


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.

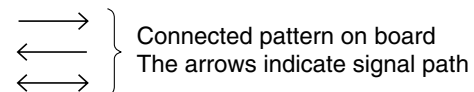
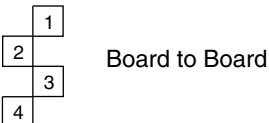
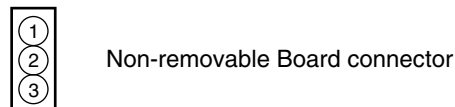
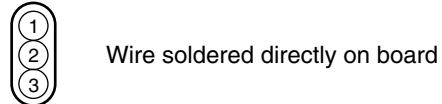
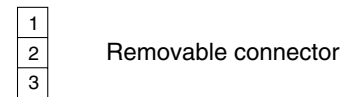
- 1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).
Chip resistors are 1/16 W.
K: K Ω (1000 Ω), M: M Ω (1000K Ω)
- 2) All capacitance values are in μ F, (P: PF).
- 3) All inductance values are in μ H, (m: mH).
- 4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

2. Indications of control voltage

AUX : Active at high.

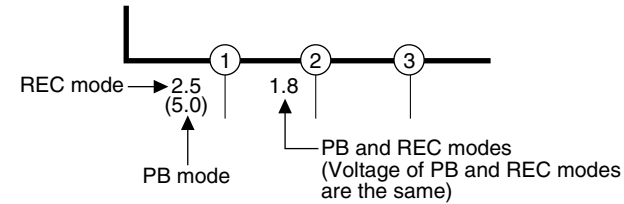
$\overline{\text{AUX}}$ or AUX(L) : Active at low.

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.

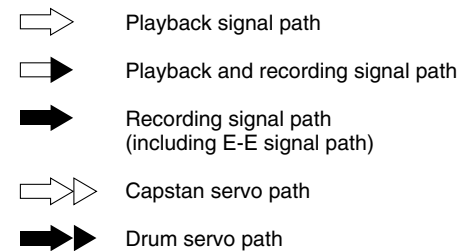


Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.

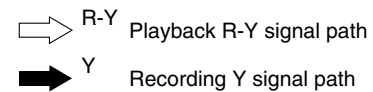
5. Signal path Symbols

The arrows indicate the signal path as follows.

NOTE : The arrow is DVC unique object.



(Example)



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.



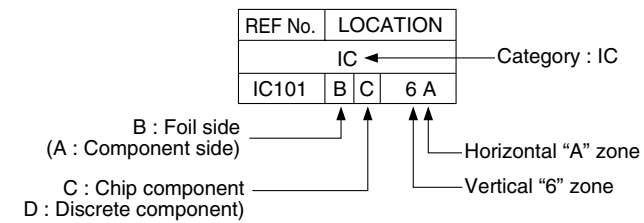
CIRCUIT BOARD NOTES

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.

