


## 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.

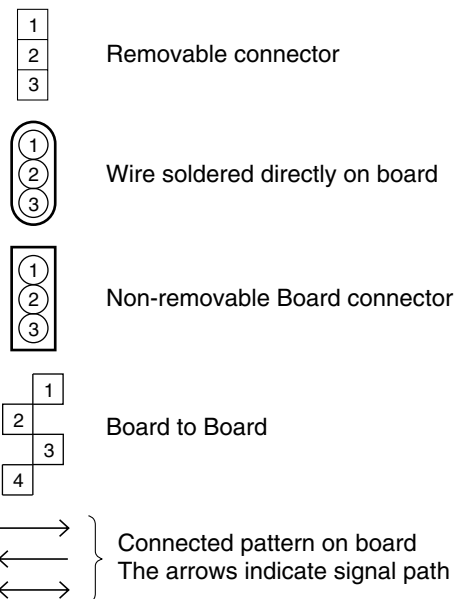
- 1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).  
Chip resistors are 1/16 W.  
K: KΩ (1000Ω), M: MΩ (1000KΩ)
- 2) All capacitance values are in μF, (P: PF).
- 3) All inductance values are in μH, (m: mH).
- 4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

#### 2. Indications of control voltage

AUX : Active at high.

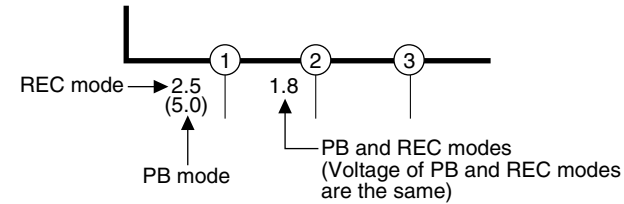
$\overline{\text{AUX}}$  or AUX(L) : Active at low.

#### 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.

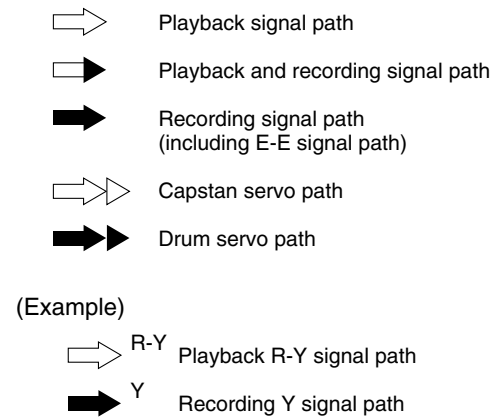


**Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.**

#### 5. Signal path Symbols

The arrows indicate the signal path as follows.

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



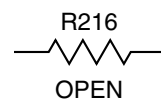
#### 6. Indication of the parts for adjustments

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.



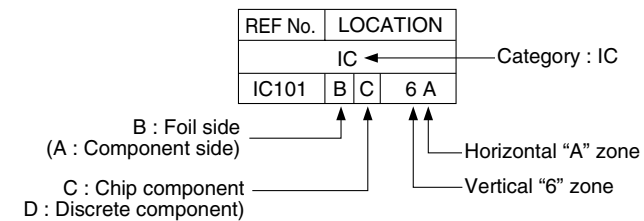
### CIRCUIT BOARD NOTES

#### 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

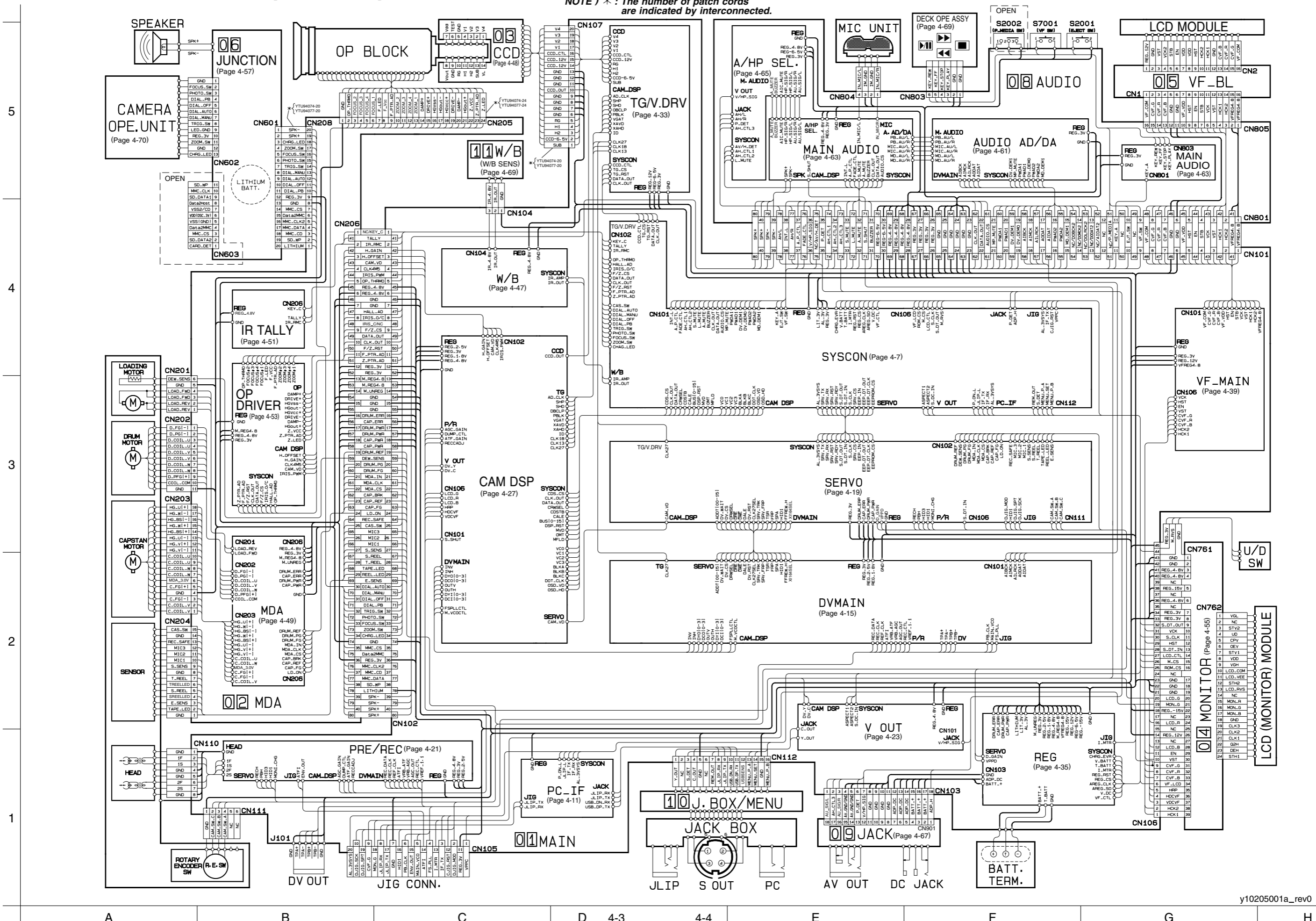
Parts location are indicated by guide scale on the circuit board.



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

4.1 BOARD INTERCONNECTIONS [GR-DVX44EG/EK]

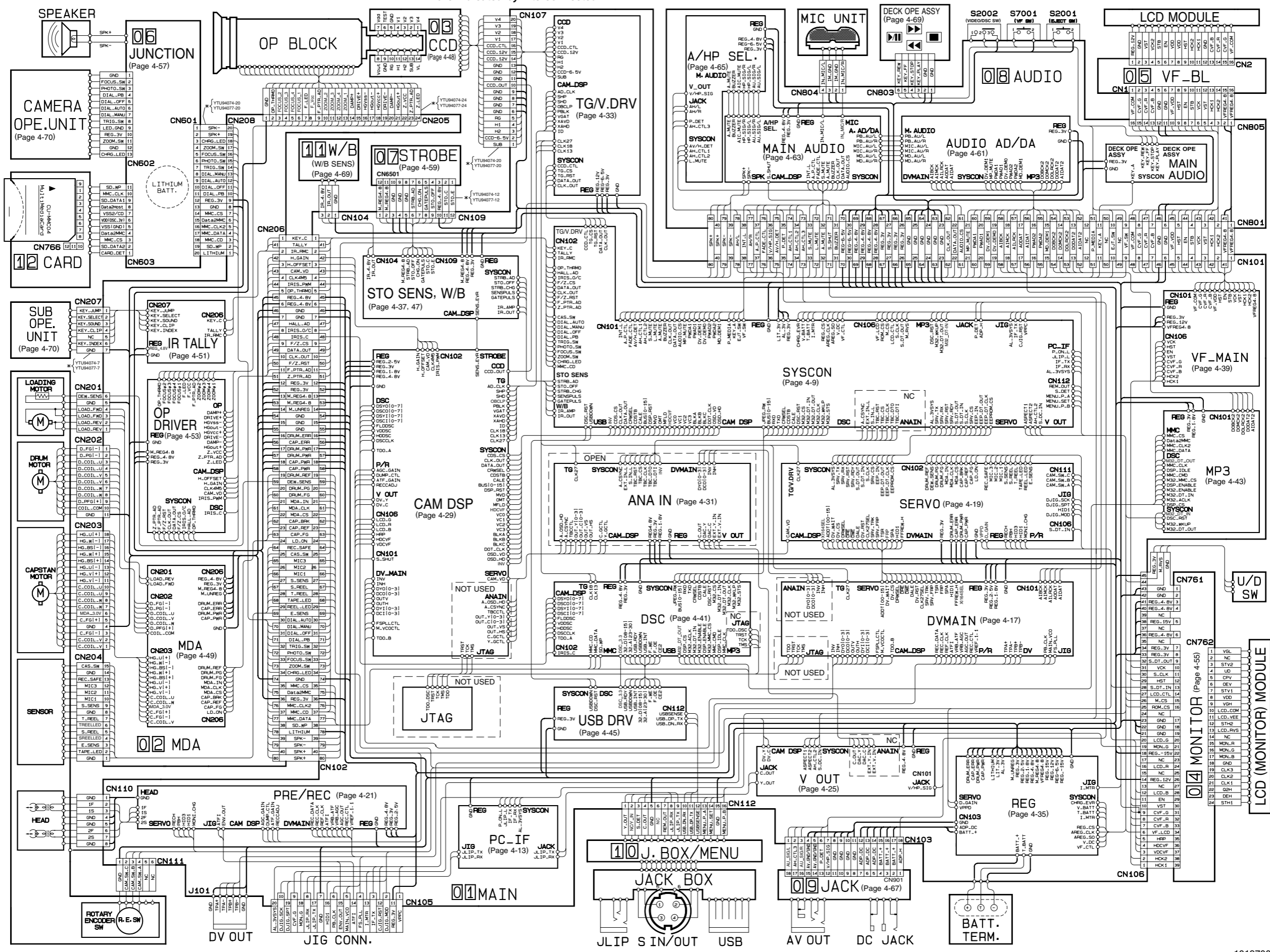
NOTE) \*: The number of patch cords are indicated by interconnects.



4.2 BOARD INTERCONNECTIONS [GR-DVX77EG/EK, DVX88EG]

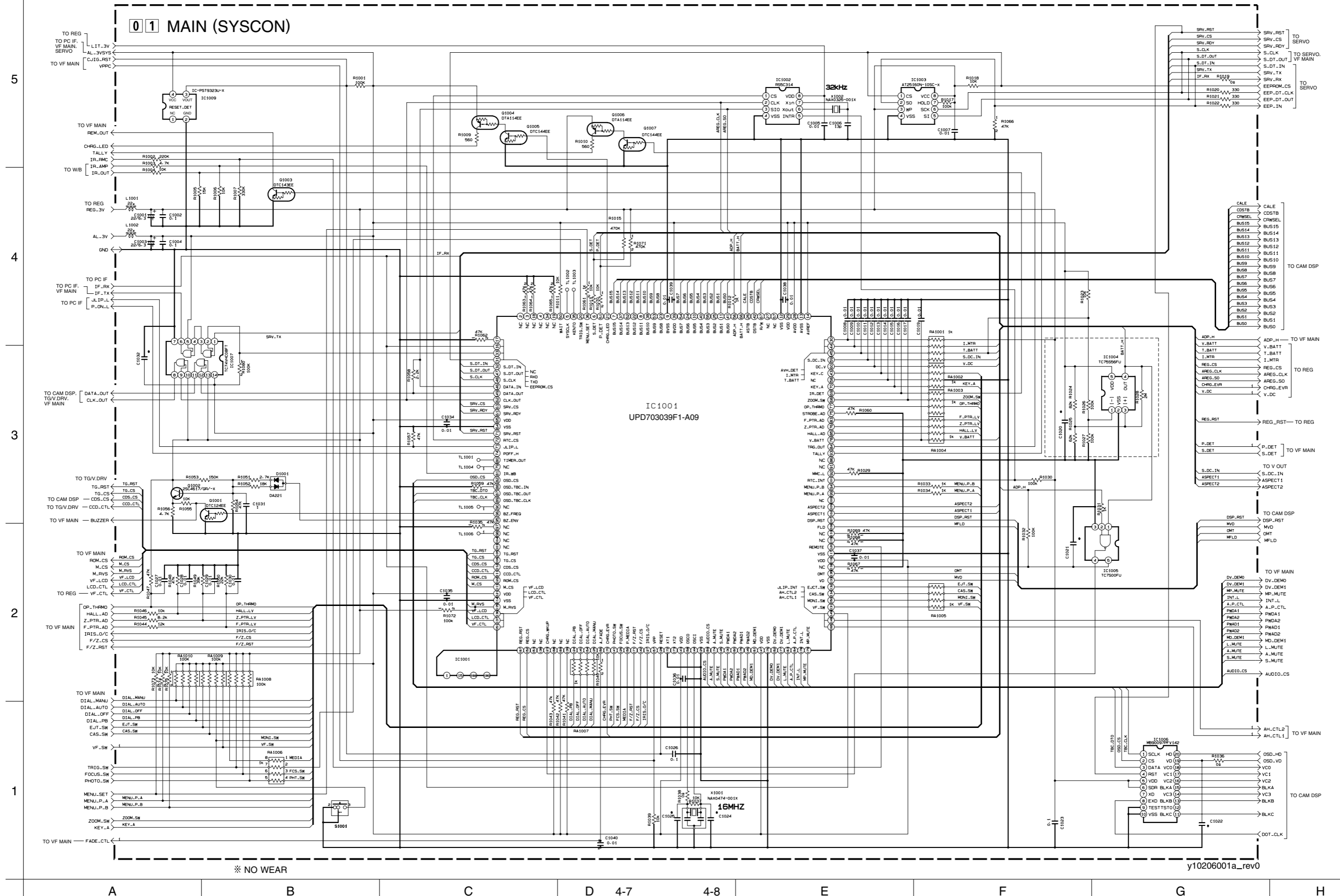
NOTE) \*: The number of patch cords are indicated by interconnects.

5  
4  
3  
2  
1



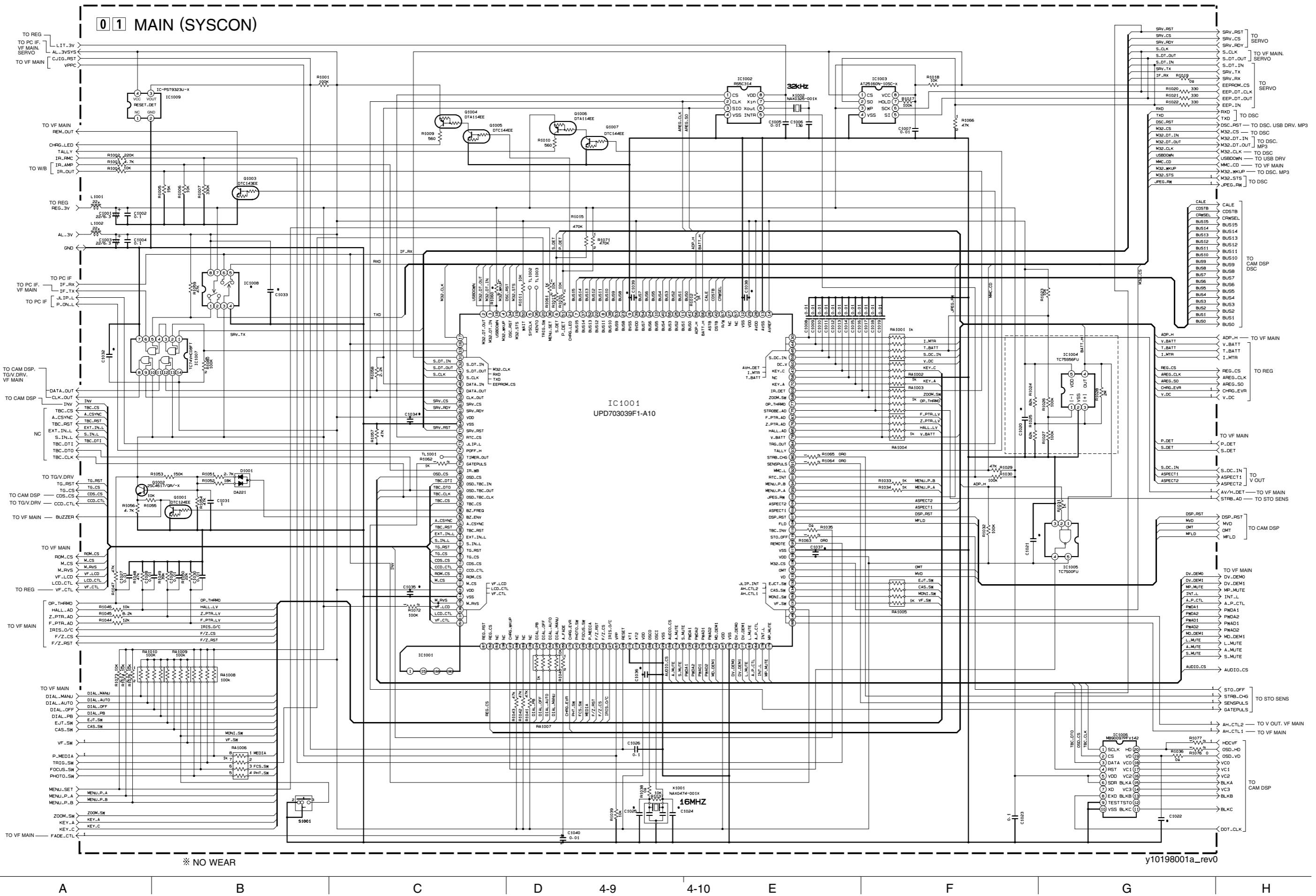
**4.3 SYSCON SCHEMATIC DIAGRAM [GR-DVX44EG/EK]**

**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.



#### 4.4 SYSCON SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

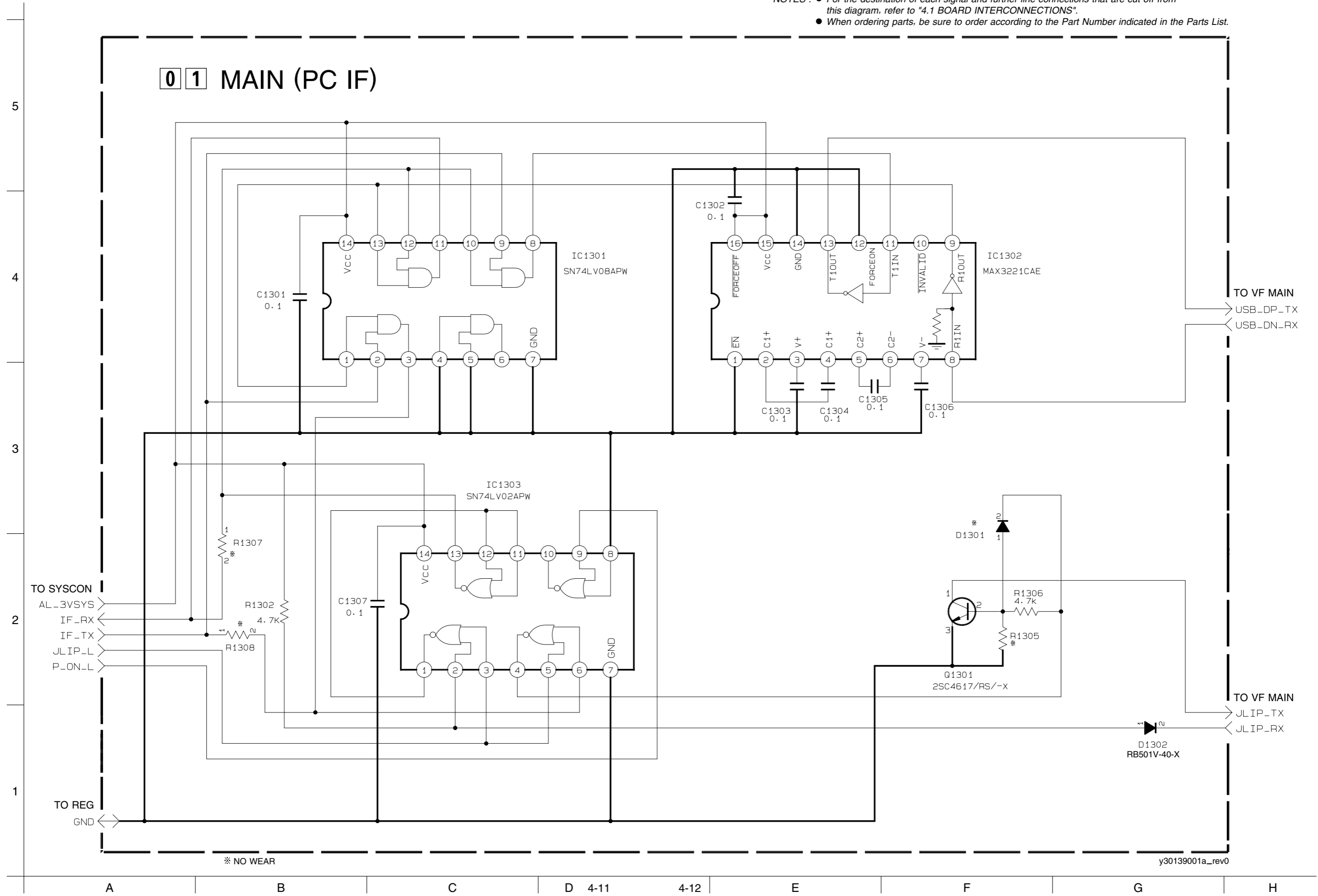
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



※ NO WEAR

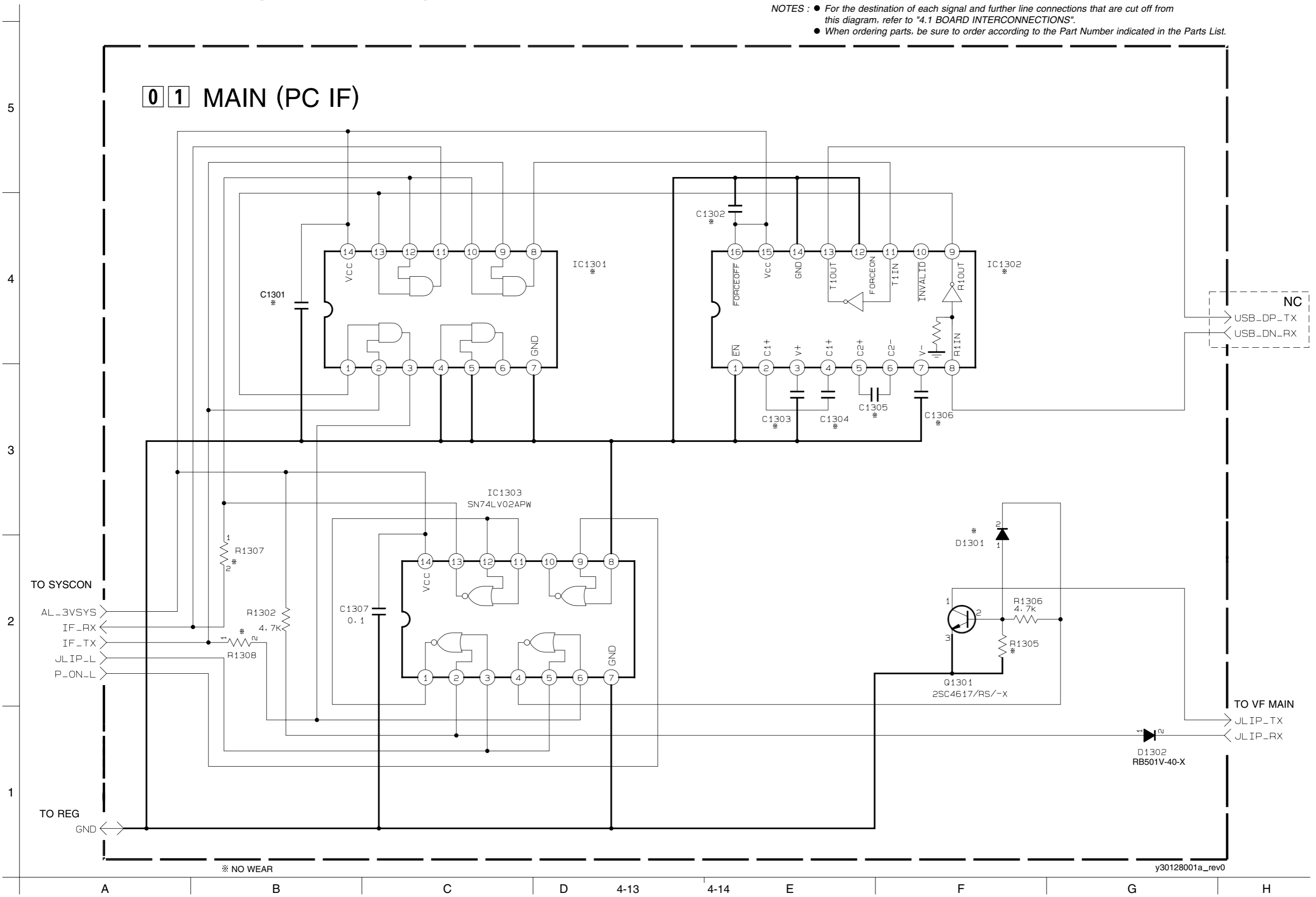
4.5 PC IF SCHEMATIC DIAGRAM [GR-DVX44EG/EK]

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.



4.6 PC IF SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

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.



