R1416	B C 4B	R2127	B C 1D	R3512	A C 3C	R4810	A C 1C	R6107	A C 3A	TL1005	B C 4A	TL5502	A C 3A	
R1417	B C 5B	R2128	B C 1C	R3521	A C 3C	R4811	A C 1C	R6108	A C 3A	TL1006	B C 4A	TL5503	A C 3A	
R1420	B C 4B	R2129	B C 1C	R3522	A C 2C	R4812	A C 1C	R6113	A C 3A	TL1007	B C 4A	TL5504	A C 3A	
R1421	B C 4B	R2201	A C 1C	R3701	A C 3B	R4813	A C 1C	R6114	A C 3B	TL1009	B C 4A	TM01	A C 1?	
R1422	B C 4B	R2202	A C 1C	R3702	A C 3B	R4814	A C 1C	R6115	A C 3B	TL1010	B C 4A	TM1	A C 1?	
R1423	B C 4B	R2203	B C 1C	R3703	A C 3B	R4815	A C 1C	R6116	A C 3A	TL1021	B C 4B	TM03	A C 5?	
R1424	B C 4B	R2501	B C 1B	R3706	A C 3B	R4816	A C 1C	R6117	A C 3B	TL1022	B C 5B	TM3	A C 5?	
R1425	B C 4B	R2502	B C 1B	R3707	A C 3B	R4817	A C 2C	R6118	A C 3B	TL1023	B C 4B	X1001	A C 4B	
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R1601	B C 2D	R2505	B C 1C	R3712	A C 3C	R4820	A C 1C	R6202	A C 4B	TL1026	B C 5B	X3001	B C 4C	
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R1603	B C 2C	R2507	B C 1C	R3714	A C 2B	R4822	A C 2C	R6204	A C 4B	TL1029	B C 4B			
R1604	B C 2D	R2508	B C 2C	R3715	A C 2B	R4823	A C 2C	R6205	A C 4B	TL1030	B C 4B			
R1605	B C 2C	R2509	B C 2C	R3716	A C 2B	R4824	A C 1C	R6206	A C 4B	TL1031	B C 4B			
R1609	B C 3C	R2510	B C 2C	R3717	A C 2B	R4825	A C 2C	R6207	A C 4B	TL1032	B C 4A			
R1610	B C 3C	R2511	B C 2C	R3718	A C 2B	R4826	A C 2C	R6208	A C 4B	TL1033	B C 4A			
R1611	B C 3C	R2512	B C 2C	R3719	A C 2B	R4827	A C 1C	R6209	A C 4B	TL1034	B C 4B			
R1612	B C 3C	R2513	B C 2C	R3724	A C 3B	R4828	A C 2C	R6210	A C 3C	TL1035	B C 4B			
R1613	B C 3C	R3002	B C 4C	R4201	B C 2B	R4829	A C 1C	R6211	A C 3C	TL1401	B C 4B			
R1614	B C 3C	R3003	B C 4D	R4202	B C 2B	R4830	A C 2C	R6212	A C 3C	TL1402	B C 4B			
R1615	B C 3C	R3004	B C 4C	R4203	B C 2B	R4831	A C 2C	R6213	A C 3C	TL1403	B C 4B			
R1616	B C 3D	R3005	B C 4C	R4205	B C 2A	R4833	A C 2C	R6214	A C 3C	TL1404	B C 4B			
R1617	B C 3C	R3006	B C 4C	R4206	B C 2A	R4836	A C 2C	R6215	A C 3C	TL1405	B C 5B			
R1618	B C 3C	R3007	B C 4C	R4207	B C 3A	R4837	A C 2C	R6216	A C 3C	TL1406	B C 4B			
R1619	B C 2C	R3008	B C 4C	R4208	B C 2A	R4839	A C 2C	R6217	A C 4B	TL1407	B C 4B			
R1620	B C 2C	R3009	B C 4C	R4301	B C 3B	R4840	A C 2C	R6218	A C 4B	TL1408	B C 5B			
R1621	B C 2D	R3010	B C 4C	R4302	B C 3A	R4841	A C 2C	R6219	A C 5B	TL1409	B C 5B			
R1622	B C 3C	R3011	B C 4C	R4303	B C 2B	R4842	A C 2C	R6220	A C 5B	TL1410	B C 5B			
R1624	B C 2C	R3013	B C 5C	R4304	B C 2B	R4843	A C 2C	R6221	A C 5B	TL1411	B C 5B			
R1625	A C 2C	R3014	B C 5C	R4305	B C 2B	R4844	A C 2C	R6222	A C 5B	TL1412	A C 3B			
R1626	A C 2C	R3015	B C 5C	R4306	B C 2B	R4845	A C 2C	R6223	A C 5B	TL1413	A C 3B			
R1628	B C 2C	R3016	B C 5C	R4307	B C 2B	R4846	A C 2B	R6224	A C 4B	TL1414	B C 4B			
R1629	B C 2D	R3017	B C 5C	R4308	B C 2B	R4847	A C 2C	R6225	A C 4B	TL1415	B C 5B			
R1630	B C 3D	R3018	B C 5C	R4309	B C 2B	R4849	A C 2C	R6226	A C 4B	TL1416	B C 4B			
R1631	B C 3D	R3019	B C 5C	R4310	B C 2B	R4850	A C 2C	R6227	A C 4A	TL1417	A C 4B			
R1635	B C 2C	R3020	B C 5C	R4311	B C 2B	R4852	A C 1B	R6228	A C 4A	TL1418	B C 4B			
R1636	B C 2C	R3025	B C 3C	R4312	B C 2B	R4854	A C 1C	R6229	A C 4A	TL1419	B C 4B			
R1637	B C 2C	R3026	B C 3C	R4313	B C 2B	R4855	A C 1C	R6230	A C 4A	TL1420	A C 5B			
R1643	B C 2C	R3027	B C 4C	R4314	B C 2B	R4856	A C 1C	R6231	A C 4A	TL1601	B C 2C			
R2001	B C 1D	R3029	B C 4C	R4315	B C 2B	R4857	A C 2C	R6232	A C 4A	TL1602	B C 3C			
R2004	B C 1D	R3030	B C 4C	R4316	B C 2B	R4858	A C 2C	R6233	A C 4A	TL1603	B C 3C			
R2005	B C 1D	R3031	B C 4C	R4317	B C 2C	R4859	A C 2C	R6234	A C 4A	TL1604	B C 2C			
R2006	B C 2C	R3032	B C 4C	R4318	B C 2B	R4860	A C 2C	R6235	A C 4A	TL1605	A C 3D			
R2007	B C 2C	R3033	B C 4C	R4319	B C 2C	R4862	A C 1B	R6236	A C 4A	TL1606	A C 3D			
R2008	B C 2C	R3034	B C 4C	R4320	B C 2C	R4863	A C 1B	R6237	A C 4A	TL1607	A C 3D			
										TL1608	B C 3C			

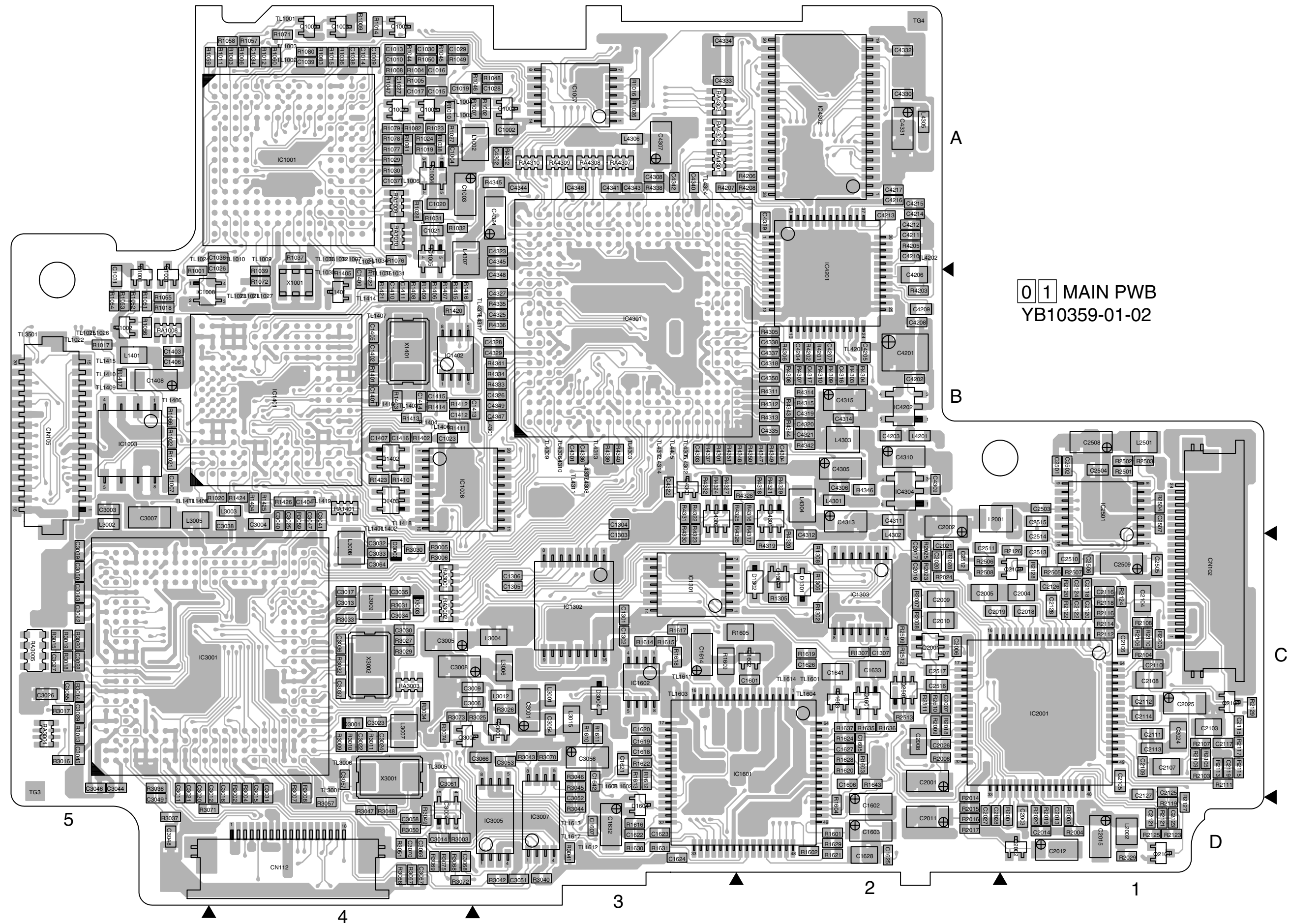
COMPONENT SIDE(A)

01 MAIN PWB  
YB10359-01-01



4.24 MAIN CIRCUIT BOARD [DVL522/DVL720]

FOIL SIDE(B)