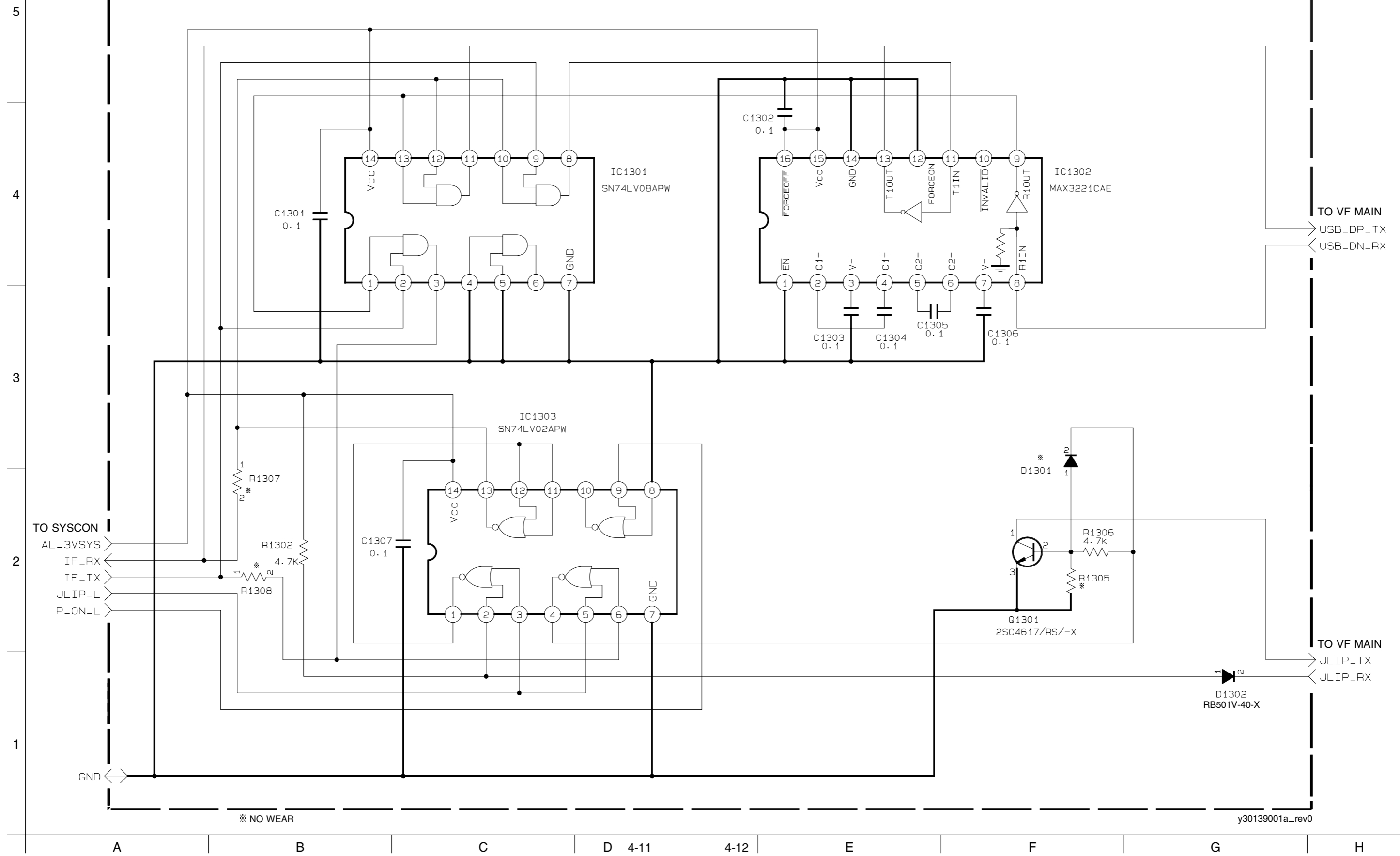


Note: For general information in service manual, please refer to the Service Manual of GENERAL INFORMATION Edition 4 No. 82054D (January 1994).

4.5 PC IF SCHEMATIC DIAGRAM [GR-DVM55U]

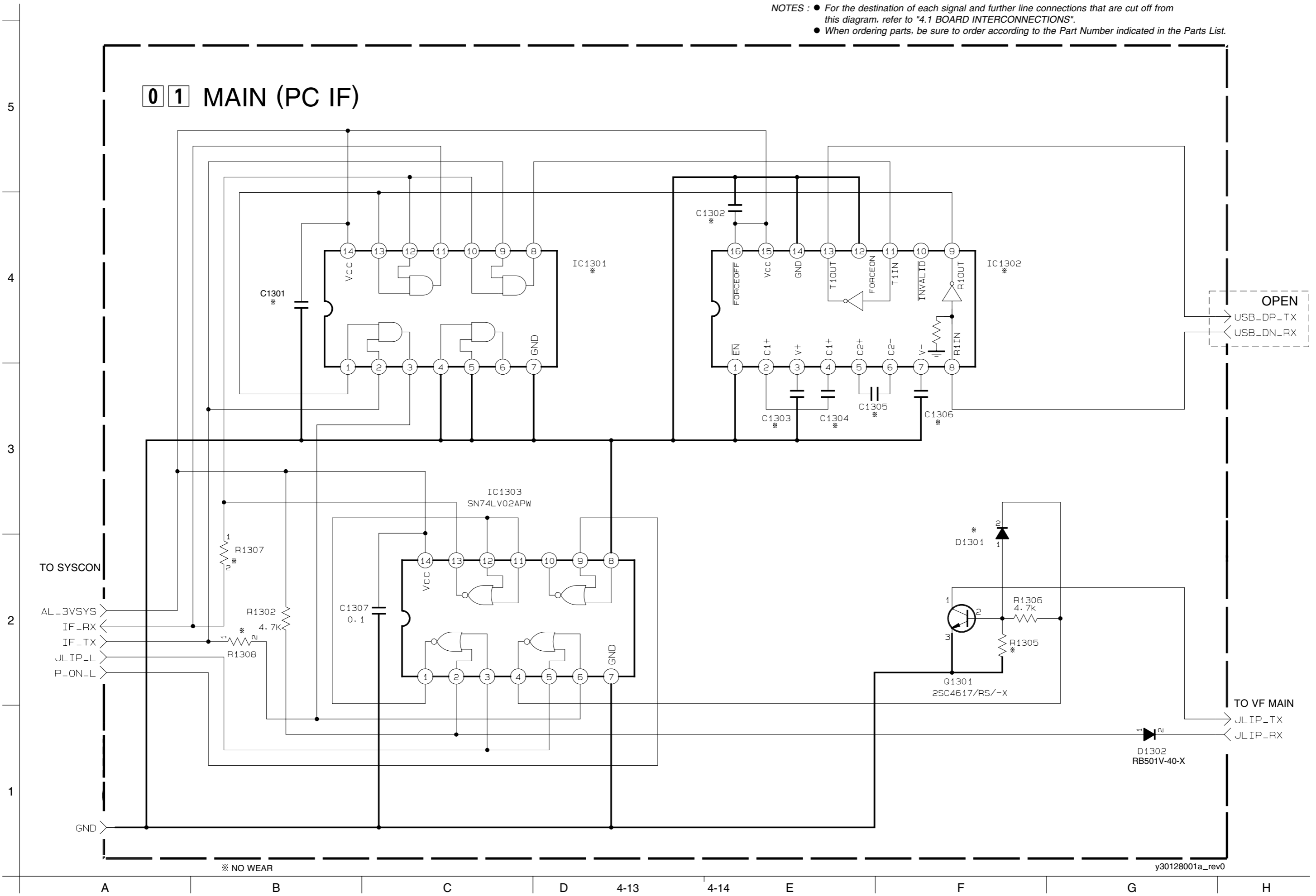
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