01 MAIN (PC IF)

5  
4  
3  
2  
1

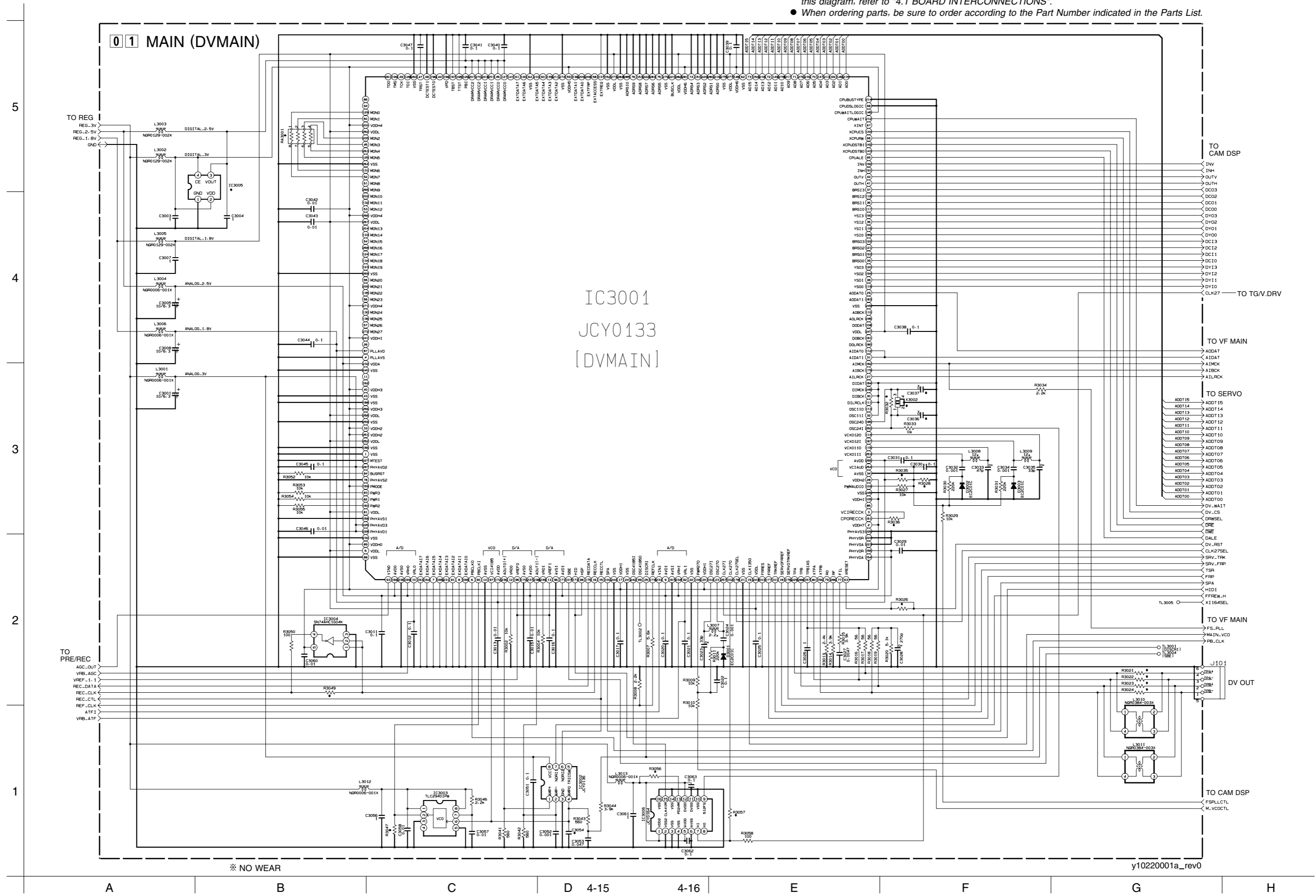
A B C D 4-13 4-14 E F G H

※ NO WEAR

y30128001a\_rev0

4.7 DVMAIN SCHEMATIC DIAGRAM [GR-DVX44EG/EK]

- 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.



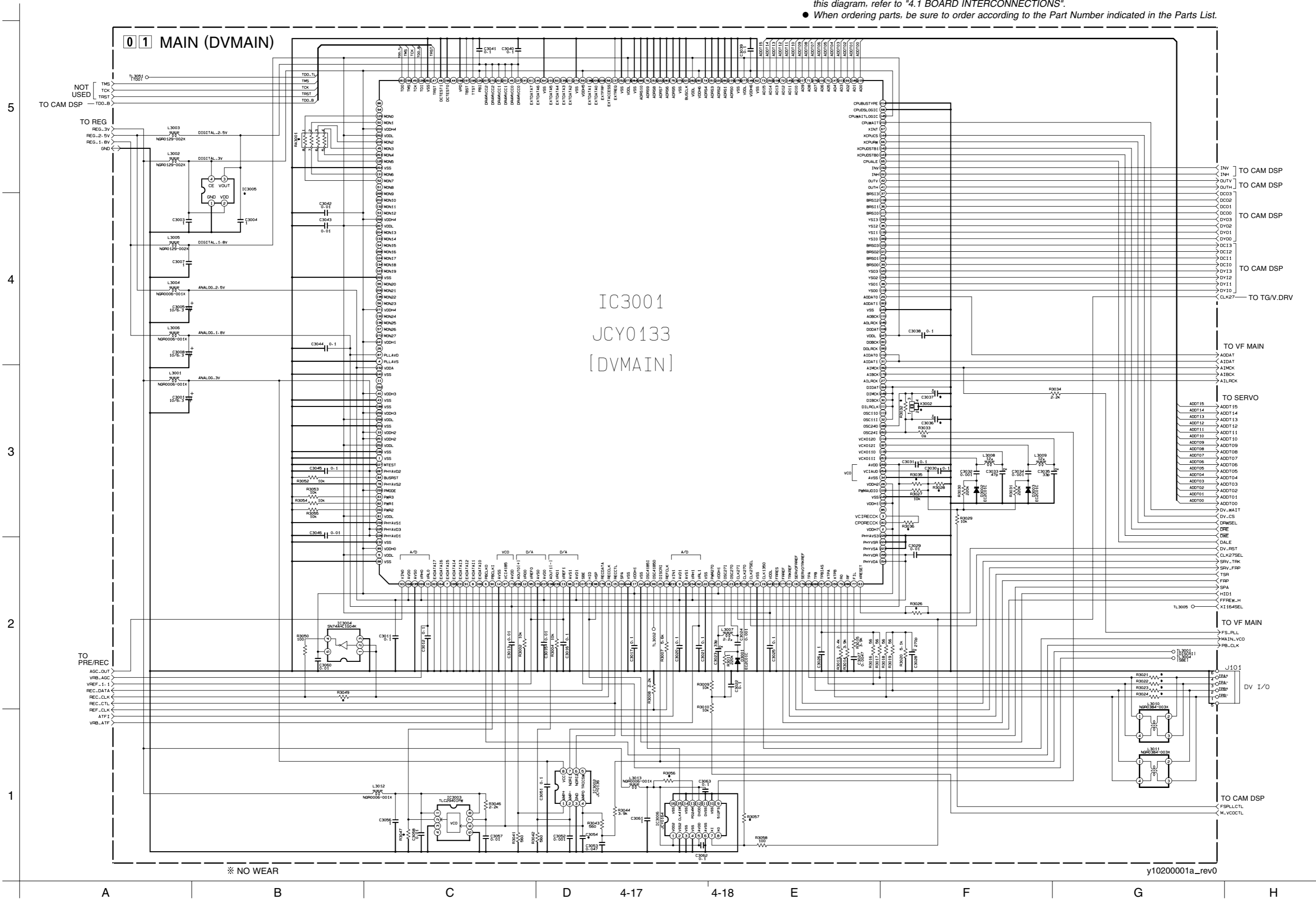
※ NO WEAR

y10220001a\_rev0



4.8 DVMAIN SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

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.

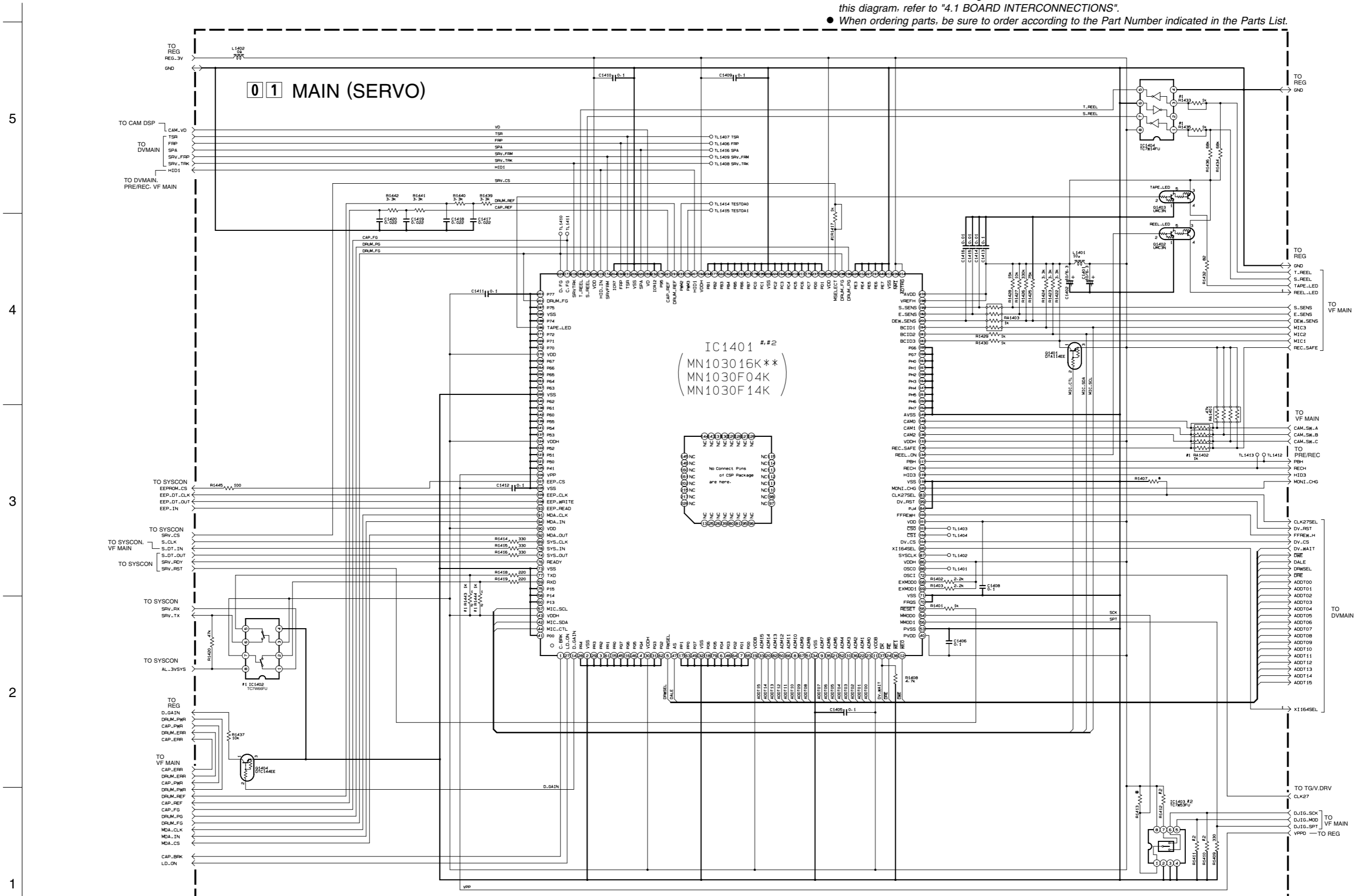


※ NO WEAR

y1020001a\_rev0

4.9 SERVO 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.



#	MODEL	IC1401
	GR-DVX44EG/EK	YQ44887A
	GR-DVX77EG/EK, DVX88EG	YQ44888A

#1	MODEL	IC1402	R1417	R1443	R1435	R1443	R1444	R1402
	GR-DVX44EG/EK	TC7W66FU	1k	1k	1k	NONE	NONE	1k
	GR-DVX77EG/EK, DVX88EG	NONE	NONE	NONE	NONE	1k	1k	NONE

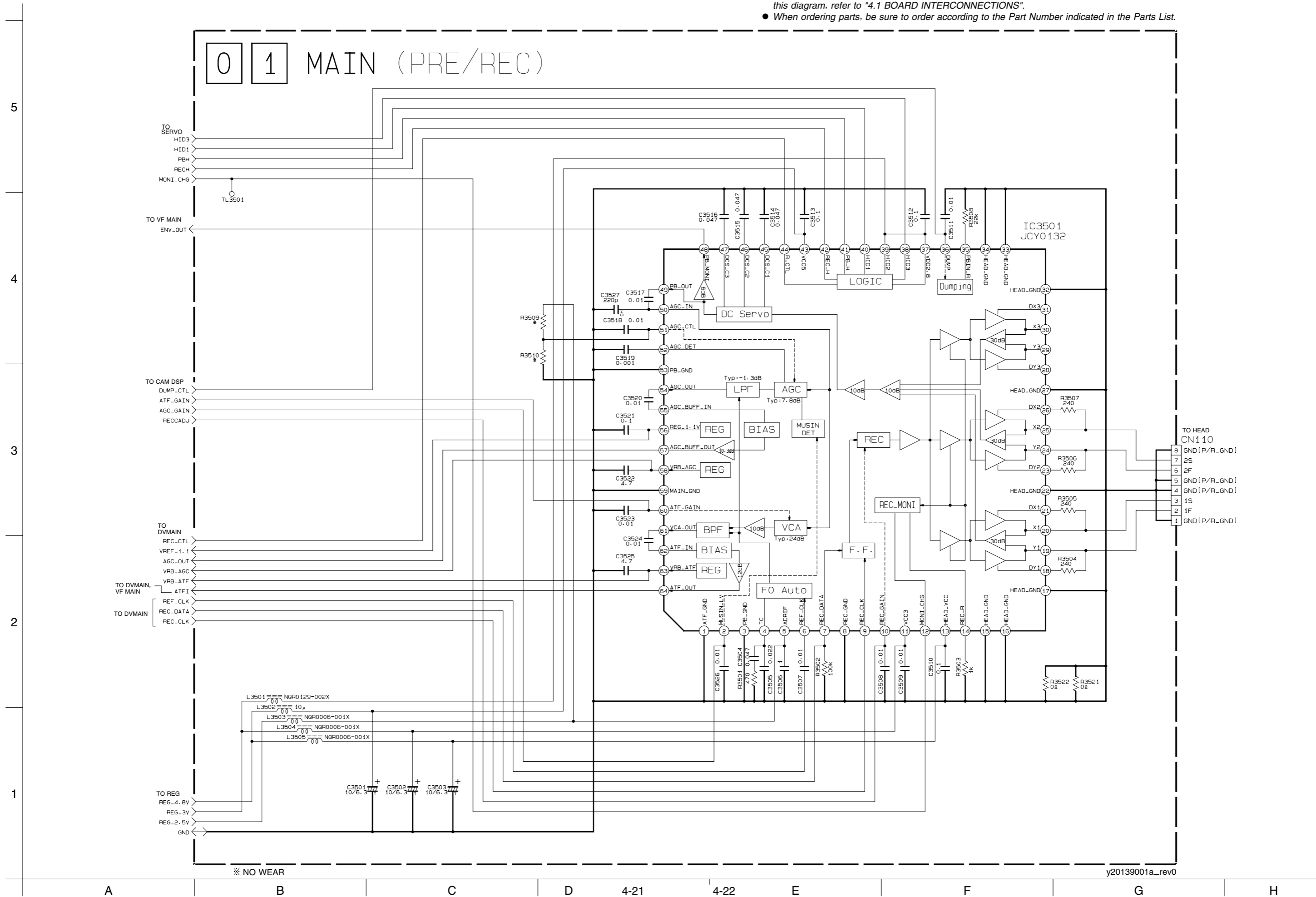
#2	MODEL	ROMTYPE	IC1401	IC1403	R1410	R1411	R1412
	GR-DVX44EG/EK	FLASH	MN1030F04KYBJN	TC7W53FU	330	47k	330
		MASK	MN10316KJN	NONE	NONE	NONE	NONE
	GR-DVX77EG/EK, DVX88EG	FLASH	MN1030F04KYBJP	TC7W53FU	330	47k	330
		MASK	MN10316KJP	NONE	NONE	NONE	NONE

※ NO WEAR

y10199001a\_rev0

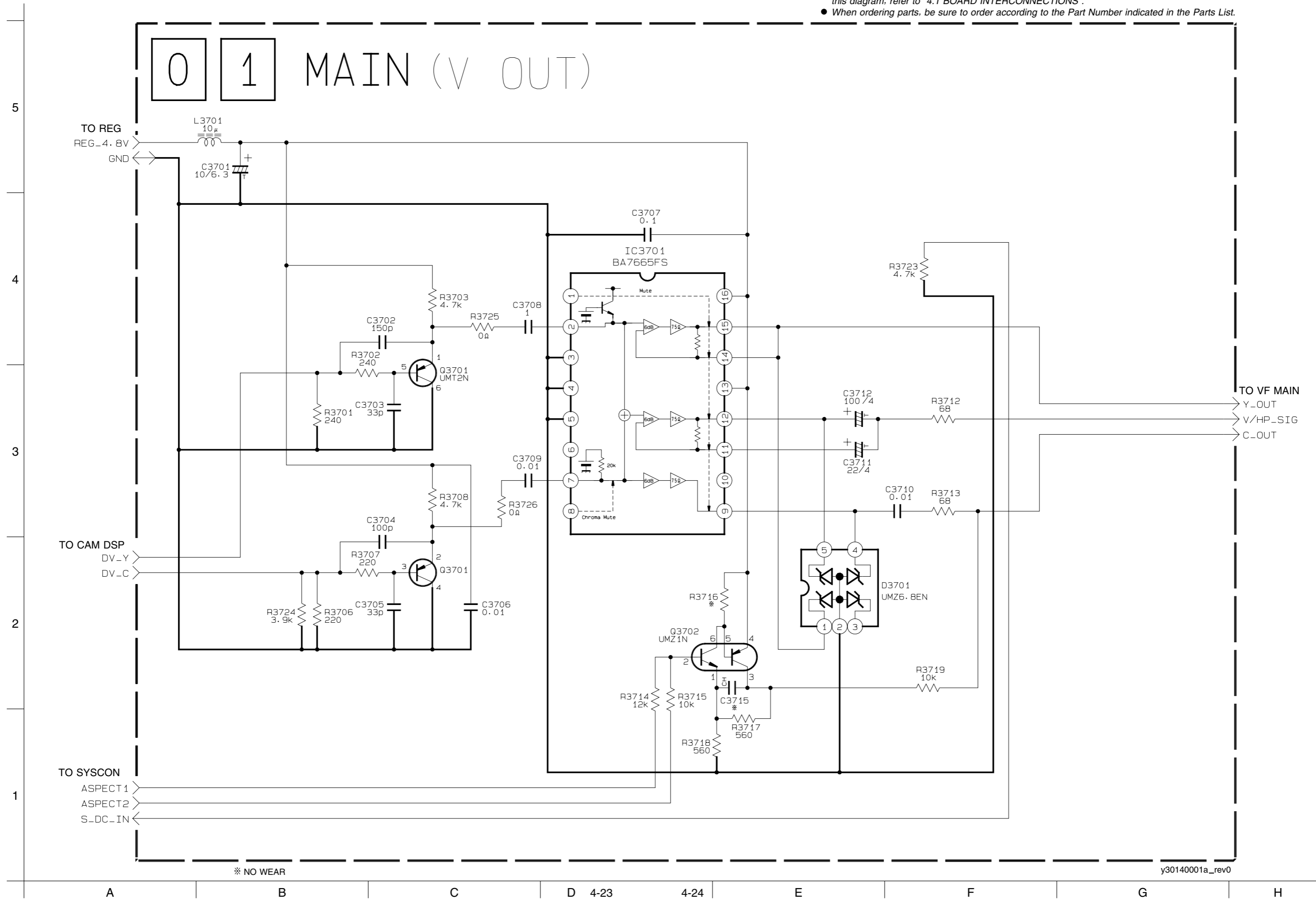
4.10 PRE/REC SCHEMATIC DIAGRAM

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.



4.11 V OUT SCHEMATIC DIAGRAM [GR-DVX44EG/EK]

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.

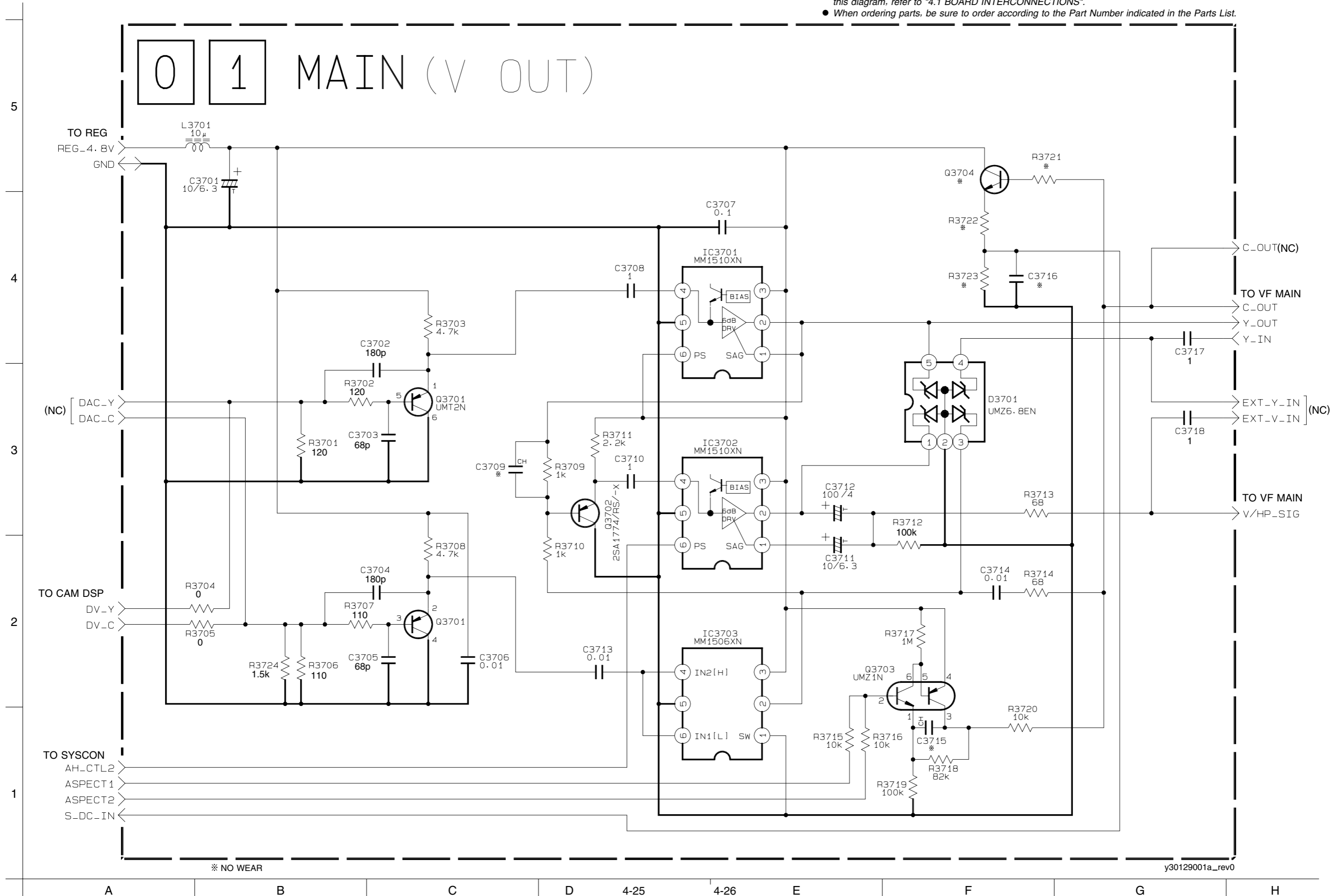


\* NO WEAR

y30140001a\_rev0

4.12 V OUT SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

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.

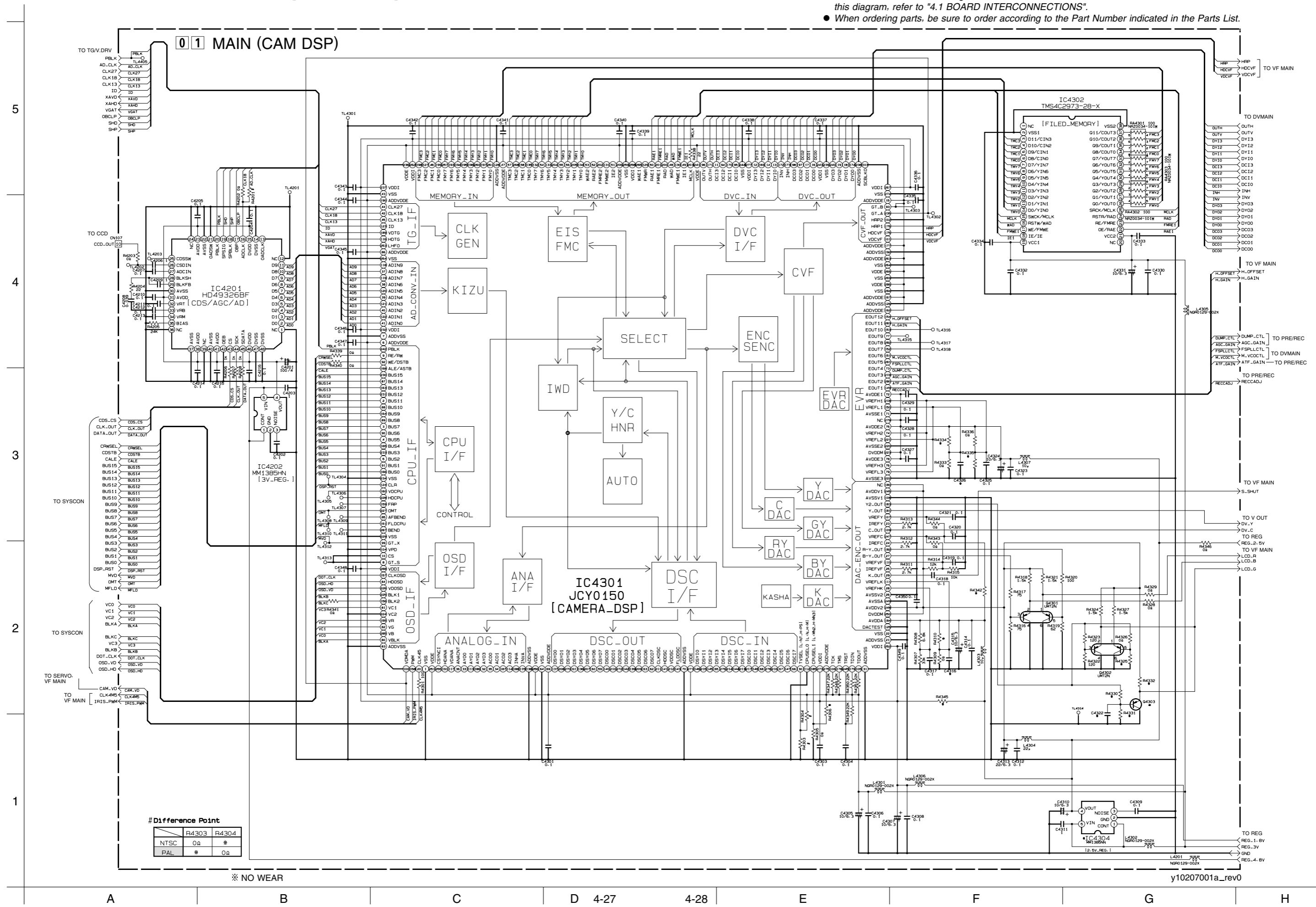


\* NO WEAR

y30129001a\_rev0

4.13 CAM DSP SCHEMATIC DIAGRAM [GR-DVX44EG/EK]

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.