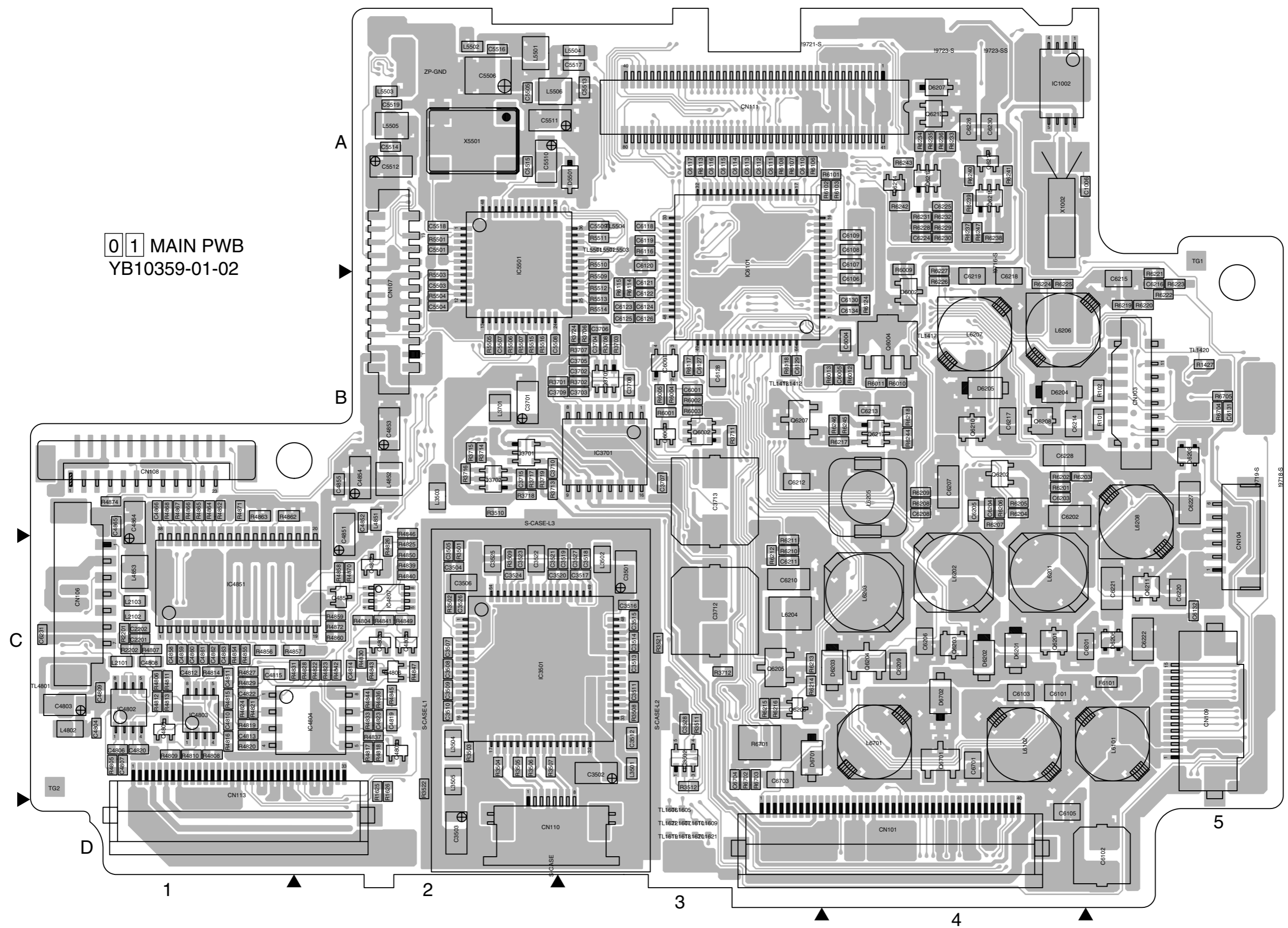
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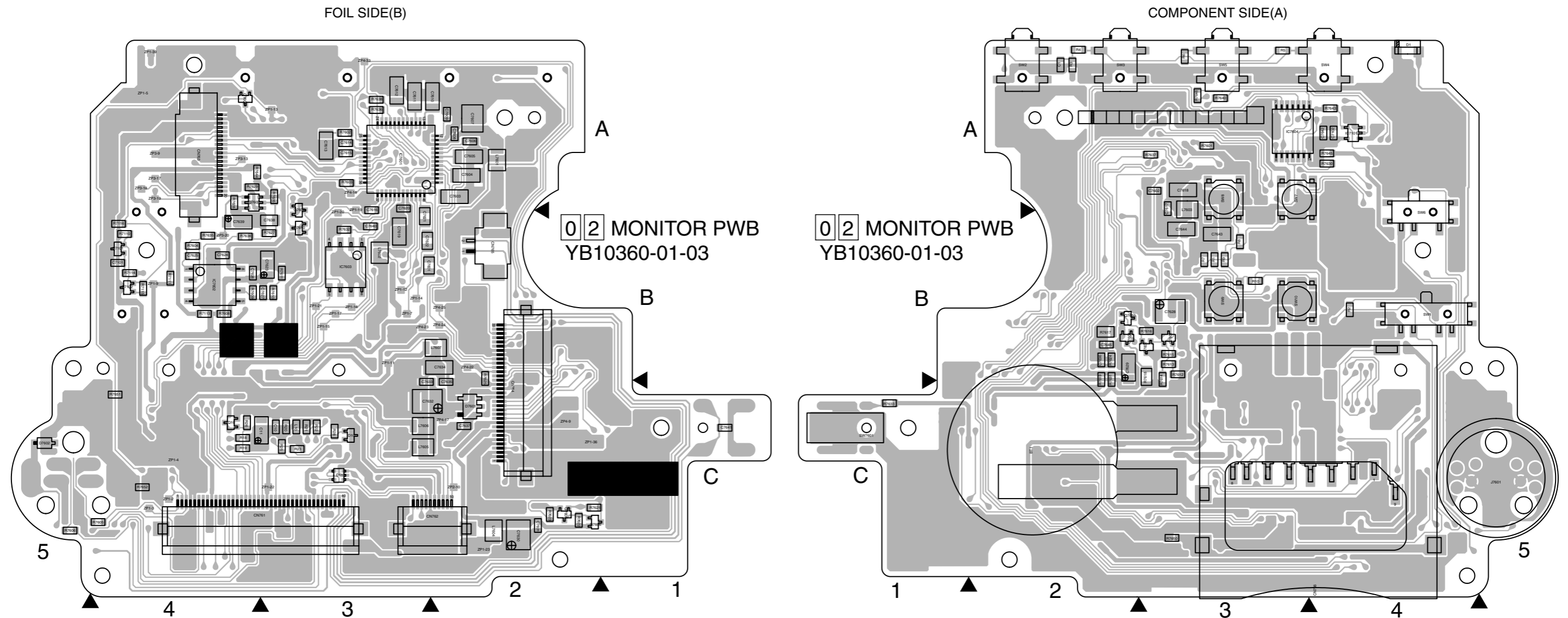
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R1054	B C 5B	R2008	B C 2C	R3034	B C 4C	R4320	B C 2C	R4863	A C 1B	R6237	A C 4A	TL1608	B C 3C	
R1055	B C 5B	R2009	B C 2C	R3036	B C 5C	R4321	B C 2B	R4864	A C 1B	R6238	A C 4A	TL1609	A C 3D	
R1056	B C 5B	R2014	B C 2D	R3037	B C 5D	R4322	B C 3B	R4865	A C 1B	R6239	A C 4A	TL1610	A C 3D	
R1057	B C 4A	R2015	B C 2D	R3040	B C 3D	R4323	B C 3C	R4866	A C 1B	R6240	A C 4A	TL1611	B C 3C	
R1058	B C 4A	R2016	B C 2D	R3041	B C 3D	R4324	B C 3B	R4867	A C 1B	R6241	A C 4A	TL1612	B C 3D	
R1059	B C 4A	R2017	B C 2D	R3042	B C 3D	R4325	B C 2B	R4868	A C 1B	R6242	A C 4A	TL1613	B C 3D	
R1060	B C 4A	R2018	B C 2C	R3043	B C 3C	R4326	B C 2C	R4870	A C 2C	R6243	A C 4A	TL1614	B C 2C	
R1066	B C 5B	R2019	B C 1D	R3044	B C 3D	R4327	B C 3B	R4871	A C 1B	R6244	A C 4B	TL1617	B C 3D	
R1071	B C 4A	R2020	B C 1D	R3045	B C 3C	R4328	B C 2B	R4872	A C 2C	R6245	A C 4B	TL1618	A C 3D	
R1072	B C 4B	R2023	B C 2C	R3046	B C 3C	R4329	B C 2B	R4874	A C 1B	R6246	A C 4B	TL1619	A C 3D	
R1076	B C 4A	R2024	B C 2C	R3047	B C 4D	R4330	B C 3C	R5501	A C 2A	R6247	A C 4A	TL1620	A C 3D	
R1077	B C 4A	R2025	B C 2C	R3048	B C 4D	R4331	B C 3B	R5503	A C 2B	R6701	A C 3C	TL1621	A C 3D	
R1078	B C 4A	R2028	B C 2C	R3049	B C 4D	R4332	B C 3B	R5504	A C 2B	R6702	A C 3C	TL1622	A C 3D	
R1079	B C 4A	R2029	B C 1D	R3050	B C 4D	R4333	B C 3B	R5505	A C 2B	R6703	A C 3C	TL3001	B C 4C	
R1080	B C 4A	R2103	B C 1C	R3051	B C 4D	R4334	B C 3B	R5506	A C 2B	R6704	A C 5B	TL3005	B C 4C	
R1081	B C 4A	R2104	B C 1C	R3052	B C 4D	R4335	B C 3B	R5507	A C 2B	R6705	A C 5B	TL3006	B C 4C	
R1082	B C 4A	R2105	B C 1C	R3059	B C 4B	R4336	B C 3B	R5509	A C 3B	RA1008	B C 5B	TL3501	B C 5B	
R1083	B C 4A	R2106	B C 1C	R3066	B C 4D	R4337	B C 3B	R5510	A C 3A	RA1009	B C 4A	TL4201	B C 2B	
R1302	B C 2C	R2107	B C 1C	R3067	B C 4D	R4338	B C 3A	R5511	A C 3A	RA1010	B C 4A	TL4202	B C 2A	
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R1307	B C 2C	R2110	B C 1C	R3070	B C 3C	R4341	B C 3B	R5514	A C 3B	RA3002	B C 4C	TL4303	B C 3B	
R1308	B C 2C	R2111	B C 1C	R3071	B C 5D	R4342	B C 2B	R5515	A C 2B	RA3003	B C 4C	TL4304	B C 3A	
R1401	B C 4B	R2112	B C 1C	R3072	B C 4D	R4343	B C 2B	R5516	A C 2B	RA3004	B C 5C	TL4305	B C 3B	
R1402	B C 4B	R2113	B C 1C	R3073	B C 4C	R4344	B C 2B	R6001	A C 3B	RA3005	B C 5C	TL4306	B C 3B	
R1403	B C 4B	R2114	B C 1C	R3074	B C 4C	R4345	B C 3A	R6002	A C 3B	RA4301	B C 3A	TL4307	B C 3B	
R1404	B C 4B	R2115	B C 1C	R3075	B C 4D	R4346	B C 2B	R6003	A C 3B	RA4302	B C 3A	TL4308	B C 3B	
R1405	B C 4B	R2116	B C 1C	R3501	A C 2C	R4347	B C 2B	R6004	A C 3B	RA4303	B C 3A	TL4309	B C 3B	
R1406	B C 4B	R2117	B C 1C	R3502	A C 2C	R4348	B C 2B	R6005	A C 3B	RA4307	B C 3A	TL4310	B C 3B	
R1407	B C 4B	R2118	B C 1C	R3503	A C 2C	R4349	B C 2B	R6009	A C 4A	RA4308	B C 3A	TL4311	B C 3B	
R1408	B C 4B	R2119	B C 1D	R3504	A C 2C	R4350	B C 2B	R6010	A C 4B	RA4309	B C 3A	TL4312	B C 3B	
R1409	B C 4B	R2120	B C 1C	R3505	A C 2C	R4351	B C 3B	R6011	A C 4B	RA4310	B C 3A	TL4313	B C 3B	
R1410	B C 4B	R2121	B C 1D	R3506	A C 2C	R4804	A C 2C	R6012	A C 4B	OTHER			TL4314	B C 3B
R1411	B C 4B	R2122	B C 1C	R3507	A C 2C	R4805	A C 1C	R6013	A C 4B	TL1001	B C 4A	TL4316	B C 3B	
R1412	B C 4B	R2123	B C 1D	R3508	A C 3C	R4806	A C 1C	R6101	A C 4A	TL1002	B C 4A	TL4317	B C 3B	
R1413	B C 4B	R2124	B C 1C	R3509	A C 2C	R4807	A C 1C	R6102	A C 4A	TL1003	B C 4A	TL4405	B C 3B	
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R1415	B C 4B	R2126	B C 1C	R3511	A C 3C	R4809	A C 1C	R6106	A C 3A	TL1005	B C 4A	TL5501	A C 3A	
R1416	B C 4B	R2127	B C 1D	R3512	A C 3C	R4810	A C 1C	R6107	A C 3A	TL1006	B C 4A	TL5502	A C 3A	
R1417	B C 5B	R2128	B C 1C	R3521	A C 3C	R4811	A C 1C	R6108	A C 3A	TL1007	B C 4A	TL5503	A C 3A	
R1420	B C 4B	R2129	B C 1C	R3522	A C 2C	R4812	A C 1C	R6113	A C 3A	TL1009	B C 4A	TL5504	A C 3A	
R1421	B C 4B	R2201	A C 1C	R3701	A C 3B	R4813	A C 1C	R6114	A C 3B	TL1010	B C 4A	TM01	A C 1?	
R1422	B C 4B	R2202	A C 1C	R3702	A C 3B	R4814	A C 1C	R6115	A C 3B	TL1011	B C 4A	TM1	A C 1?	
R1423	B C 4B	R2203	B C 1C	R3703	A C 3B	R4815	A C 1C	R6116	A C 3A	TL1012	B C 4B	TM3	A C 5?	
R1424	B C 4B	R2501	B C 1B	R3706	A C 3B	R4816	A C 1C	R6117	A C 3B	TL1022	B C 5B	TM3	A C 5?	
R1425	B C 4B	R2502	B C 1B	R3707	A C 3B	R4817	A C 2C	R6118	A C 3B	TL1023	B C 4B	X1001	B C 4B	
R1426	B C 4B	R2503	B C 1B	R3708	A C 3B	R4818	A C 2C	R6124	A C 4B	TL1024	B C 5A	X1002	A C 4A	
R1427	A C 5B	R2504	B C 1B	R3711	A C 3B	R4819	A C 1C	R6201	A C 4B	TL1025	B C 5B	X1401	B C 4B	
R1601	B C 2D	R2505	B C 1C	R3712	A C 3C	R4820	A C 1C	R6202	A C 4B	TL1026	B C 5B	X3001	B C 4C	
R1602	B C 2D	R2506	B C 2C	R3713	A C 2B	R4821	A C 1C	R6203	A C 4B	TL1027	B C 4B	X3002	B C 4C	
R1603	B C 2C	R2507	B C 1C	R3714	A C 2B	R4822	A C 2C	R6204	A C 4B	TL1029	B C 4A	X5501	A C 2A	
R1604	B C 2D	R2508	B C 2C	R3715	A C 2B	R4823	A C 2C	R6205	A C 4B	TL1030	B C 4B	ZP-GND	A C 2A	
R1605	B C 2C	R2509	B C 2C	R3716	A C 2B	R4824	A C 1C	R6206	A C 4B	TL1031	B C 4B			
R1609	B C 3C	R2510	B C 2C	R3717	A C 2B	R4825	A C 2C	R6207	A C 4B	TL1032	B C 4A			
R1610	B C 3C	R2511	B C 2C	R3718	A C 2B	R4826	A C 2C	R6208	A C 4B	TL1033	B C 4A			
R1611	B C 3C	R2512	B C 2C	R3719	A C 2B	R4827	A C 1C	R6209	A C 4B	TL1034	B C 4A			
R1612	B C 3C	R2513	B C 2C	R3724	A C 3B	R4828	A C 2C	R6210	A C 3C	TL1035	B C 4B			
R1613	B C 3C	R3002	B C 4C	R4201	B C 2B	R4829	A C 1C	R6211	A C 3C	TL1401	B C 4B			
R1614	B C 3C	R3003	B C 4D	R4202	B C 2B	R4830	A C 2C	R6212	A C 3C	TL1402	B C 4B			
R1615	B C 3C	R3004	B C 4C	R4203	B C 2B	R4831	A C 2C	R6213	A C 3C	TL1403	B C 4B			
R1616	B C 3D	R3005	B C 4C	R4205	B C 2A	R4833	A C 2C	R6214	A C 3C	TL1404	B C 4B			
R1617	B C 3C	R3006	B C 4C	R4206	B C 2A	R4836	A C 2C	R6215	A C 3C	TL1405	B C 5B			
R1618	B C 3C	R3007	B C 4C	R4207	B C 3A	R4837	A C 2C	R6216	A C 3C	TL1406	B C 4B			
R1619	B C 2C	R3008	B C 4C	R4208	B C 2A	R4839	A C 2C	R6217	A C 4B	TL1407	B C 4B			
R1620	B C 2C	R3009	B C 4C	R4301	B C 3B	R4840	A C 2C	R6218	A C 4B	TL1408	B C 5B			
R1621	B C 2D	R3010	B C 4C	R4302	B C 3A	R4841	A C 2C	R6219	A C 5B	TL1409	B C 5B			
R1622	B C 3C	R3011	B C 4C	R4303	B C 2B	R4842	A C 2C	R6220	A C 5B	TL1410	B C 5B			
R1624	B C 2C	R3013	B C 5C	R4304	B C 2B	R4843	A C 2C	R6221	A C 5B	TL1411	B C 5B			
R1625	A C 2C	R3014	B C 5C	R4305	B C 2B	R4844	A C 2C	R6222	A C 5B	TL1412	A C 3B			
R1626	A C 2C	R3015	B C 5C	R4306	B C 2B	R4845	A C 2C	R6223	A C 5B	TL1413	A C 3B			
R1628	B C 2C	R3016	B C 5C	R4307	B C 2B	R4846	A C 2B	R6224	A C 4B	TL1414	B C 4B			
R1629	B C 2D	R3017	B C 5C	R4308	B C 2B	R4847	A C 2C	R6225	A C 4B	TL1415	B C 5B			
R1630	B C 3D	R3018	B C 5C	R4309	B C 2B	R4849	A C 2C	R6226	A C 4B	TL1416	B C 4B			
R1631	B C 3D	R3019	B C 5C	R4310	B C 2B	R4850	A C 2C	R6227	A C 4A	TL1417	A C 4B			
R1635	B C 2C	R3020	B C 5C	R4311	B C 2B	R4852	A C 1B	R6228	A C 4A	TL1418	B C 4B			
R1636	B C 2C	R3025	B C 3C	R4312	B C 2B	R4854	A C 1C	R6229	A C 4A	TL1419	B C 4B			
R1637	B C 2C	R3026	B C 3C	R4313	B C 2B	R4855	A C 1C	R6230	A C 4A	TL1420	A C 5B			
R1643	B C 2C	R3027	B C 4C	R4314	B C 2B	R4856	A C 1C	R6231	A C 4A	TL1601	B C 2C			
R2001	B C 1D	R3029	B C 4C	R4315	B C 2B	R4857	A C 2C	R6232	A C 4A	TL1602	B C 3C			
R2004	B C 1D	R3030	B C 4C	R4316	B C 2B	R4858	A C 2C	R6233	A C 4A	TL1603	B C 3C			
R2005	B C 1D	R3031	B C 4C	R4317	B C 2C	R4859	A C 2C	R6234	A C 4A	TL1604	B C 2C			
R2006	B C 2C	R3032	B C 4C	R4318	B C 2B	R4860	A C 2C	R6235	A C 4A	TL1605	A C 3D			
										TL1606	A C 3D			