0 1 MAIN (PC IF)



4.6 PC IF SCHEMATIC DIAGRAM [GR-DVM75U]

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.

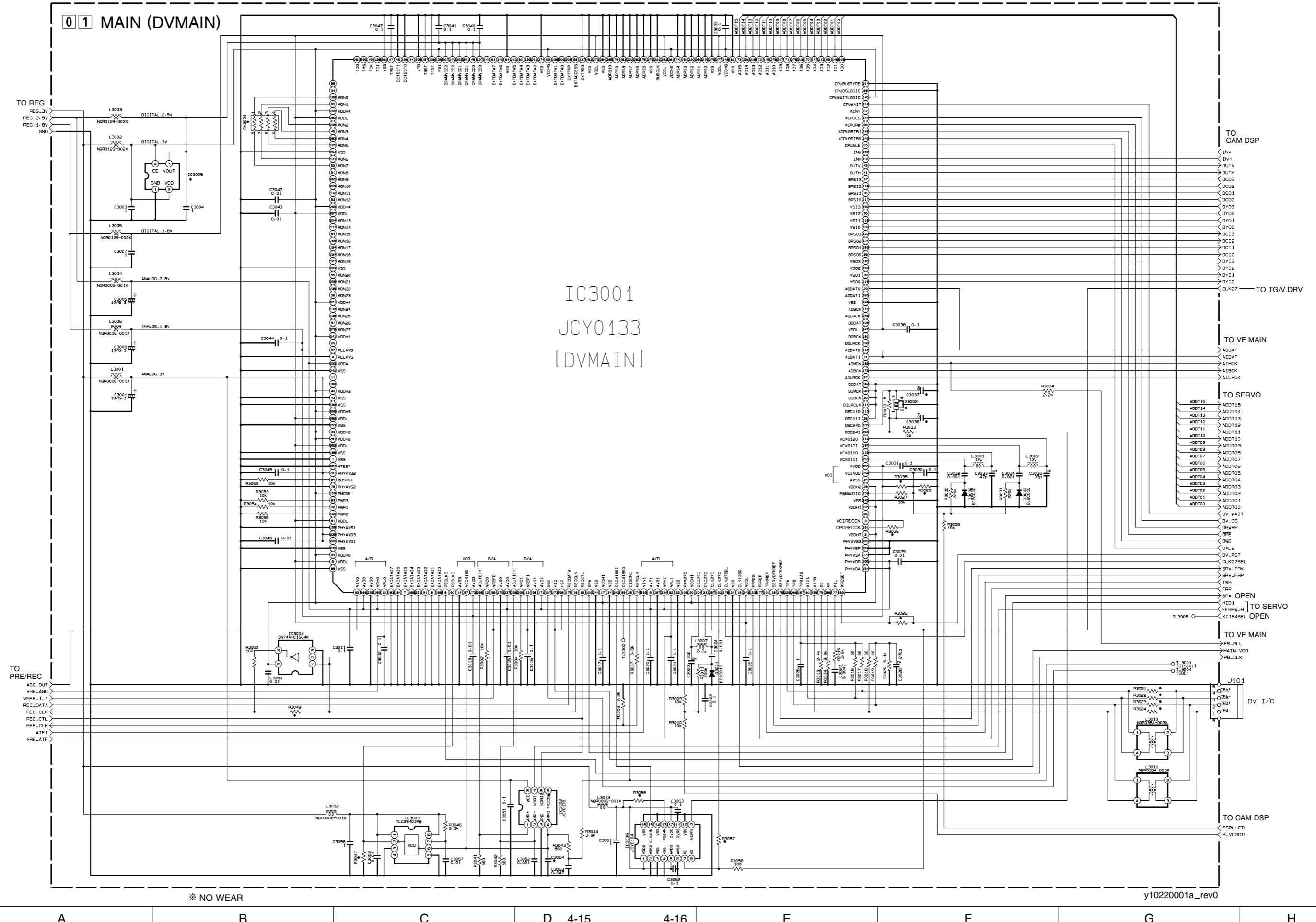


※ NO WEAR

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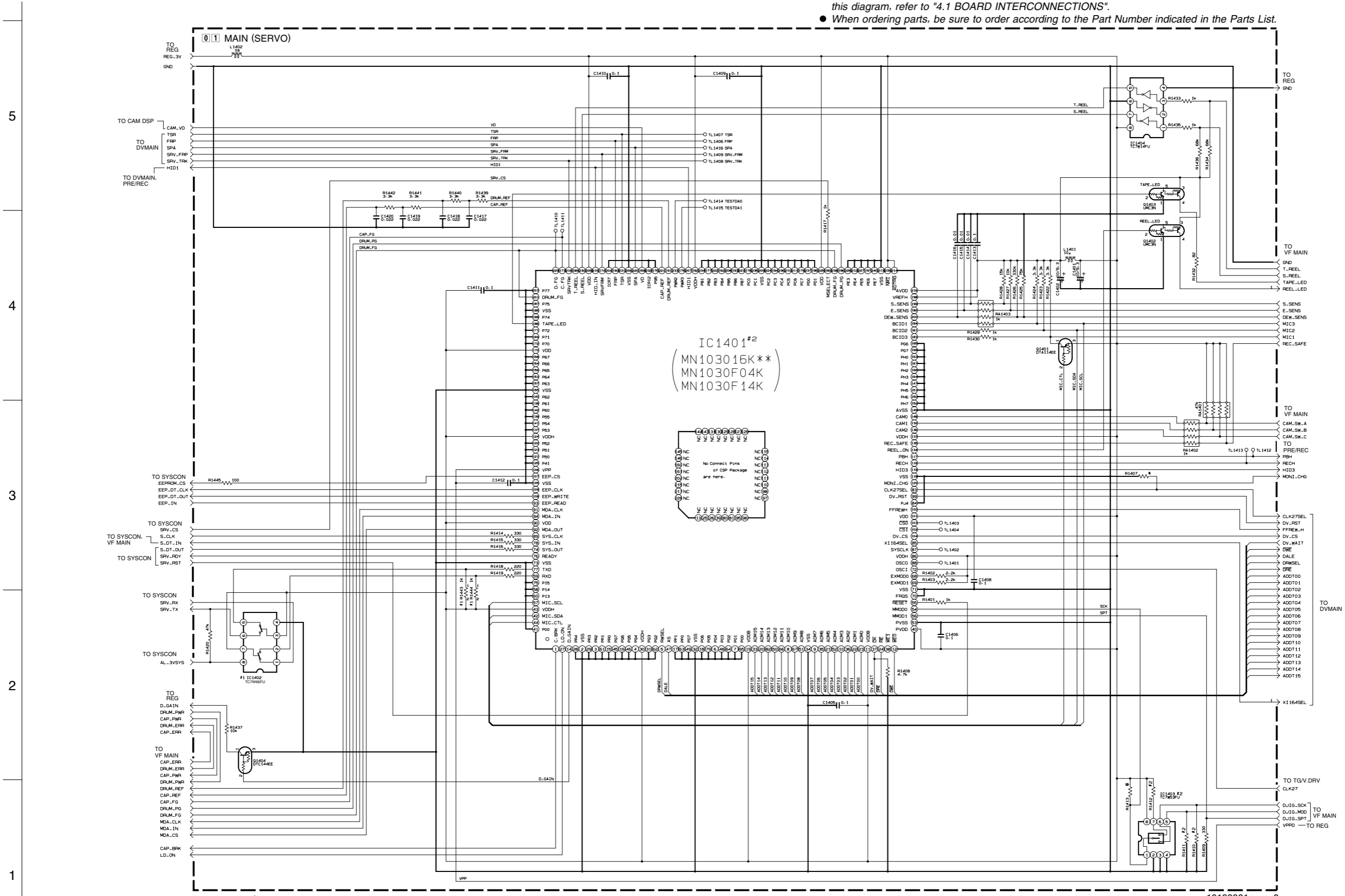
4.7 DVMAIN SCHEMATIC DIAGRAM [GR-DVM55U]

- 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.



4.9 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.