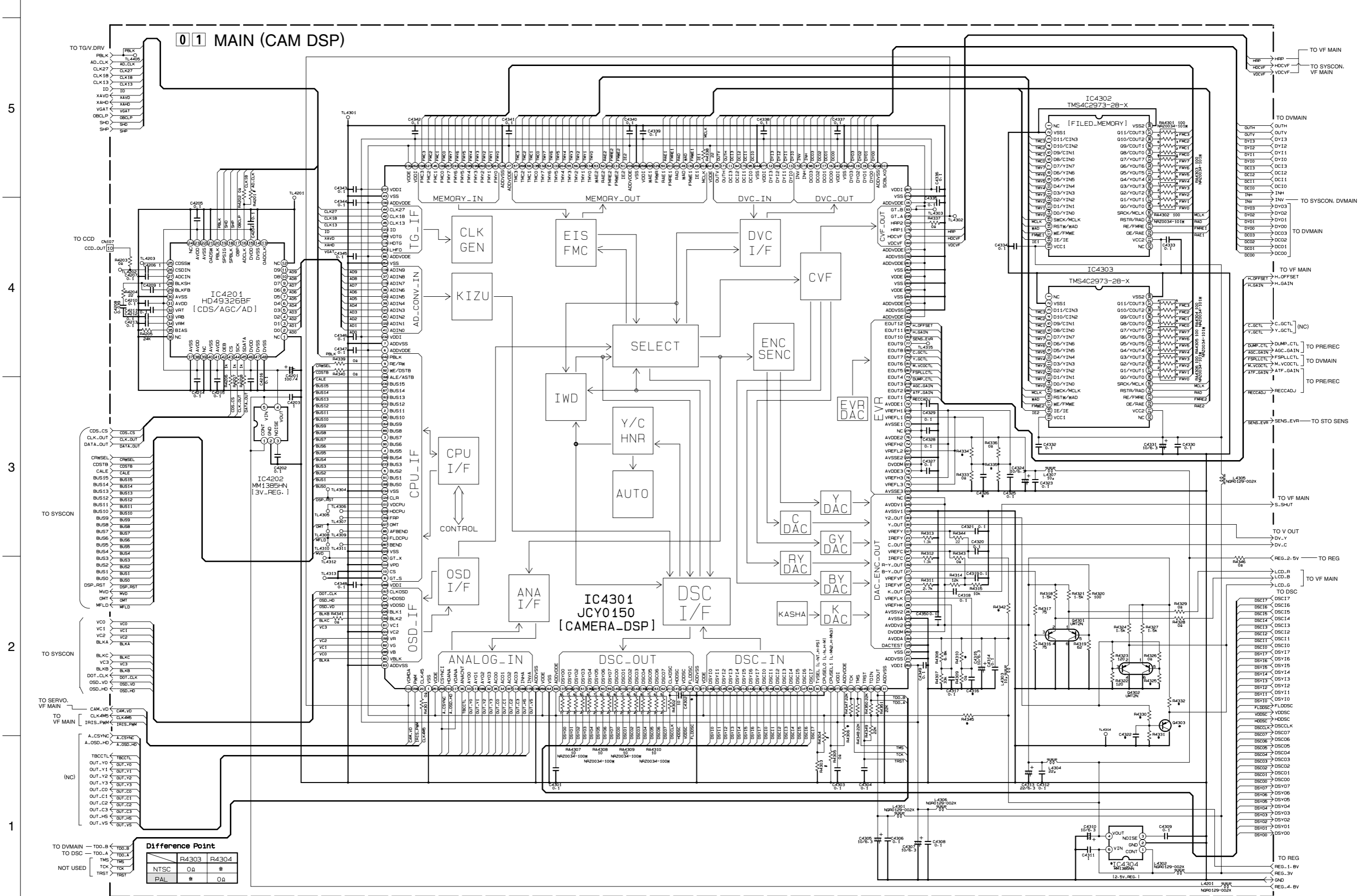
# Difference Point

	R4303	R4304
NTSC	0Ω	*
PAL	*	0Ω

\* NO WEAR

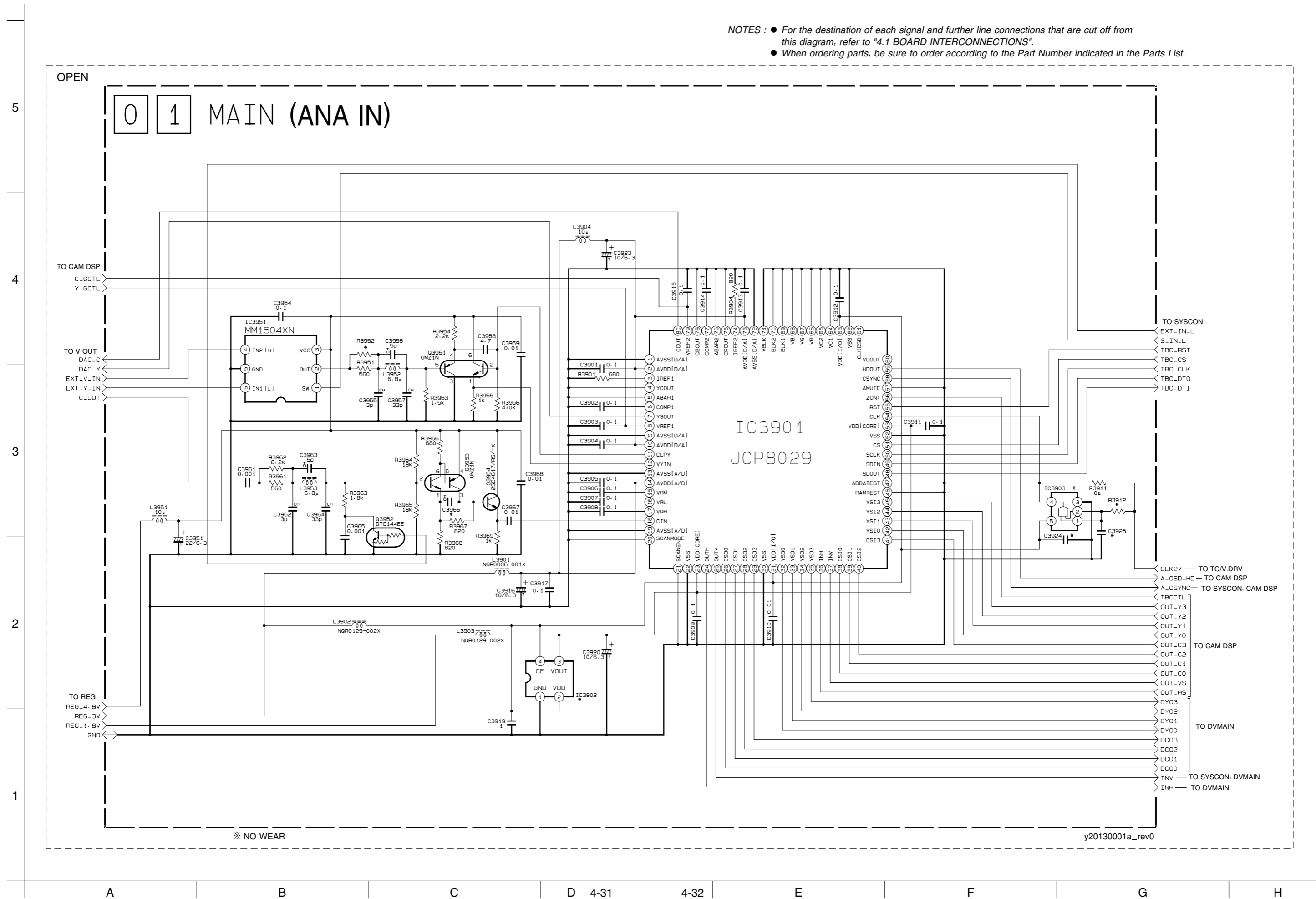
y10207001a\_rev0

4.14 CAM DSP SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]



4.15 ANA IN SCHEMATIC DIAGRAM [THIS SCHEMATIC DIAGRAM IS NOT USED]

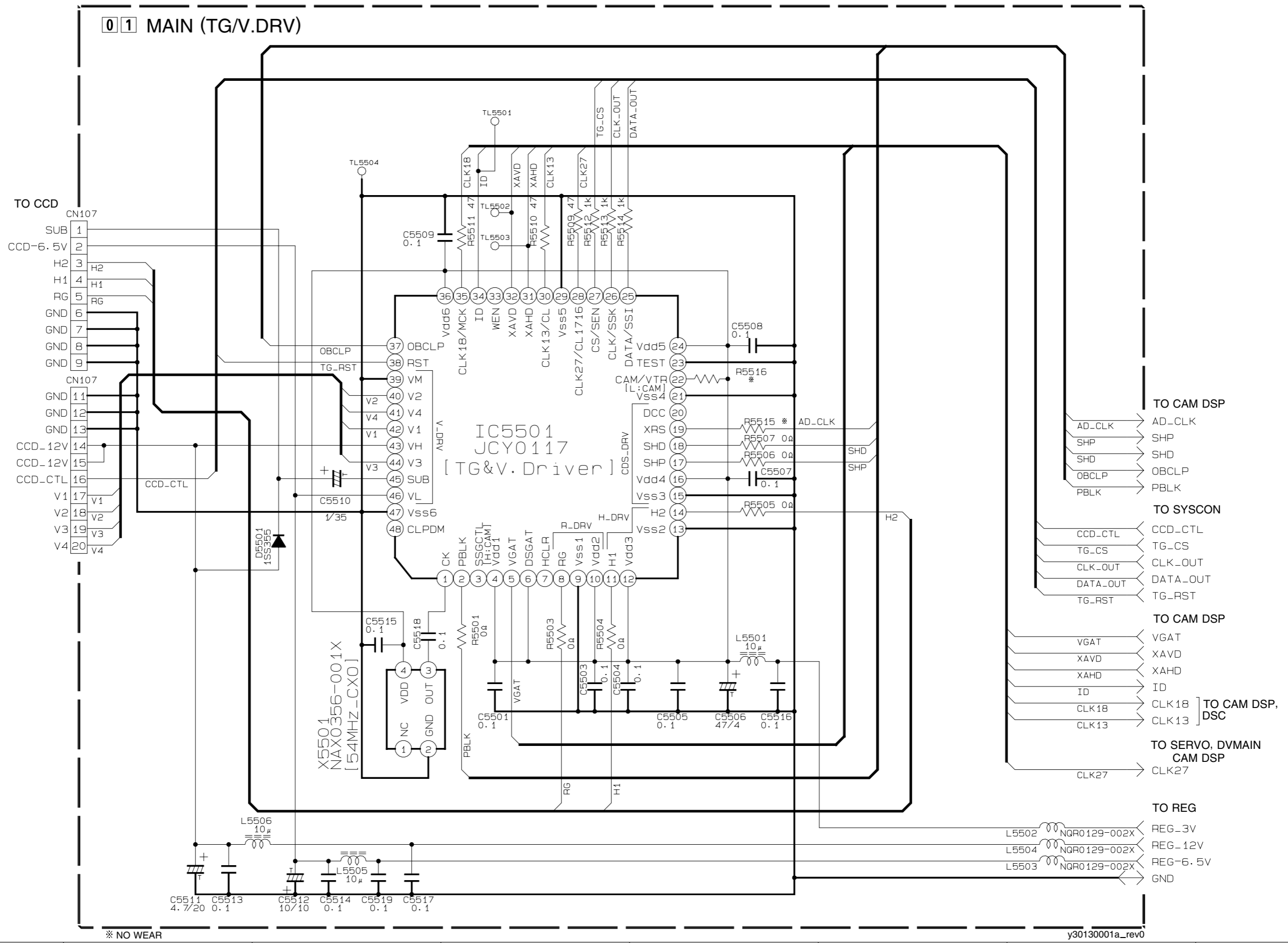
- NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.





4.16 TG/V.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.

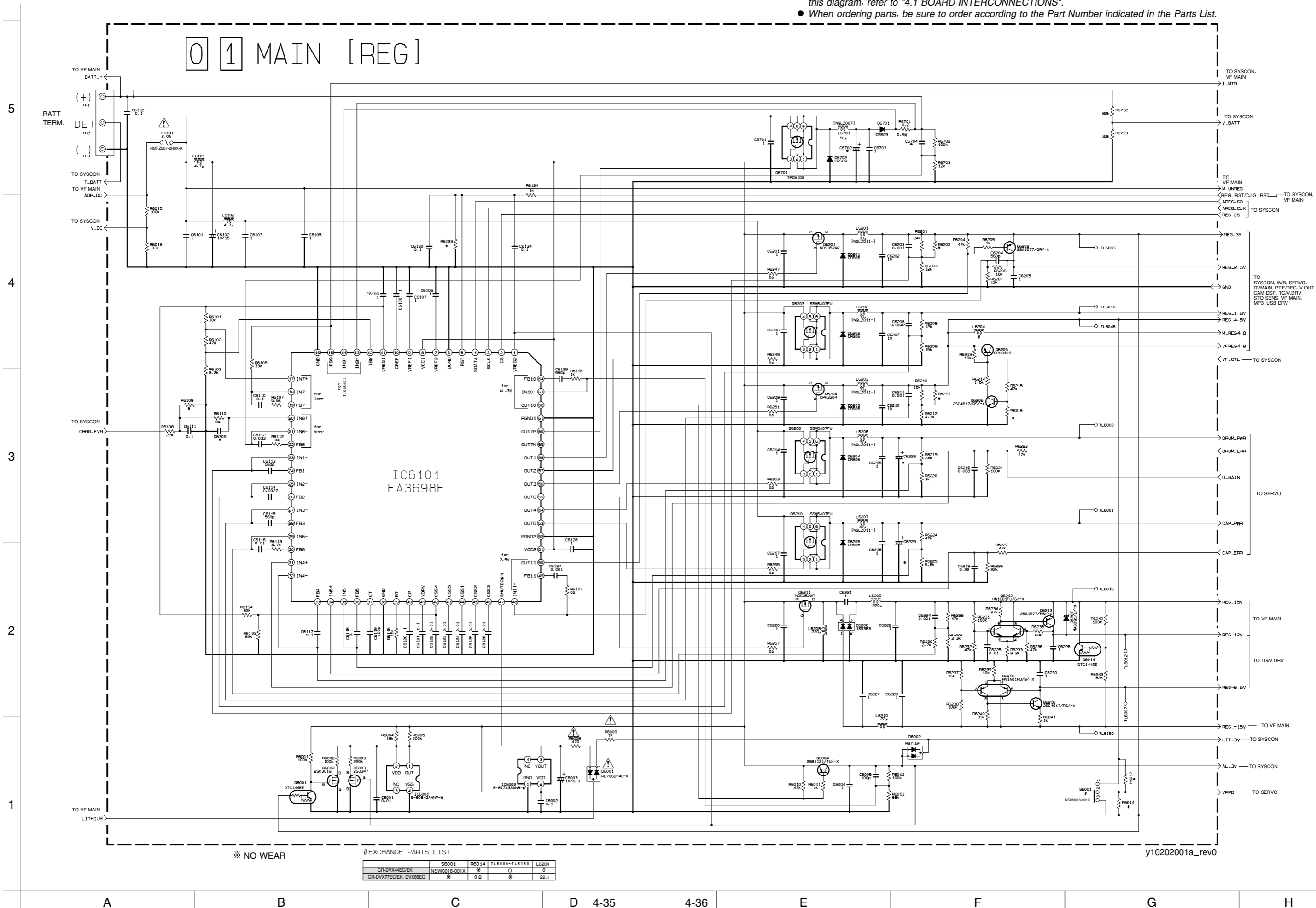


※ NO WEAR

y30130001a\_rev0

4.17 REG 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.



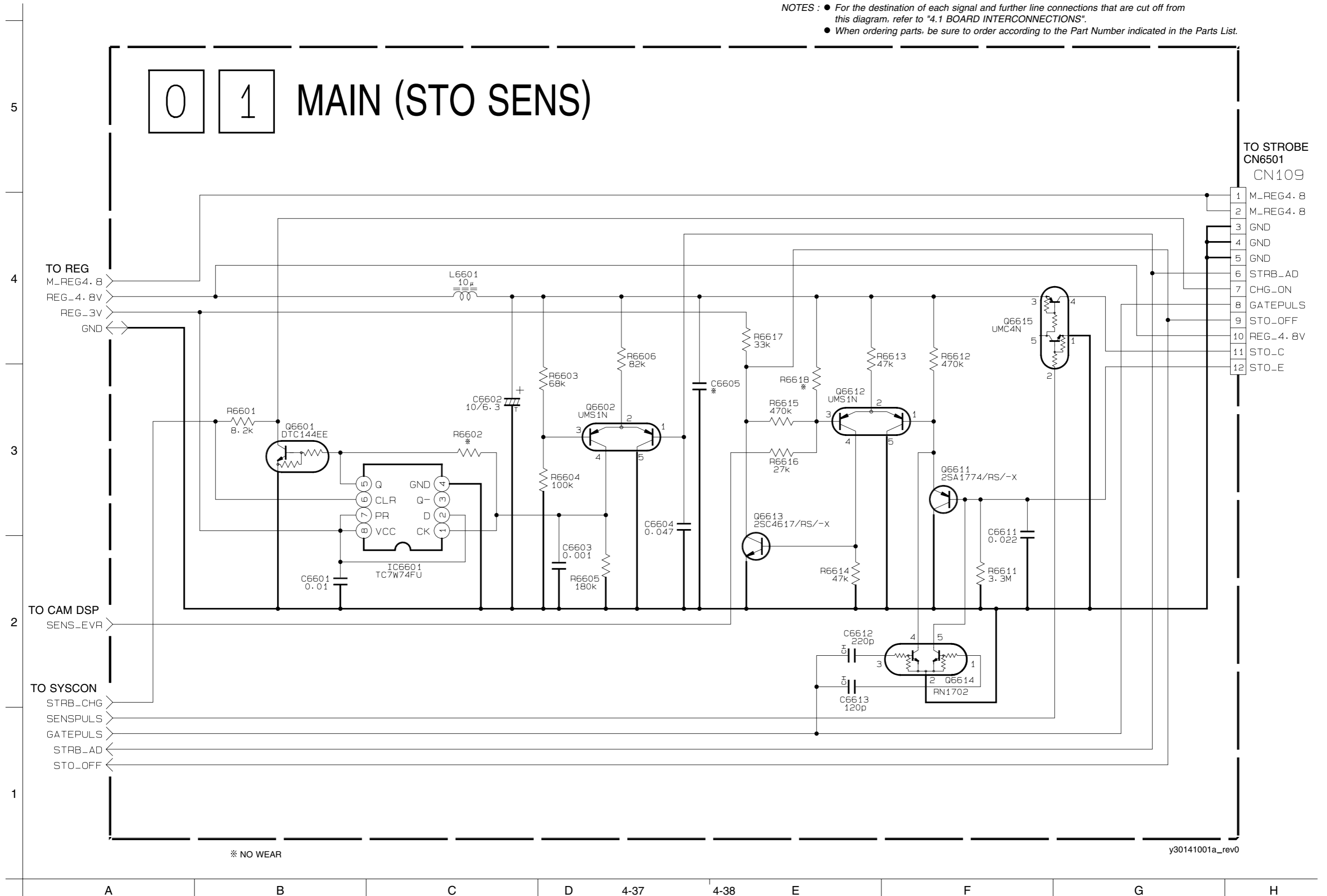
※ NO WEAR #EXCHANGE PARTS LIST

GR-DVX44EG/EX	SE001	REG14	TL6689-TL6159	L6204
GR-DVX77EG/EX, DVX88EG	NSW0018-001X	※	○	○
	※	○	※	22μ

y10202001a\_rev0

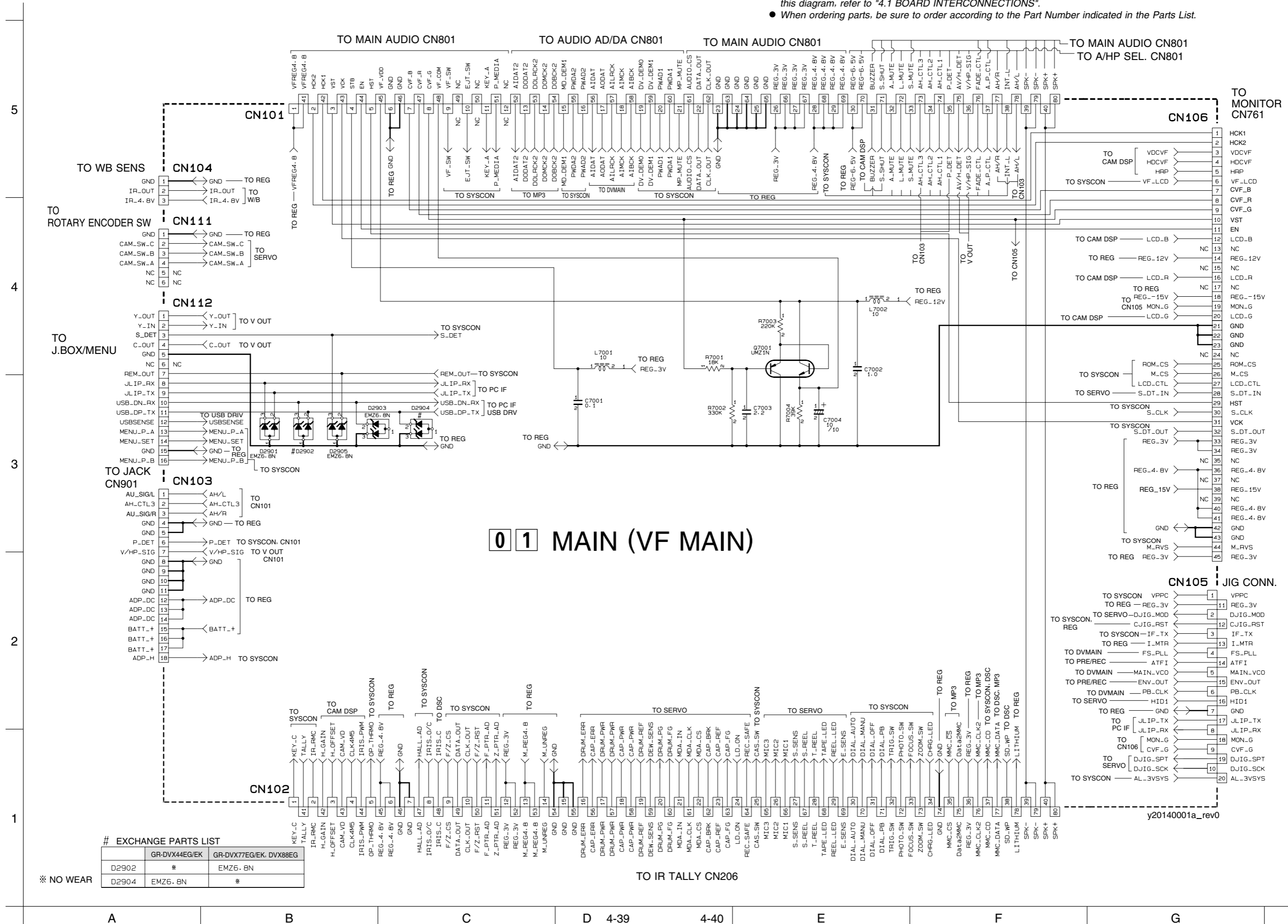
4.18 STO SENS SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

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.



4.19 VF MAIN 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

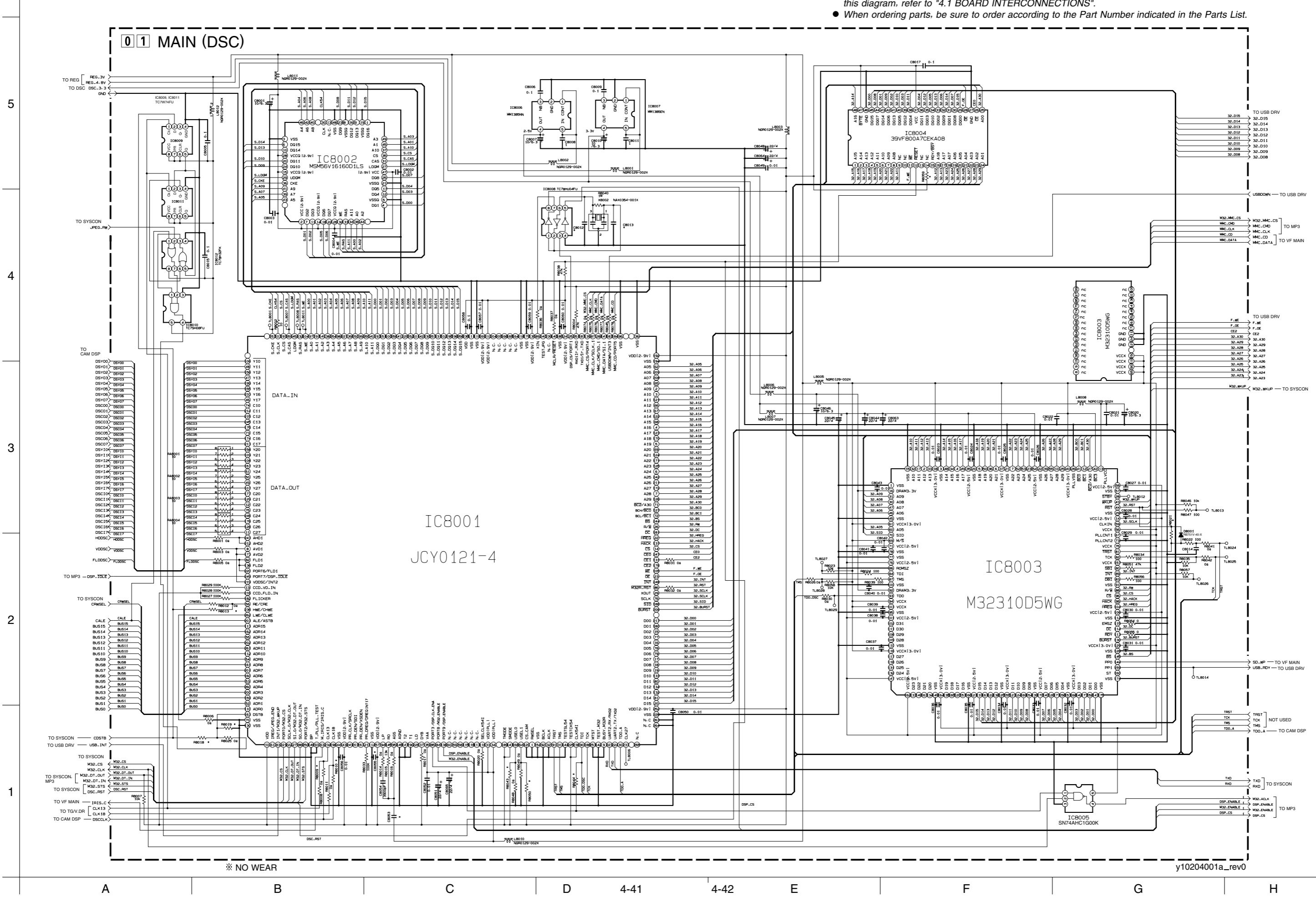
	GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG
D2902	*	EMZ6. 8N
D2904	EMZ6. 8N	*

\* NO WEAR

y20140001a\_rev0

4.20 DSC SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

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.