COMPONENT SIDE(A)

01 MAIN PWB  
YB10359-01-02



4.25 MONITOR CIRCUIT BOARD



COMPONENT PARTS LOCATION GUIDE <MONITOR/YB10360-01-03>

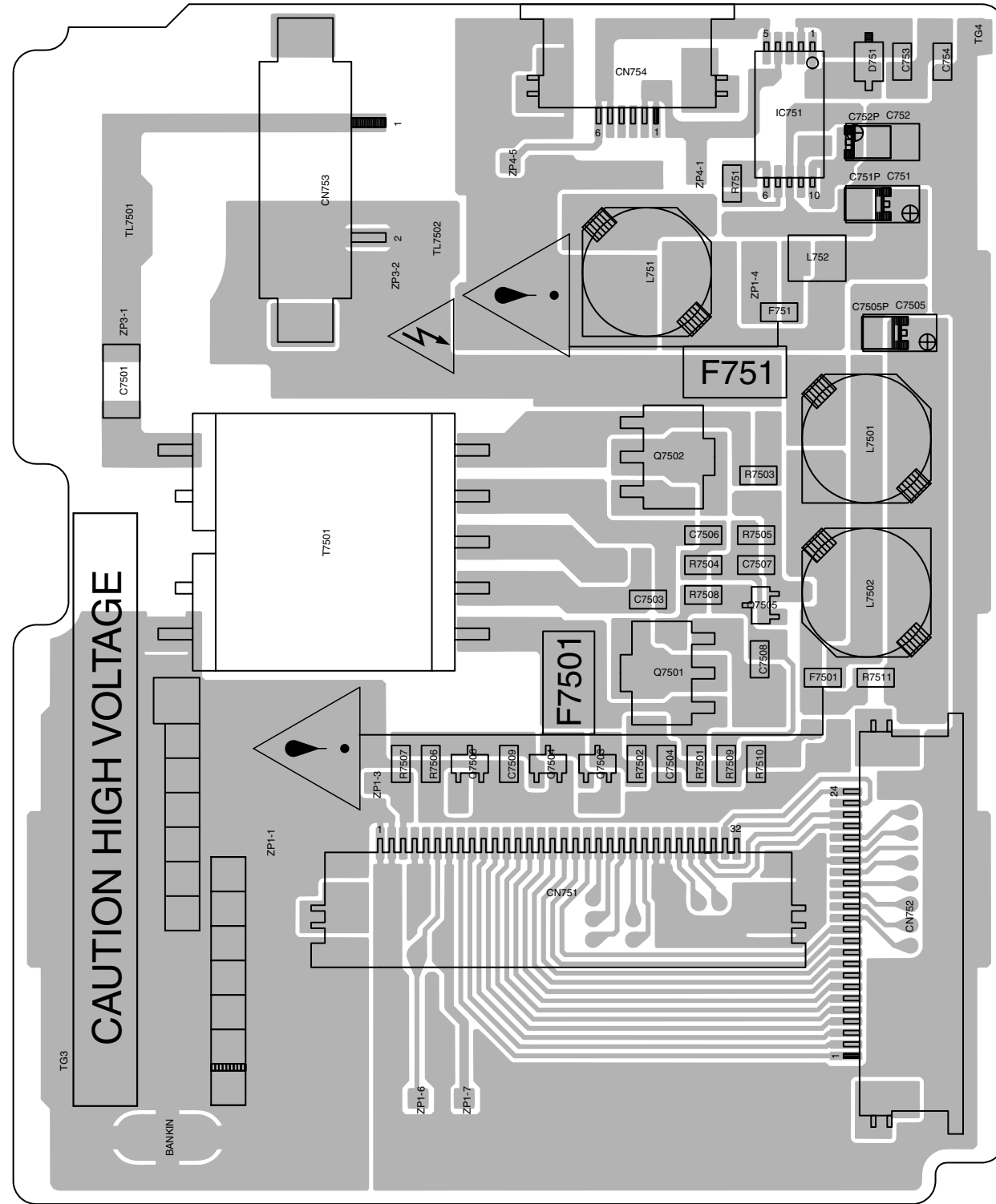
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<b>CAPACITOR</b>																											
C1	A C 2A	C7611	B C 3A	C7628	A C 3B	C7645	A C 2B	<b>CONNECTOR</b>				<b>IC</b>				<b>TRANSISTOR</b>				<b>RESISTOR</b>				<b>OTHER</b>			
C10	B C 3C	C7612	B C 3A	C7629	A C 2B	CN761	B C 4C	IC7101	A C 4A	Q10	B C 4C	R2	A C 4B	R28	B C 3C	R7612	A C 3B	R7630	A C 4A	BT1	A C 2C	ZP1-2	B C 4C	ZP1-20	B C 3B	ZP4-25	B C 2B
C11	B C 3C	C7613	B C 3A	C7630	B C 2C	CN762	B C 3C	IC7602	B C 4B	Q7101	B C 4B	R3	A C 2A	R7110	B C 4B	R7613	A C 3B	R7631	A C 2B	SW1	A C 4B	ZP1-3	B C 4C	ZP1-21	B C 3B	ZP4-33	B C 3A
C7101	B C 4B	C7614	B C 3A	C7631	B C 2C	CN763	B C 4A	IC7603	B C 3B	Q7102	B C 4B	R4	A C 2A	R7111	B C 4B	R7614	A C 3B	R7632	B C 3B	SW2	A C 2A	ZP1-4	B C 4C	ZP1-22	B C 3C		
C7102	A C 4A	C7615	B C 3A	C7632	B C 3C	CN764	B C 2C	IC7604	A C 3A	Q7601	A C 3B	R5	A C 3A	R7112	B C 4B	R7615	A C 3B	R7633	A C 1C	SW3	A C 2A	ZP1-5	B C 4A	ZP1-23	B C 2C		
C7601	B C 3B	C7616	B C 3B	C7633	B C 3C	CN765	B C 2B	<b>COIL</b>				Q7602	A C 3B	R6	A C 3A	R7113	B C 4B	R7616	A C 3B	SW4	A C 3A	ZP1-6	B C 3B	ZP1-36	B C 2C		
C7602	A C 3A	C7617	A C 3A	C7634	B C 2B	CN766	A C 4D	L10	B C 3C	Q7603	A C 2B	R7	A C 3B	R7114	B C 4B	R7617	A C 2B	R7115	B C 4B	R7617	A C 2B	SW5	A C 3A	ZP1-7	B C 4B	ZP1-39	B C 4A
C7603	B C 2A	C7618	A C 3A	C7635	B C 2C					Q7604	A C 2B	R8	A C 3B	R7116	B C 4B	R7618	A C 3B	R7635	B C 4B	SW6	A C 4A	ZP1-9	B C 4B	ZP1-39	B C 4A		
C7604	B C 2A	C7619	B C 3B	C7636	A C 2B					Q7605	B C 2C	R9	A C 3B	R7117	B C 4B	R7619	A C 2B	R7636	B C 3A	SW7	A C 3A	ZP3-9	B C 4A	ZP2-10	B C 2C		
C7605	B C 2A	C7620	B C 3A	C7637	B C 2C					Q7606	B C 2C	R10	A C 3B	R7601	A C 3A	R7621	A C 2B	R7637	A C 3A	SW8	A C 3A	ZP4-9	B C 1A	ZP3-13	B C 4A		
C7606	B C 2A	C7621	B C 3B	C7638	B C 3B					Q7607	B C 4A	R11	B C 4C	R7602	B C 3A	R7622	B C 2C	R7638	B C 3A	SW9	A C 4B	ZP4-9	B C 2C	ZP3-17	B C 4A		
C7607	B C 2A	C7622	B C 3B	C7639	B C 4B					Q7608	B C 4A	R12	B C 3C	R7603	B C 3A	R7623	B C 2C	R7640	A C 3A	SW10	A C 3A	ZP1-11	B C 3B	ZP3-18	B C 4A		
C7608	B C 2A	C7623	B C 3B	C7640	B C 3B					Q7609	B C 3B	R13	B C 4C	R7604	B C 3A	R7624	A C 2B	R7643	A C 4A	SW10	A C 3B	ZP1-12	B C 3B	ZP3-19	B C 4A		
C7609	B C 2A	C7624	B C 4B	C7641	B C 1C					Q7610	B C 3B	R14	B C 3C	R7605	B C 4C	R7625	B C 2B	R7644	B C 4A	SW7601	A C 3B	ZP1-13	B C 3A	ZP3-20	B C 4B		
C7610	B C 2A	C7625	B C 4B	C7642	A C 4A					<b>RESISTOR</b>				R15	B C 3C	R7626	B C 3A	R7645	A C 4A	TM04	A C 5D	ZP1-14	B C 3B	ZP4-17	B C 2C		
		C7626	B C 4B	C7643	A C 3B					R1	A C 3B	R16	B C 4C	R7606	B C 4B	R7627	B C 3B	R7646	A C 3A	TM4	A C 5D	ZP1-15	B C 3B	ZP4-18	B C 3A	ZP4-22	B C 2B
		C7627	B C 3B	C7644	A C 3B					R2	B C 3C	R17	B C 4C	R7607	B C 4B	R7628	B C 4A	R7647	A C 4A			ZP1-17	B C 3B	ZP4-23	B C 3B	ZP4-24	B C 2B