※ NO WEAR

y10199001a_rev0

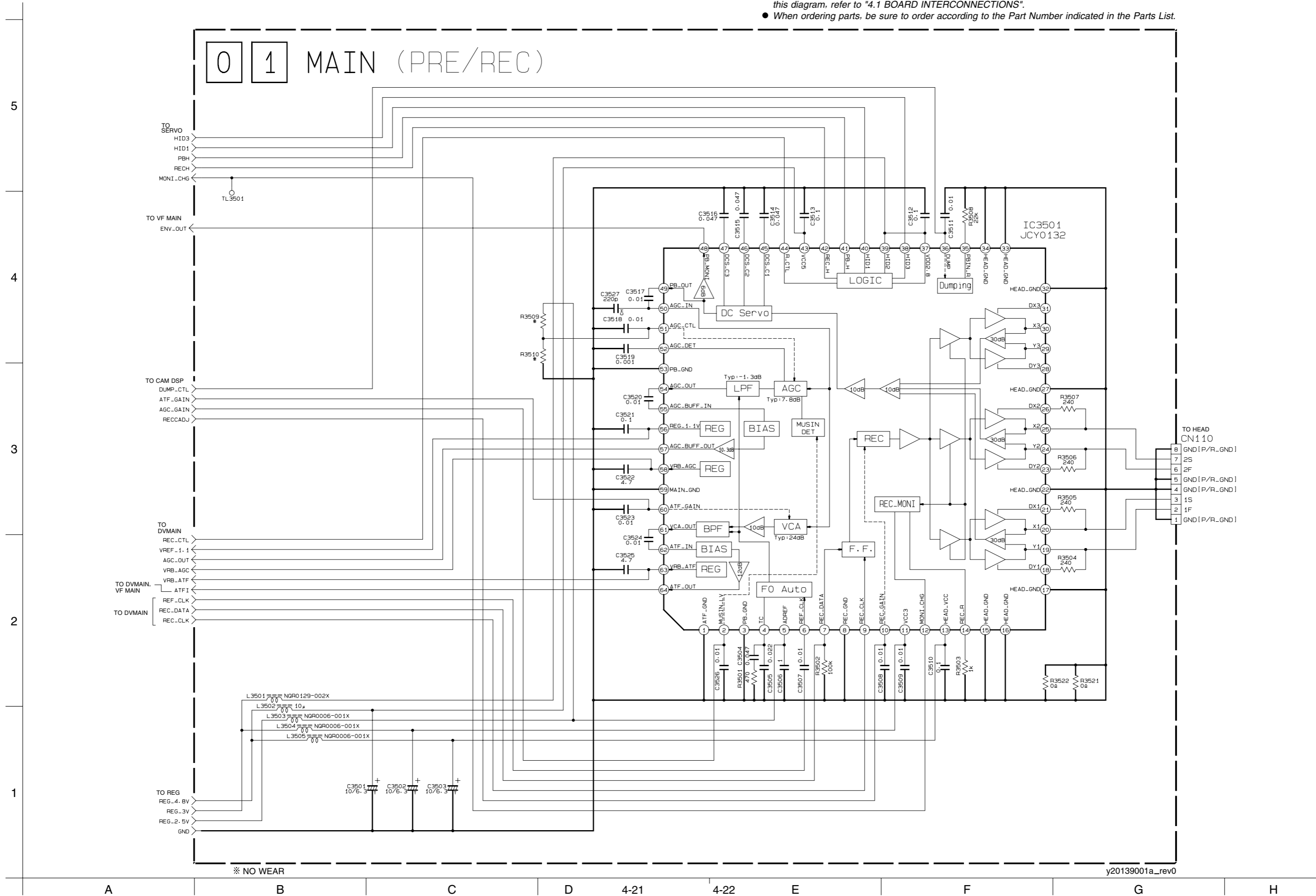
MODEL	IC1401
GR-DVM55U	YQ44886A
GR-DVM75U	YQ44887A

MODEL	IC1402	R1443	R1444
GR-DVM55U	TC7W66FU	NONE	NONE
GR-DVM75U	NONE	1k	1k

MODEL	ROMTYPE	IC1401	IC1403	R1410	R1411	R1412
GR-DVM55U	FLASH	MN1030F04KYBJN	SN75V53FU	330	47k	330
	MASK	MN10316KJN	NONE	NONE	NONE	NONE
GR-DVM75U	FLASH	MN1030F04KYBJP	SN75V53FU	330	47k	330
	MASK	MN10316KJP	NONE	NONE	NONE	NONE