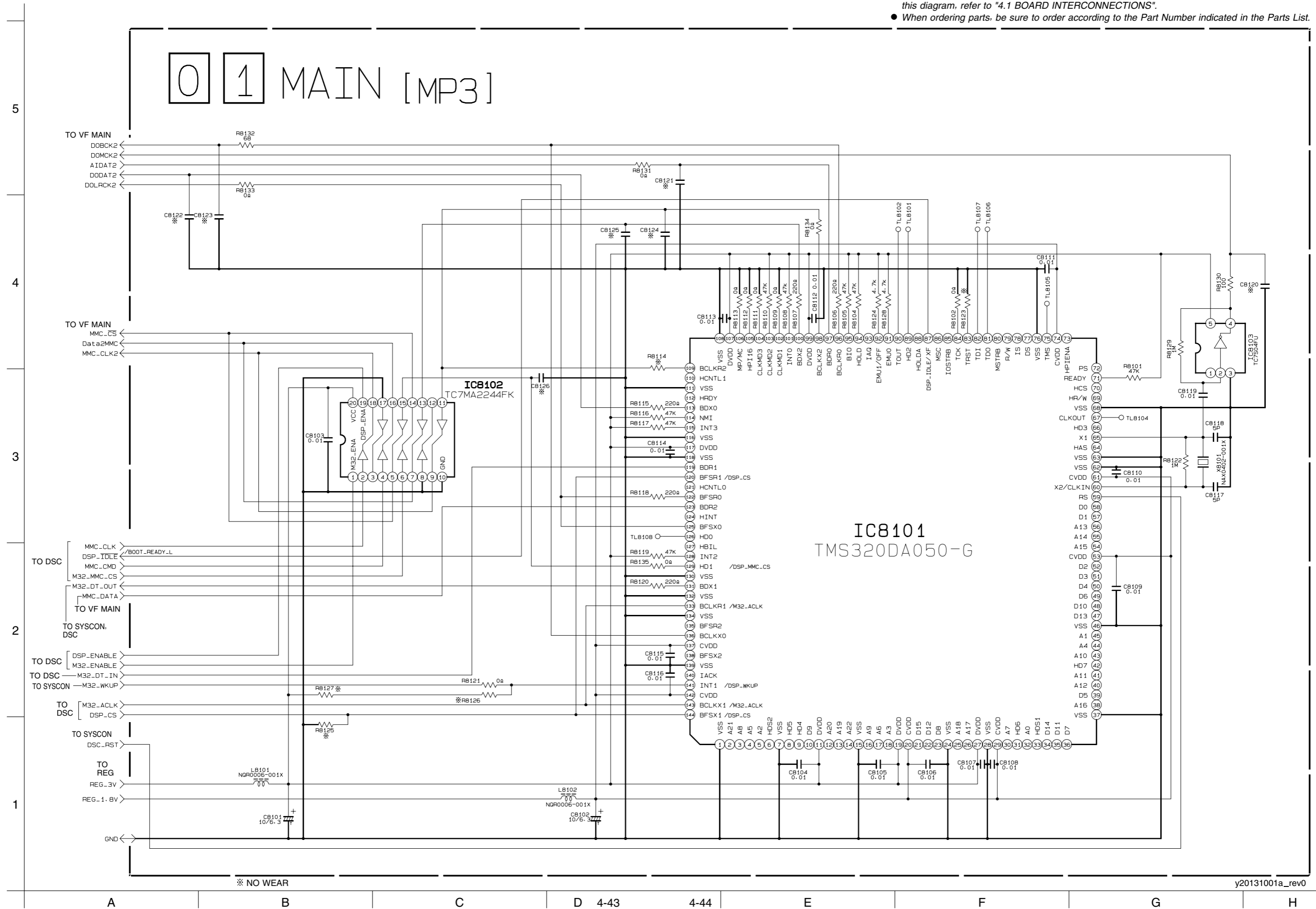


\* NO WEAR

y10204001a\_rev0

4.21 MP3 SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

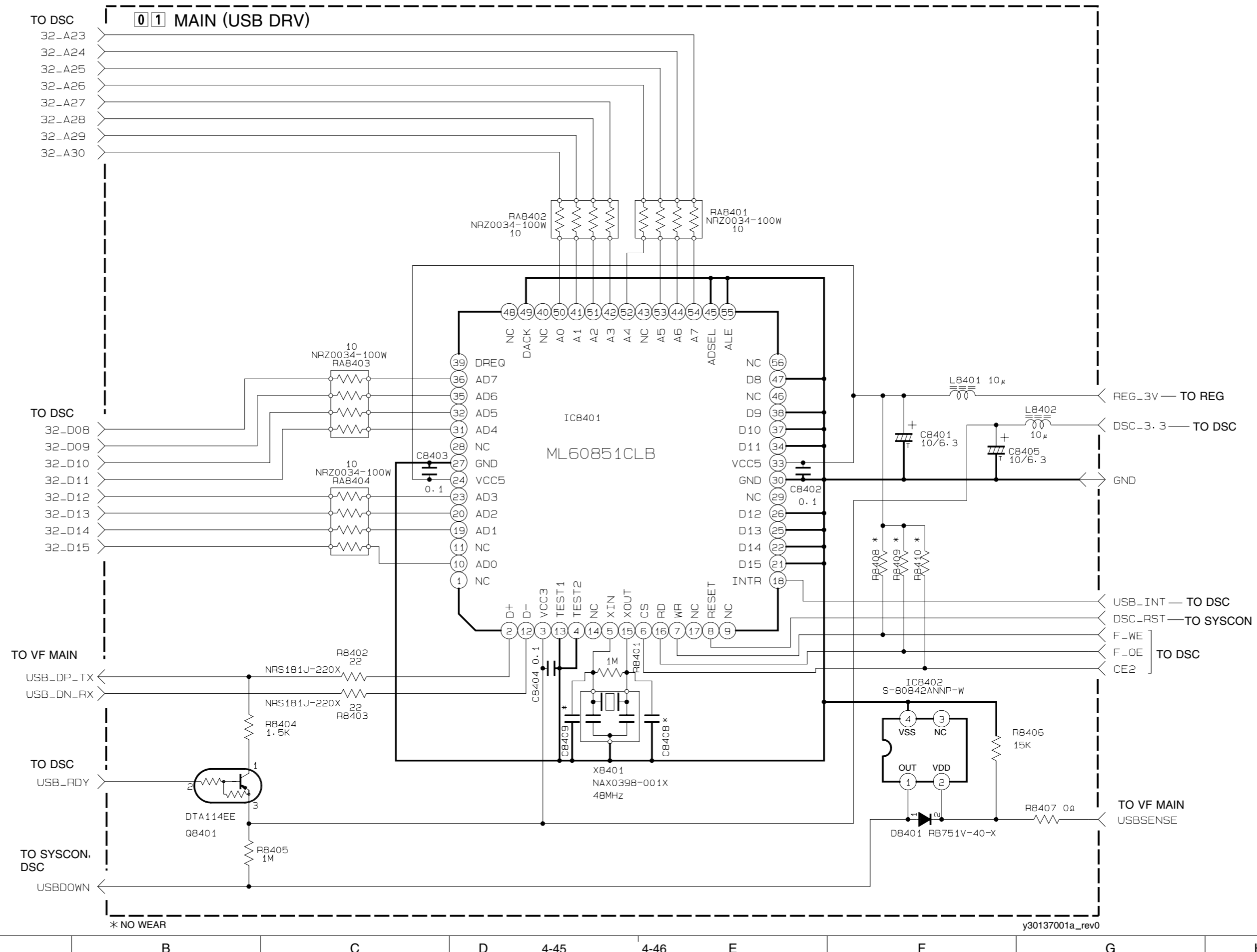
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



\* NO WEAR

4.22 USB DRV SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

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.



\* NO WEAR

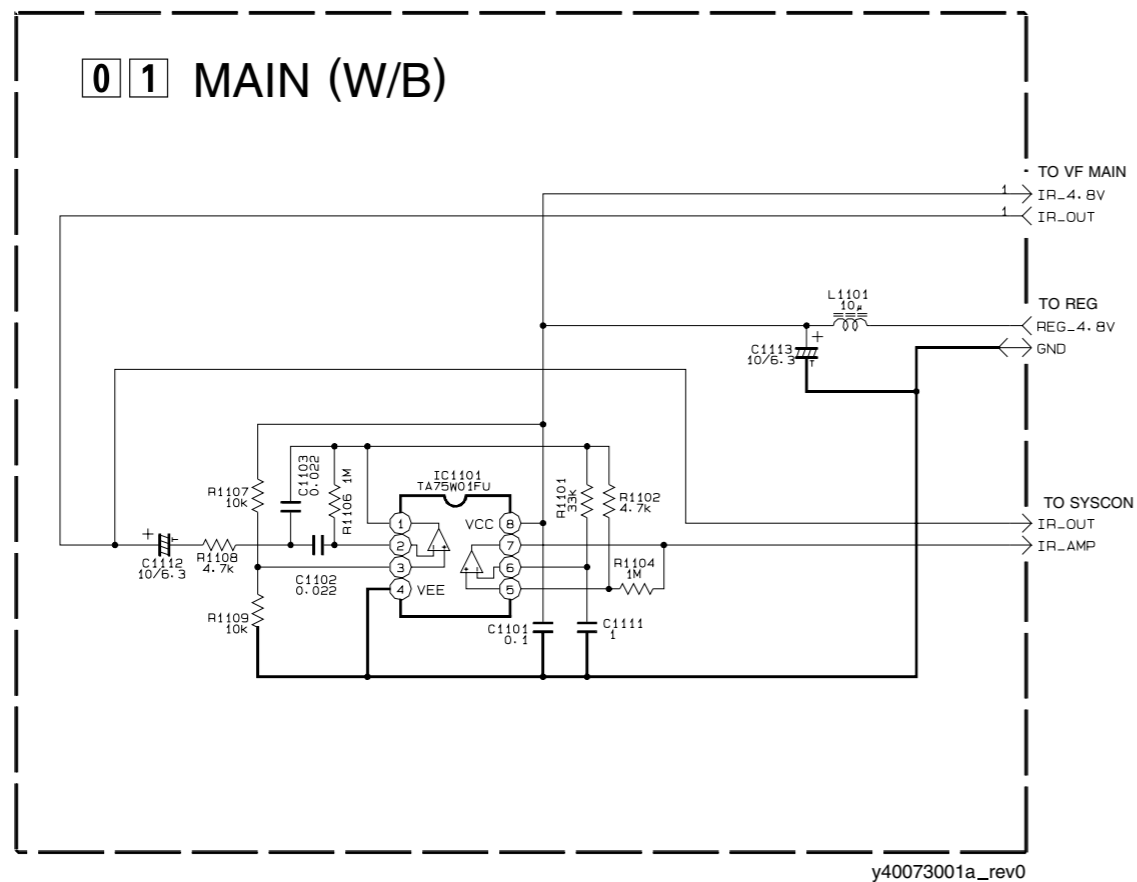
y30137001a\_rev0

A B C D 4-45 4-46 E F G H

5  
4  
3  
2  
1

4.23 W/B 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.

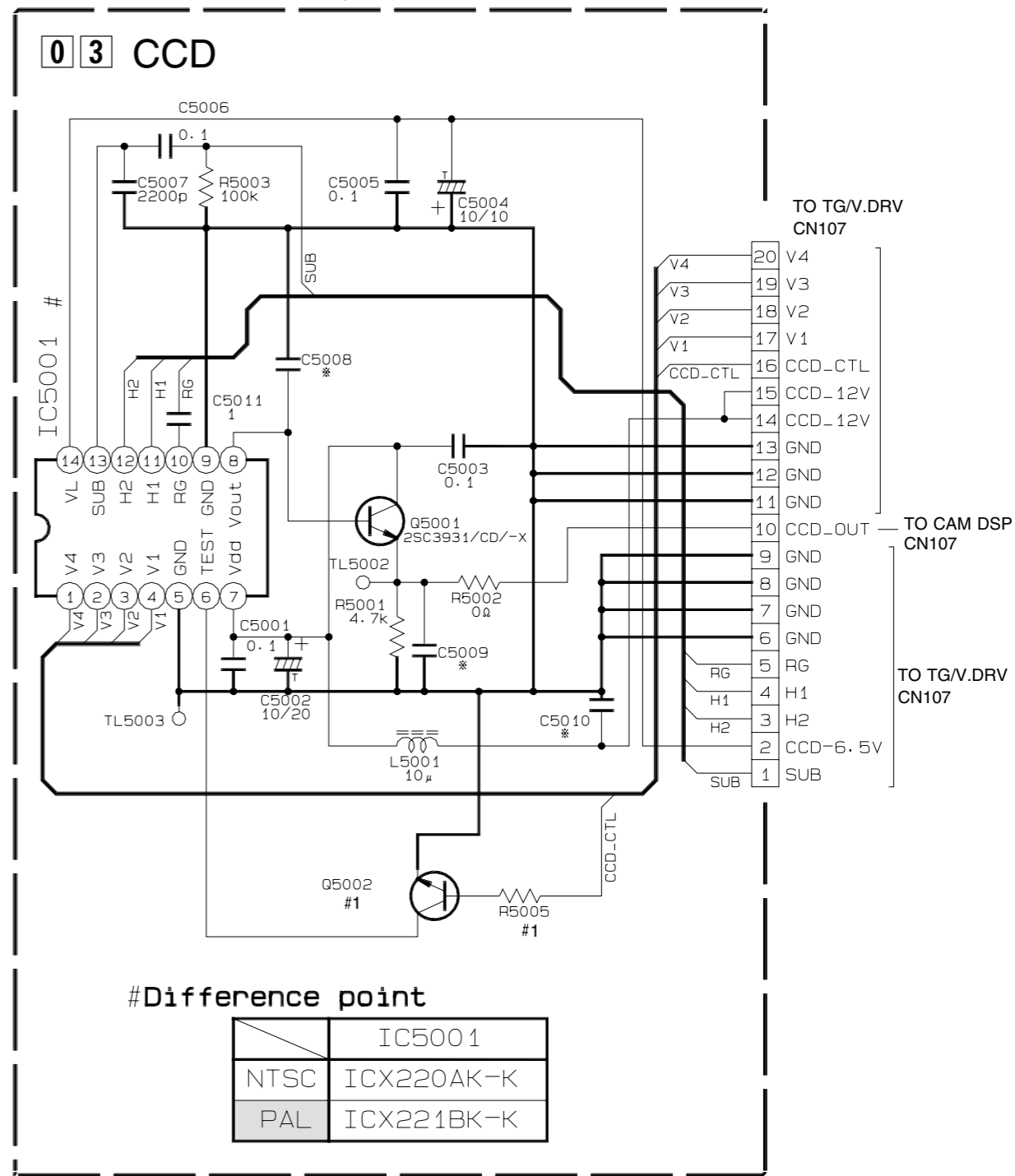


y40073001a\_rev0

4.24 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.

- IC5001 is incorporated in the CCD base assembly. When IC5001 needs replacement, replace the CCD base assembly in whole because it cannot be replaced alone.



y40072001a\_rev0

#Difference point

	IC5001
NTSC	ICX220AK-K
PAL	ICX221BK-K

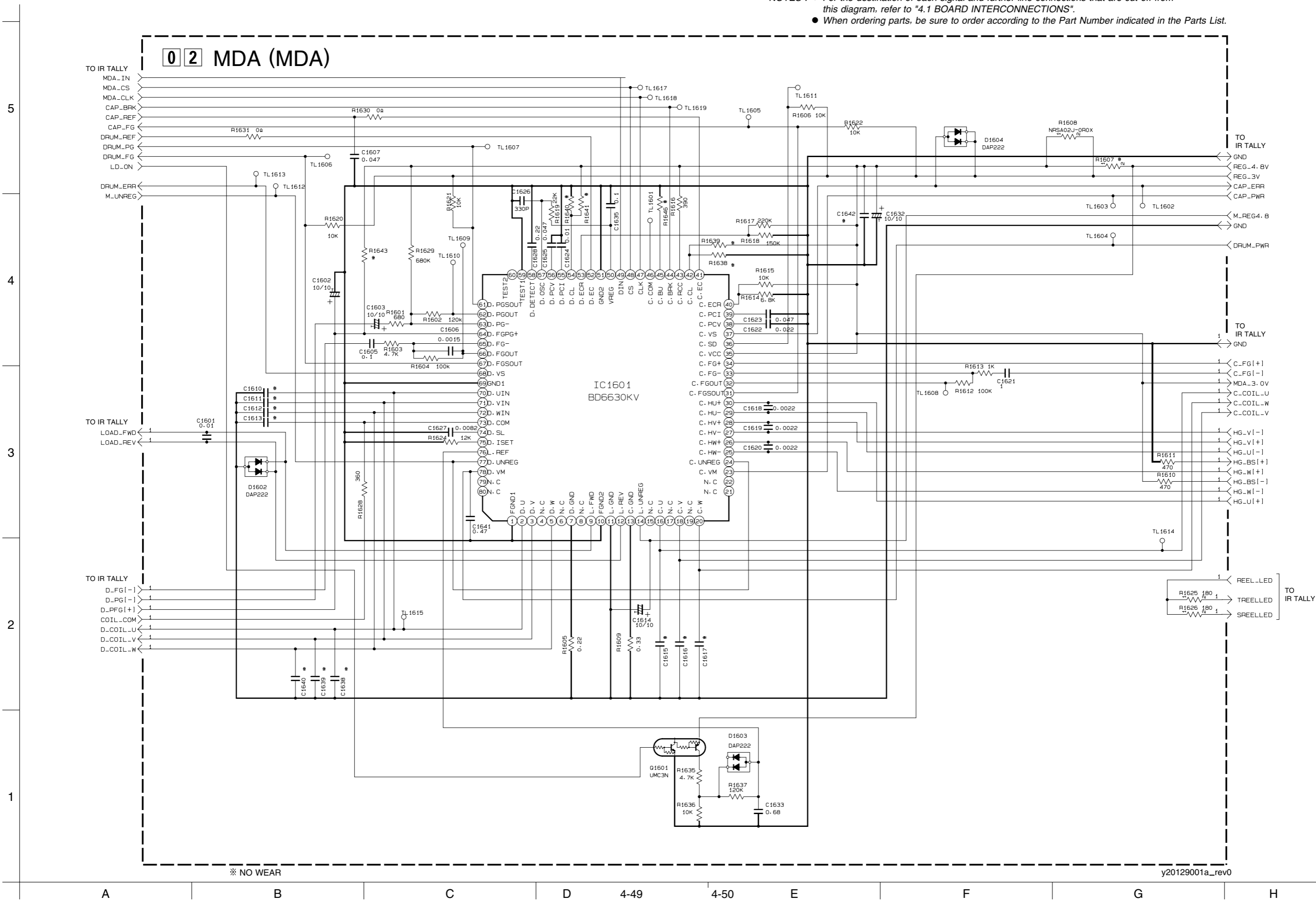
#1 EXCHANGE PARTS LIST

	GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG	
Q5002	※	2SC4081/RS/-X	
R5005	※	4.7K	※ NO WEAR



4.25 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.



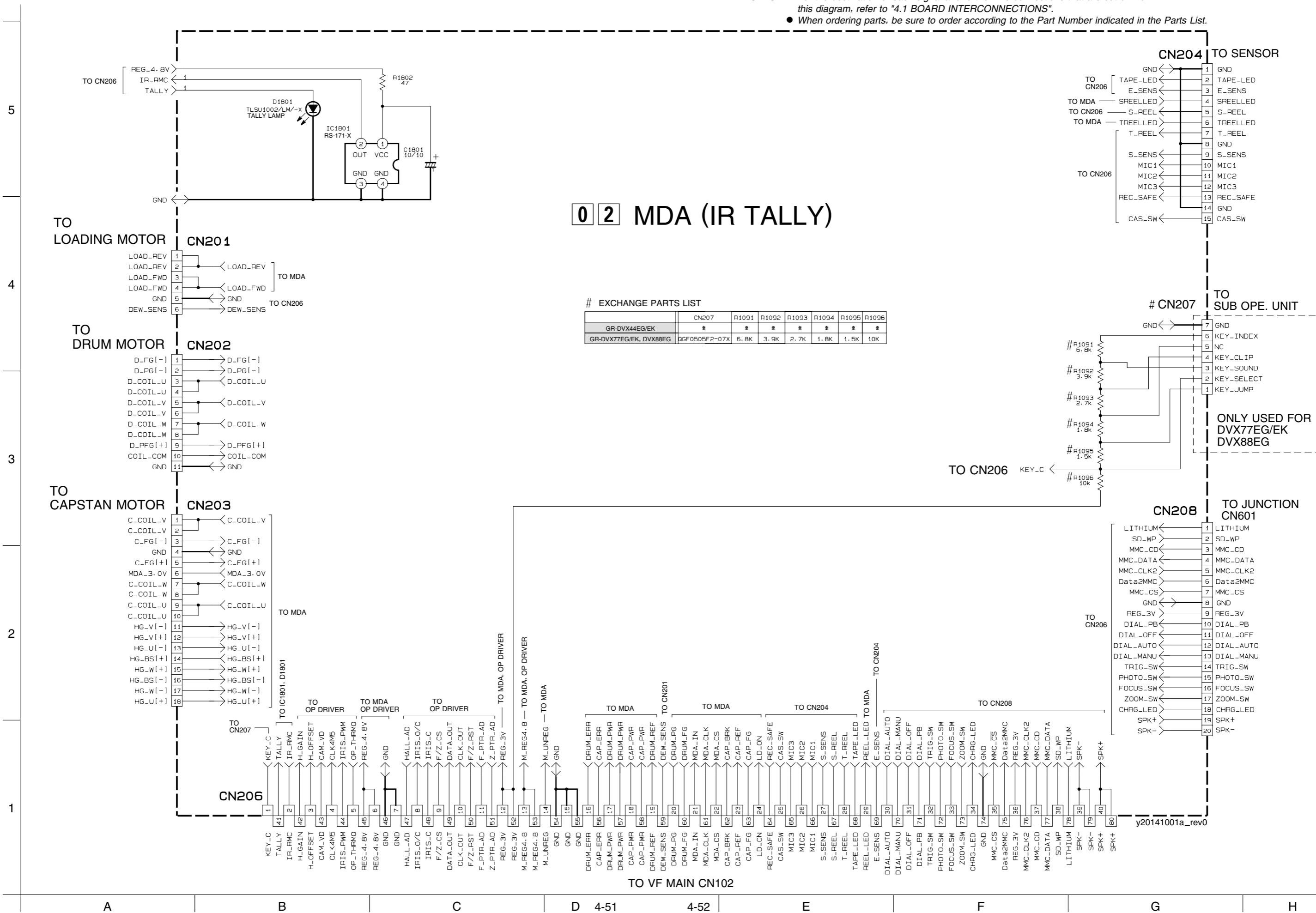
※ NO WEAR

y20129001a\_rev0

A B C D 4-49 4-50 E F G H

4.26 IR TALLY 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.



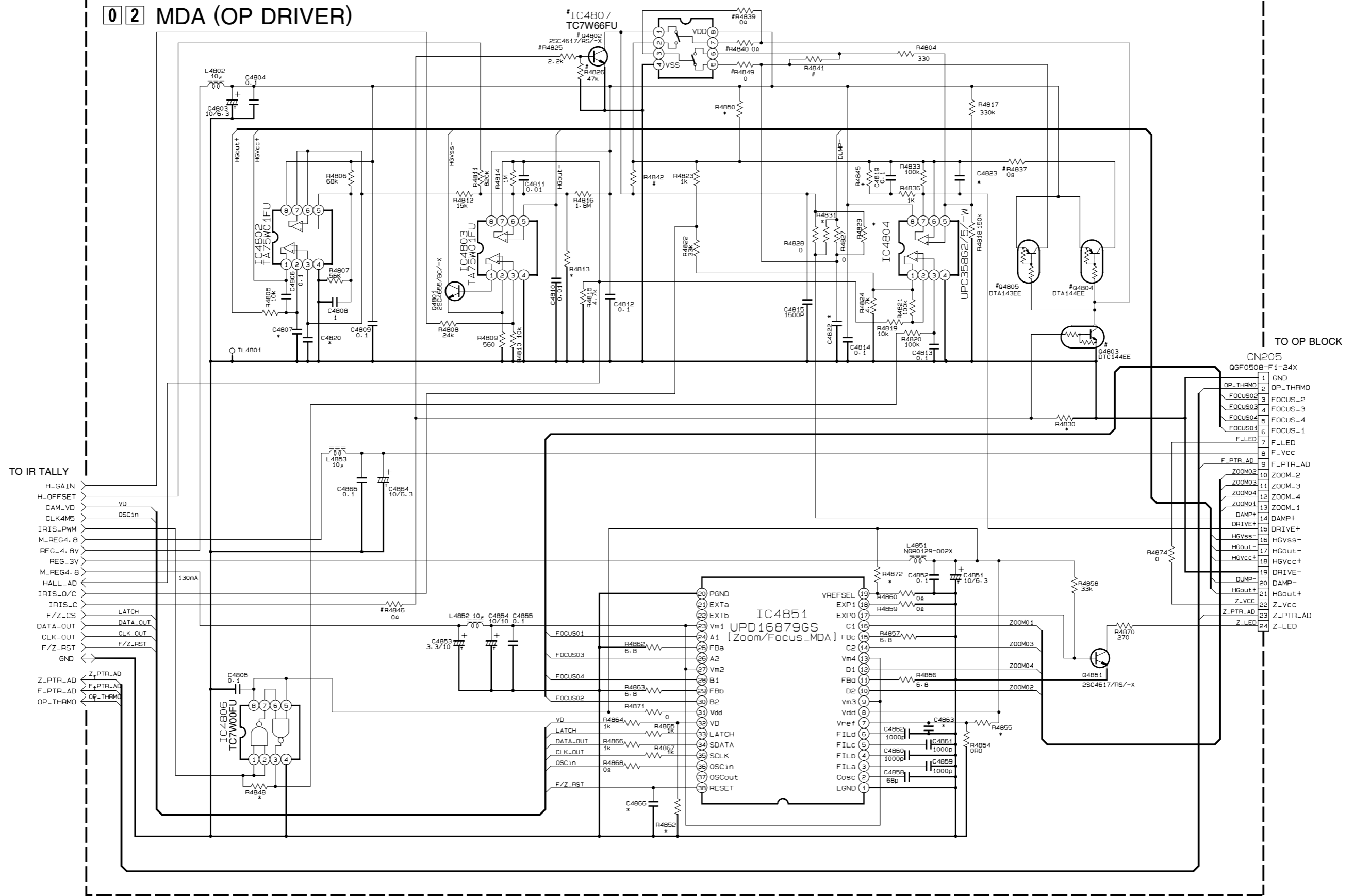
0 2 MDA (IR TALLY)