4.26 LCD BL CIRCUIT BOARD

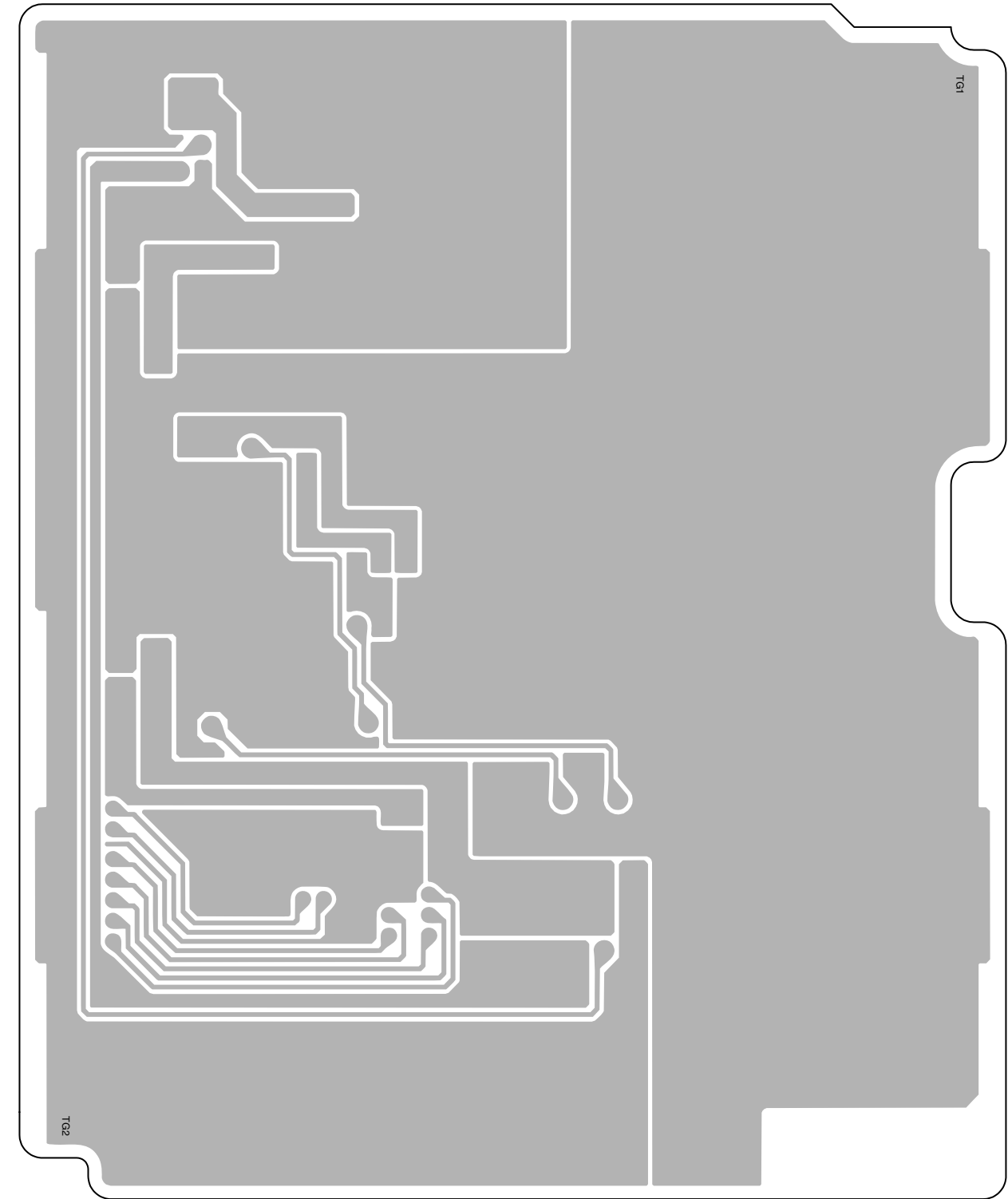
FOIL SIDE(B)

03 LCD BL PWB  
YB10325-01-03



COMPONENT SIDE(A)

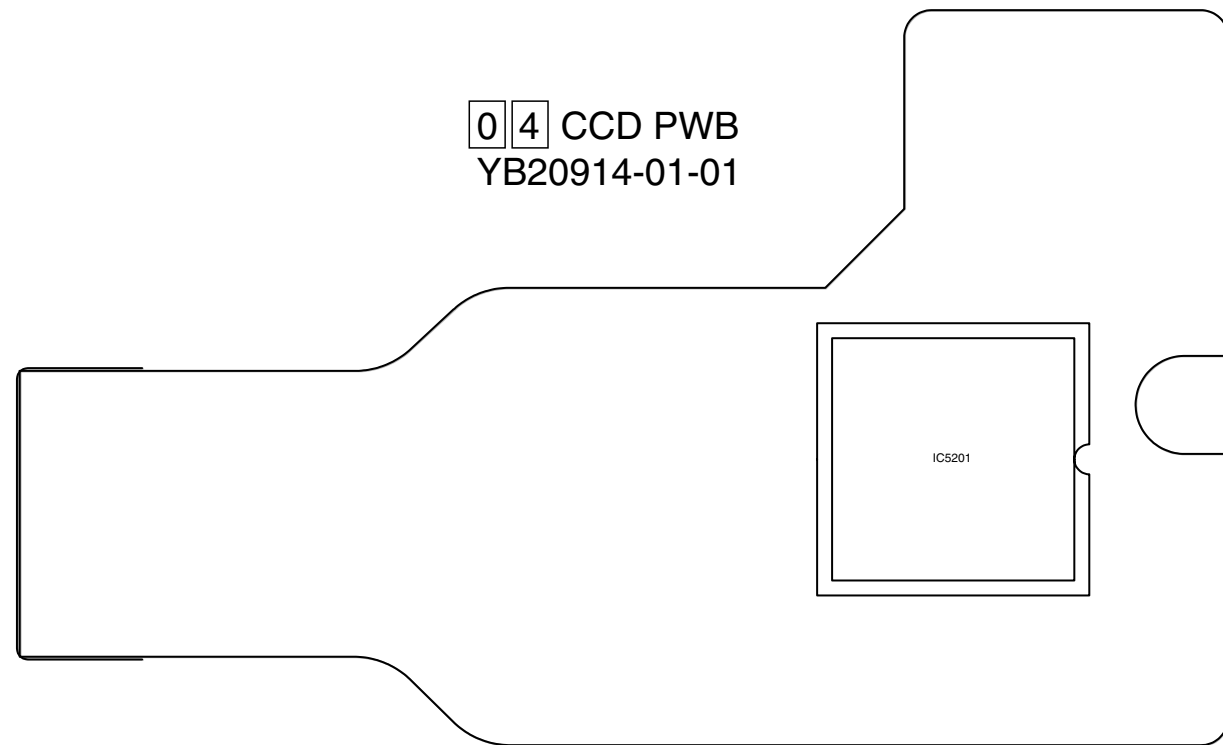
03 LCD BL PWB  
YB10325-01-03



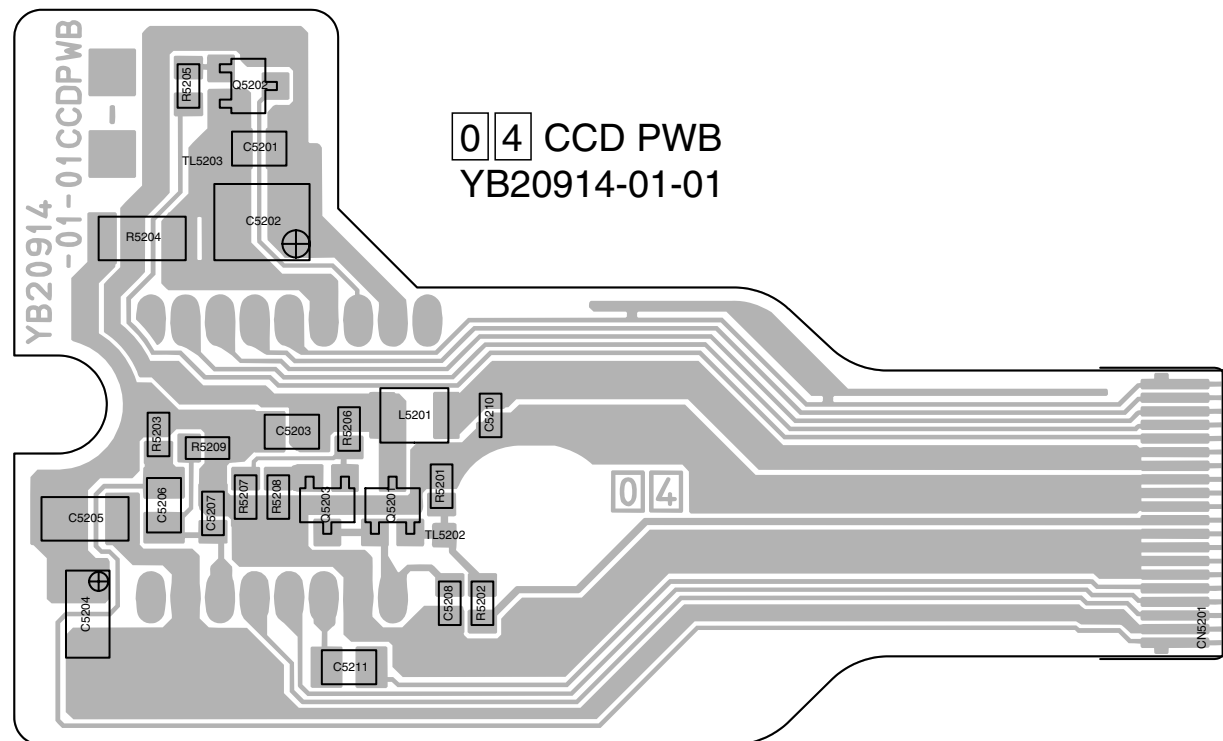
4.27 CCD AND JUNCTION CIRCUIT BOARDS

-CCD-

FOIL SIDE(B)



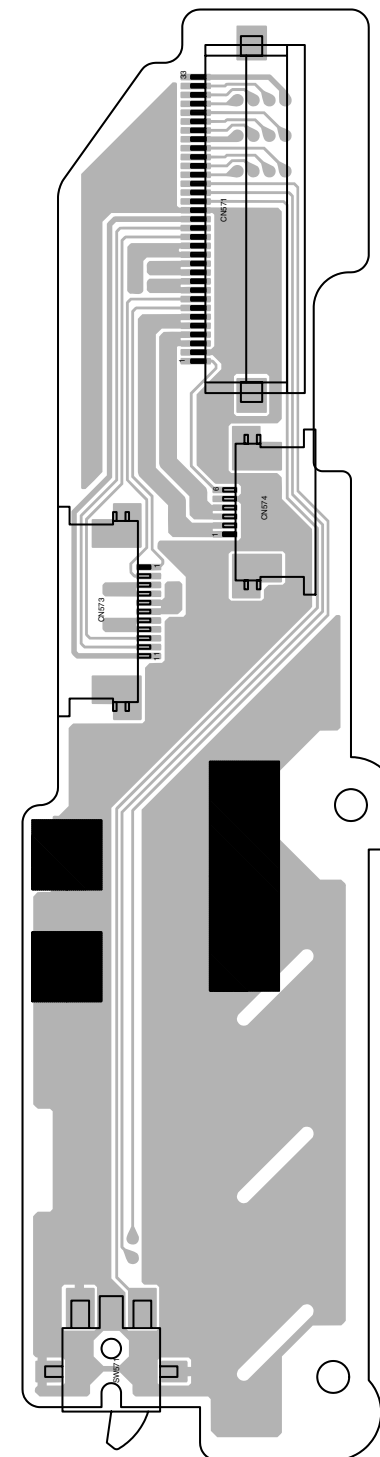
COMPONENT SIDE(A)



-JUNCTION-

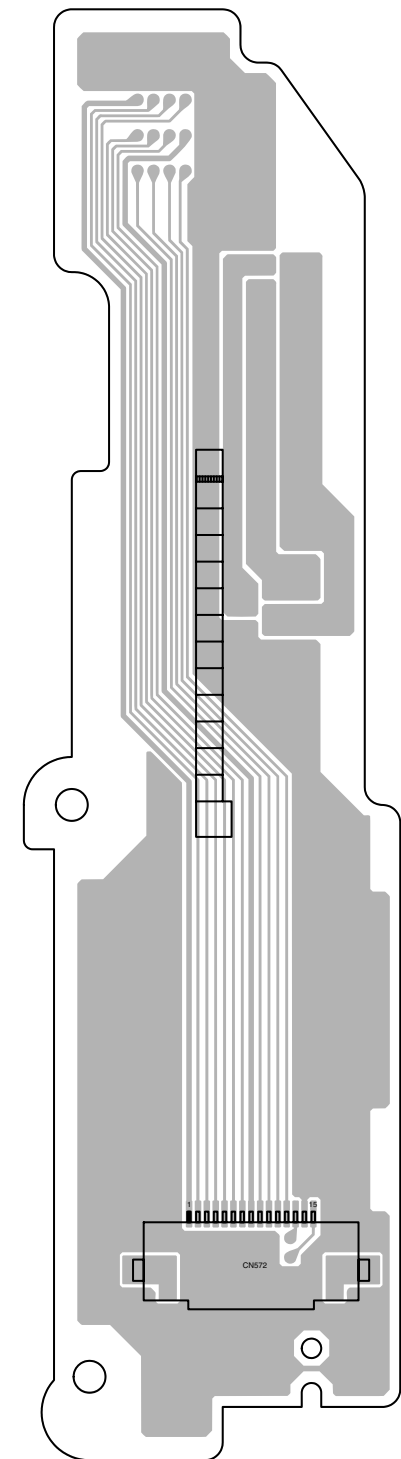
FOIL SIDE(B)