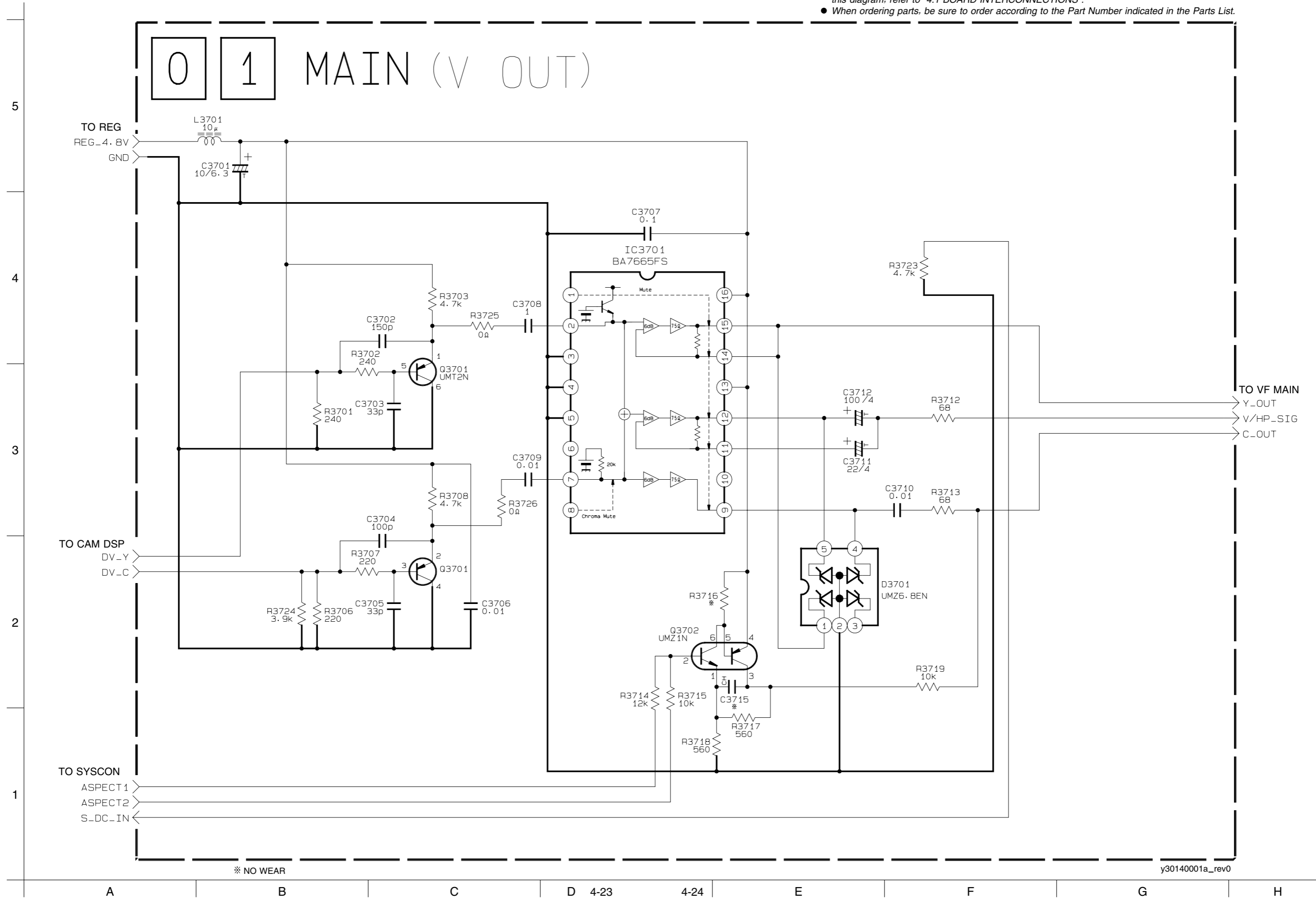
4.10 PRE/REC SCHEMATIC DIAGRAM

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-DVM55U]

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.