# EXCHANGE PARTS LIST

	CN207	R1091	R1092	R1093	R1094	R1095	R1096
GR-DVX44EG/EK	*	*	*	*	*	*	*
GR-DVX77EG/EK, DVX88EG	0GF0505F2-07X	6.8K	3.9K	2.7K	1.8K	1.5K	10K

4.27 OP DRIVER 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.



TO IR TALLY

TO OP BLOCK

CN205  
GGF0508-F1-24X

1	GND
2	OP_THRMO
3	FOCUS02
4	FOCUS03
5	FOCUS04
6	FOCUS01
7	F_LED
8	F_Vcc
9	F_PTR_AD
10	ZOOM02
11	ZOOM03
12	ZOOM04
13	ZOOM01
14	DAMP+
15	DRIVE+
16	HGVss-
17	HGout-
18	HGVcc+
19	DRIVE-
20	DAMP-
21	HGout+
22	Z_Vcc
23	Z_PTR_AD
24	Z_LED

\* NO WEAR # EXCHANGE PARTS LIST

y30132001a\_rev0

	IC4807	Q4802	Q4803	Q4804	Q4805	R4825	R4826	R4837,R4839,R4840	R4841,R4842	R4846,R4849
GR-DVX44EG/EK	*	*	*	*	*	*	*	*	0	*
GR-DVX77EG/EK, DVX88EG	TC7W66FU	2SC4617/RS/-X	DTC144EE	DTA144EE	DTA143EE	2.2k	47k	0	*	0

A

B

C

D

4-53

4-54

E

F

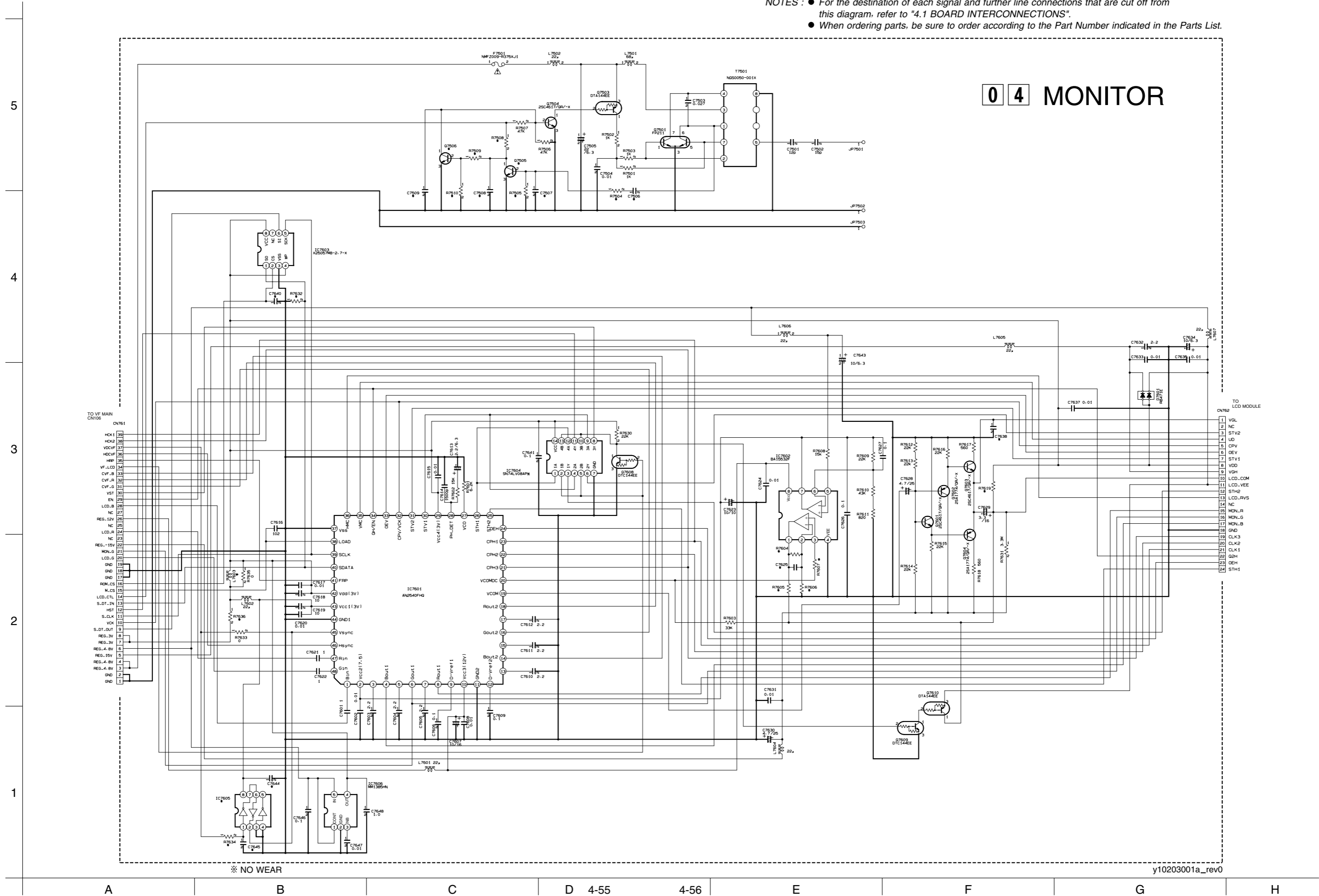
G

H

4.28 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.

04 MONITOR



TO VF MAIN  
CN761

39	HCK1
38	HCK2
37	VCCVF
36	HCKVF
35	HBP
34	VF_LCD
33	CVF_B
32	CVF_R
31	CVF_G
30	YST
29	EN
28	LCD_B
27	NC
26	REG_1.2V
25	NC
24	LCD_R
23	NC
22	REG_1.5V
21	MON_L
20	LCD_G
19	GND
18	GND
17	ROM_CS
16	M_CS
15	LCD_CTL
14	S_DT_IN
13	HST
12	S_CLK
11	VCK
10	S_DT_OUT
9	REG_3V
8	REG_3V
7	REG_4.8V
6	REG_4.8V
5	REG_1.5V
4	REG_4.8V
3	REG_4.8V
2	GND
1	GND

TO LCD MODULE  
CN762

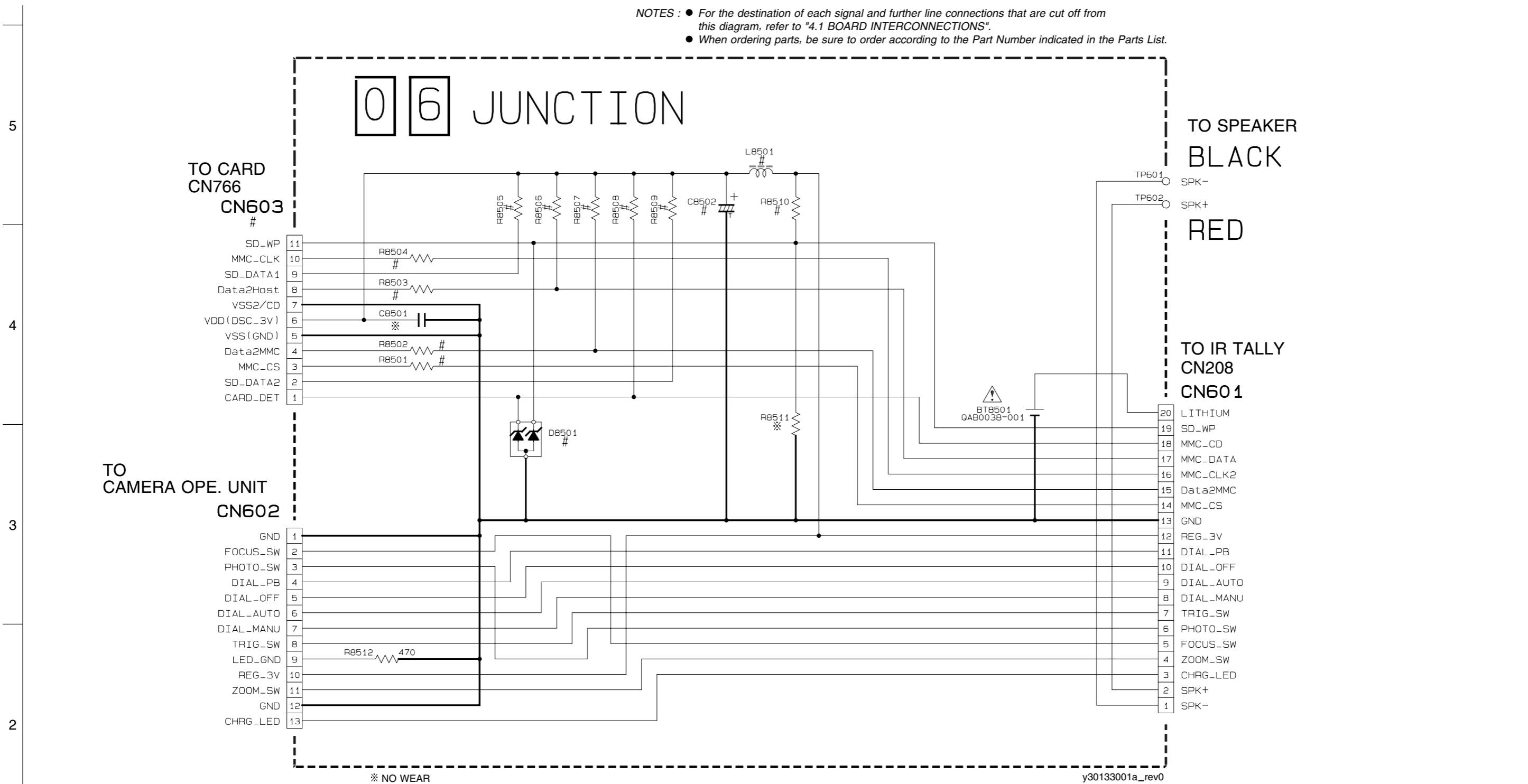
1	VGL
2	NC
3	STV2
4	LD
5	CPV
6	OEV
7	STV1
8	VDD
9	VGH
10	LCD_COM
11	LCD_VEE
12	STH2
13	LCD_RVS
14	NC
15	MON_R
16	MON_G
17	MON_B
18	GND
19	CLK3
20	CLK2
21	CLK1
22	G2H
23	OE1
24	STH1

\* NO WEAR

y10203001a\_rev0

4.29 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.

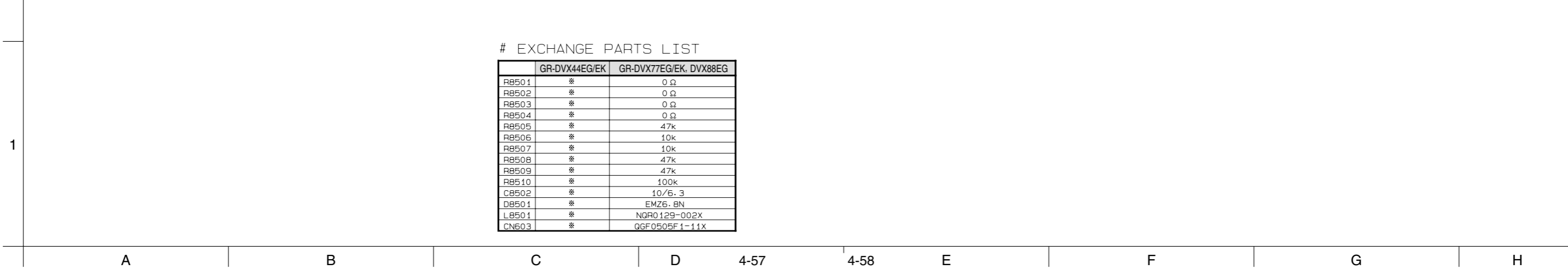


※ NO WEAR

y30133001a\_rev0

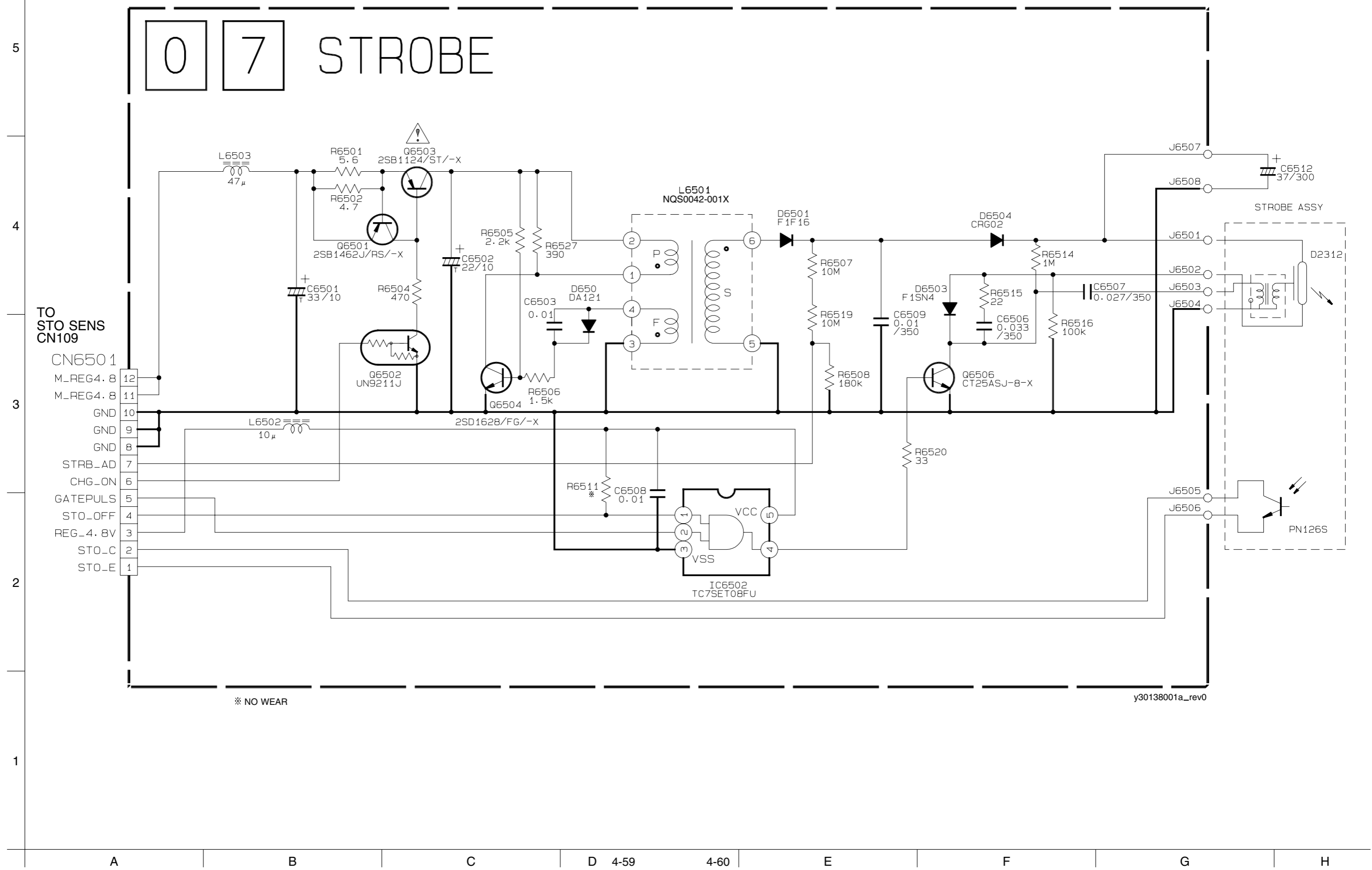
# EXCHANGE PARTS LIST

	GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG
R8501	※	0 Ω
R8502	※	0 Ω
R8503	※	0 Ω
R8504	※	0 Ω
R8505	※	47k
R8506	※	10k
R8507	※	10k
R8508	※	47k
R8509	※	47k
R8510	※	100k
C8502	※	10/6.3
D8501	※	EMZ6.8N
L8501	※	NGR0129-002X
CN603	※	GGF0505F1-11X



4.30 STROBE SCHEMATIC DIAGRAM [GR-DVX77EG/EK, DVX88EG]

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.

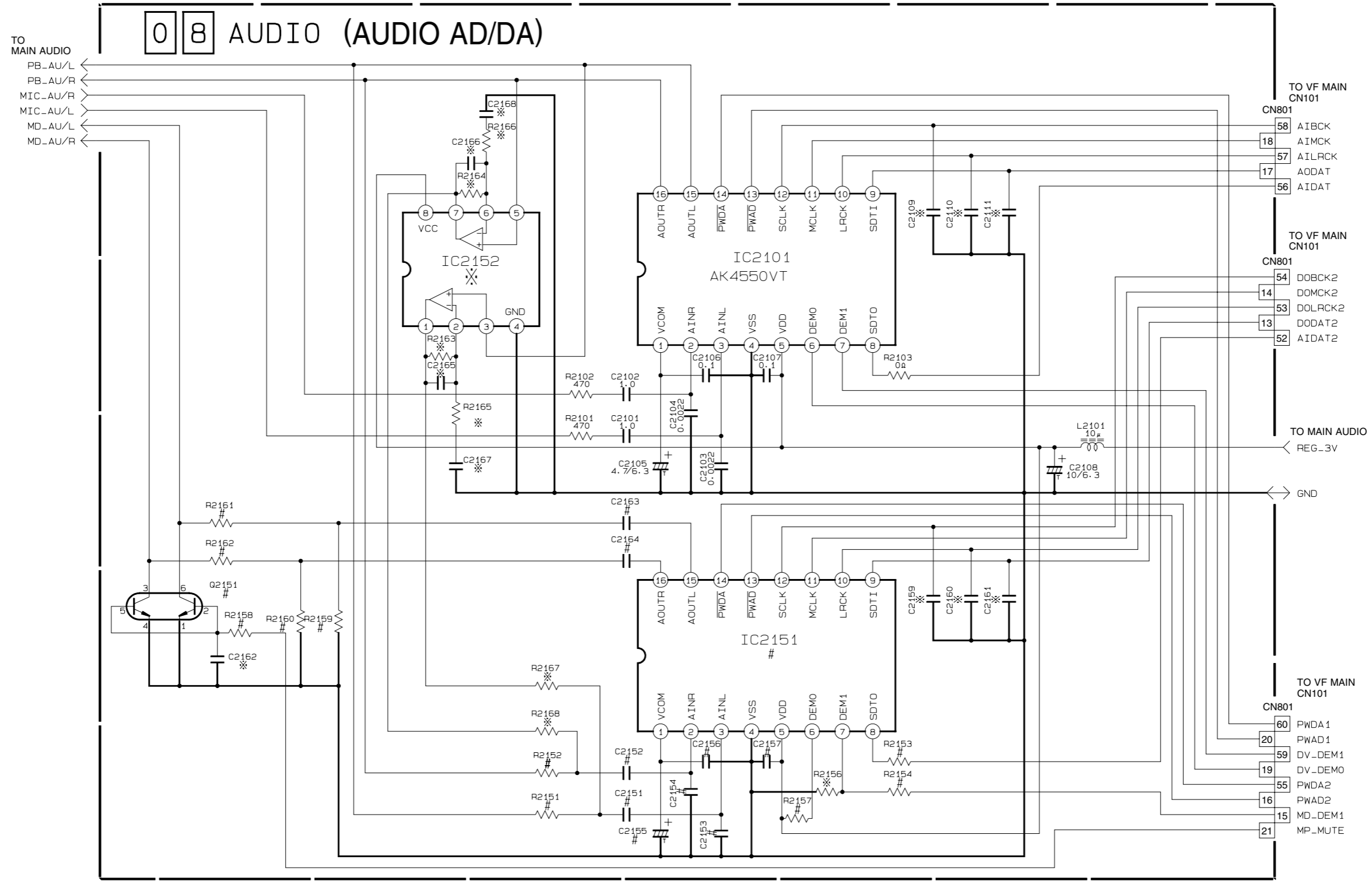


\* NO WEAR

y30138001a\_rev0

4.31 AUDIO AD/DA 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.



\* NO WEAR

# EXCHANGE PARTS LIST

	GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG	GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG
R2151	*	470	C2153	*
R2152	*	470	C2154	*
R2153	*	0 Ω	C2155	*
R2154	*	0 Ω	C2156	*
R2157	*	0 Ω	C2157	*
R2158	*	3.3k	C2163	*
R2159	*	560k	C2164	*
R2160	*	560k	Q2151	*
R2161	*	10k	IC2151	*
R2162	*	10k		
C2151	*	1.0		
C2152	*	1.0		