05 JUNCTION PWB  
YB10358-01-01



COMPONENT SIDE(A)

05 JUNCTION PWB  
YB10358-01-01

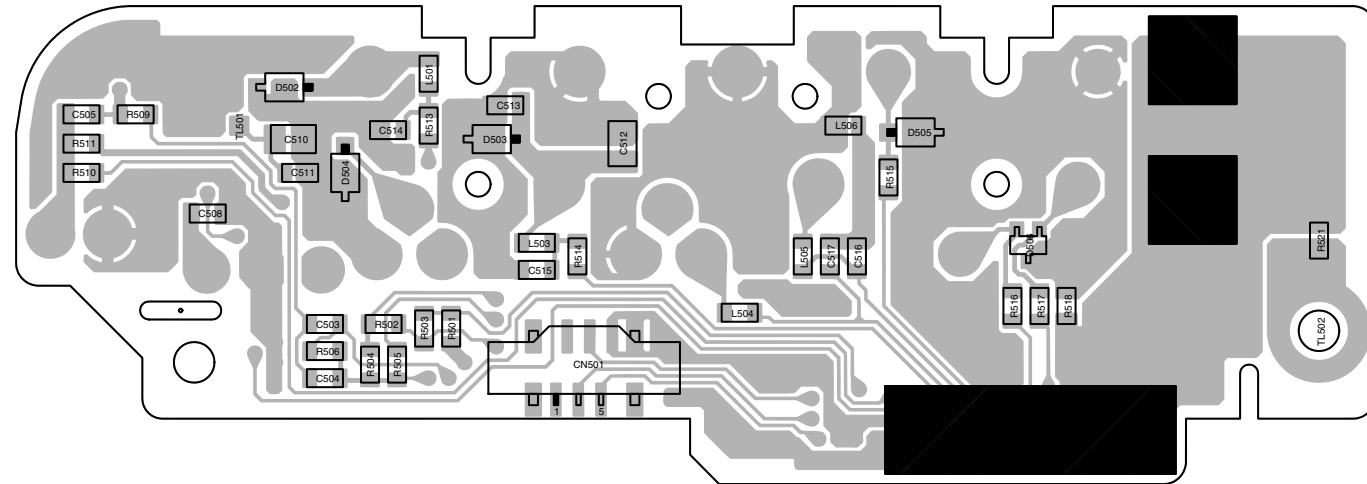


4.28 JACK AND VF CIRCUIT BOARDS

-JACK-

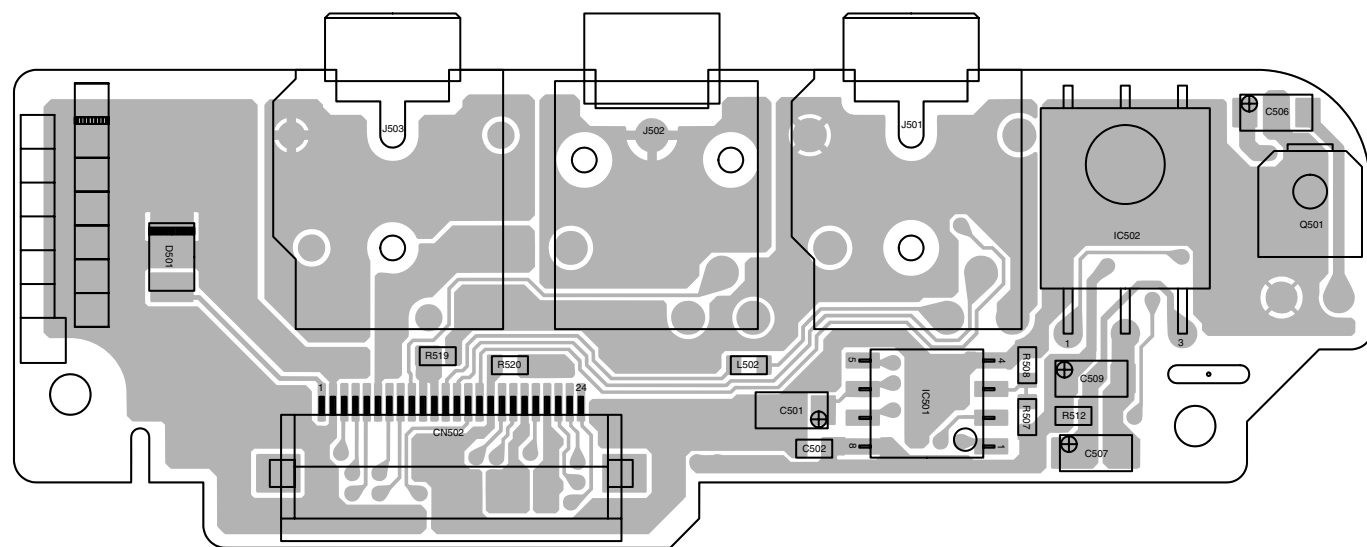
FOIL SIDE(B)

06 JACK PWB  
YB10357-01-01



COMPONENT SIDE(A)

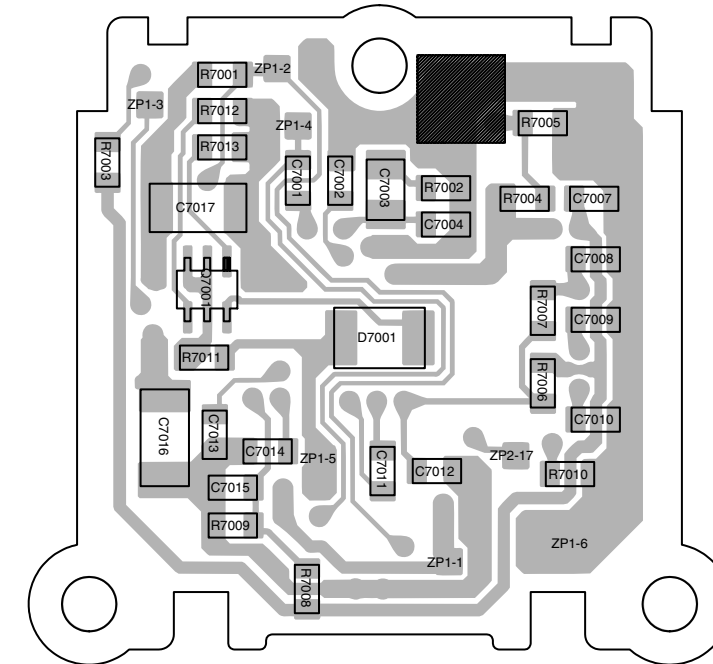
06 JACK PWB  
YB10357-01-01



-VF-

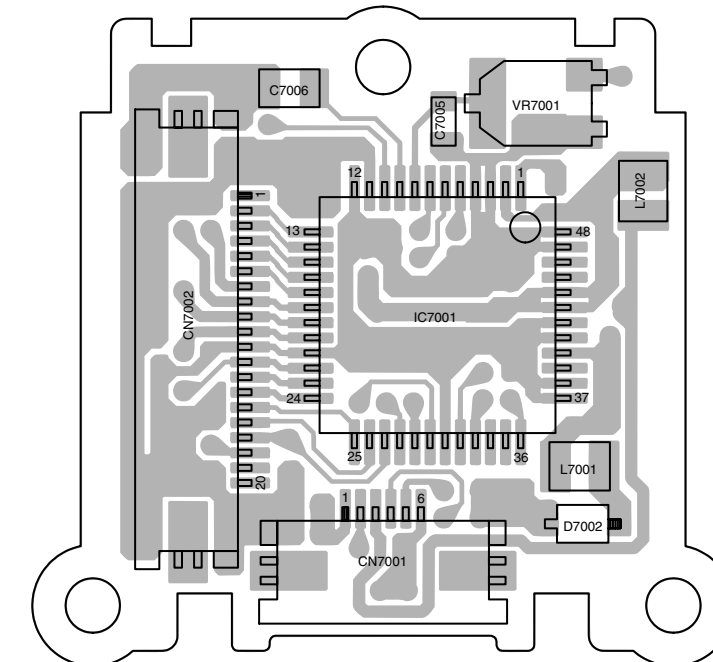
FOIL SIDE(B)

08 VF PWB  
YB20910



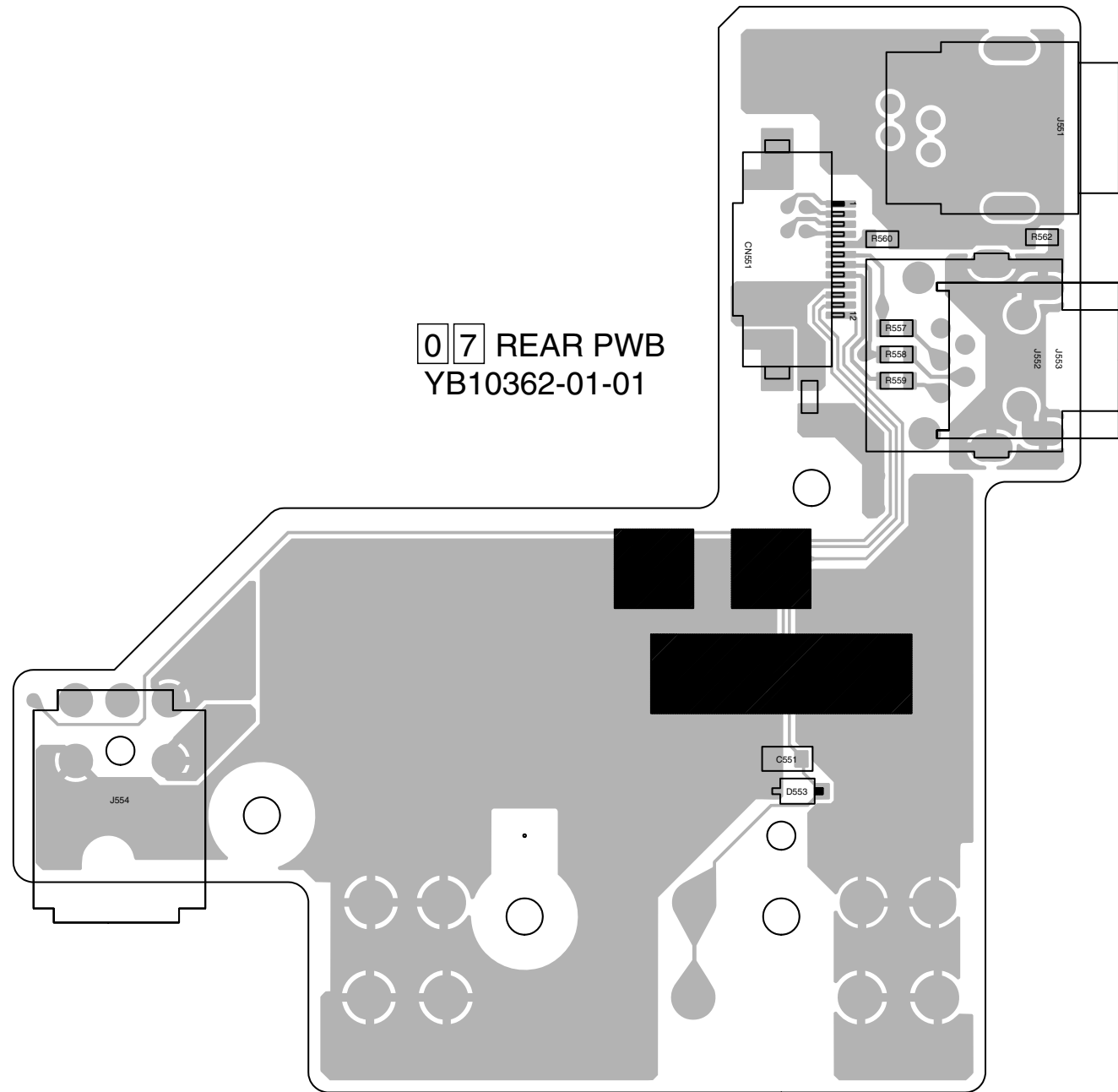
COMPONENT SIDE(A)