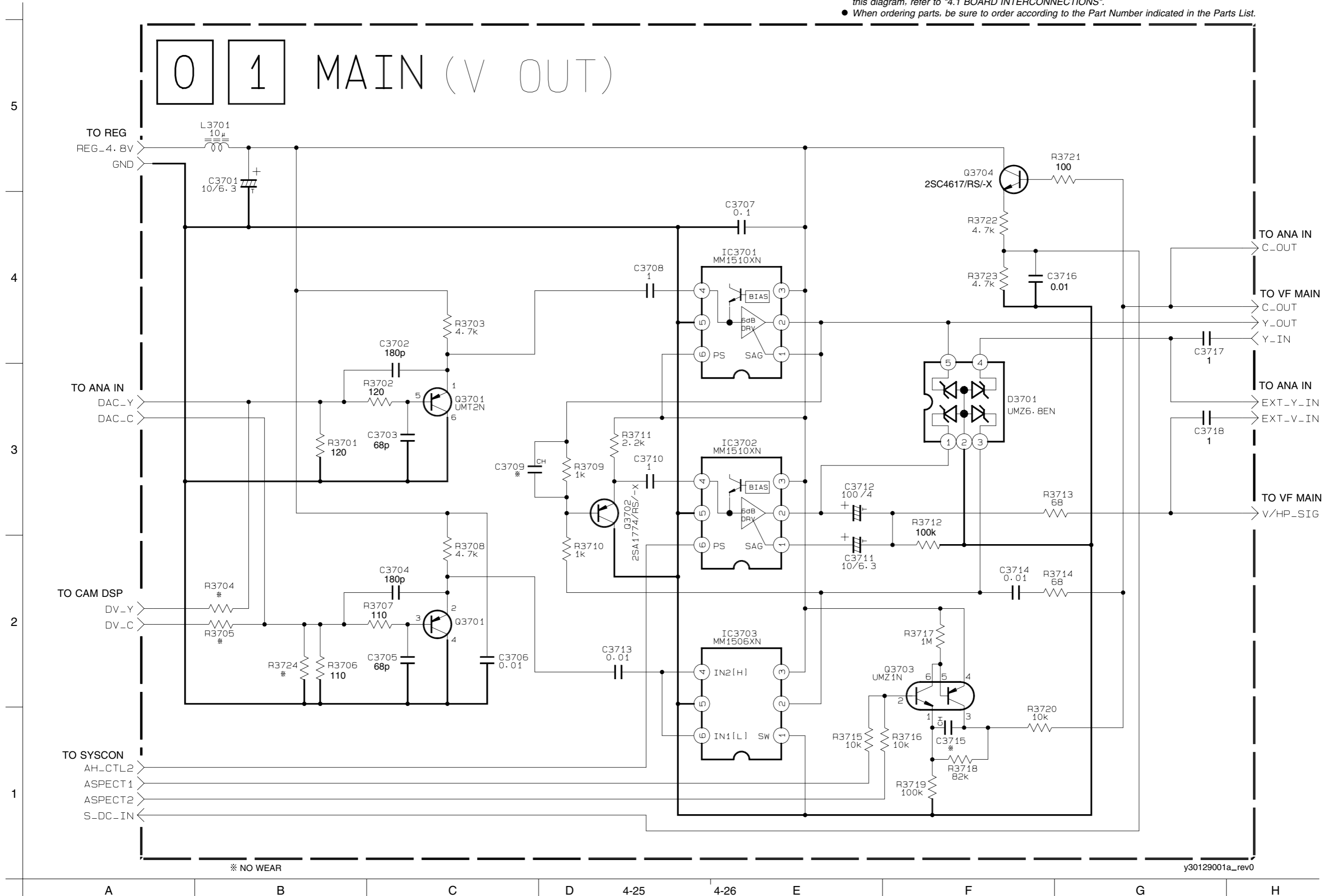


* NO WEAR

y30140001a_rev0

4.12 V OUT SCHEMATIC DIAGRAM [GR-DVM75U]

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.