y30134001a\_rev0

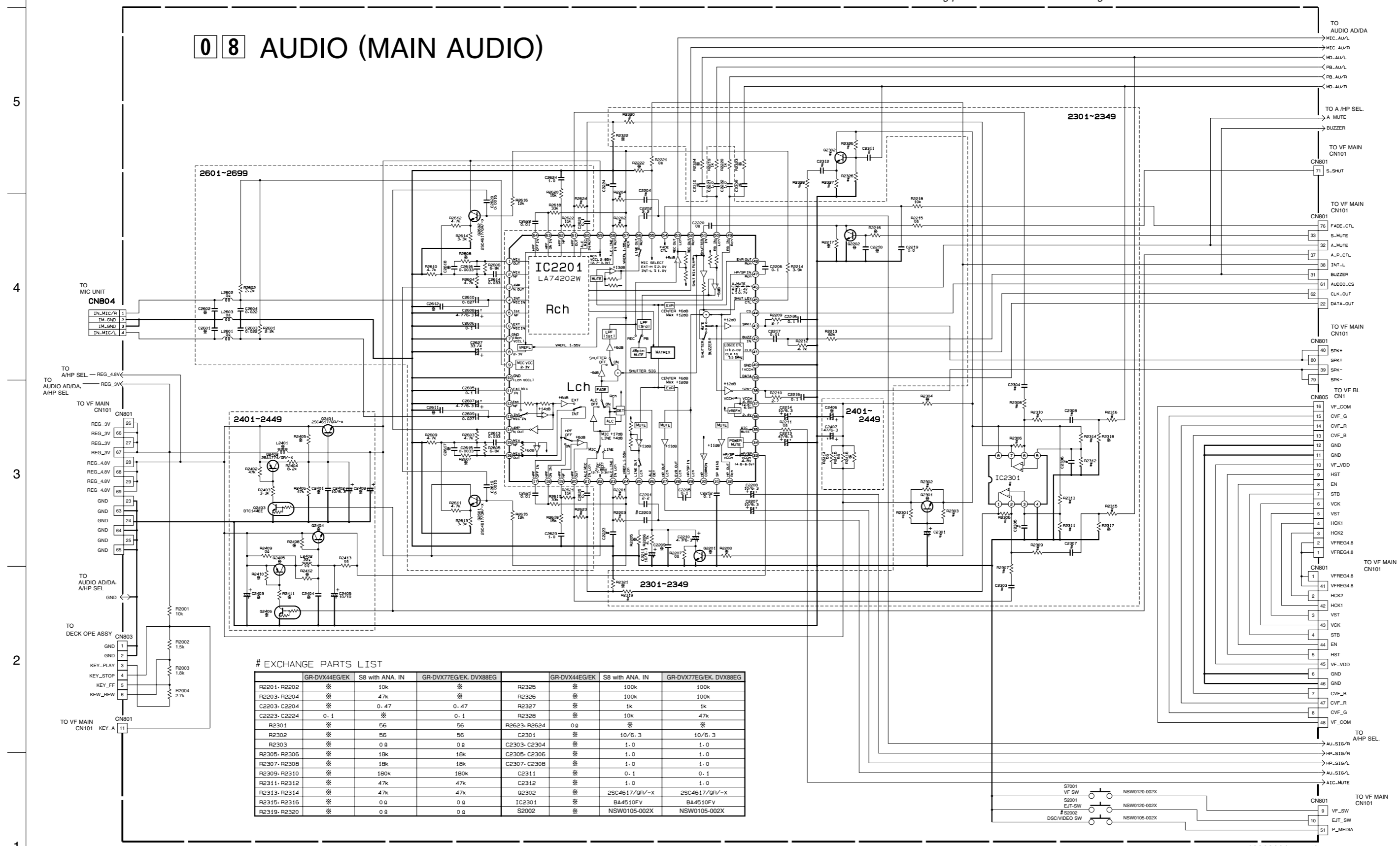
5  
4  
3  
2  
1

A B C D 4-61 4-62 E F G H

4.32 MAIN 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.

08 AUDIO (MAIN AUDIO)



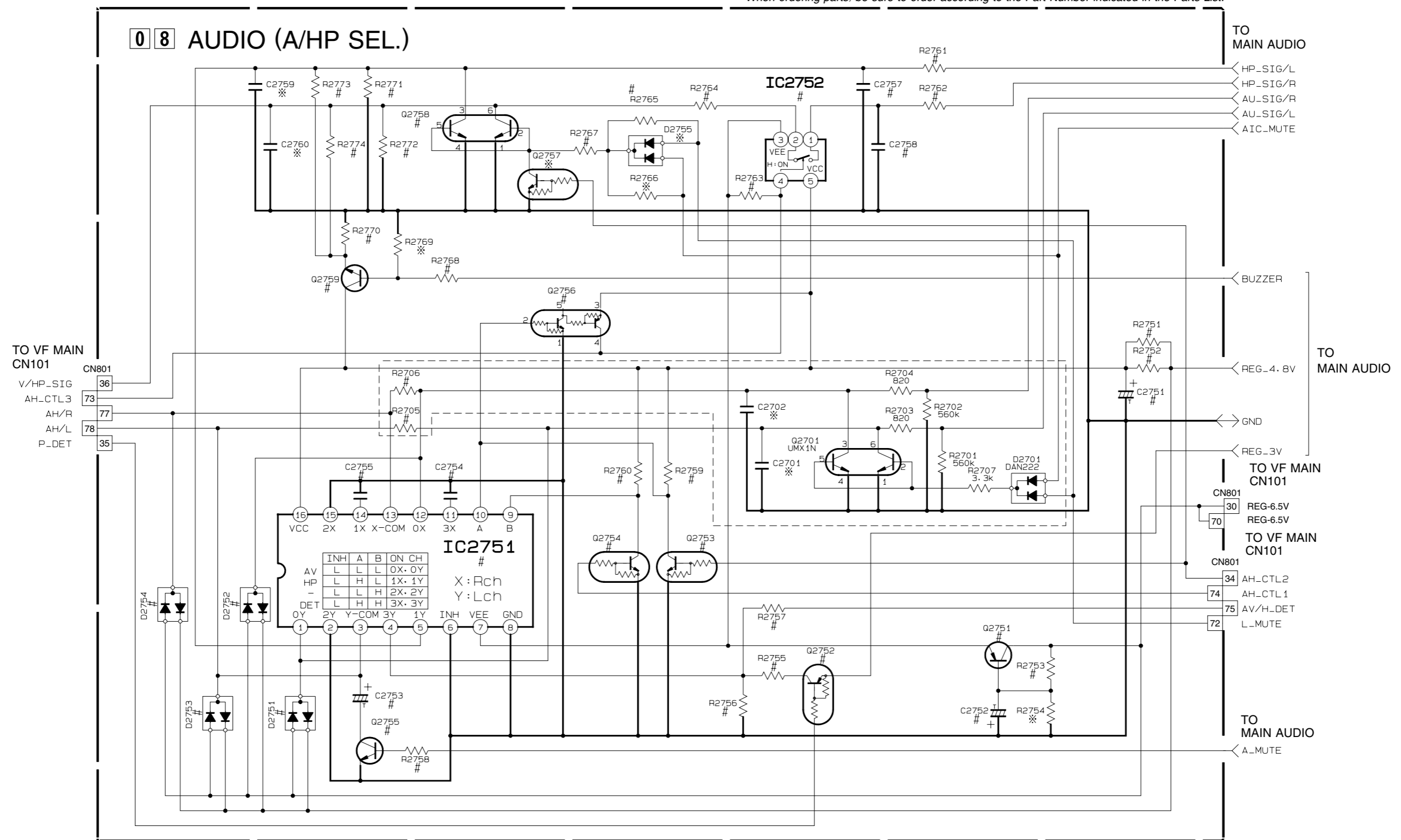
# EXCHANGE PARTS LIST

	GR-DVX44EG/EK	S8 with ANA. IN	GR-DVX77EG/EK DVX88EG	GR-DVX44EG/EK	S8 with ANA. IN	GR-DVX77EG/EK DVX88EG
R2201, R2202	※	10k	※	R2325	※	100k
R2203, R2204	※	47k	※	R2326	※	100k
C2203, C2204	※	0.47	0.47	R2327	※	1k
C2223, C2224	0.1	※	0.1	R2328	※	10k
R2301	※	56	R2623, R2624	0Ω	※	※
R2302	※	56	C2301	※	10/5.3	10/5.3
R2303	※	0Ω	C2303, C2304	※	1.0	1.0
R2305, R2306	※	18k	C2305, C2306	※	1.0	1.0
R2307, R2308	※	18k	C2307, C2308	※	1.0	1.0
R2309, R2310	※	180k	C2311	※	0.1	0.1
R2311, R2312	※	47k	C2312	※	1.0	1.0
R2313, R2314	※	47k	C2302	※	2SC4617/GR/-X	2SC4617/GR/-X
R2315, R2316	※	0Ω	IC2301	※	BA4510FV	BA4510FV
R2319, R2320	※	0Ω	S2002	※	NSW0105-002X	NSW0105-002X



4.33 A/HP SEL. 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

	GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG		GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG		GR-DVX44EG/EK	GR-DVX77EG/EK, DVX88EG
R2751	*	82	R2765	*	0 Ω	R2705, R2706	0 Ω	*
R2752	*	82	R2767	*	3.3k	C2757	*	0.047
R2753	*	1.8k	R2768	*	10k	C2758	*	0.1
R2755	*	2.2k	R2770	*	10k	D2751-D2754	*	DA221
R2756	*	560k	R2771	*	10k	Q2751	*	2SA1774/QR/-x
R2757	*	0 Ω	R2772	*	10k	Q2752	*	DTA144EE
R2758	*	1k	R2773	*	8.2k	Q2753, Q2754	*	DTC144EE
R2759	*	10k	R2774	*	8.2k	Q2755	*	2SC4617/QR/-x
R2760	*	100k	C2751	*	10/6.3	Q2756	*	UMC4N
R2761	*	220	C2752	*	10/10	Q2758	*	UMX18N
R2762	*	10	C2753	*	47/6.3	Q2759	*	2SC4617/QR/-x
R2763	*	100k	C2755	*	1.0	IC2751	*	TC74HC4052AF1
R2764	*	220	C2754	*	100p	IC2752	*	TC7566FU

\* NO WEAR

y30135001a\_rev0

A

B

C

D

4-65

4-66

E

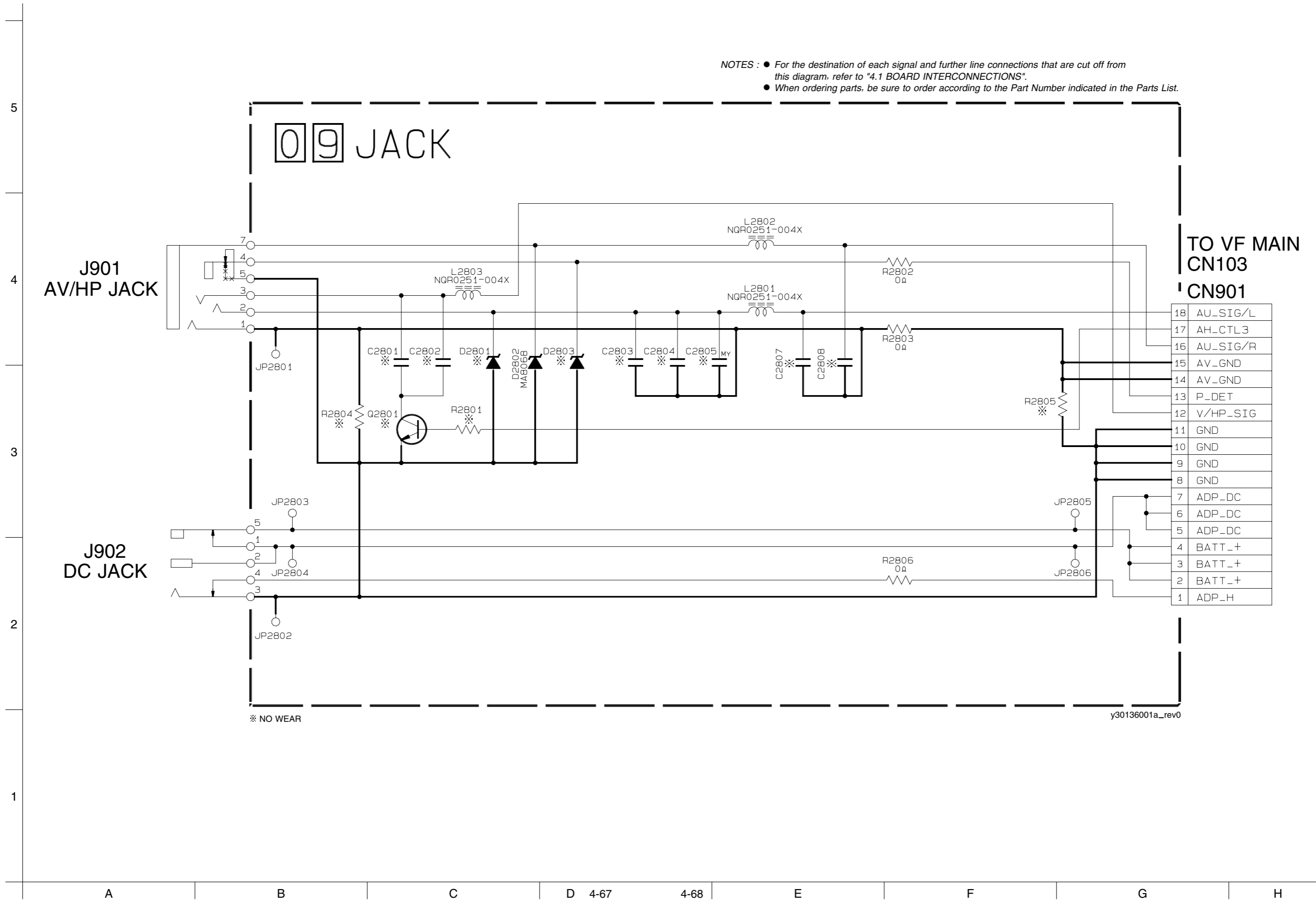
F

G

H

4.34 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.

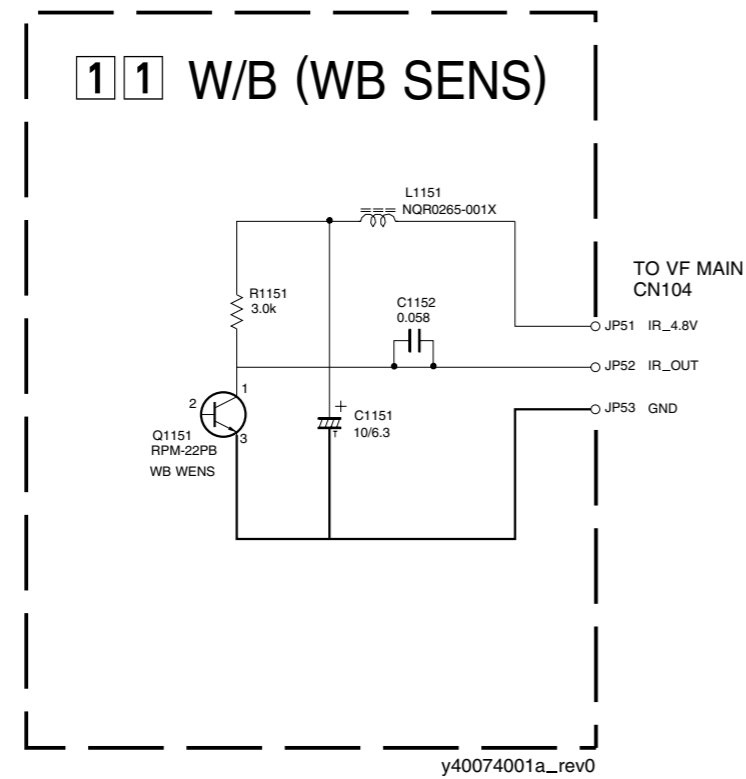


4.35 WB SENS, CAMERA OPE. UNIT, DECK OPE. ASSY AND SUB OPE. UNIT SCHEMATIC DIAGRAMS

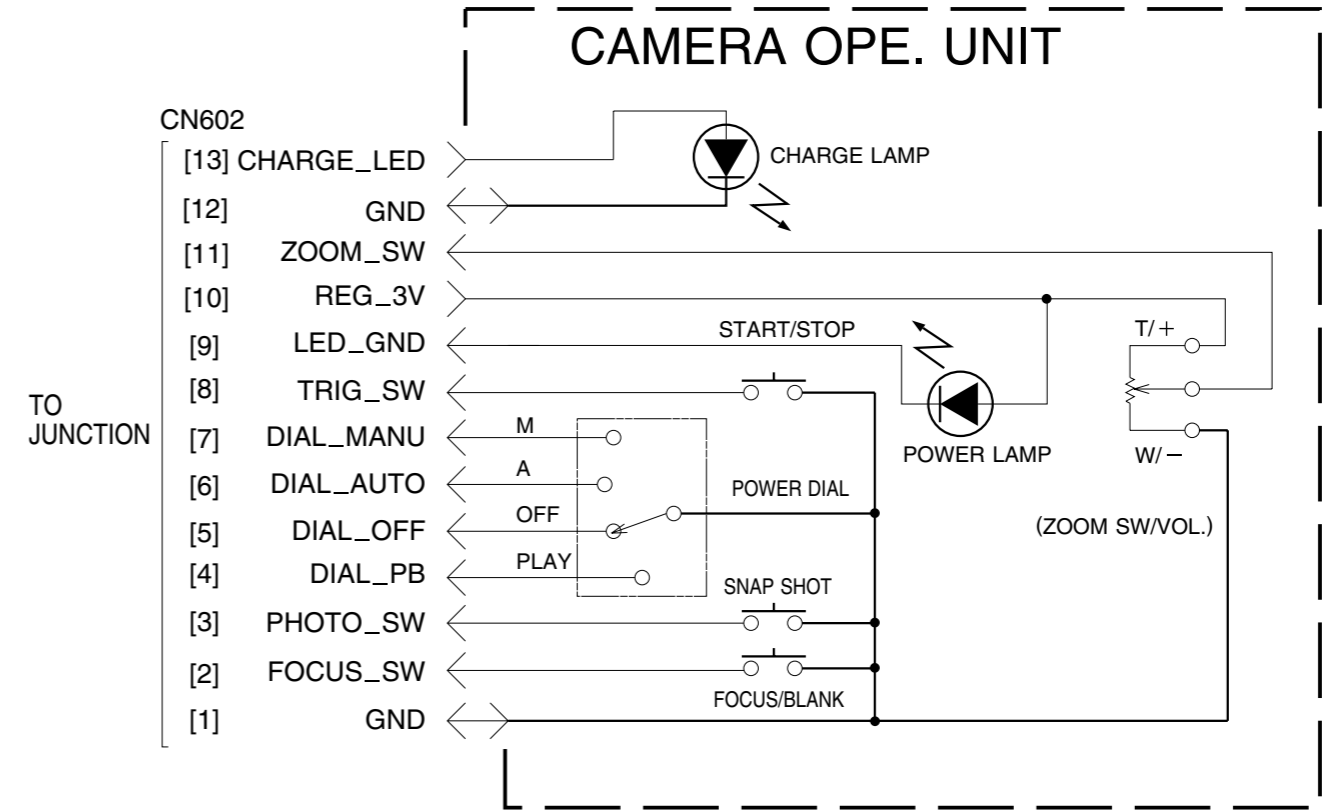
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● The schematic diagram is only for reference. Avoid replacing individual parts. Replace the entire unit only.

—WB SENS—

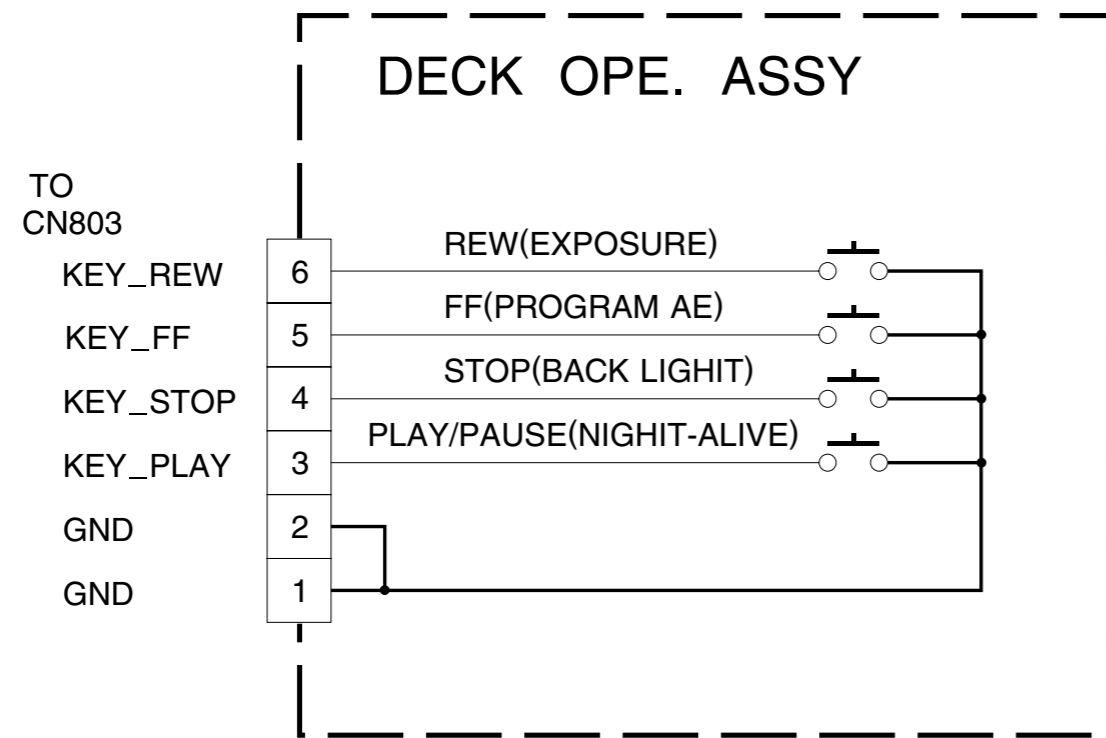
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



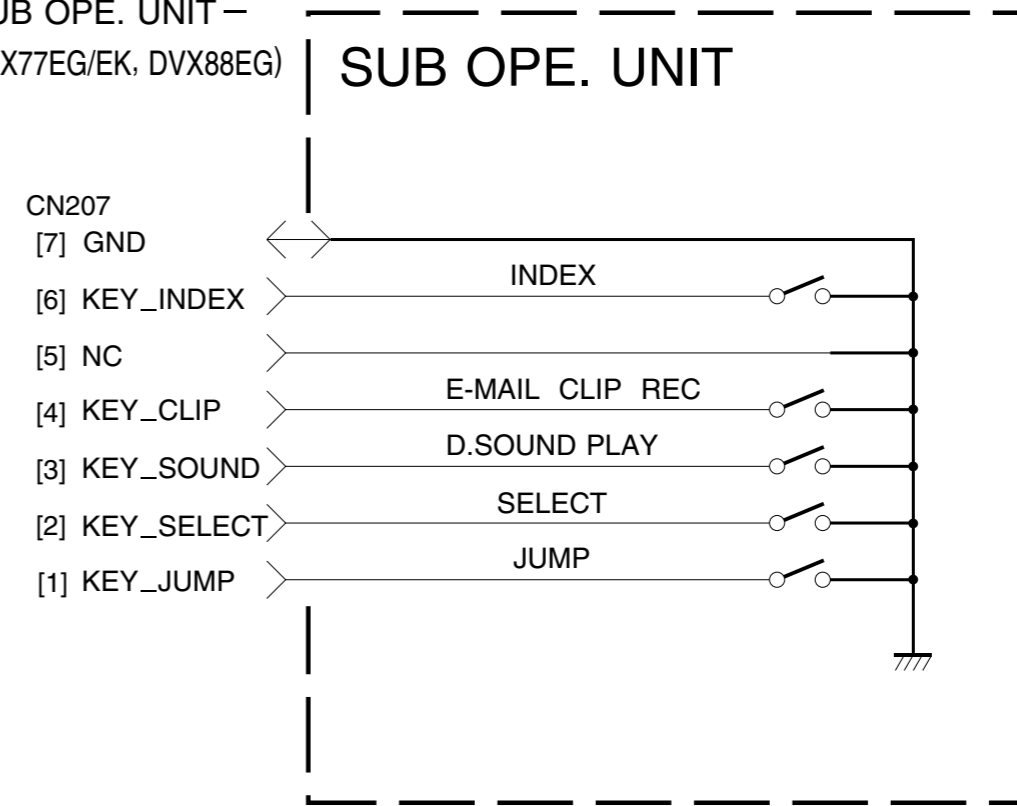
—CAMERA OPE. UNIT—



—DECK OPE. ASSY—



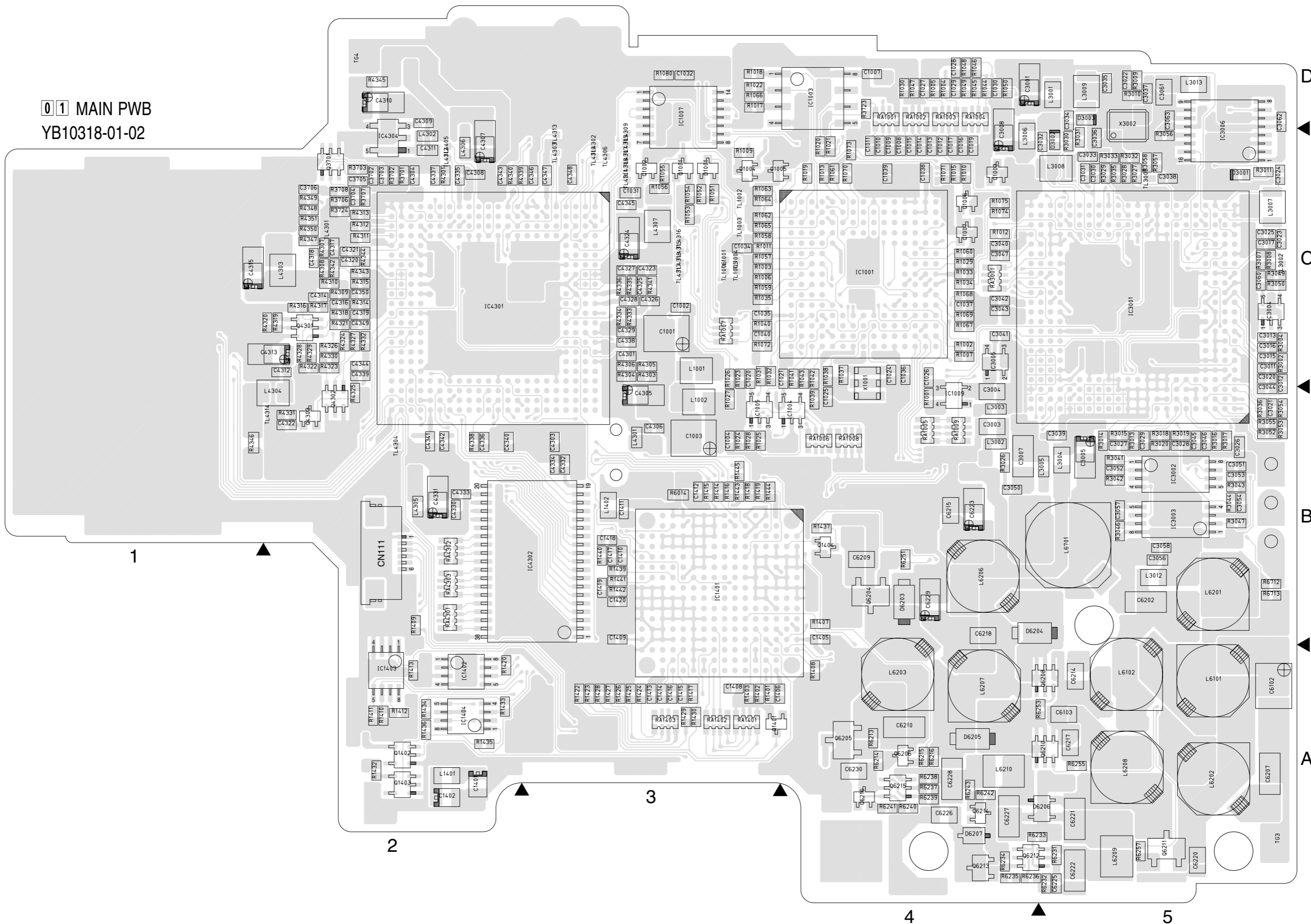
—SUB OPE. UNIT—  
(GR-DVX77EG/EK, DVX88EG)



4.36 MAIN CIRCUIT BOARD [GR-DVX44EG/EK]

FOIL SIDE(B)