08 VF PWB  
YB20910

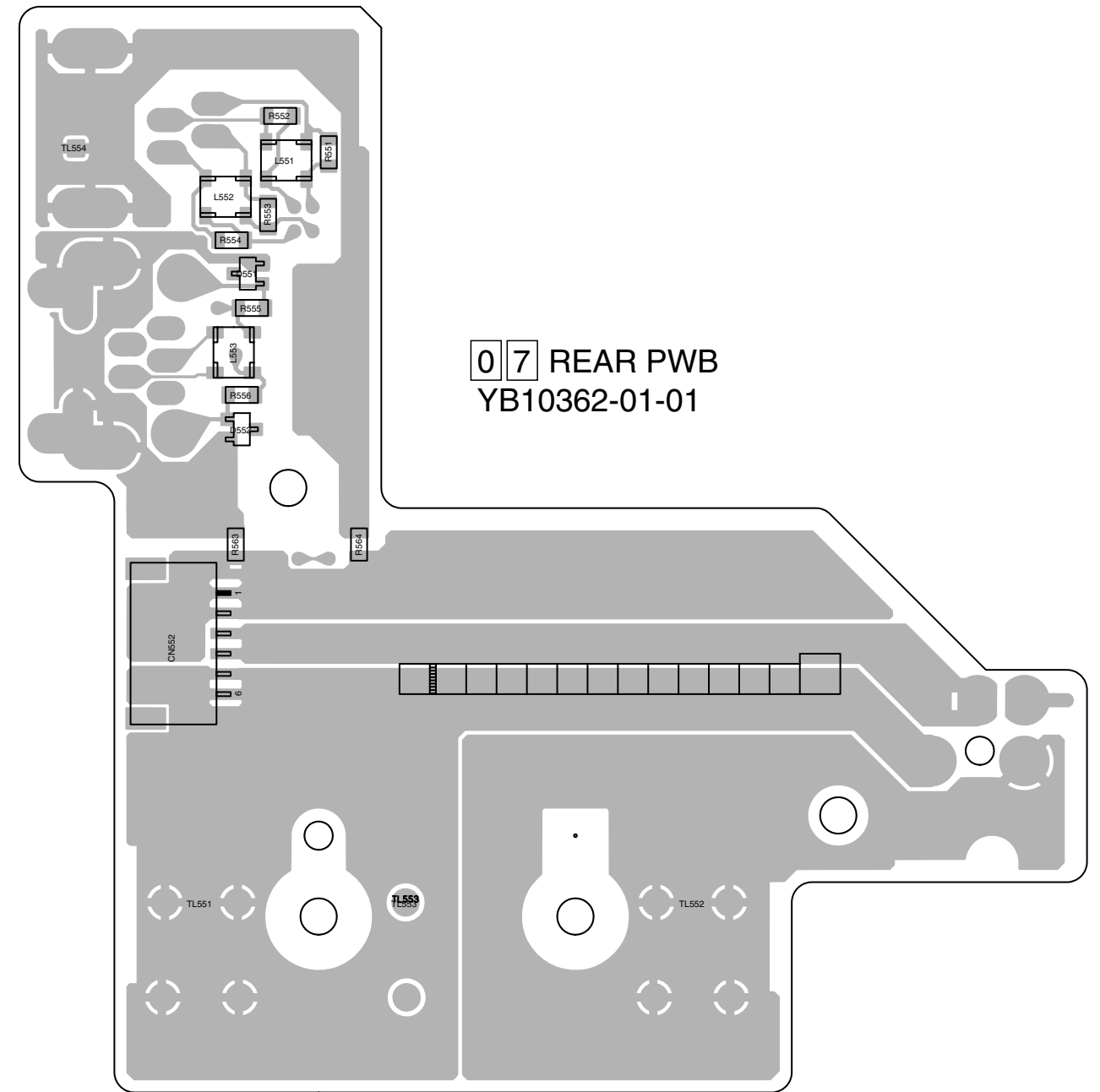


4.29 REAR CIRCUIT BOARD

FOIL SIDE(B)



COMPONENT SIDE(A)



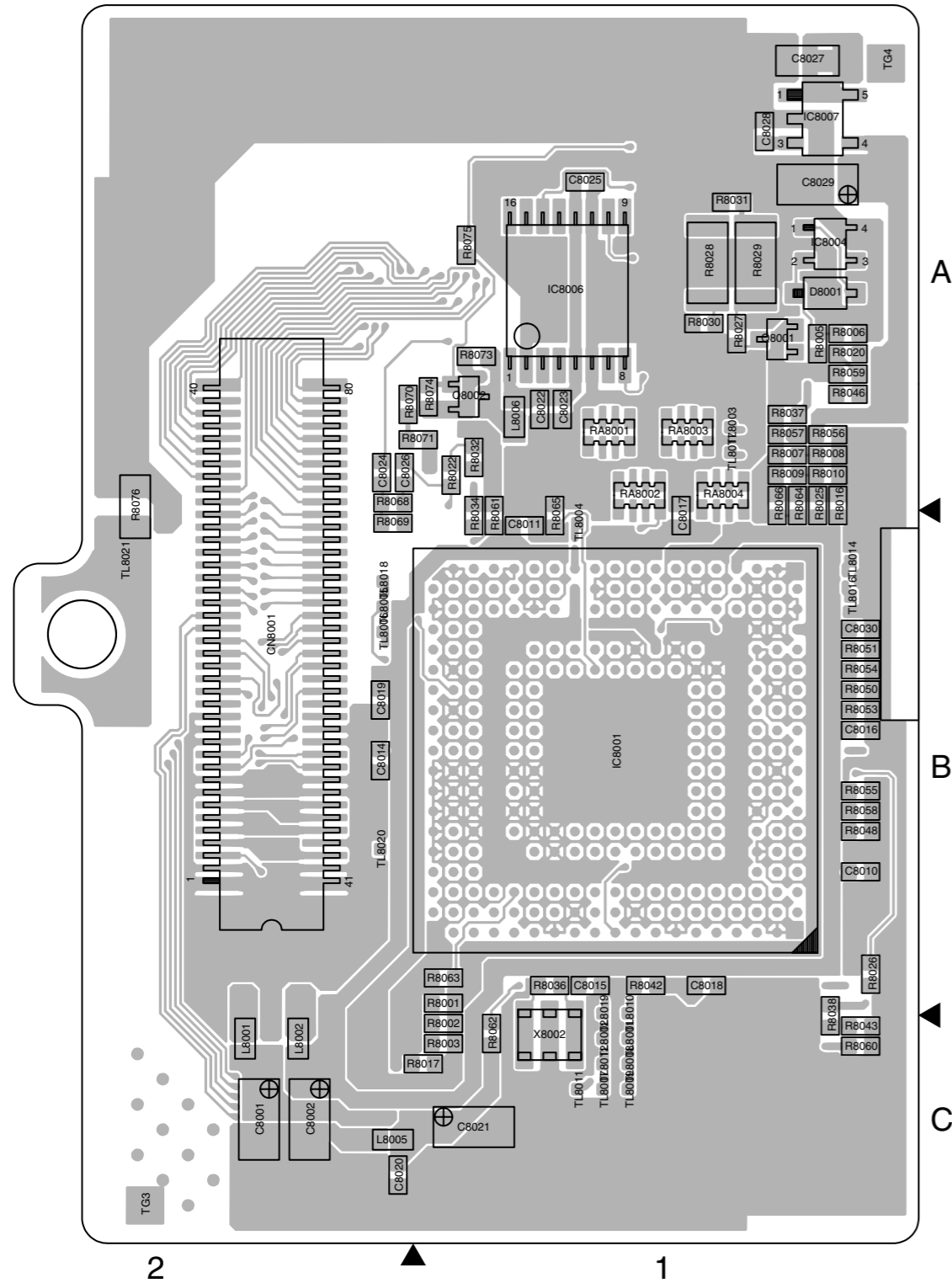
4.30 DSC CIRCUIT BOARD [DVL520/DVL522/DVL720]

FOIL SIDE(B)

COMPONENT SIDE(A)

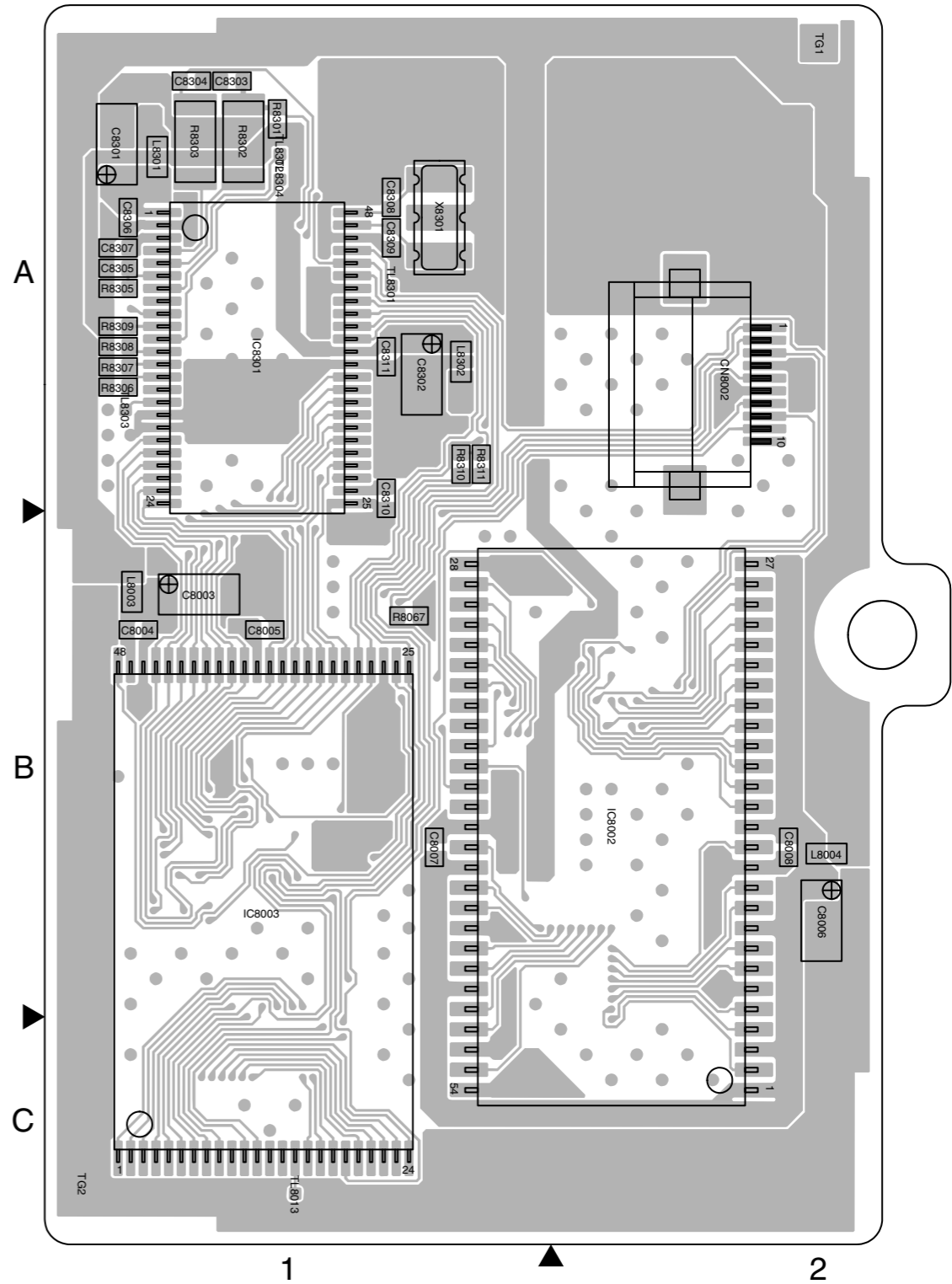
10 DSC PWB  
YB20915-01-03

10 DSC PWB  
YB20915-01-03



COMPONENT PARTS LOCATION GUIDE  
<DSC/YB20915-01-03>

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
<b>CAPACITOR</b>					
C8001	B C 2C	R8009	B C 1A	TL8014	B C 1B
C8002	B C 2C	R8010	B C 1A	TL8016	B C 1B
C8003	A C 1B	R8016	B C 1A	TL8017	B C 1A
C8004	A C 1B	R8017	B C 1C	TL8018	B C 2B
C8005	A C 2B	R8020	B C 1A	TL8019	B C 1B
C8006	A C 1B	R8022	B C 1A	TL8020	B C 2B
C8007	A C 1B	R8025	B C 1A	TL8021	B C 2B
C8008	A C 2B	R8026	B C 1B	TL8301	A C 1A
C8010	B C 1B	R8027	B C 1A	TL8302	A C 1A
C8011	B C 1B	R8028	B C 1A	TL8303	A C 1A
C8014	B C 2B	R8029	B C 1A	TL8304	A C 1A
C8015	B C 1B	R8030	B C 1A	TM03	A C 2C
C8016	B C 1B	R8031	B C 1A	TM3	A C 2C
C8017	B C 1B	R8032	B C 1A	X8002	B C 1C
C8018	B C 1B	R8033	B C 1B	X8301	A C 1A
C8019	B C 2B	R8034	B C 1B		
C8020	B C 2C	R8036	B C 1B		
C8021	B C 1C	R8037	B C 1A		
C8022	B C 1A	R8038	B C 1C		
C8023	B C 1A	R8042	B C 1B		
C8024	B C 2A	R8043	B C 1C		
C8025	B C 1A	R8046	B C 1A		
C8026	B C 2A	R8048	B C 1B		
C8027	B C 1A	R8050	B C 1B		
C8028	B C 1A	R8051	B C 1B		
C8029	B C 1A	R8053	B C 1B		
C8030	B C 1B	R8054	B C 1B		
C8301	A C 1A	R8055	B C 1B		
C8302	A C 1A	R8056	B C 1A		
C8303	A C 1A	R8057	B C 1A		
C8304	A C 1A	R8058	B C 1B		
C8305	A C 1A	R8059	B C 1A		
C8306	A C 1A	R8060	B C 1C		
C8307	A C 1A	R8061	B C 1B		
C8308	A C 1A	R8062	B C 1C		
C8309	A C 1A	R8063	B C 1B		
C8310	A C 1A	R8064	B C 1A		
C8311	A C 1A	R8065	B C 1B		
		R8066	B C 1A		
		R8067	A C 1B		
		R8068	B C 2A		
		R8069	B C 2B		
<b>CONNECTOR</b>					
CN8001	B C 2B	R8070	B C 2A		
CN8002	A C 2A	R8071	B C 1A		
		R8073	B C 1A		
<b>DIODE</b>					
D8001	B C 1A	R8074	B C 1A		
		R8075	B C 1A		
<b>IC</b>					
IC8001	B C 1B	R8076	B C 2A		
IC8002	A C 2B	R8301	A C 1A		
IC8003	A C 1B	R8302	A C 1A		
IC8004	B C 1A	R8303	A C 1A		
IC8006	B C 1A	R8305	A C 1A		
IC8007	B C 1A	R8306	A C 1A		
IC8301	A C 1A	R8307	A C 1A		
		R8308	A C 1A		
		R8309	A C 1A		
		R8310	A C 1A		
		R8311	A C 1A		
		RA8001	B C 1A		
		RA8002	B C 1A		
		RA8003	B C 1A		
		RA8004	B C 1A		
		RA8005	B C 1A		
<b>COIL</b>					
L8001	B C 2C				
L8002	B C 2C				
L8003	A C 1B				
L8004	A C 2B				
L8005	B C 2C				
L8006	B C 1A				
L8301	A C 1A				
L8302	A C 1A				
<b>OTHER</b>					
		TL8001	B C 1C		
		TL8002	B C 1C		
		TL8003	B C 1A		
		TL8004	B C 1B		
		TL8005	B C 2B		
		TL8006	B C 2B		
		TL8007	B C 1C		
		TL8008	B C 1C		
		TL8009	B C 1C		
		TL8010	B C 1B		
		TL8011	B C 1C		
		TL8012	B C 1C		
		TL8013	A C 1C		
<b>TRANSISTOR</b>					
Q8001	B C 1A				
Q8002	B C 1A				
<b>RESISTOR</b>					
R8001	B C 1B				
R8002	B C 1C				
R8003	B C 1C				
R8005	B C 1A				
R8006	B C 1A				
R8007	B C 1A				
R8008	B C 1A				