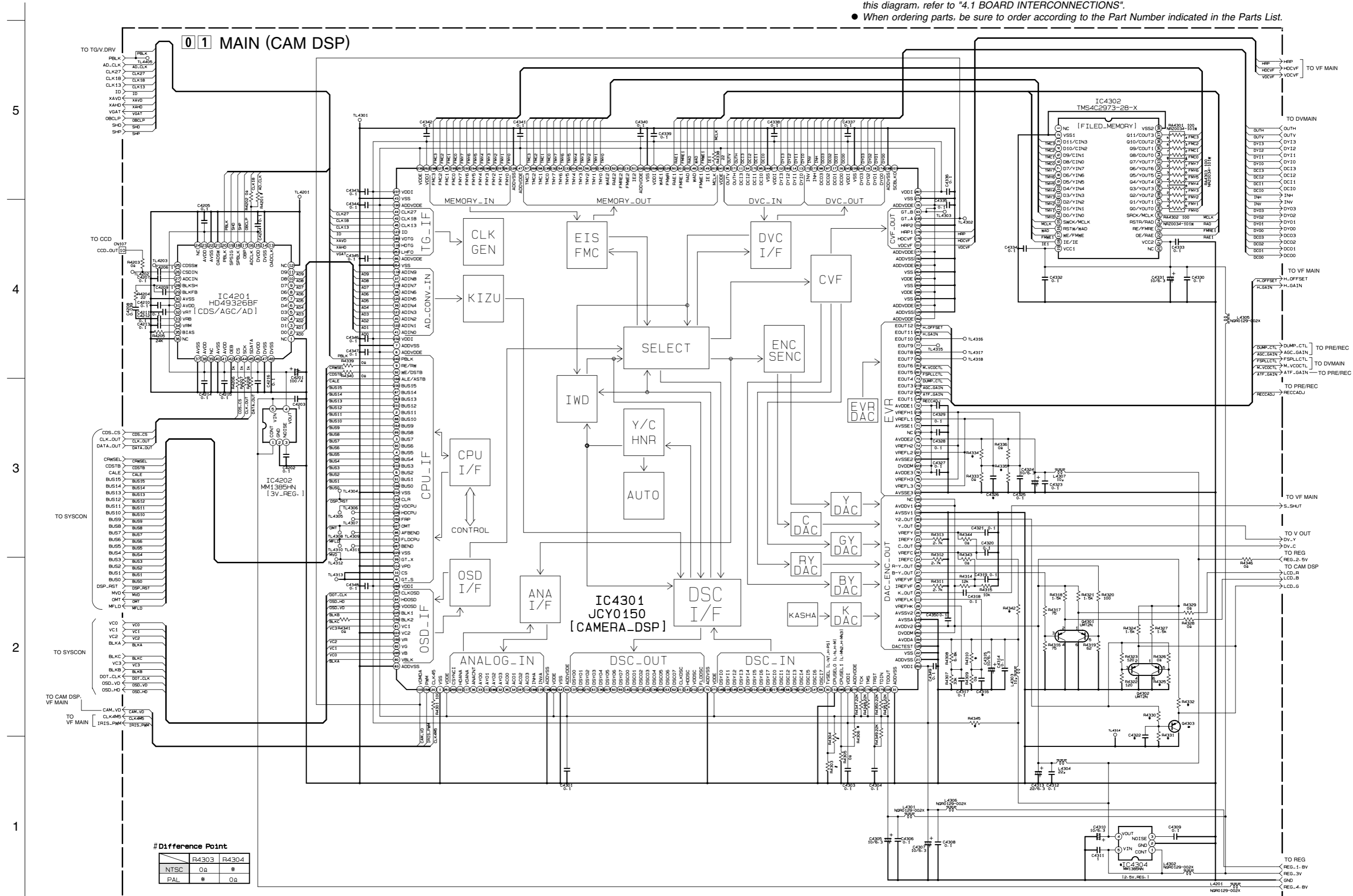


* NO WEAR

y30129001a_rev0

4.13 CAM DSP SCHEMATIC DIAGRAM [GR-DVM55U]

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.