0 1 MAIN PWB  
YB10318-01-02

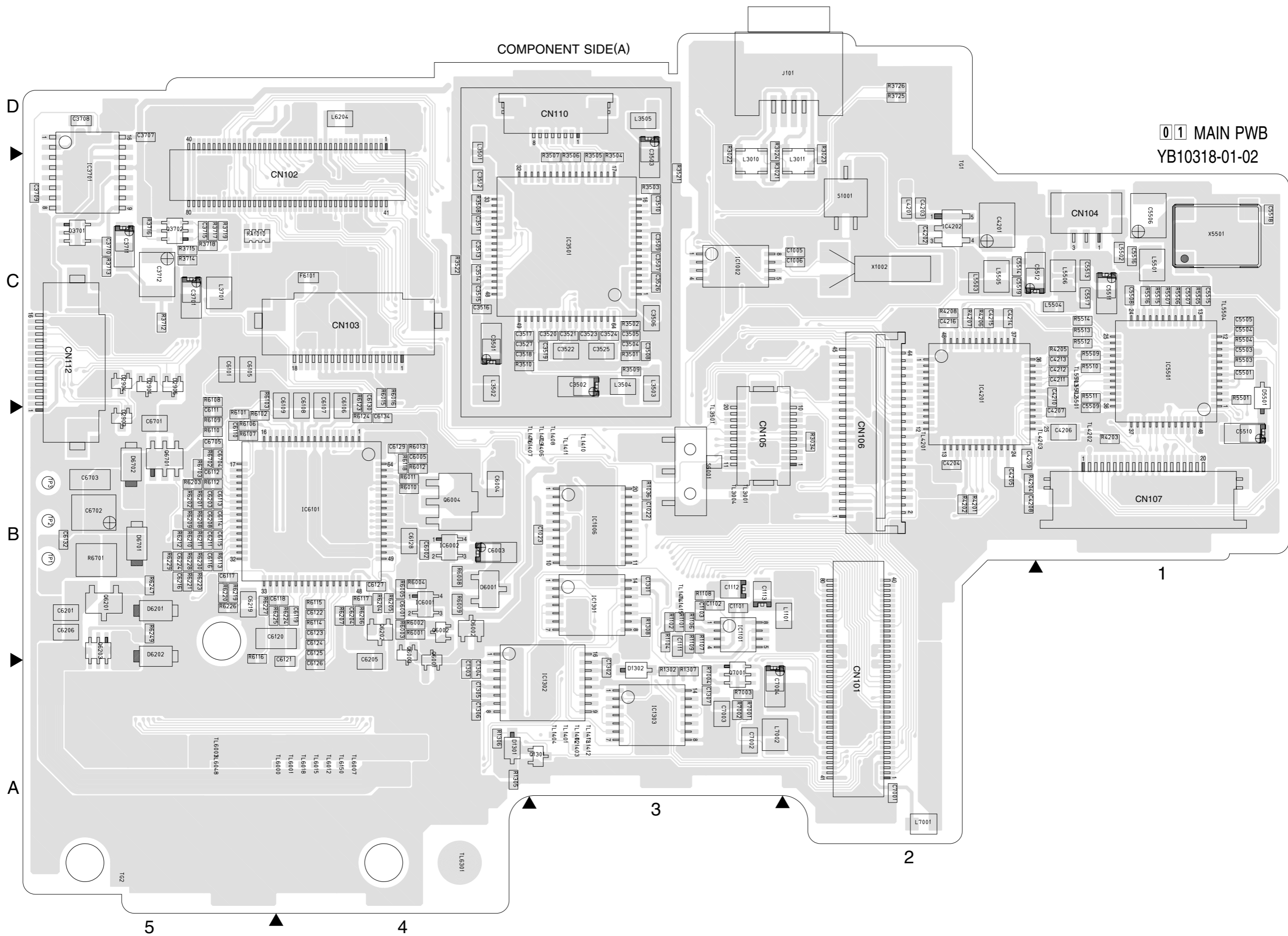




REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
R3509	A C 3C	R6002	A C 4B	RA1010	A C 5C
R3510	A C 4C	R6003	A C 4B	RA1401	B C 3A
R3521	A C 3C	R6004	A C 4B	RA1402	B C 3A
R3522	A C 4C	R6005	A C 4B	RA1403	B C 3A
R3701	B C 2C	R6008	A C 4B	RA3001	B C 4C
R3702	B C 2C	R6009	A C 4B	RA4301	B C 2B
R3703	B C 2C	R6010	A C 4B	RA4302	B C 2B
R3706	B C 2C	R6011	A C 4B	RA4303	B C 2B
R3707	B C 2C	R6012	A C 4B	TESTPOINT	
R3708	B C 2C	R6013	A C 4B	TP1	A D 5B
R3712	A C 5C	R6014	B C 3B	TP2	A D 5B
R3713	A C 5C	R6015	A C 4C	TP3	A D 5B
R3714	A C 5C	R6016	A C 4C	OTHER	
R3715	A C 5C	R6101	A C 5B	F6101	A C 4C
R3716	A C 5C	R6102	A C 5B	J101	A C 2D
R3717	A C 5C	R6103	A C 5C	PC06	A C 5D
R3718	A C 5C	R6106	A C 5B	S1001	A C 2C
R3719	A C 5C	R6107	A C 5B	S6001	A C 3B
R3723	B C 4D	R6108	A C 5C	TL1001	B C 3C
R3724	B C 2C	R6109	A C 5B	TL1002	B C 3C
R3725	A C 2D	R6110	A C 5B	TL1003	B C 3C
R3726	A C 2D	R6112	A C 5B	TL1004	B C 3C
R4201	A C 2B	R6113	A C 5B	TL1005	B C 3C
R4202	A C 2B	R6114	A C 4B	TL1006	B C 3C
R4203	A C 1B	R6115	A C 4B	TL1401	A C 3A
R4204	A C 2B	R6116	A C 5B	TL1402	A C 3A
R4205	A C 1C	R6117	A C 4B	TL1403	A C 3A
R4206	A C 2C	R6118	A C 4B	TL1404	A C 3A
R4207	A C 2C	R6123	A C 4C	TL1406	A C 3B
R4208	A C 2C	R6124	A C 4B	TL1407	A C 4B
R4301	B C 2C	R6201	A C 5B	TL1408	A C 3B
R4303	B C 3C	R6202	A C 5B	TL1409	A C 3B
R4304	B C 3C	R6203	A C 5B	TL1410	A C 3B
R4305	B C 3C	R6204	A C 4B	TL1411	A C 3B
R4306	B C 3C	R6205	A C 4B	TL1412	A C 3A
R4307	B C 2C	R6206	A C 4B	TL1413	A C 3A
R4308	B C 2C	R6207	A C 4B	TL1414	A C 3B
R4309	B C 2C	R6208	A C 5B	TL1415	A C 3B
R4310	B C 2C	R6209	A C 5B	TL1416	A C 4B
R4311	B C 2C	R6210	A C 5B	TL3001	A C 3B
R4312	B C 2C	R6211	A C 5B	TL3002	B C 5C
R4313	B C 2C	R6212	A C 5B	TL3004	A C 3B
R4314	B C 2C	R6213	B C 4A	TL3005	B C 5C
R4315	B C 2C	R6214	B C 4A	TL3501	A C 3B
R4316	B C 2C	R6215	B C 4A	TL4201	A C 2B
R4317	B C 2C	R6216	B C 4A	TL4202	A C 1B
R4318	B C 2C	R6219	A C 5B	TL4203	A C 1B
R4319	B C 2C	R6220	A C 5B	TL4301	B C 2C
R4320	B C 2C	R6221	A C 5B	TL4302	B C 3C
R4321	B C 2C	R6223	A C 5B	TL4303	B C 3C
R4322	B C 2C	R6224	A C 4B	TL4304	B C 2B
R4323	B C 2C	R6225	A C 5B	TL4305	B C 3C
R4324	B C 2C	R6226	A C 5B	TL4306	B C 3C
R4325	B C 2B	R6227	A C 5B	TL4307	B C 3C
R4326	B C 2C	R6228	A C 5B	TL4308	B C 3C
R4327	B C 2C	R6229	A C 5B	TL4309	B C 3C
R4328	B C 2C	R6230	A C 5B	TL4310	B C 3C
R4329	B C 2C	R6231	B C 5A	TL4311	B C 3C
R4330	B C 2C	R6232	B C 5A	TL4312	B C 2C
R4331	B C 2B	R6233	B C 4A	TL4313	B C 3C
R4332	B C 2C	R6234	B C 4A	TL4314	B C 2B
R4333	B C 3C	R6235	B C 4A	TL4315	B C 3C
R4334	B C 3C	R6236	B C 4A	TL4316	B C 3C
R4335	B C 3C	R6237	B C 4A	TL4317	B C 3C
R4336	B C 3C	R6238	B C 4A	TL4318	B C 3C
R4338	B C 2B	R6239	B C 4A	TL4405	B C 2C
R4339	B C 3C	R6240	B C 4A	TL5501	A C 1C
R4340	B C 2C	R6241	B C 4A	TL5502	A C 1C
R4341	B C 3C	R6242	B C 4A	TL5503	A C 1C
R4342	B C 2C	R6243	B C 4A	TL5504	A C 1C
R4343	B C 2C	R6247	A C 5B	TL6000	A C 5A
R4344	B C 2C	R6249	A C 5B	TL6001	A C 4A
R4345	B C 2D	R6251	B C 4B	TL6003	A C 5A
R4346	B C 1B	R6253	B C 5A	TL6007	A C 4A
R4347	B C 2C	R6255	B C 5A	TL6012	A C 4A
R4348	B C 2C	R6257	B C 5A	TL6015	A C 4A
R4349	B C 2C	R6701	A C 5B	TL6018	A C 4A
R4350	B C 2C	R6702	A C 5B	TL6048	A C 5A
R4351	B C 2C	R6703	A C 5B	TL6150	A C 4A
R5501	A C 1C	R6712	B C 5B	TL6301	A D 4A
R5503	A C 1C	R6713	B C 5B	TM1	A C 1A
R5504	A C 1C	R7001	A C 3A	TM2	A C 5D
R5505	A C 1C	R7002	A C 3A	X1001	B C 4C
R5506	A C 1C	R7003	A C 3A	X1002	A C 2C
R5507	A C 1C	R7004	A C 3A	X3002	B C 5D
R5509	A C 1C	RA1001	B C 4D	X5501	A C 1C
R5510	A C 1C	RA1002	B C 4D		
R5511	A C 1C	RA1003	B C 4D		
R5512	A C 1C	RA1004	B C 4D		
R5513	A C 1C	RA1005	B C 4B		
R5514	A C 1C	RA1006	B C 4B		
R5515	A C 1C	RA1007	B C 3C		
R5516	A C 1C	RA1008	B C 4B		
R6001	A C 4B	RA1009	B C 4B		

# COMPONENT SIDE(A)

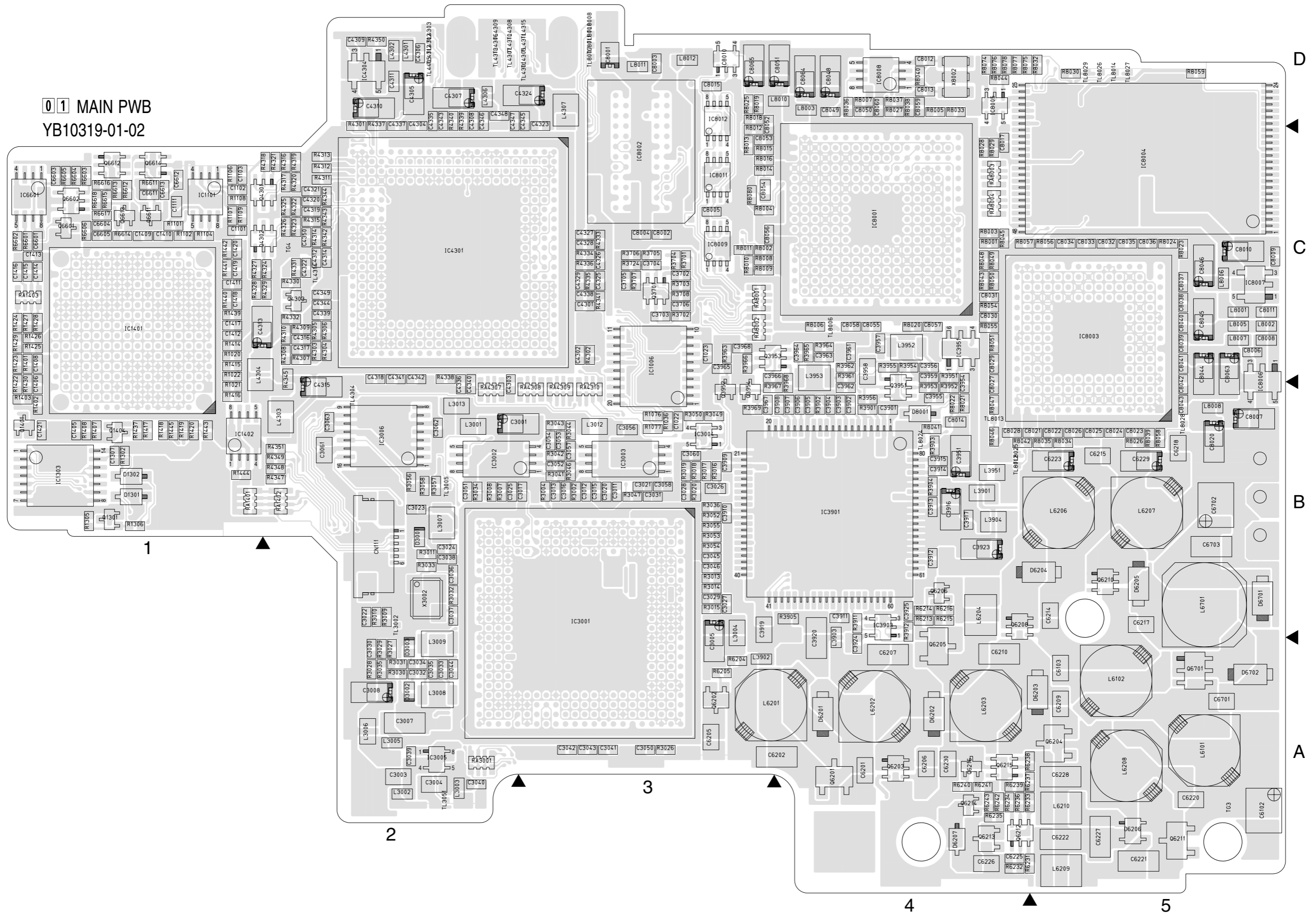
**01** MAIN PWB  
YB10318-01-02



4.37 MAIN CIRCUIT BOARD [GR-DVX77EG/EK, DVX88EG]

FOIL SIDE(B)

01 MAIN PWB  
YB10319-01-02



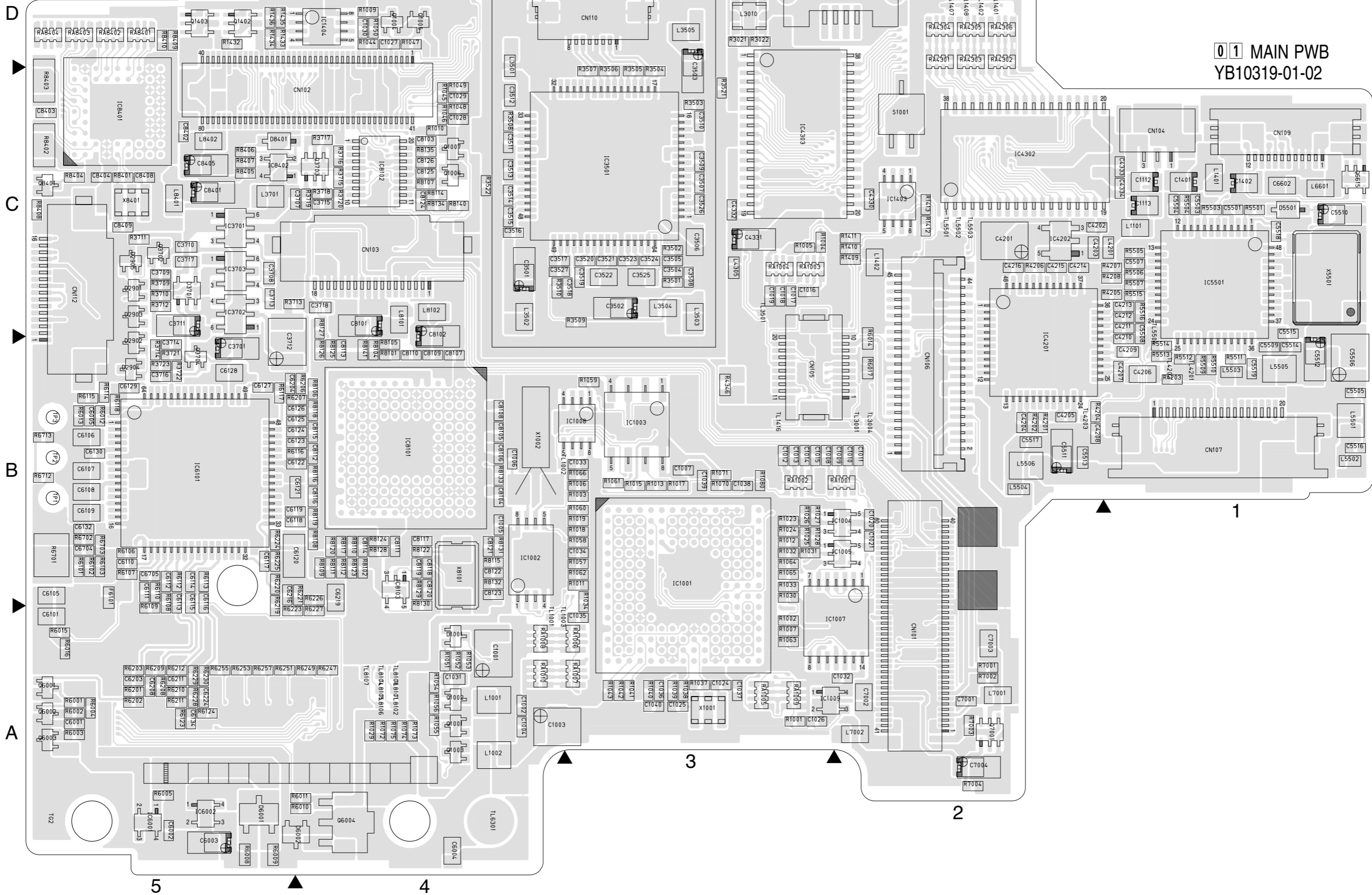




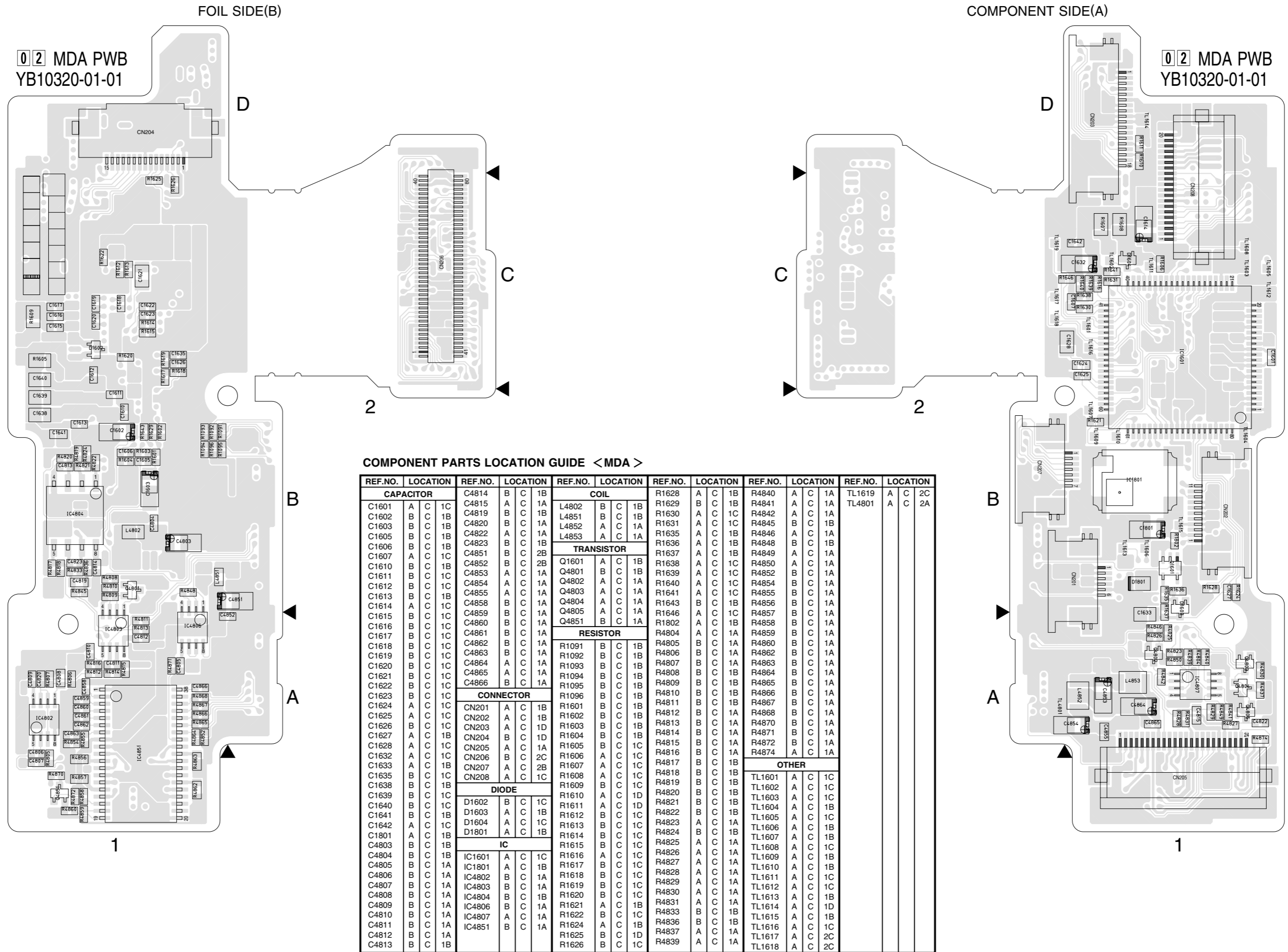


COMPONENT SIDE(A)

01 MAIN PWB  
YB10319-01-02

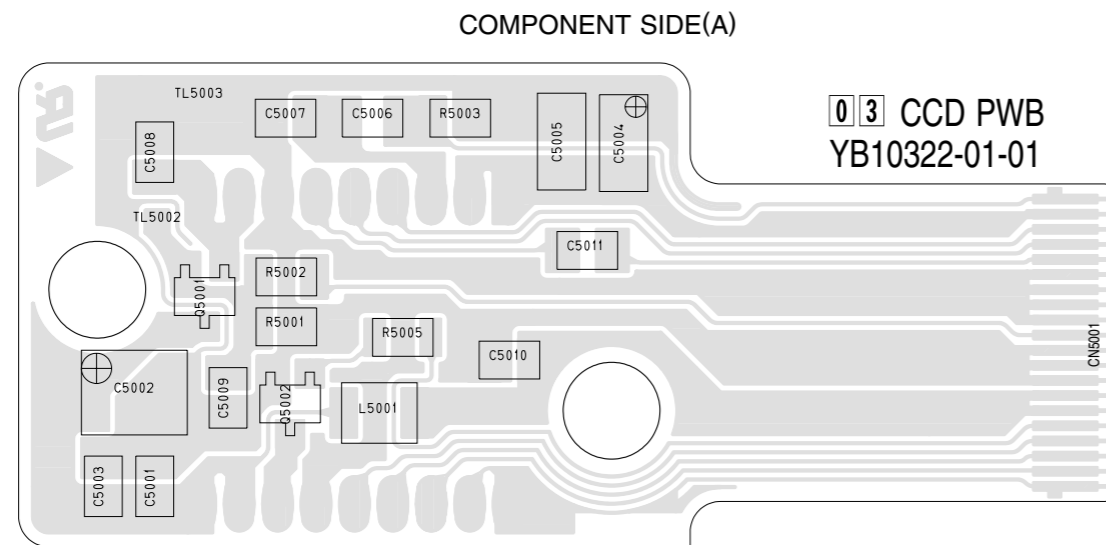
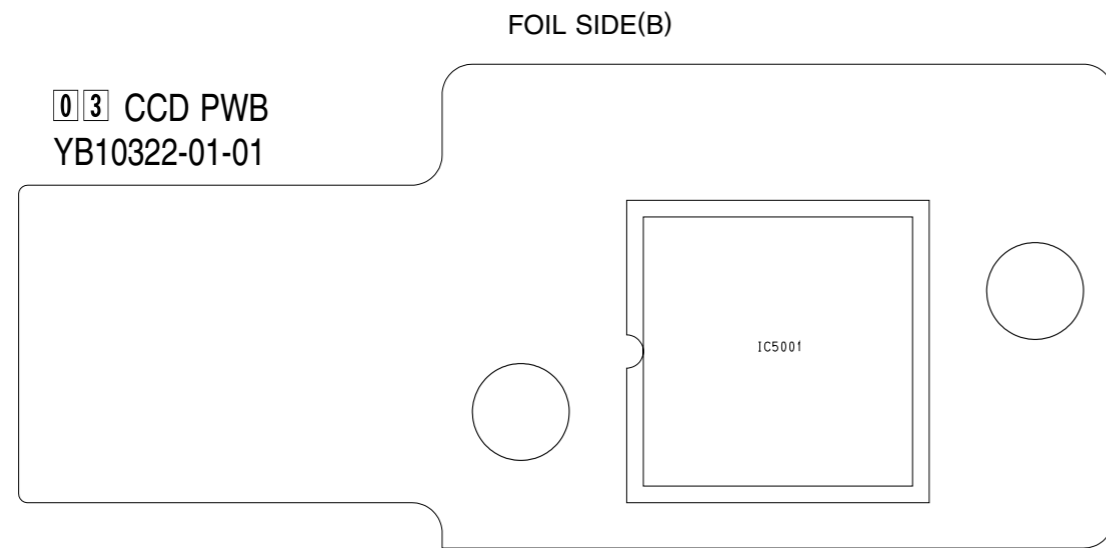


4.38 MDA CIRCUIT BOARD

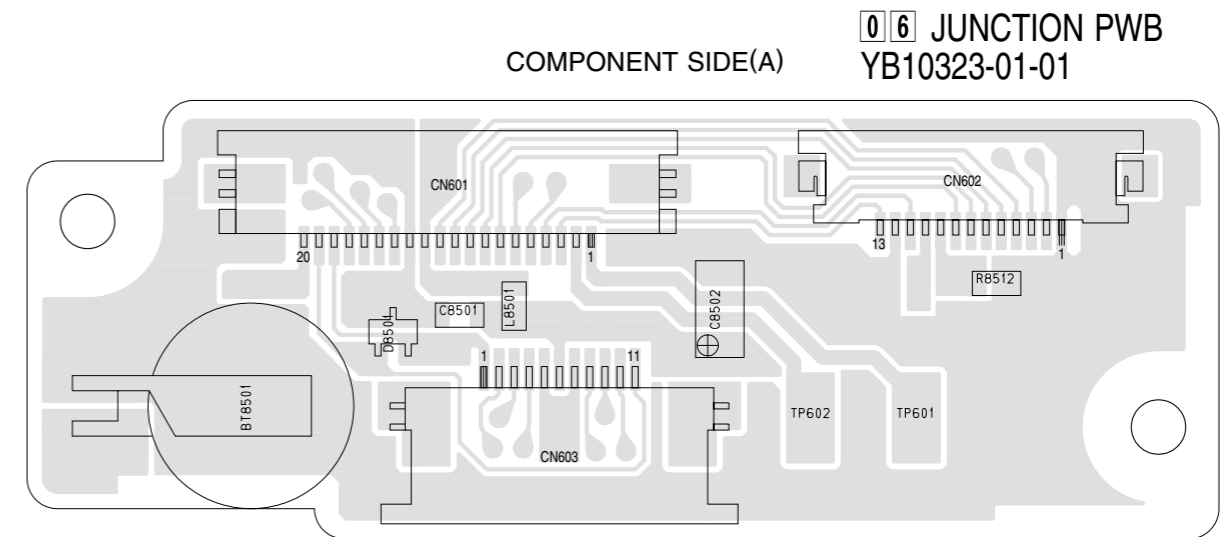
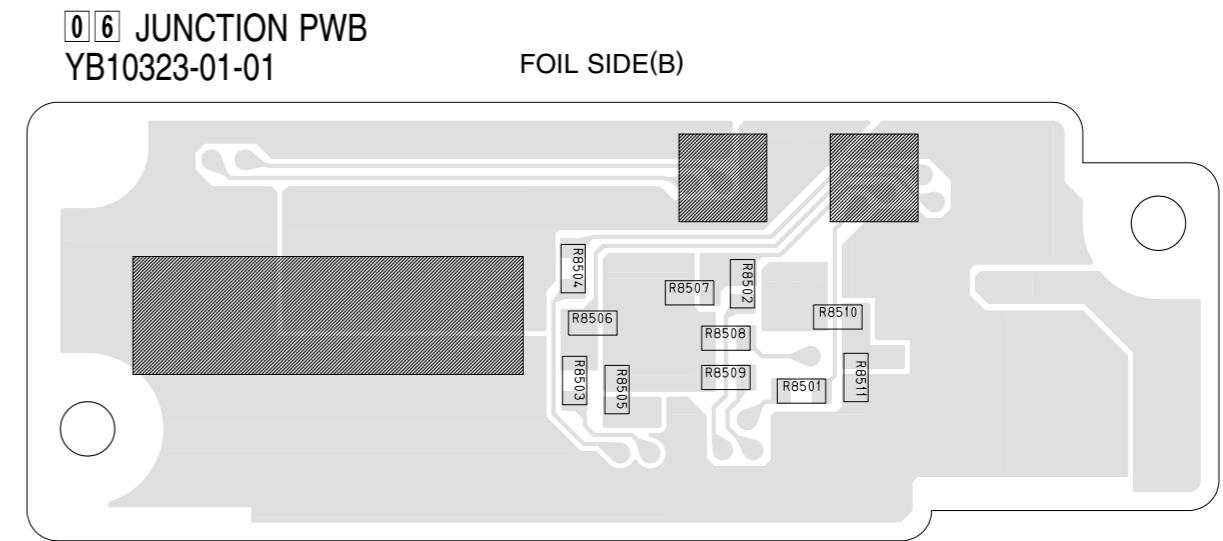