MODE PIN NO.	REC	PLAY
Q4803		
E	0	0
C	4.8	4.8
B	0	0
Q4804		
E	4.8	4.8
C	1.2	3.0
B	4.8	4.8
Q4805		
E	4.8	4.8
C	1.2	3.0
B	4.8	4.8
Q4806		
E	1.2	0
C	4.8	4.8
B	1.8	0
Q4851		
E	0	0
C	3.5	3.5
B	0	0

<TG>

MODE PIN NO.	REC	PLAY
IC5501	-	-

<REG>

MODE PIN NO.	REC	PLAY
IC6001	-	-
IC6101	-	-
Q6001		
E	0	0
C	-	-
B	3.1	3.1
Q6002	-	-
Q6004	-	-
Q6201		
D	11.1	11.1
S	7.8	7.8
G	3.1	3.1
Q6202		
E	3.1	3.1
C	2.5	2.5
B	2.4	2.4
Q6203		
D	11.1	11.1
S	9.1	9.1
G	1.8	1.8
Q6204		
D	11.1	11.0
S	6.1	6.0
G	4.9	4.9
Q6205		
E	4.8	4.8
C	0	0
B	4.8	4.8
Q6206		
E	0	0
C	4.8	4.8
B	0	0

MODE PIN NO.	REC	PLAY
Q6207	-	-
Q6208		
D	11.1	11.1
S	-	-
G	-	-
Q6210		
D	11.1	11.1
S	10.1	10.1
G	-	-
Q6211		
D	11.1	11.1
S	7.7	7.7
G	0	0
Q6212	-	-
Q6213	-	-
Q6214	-	-
Q6215	-	-
Q6216	-	-
Q6217	-	-
Q6701		
D	11.1	11.1
S	11.1	11.1
G	0	0

<JACK>

MODE PIN NO.	REC	PLAY
IC501		
1	1.9	1.9
2	2.0	1.9
3	1.9	1.9
4	0	0
5	1.9	1.9
6	1.9	1.9
7	1.5	1.5
8	4.8	4.8
IC502		
1	4.6	4.6
2	0	0
3	4.8	4.8
Q501		
E	0	0
C	4.3	4.3
B	-	-

<DSC>

MODE PIN NO.	REC	PLAY
IC8001	-	-
IC8002		
1	3.1	3.1
2	0	0
3	3.1	3.1
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	3.1	3.1
10	0	0
11	0	0

MODE PIN NO.	REC	PLAY
12	0	0
13	0	0
14	3.1	3.1
15	0	0
16	3.1	3.1
17	3.1	3.1
18	3.1	3.1
19	3.1	3.1
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	3.1	3.1
28	0	0
29	0	0
30	0	0
31	0	0
32	0	0
33	0	0
34	0	0
35	0	0
36	0	0
37	0	0
38	0	0
39	0	0
40	0	0.4
41	0	0
42	0	0
43	0	0
44	0	0
45	0	0
46	0	0
47	3.1	3.1
48	0	0
IC8004	-	-
IC8007	-	-
Q8001	-	-
IC8003		
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	3.1	3.1
12	3.0	3
13	0	0
14	0	0
15	3.5	0.5
16	0	0
17	0	0
18	0	0
19	0	0

MODE PIN NO.	REC	PLAY
20	0	0
21	0	0
22	0	0
23	0	0
24	3.1	3.1
25	0	0
26	3.1	3.1
27	0	0
28	3.1	3.1
29	0.9	0.6
30	0	0
31	0	0
32	0	0
33	0	0
34	0	0
35	0	0
36	0	0
37	3.1	3.1
38	0	0
39	0	0
40	0	0.4
41	0	0.4
42	0	0.4
43	0	0
44	0	0
45	0	0
46	0	0
47	3.1	3.1
48	0	0
IC8004	-	-
IC8007	-	-
Q8001	-	-

<CCD>

MODE PIN NO.	EE
IC5201	
1	-6.2
2	0
3	0
4	0
5	0
6	8.3
7	12.0
8	8.0
9	0
10	9.9
11	1.5
12	1.2
13	7.8
14	-6.6
Q5201	
E	7.3
C	12.0
B	8.0
Q5202	
E	0
C	8.3
B	0

<BW VF>

MODE PIN NO.	EE
IC7001	
1	3.0
2	3.0
3	0
4	0
5	1.0
6	2.2
7	1.6
8	1.5
9	1.3
10	0
11	0
12	0
13	3.0
14	7.5
15	3.0
16	3.0
17	5.8
18	2.0
19	1.9
20	9.1
21	0
22	1.6
23	3.0
24	1.5
25	1.8
26	1.8
27	3.5
28	0
29	11.0
30	0
31	0
32	0
33	0
34	0

MODE PIN NO.	EE
35	0
36	0.8
37	0
38	0
39	0
40	11.2
41	0
42	0
43	3.0
44	3.0
45	1.5
46	0.6
47	0
48	0
Q7001	
1(E)	0.6
2(E)	1.2
3(B)	0
4(C)	0
5(B)	1.2
6(C)	1.2

<LCD BL>

MODE PIN NO.	EE
Q7501	
E	0
C	4.4
B	0.4
Q7502	
E	0
C	4.4
B	0.4
Q7503	
E	4.6
C	4.5
B	0
Q7504	
E	0
C	0
B	0.6

<MONITOR>

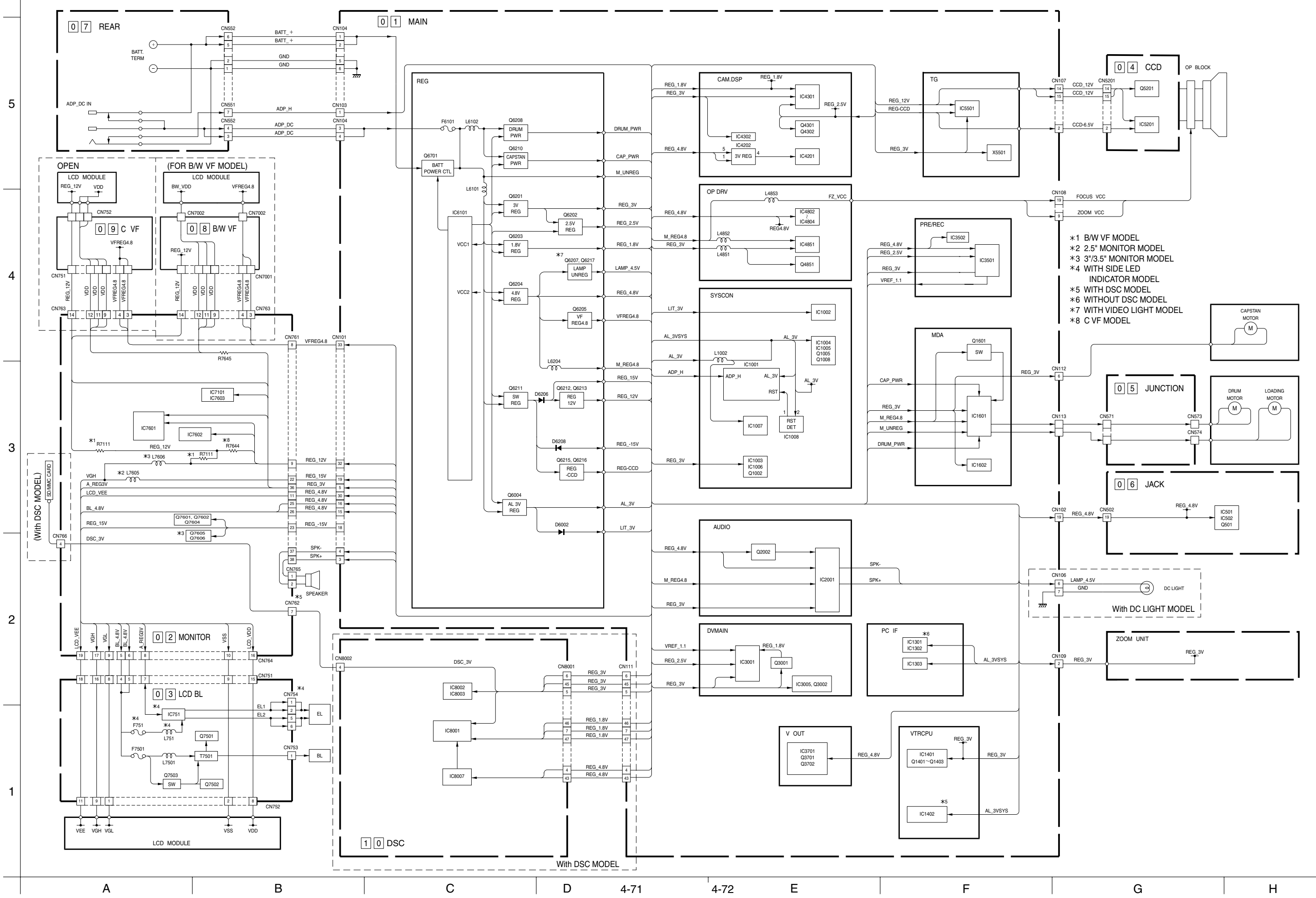
MODE PIN NO.	EE
IC7101	-
IC7601	
1	2.5
2	7.2
3	2.4
4	2.4
5	2.4
6	2.4
7	2.4
8	2.4
9	2.4
10	12.0
11	0
12	5.8
13	6.0
14	6.1

MODE PIN NO.	EE
15	6.0
16	6.1
17	6.0
18	6.1
19	6.1
20	1.6
21	1.5
22	1.5
23	1.2
24	0.4
25	0
26	0
27	0.8
28	1.4
29	0
30	0.7
31	0
32	0.5
33	0
34	1.5
35	0
36	3.0
37	0
38	0
39	3.0
40	0.7
41	1.5
42	3.0
43	3.1
44	0
45	3.0
46	2.8
47	2.5
48	2.5
IC7602	
1	11.8
2	1.7
3	1.9
4	0
5	4.8
6	4.8
7	7.2
8	12.0
IC7603	
1	3.0
2	0.7
3	3.0
4	0
5	0.7
6	3.0
7	3.1
8	3.0
IC7604	
1	0
2	3.0
3	2.4
4	0.4
5	3.0
6	0
7	0
8	0
9	0.5
10	0