4.39 CCD AND JUNCTION CIRCUIT BOARDS

—CCD—

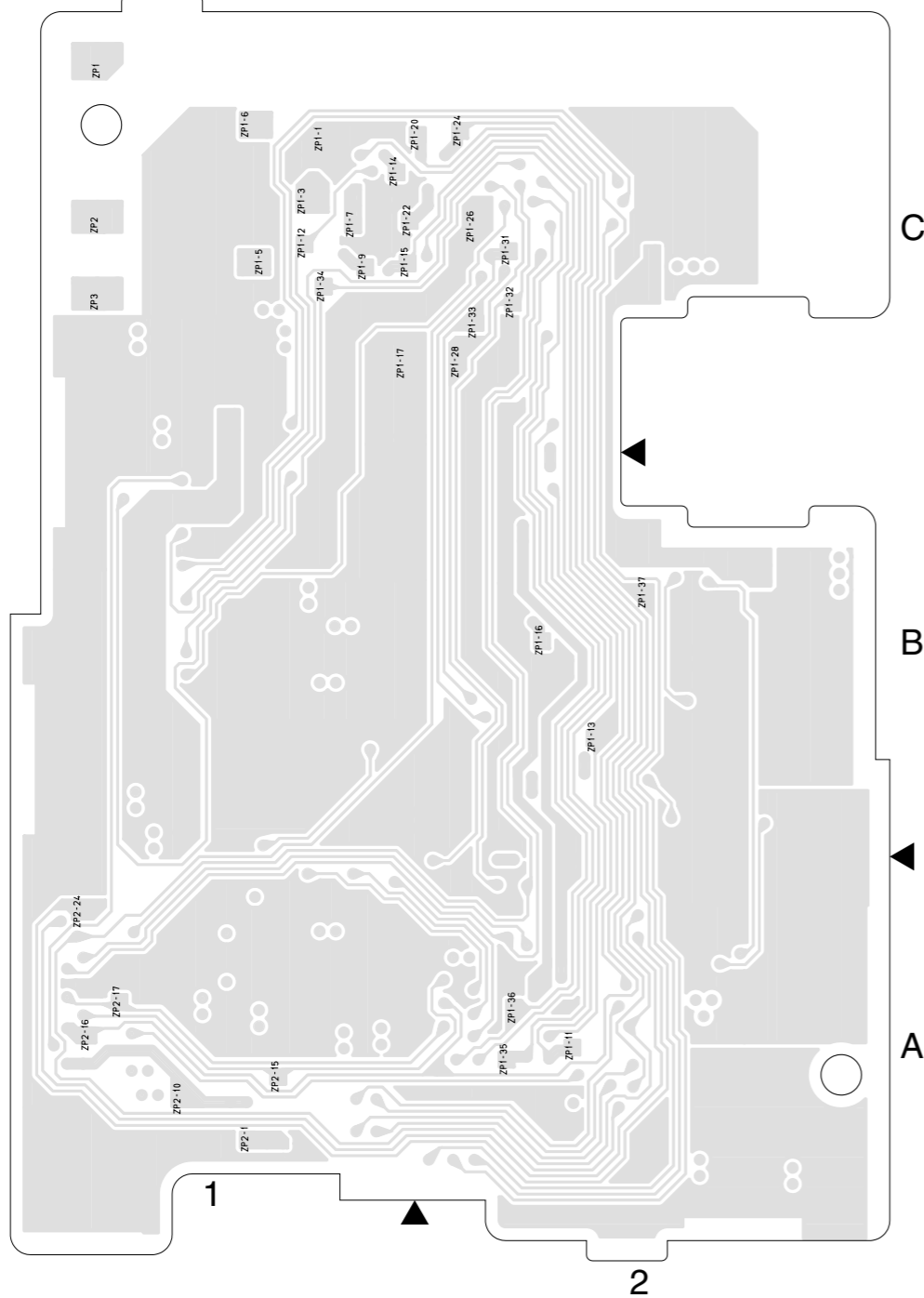


—JUNCTION—

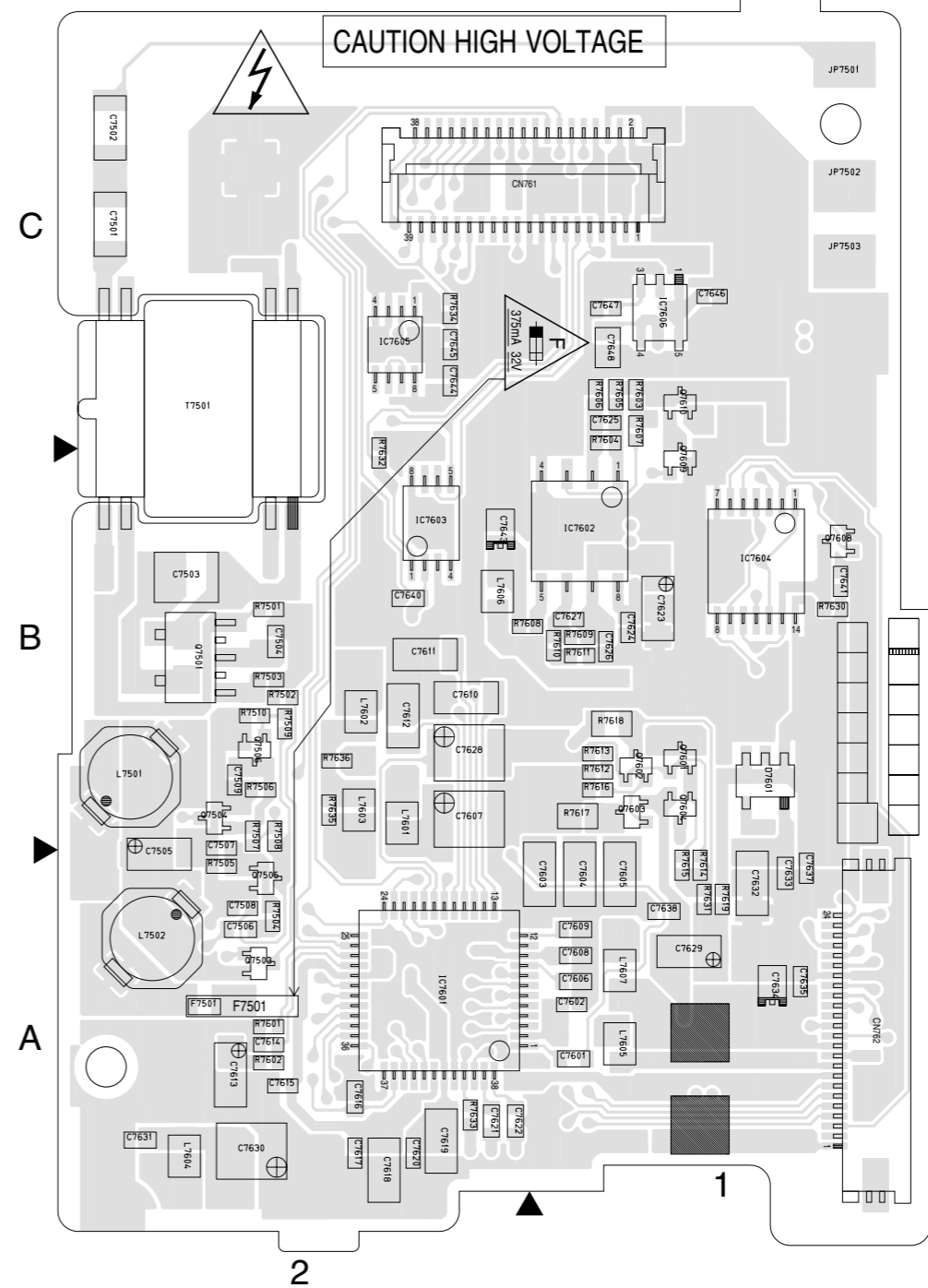


4.40 MONITOR CIRCUIT BOARD

04 MONITOR PWB  
YB10321-01-01  
FOIL SIDE(B)



04 MONITOR PWB  
YB10321-01-01  
COMPONENT SIDE(A)



COMPONENT PARTS LOCATION GUIDE <MONITOR >

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION		
<b>CAPACITOR</b>																											
C7501	A C 2C	C7603	A C 1A	C7616	A C 2A	C7629	A C 1A	C7645	A C 2C	IC7602	A C 1B	L7605	A C 1A	Q7604	A C 1B	R7508	A C 2B	R7611	A C 1B	R7634	A C 2C	ZP3	B C 1C	ZP1-16	B C 2B	ZP1-37	B C 2B
C7502	A C 2C	C7604	A C 1A	C7617	A C 2A	C7630	A C 2A	C7646	A C 1C	IC7603	A C 2B	L7606	A C 2B	Q7608	A C 1B	R7509	A C 2B	R7612	A C 1B	R7635	A C 2B	ZP1-1	B C 1C	ZP1-17	B C 1C	ZP2-10	B B C 2C
C7503	A C 2B	C7605	A C 1A	C7618	A C 2A	C7631	A C 2A	C7647	A C 1C	IC7604	A C 1B	L7607	A C 1A	Q7609	A C 1B	R7510	A C 2B	R7613	A C 2B	R7636	A C 2B	ZP1-3	B C 1C	ZP1-20	B B C 2C	ZP2-15	B B C 2C
C7504	A C 2B	C7606	A C 1A	C7619	A C 2A	C7632	A C 1A	C7648	A C 1C	IC7605	A C 2C	<b>TRANSISTOR</b>		Q7610	A C 1C	R7601	A C 2A	R7614	A C 1A	<b>OTHER</b>		ZP1-5	B B C 1C	ZP1-22	B B C 1C	ZP2-16	B B C 1A
C7505	A C 2A	C7607	A C 2B	C7620	A C 2A	C7633	A C 1A	<b>CONNECTOR</b>		IC7606	A C 1C	Q7501	A C 2B	<b>RESISTOR</b>		R7602	A C 2A	R7615	A C 1A	F7501	A C 2A	ZP1-6	B C 1C	ZP1-24	B B C 2C	ZP2-17	B B C 1A
C7506	A C 2A	C7608	A C 1A	C7621	A C 2A	C7634	A C 1A	CN761	A C 1C	<b>COIL</b>		Q7503	A C 2A	R7501	A C 2B	R7603	A C 1C	R7616	A C 1B	JP7501	A C 1C	ZP1-7	B B C 1C	ZP1-26	B B C 2C	ZP2-24	B B C 1A
C7507	A C 2A	C7609	A C 1A	C7622	A C 2A	C7635	A C 1A	CN762	A C 1A	L7501	A C 2A	Q7504	A C 2B	R7502	A C 2B	R7604	A C 1C	R7617	A C 1B	JP7502	A C 1C	ZP1-9	B B C 1C	ZP1-28	B B C 2C		
C7508	A C 2B	C7610	A C 2B	C7623	A C 1B	C7637	A C 1A	<b>DIODE</b>		L7502	A C 2A	Q7505	A C 2A	R7503	A C 2A	R7605	A C 1C	R7618	A C 1A	JP7503	A C 1C	ZP2-1	B C 1A	ZP1-31	B B C 2C		
C7509	A C 2A	C7611	A C 2B	C7624	A C 1B	C7638	A C 1A	D7601	A C 1B	L7601	A C 2B	Q7506	A C 2B	R7504	A C 2A	R7606	A C 1C	R7619	A C 1A	PC013	A C 2A	ZP1-11	B B C 2A	ZP1-32	B B C 2C		
C7601	A C 1A	C7612	A C 2B	C7625	A C 1C	C7640	A C 2B	<b>IC</b>		L7602	A C 2B	Q7601	A C 2B	R7505	A C 2A	R7607	A C 1C	R7630	A C 1C	T7501	A C 2C	ZP1-12	B B C 1C	ZP1-33	B B C 2C		
C7602	A C 1A	C7613	A C 2A	C7626	A C 1B	C7641	A C 2B	IC7601	A C 2A	L7603	A C 2B	Q7602	A C 1B	R7506	A C 2B	R7608	A C 2B	R7631	A C 1A	ZP1	A C 1C	ZP1-13	B B C 2B	ZP1-34	B B C 1C		
		C7614	A C 2A	C7627	A C 1B	C7643	A C 2B			L7604	A C 2A	Q7603	A C 1B	R7507	A C 2B	R7609	A C 1B	R7632	A C 2B	ZP2	B C 1C	ZP1-14	B B C 1C	ZP1-35	B B C 2A		
		C7615	A C 2A	C7628	A C 2B	C7644	A C 2C									R7610	A C 1B	R7633	A C 2A			ZP1-15	B B C 1C	ZP1-36	B B C 2A		

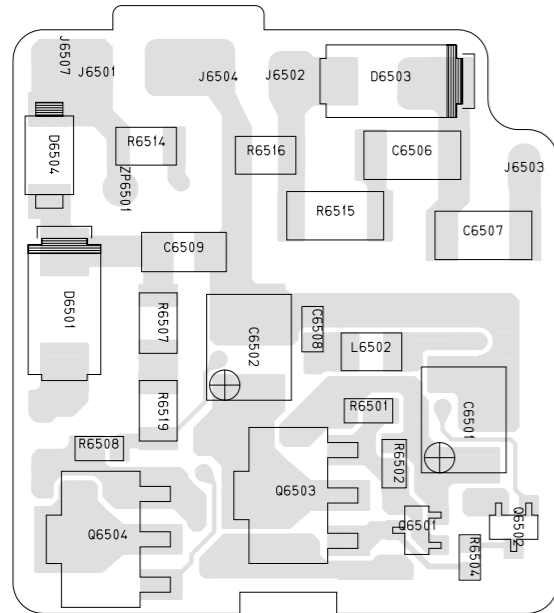


4.42 STROBE, W/B AND JACK CIRCUIT BOARDS

—STROBE— [GR-DVX77EG/EK, DVX88EG]

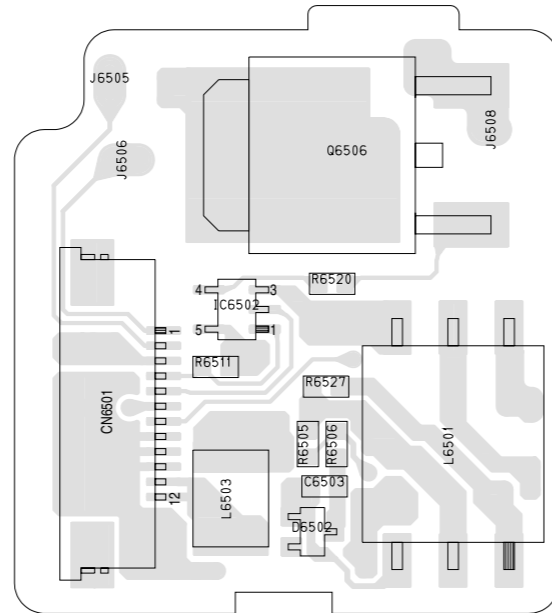
FOIL SIDE(B)

07 STROBE PWB  
YB10249-01-01



COMPONENT SIDE(A)

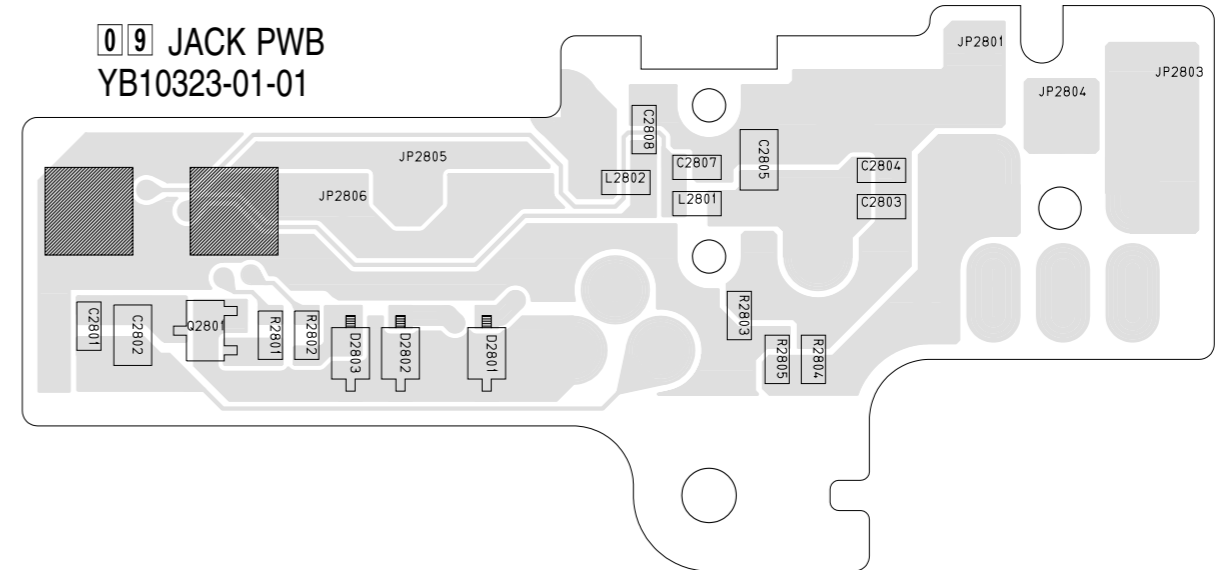
07 STROBE PWB  
YB10249-01-01



—JACK—

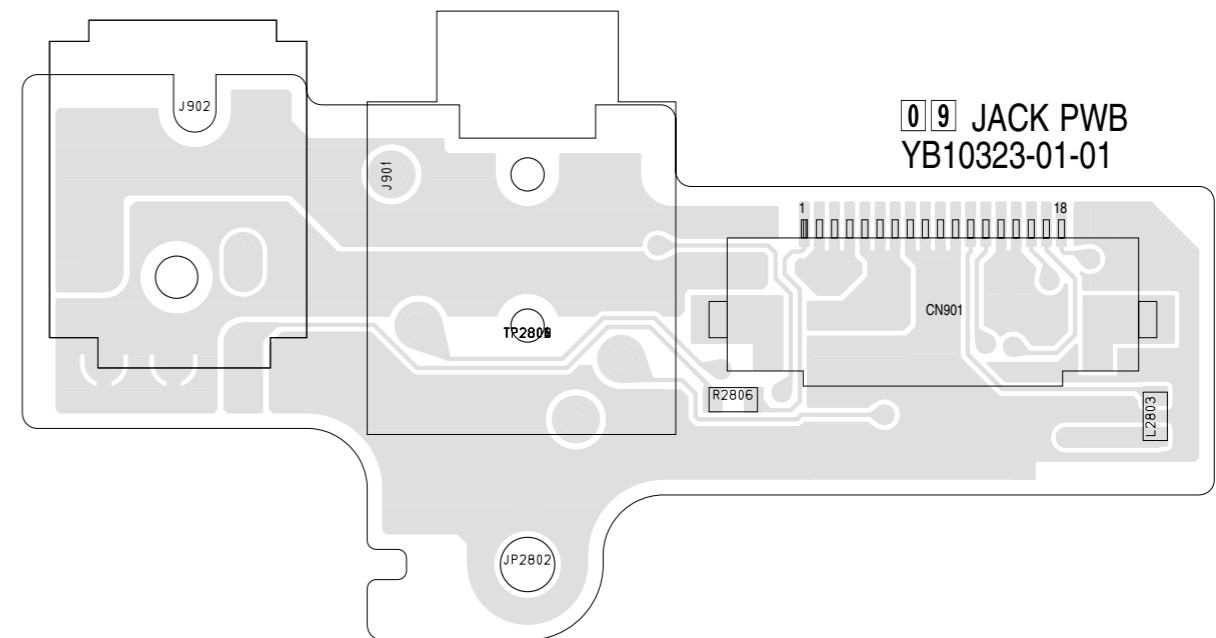
FOIL SIDE(B)

09 JACK PWB  
YB10323-01-01



COMPONENT SIDE(A)

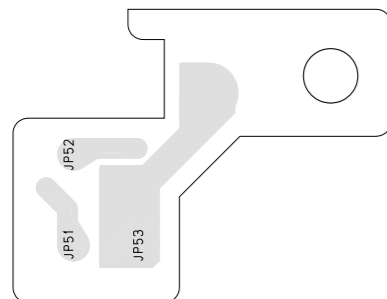
09 JACK PWB  
YB10323-01-01



—W/B—

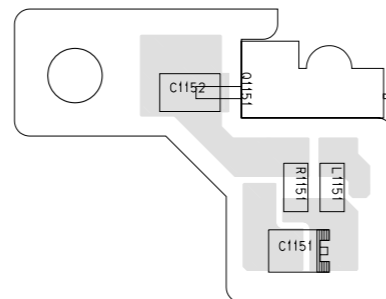
FOIL SIDE(B)

11 W/B PWB  
YB10320-01-01



COMPONENT SIDE(A)

11 W/B PWB  
YB10320-01-01

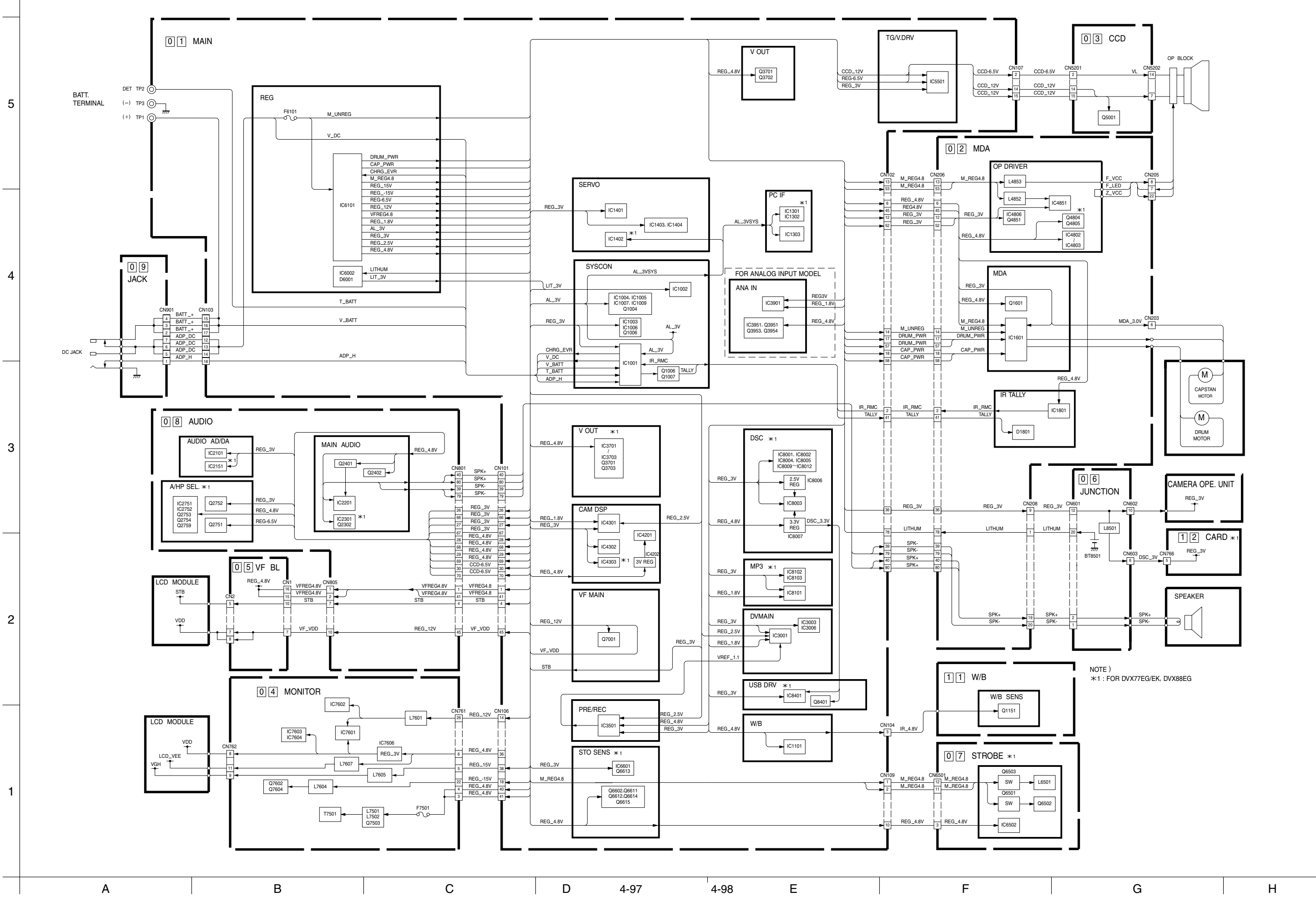








### 4.44 POWER SYSTEM BLOCK DIAGRAM



A

B

C

D

4-97

4-98

E

F

G

H

4.45 VIDEO SYSTEM BLOCK DIAGRAM