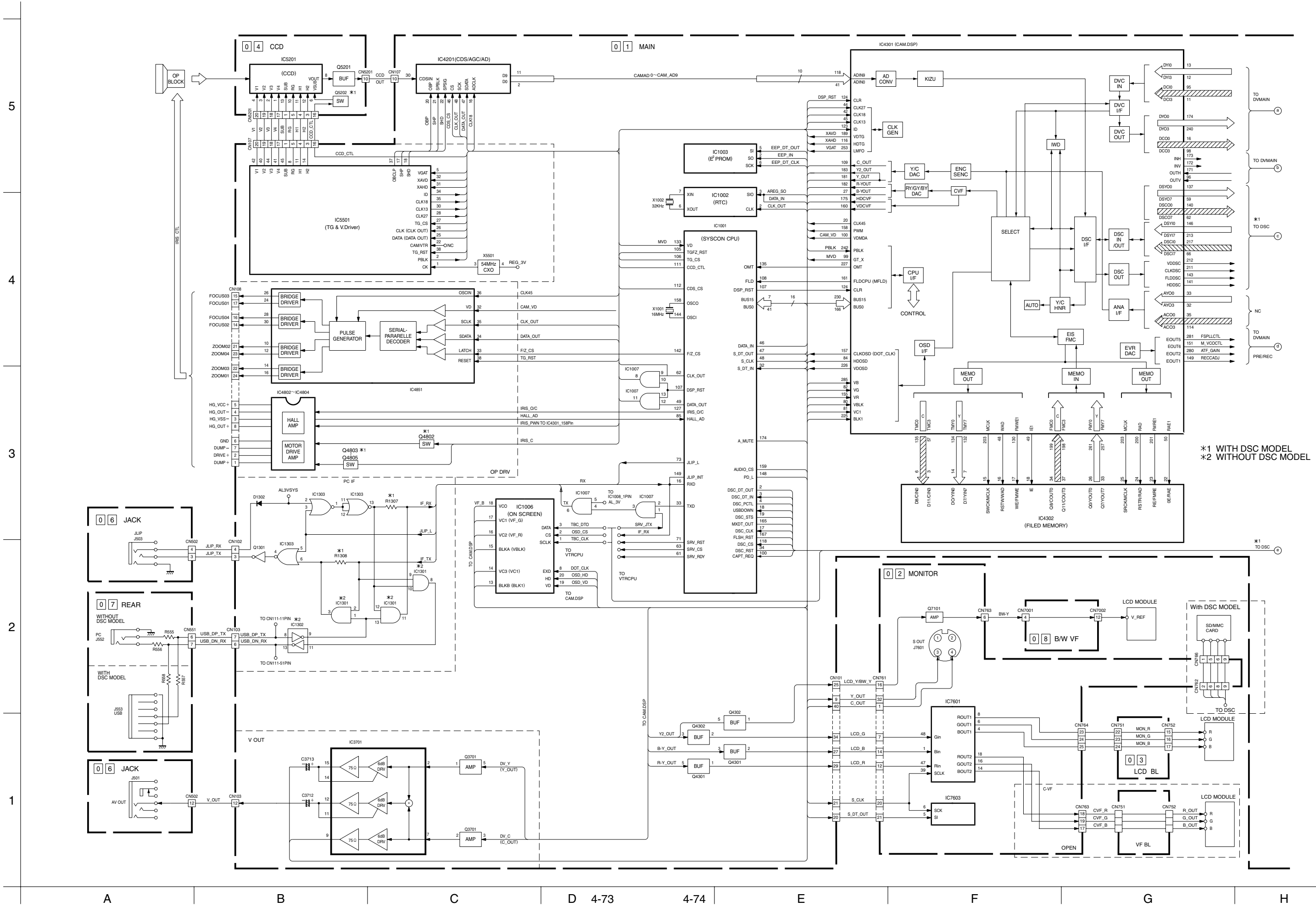
MODE PIN NO.	EE
11	0
12	0
13	0
14	3.0
Q7101	
E	0
C	0
B	1.1
Q7102	-
Q7601	
E	-9.1
C	0
B	-8.6
Q7602	
E	-8.1
C	-15.3
B	-8.6
Q7603	
E	-8.6
C	-0.5
B	-8.1
Q7604	
E	-8.6
C	-14.7
B	-9.1
Q7605	
E	3.0
C	3.0
B	0
Q7606	
E	-15.3
C	-15.3
B	3.0
Q7608	
E	0
C	0
B	3.0
Q7609	
E	0
C	4.7
B	0
Q7610	
E	4.8
C	1.2
B	4.8



### 4.32 POWER SYSTEM BLOCK DIAGRAM



4.33 VIDEO SYSTEM BLOCK DIAGRAM



\*1 WITH DSC MODEL  
\*2 WITHOUT DSC MODEL

\*1 TO DSC

TO DMAIN

TO DMAIN

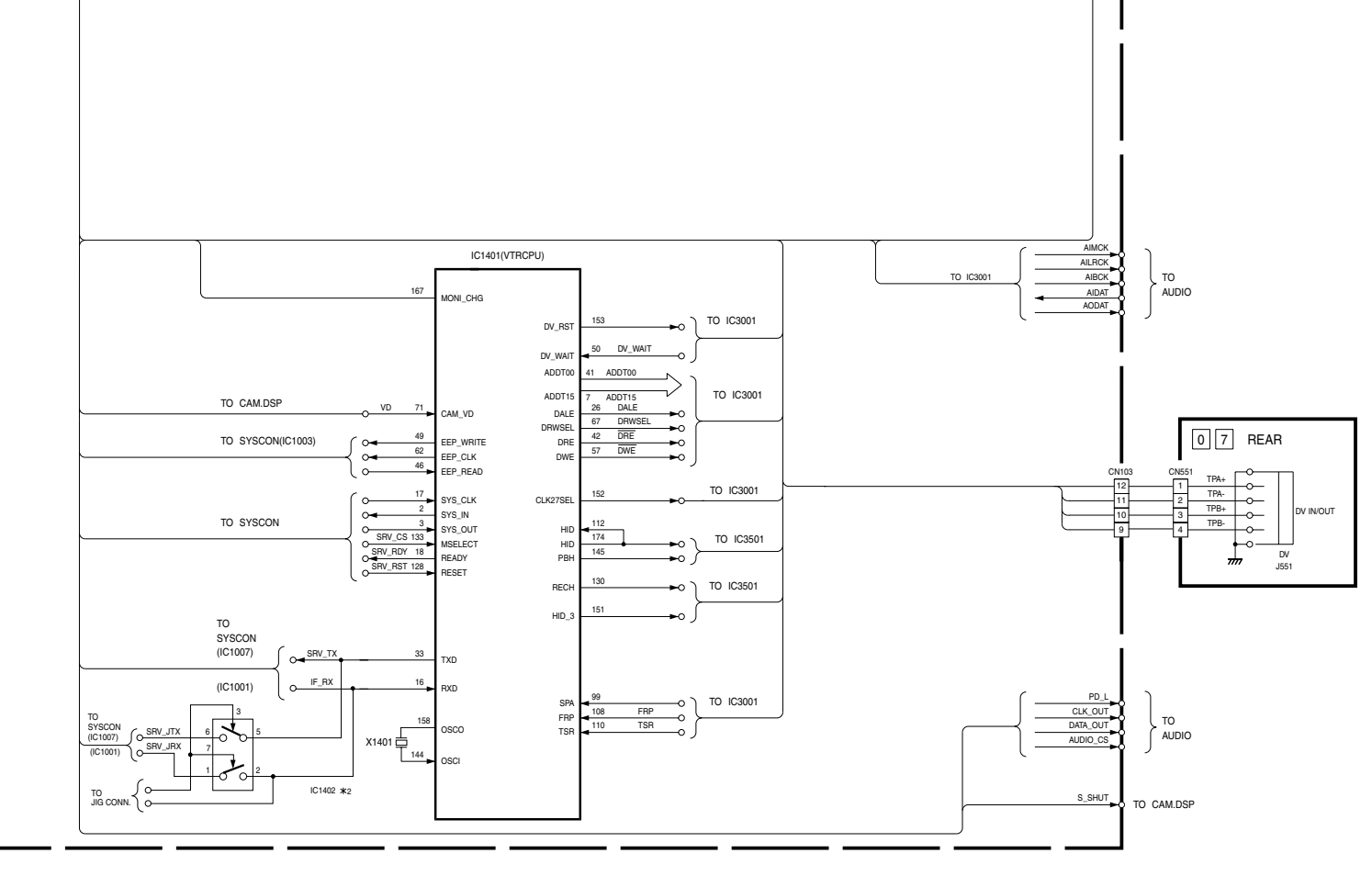
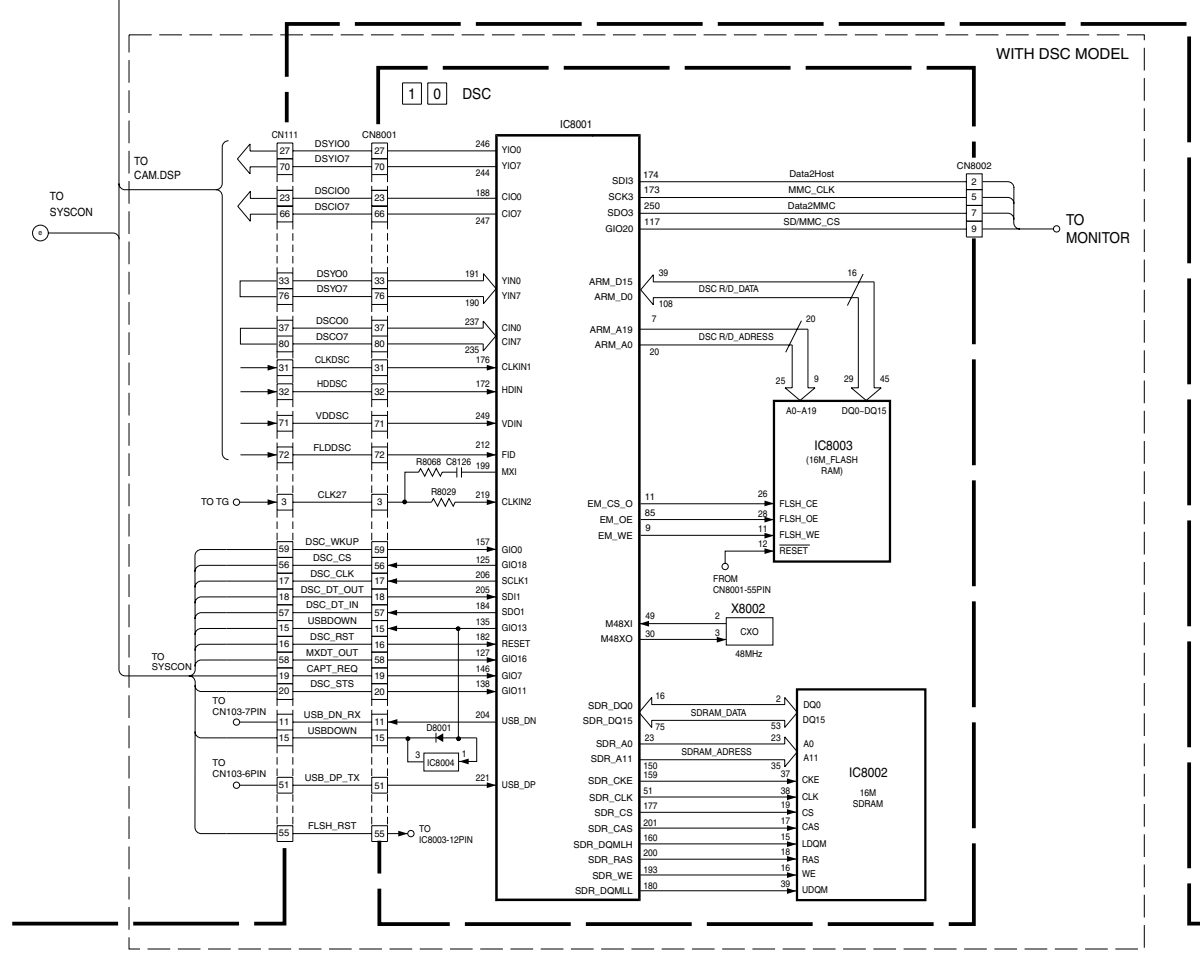
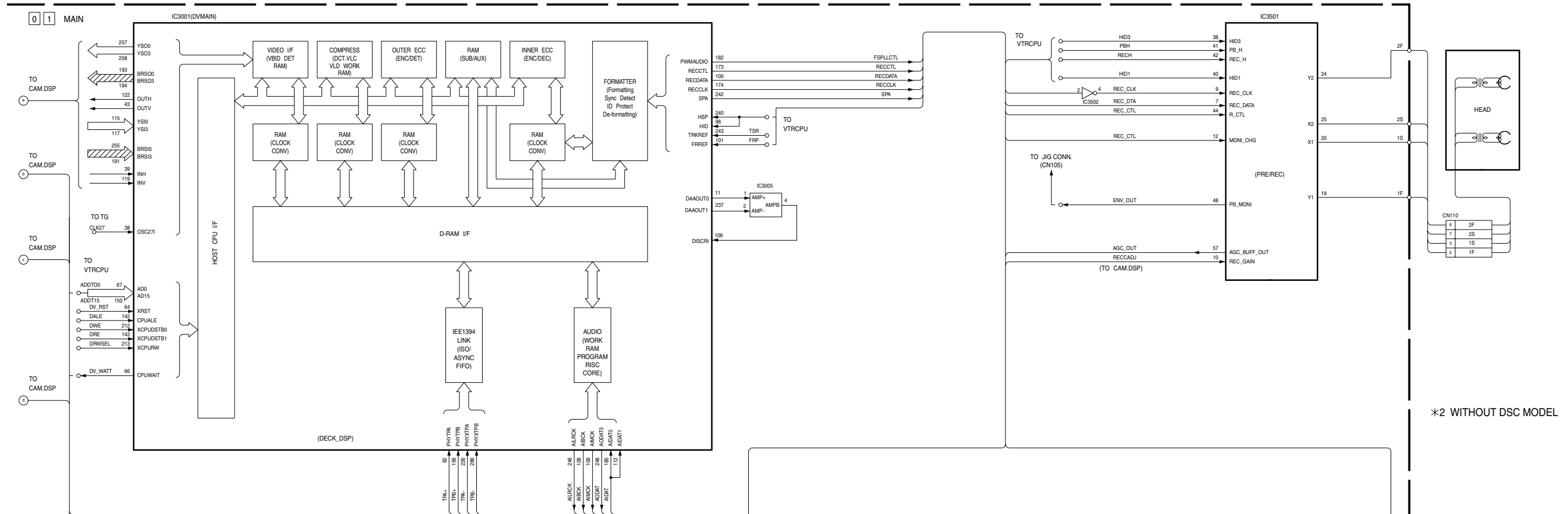
\*1 TO DSC

NC

TO DMAIN

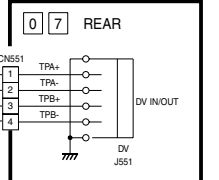
PRE/REC

5  
4  
3  
2  
1



A B C D 4-75 4-76 E F G H

\*2 WITHOUT DSC MODEL



### 4.34 REGULATOR SYSTEM SCHEMATIC DIAGRAM