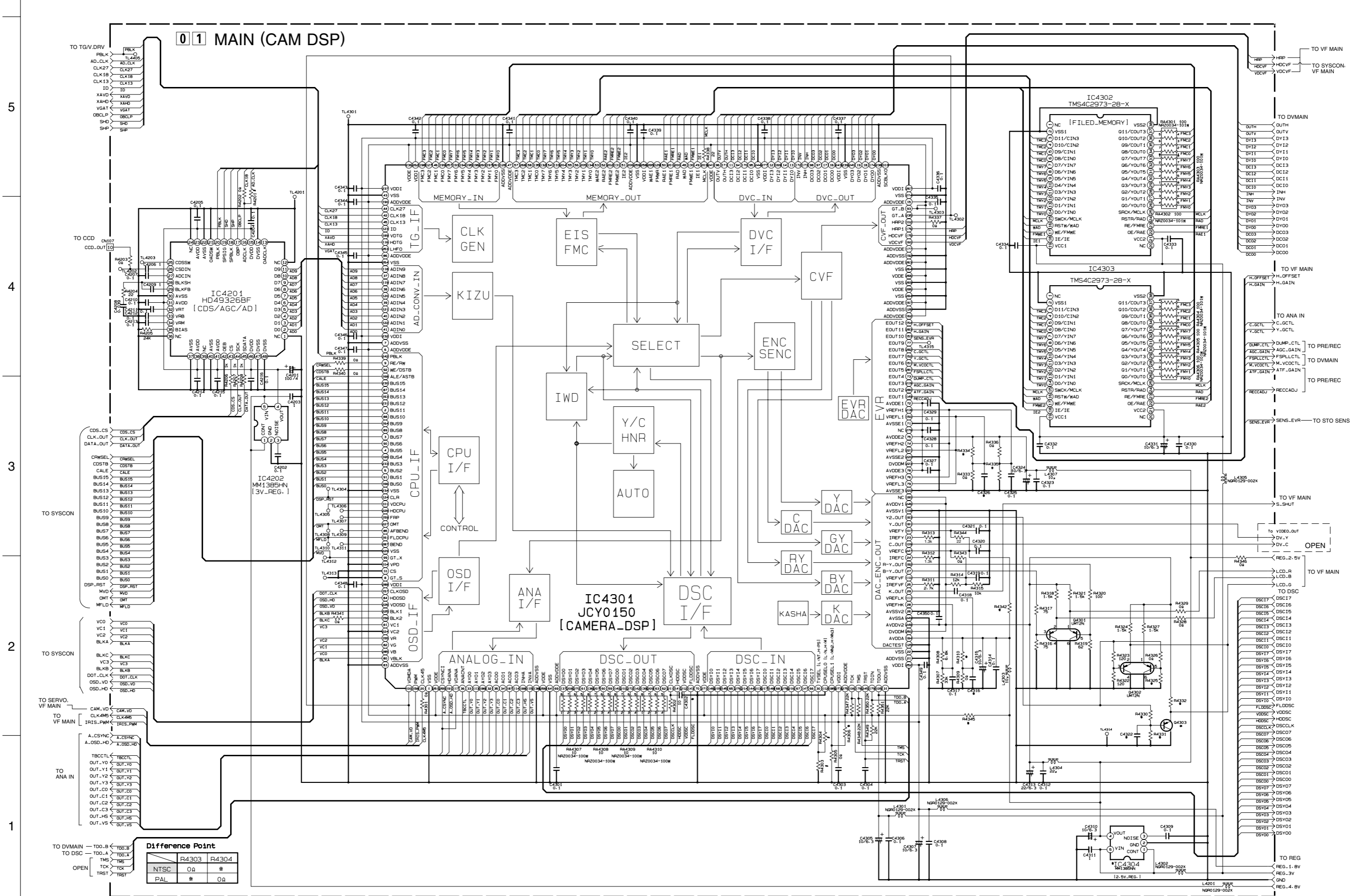
Difference Point

	R4303	R4304
NTSC	0Ω	*
PAL	*	0Ω

※ NO WEAR

y10207001a_rev0

4.14 CAM DSP SCHEMATIC DIAGRAM [GR-DVM75U]



Difference Point

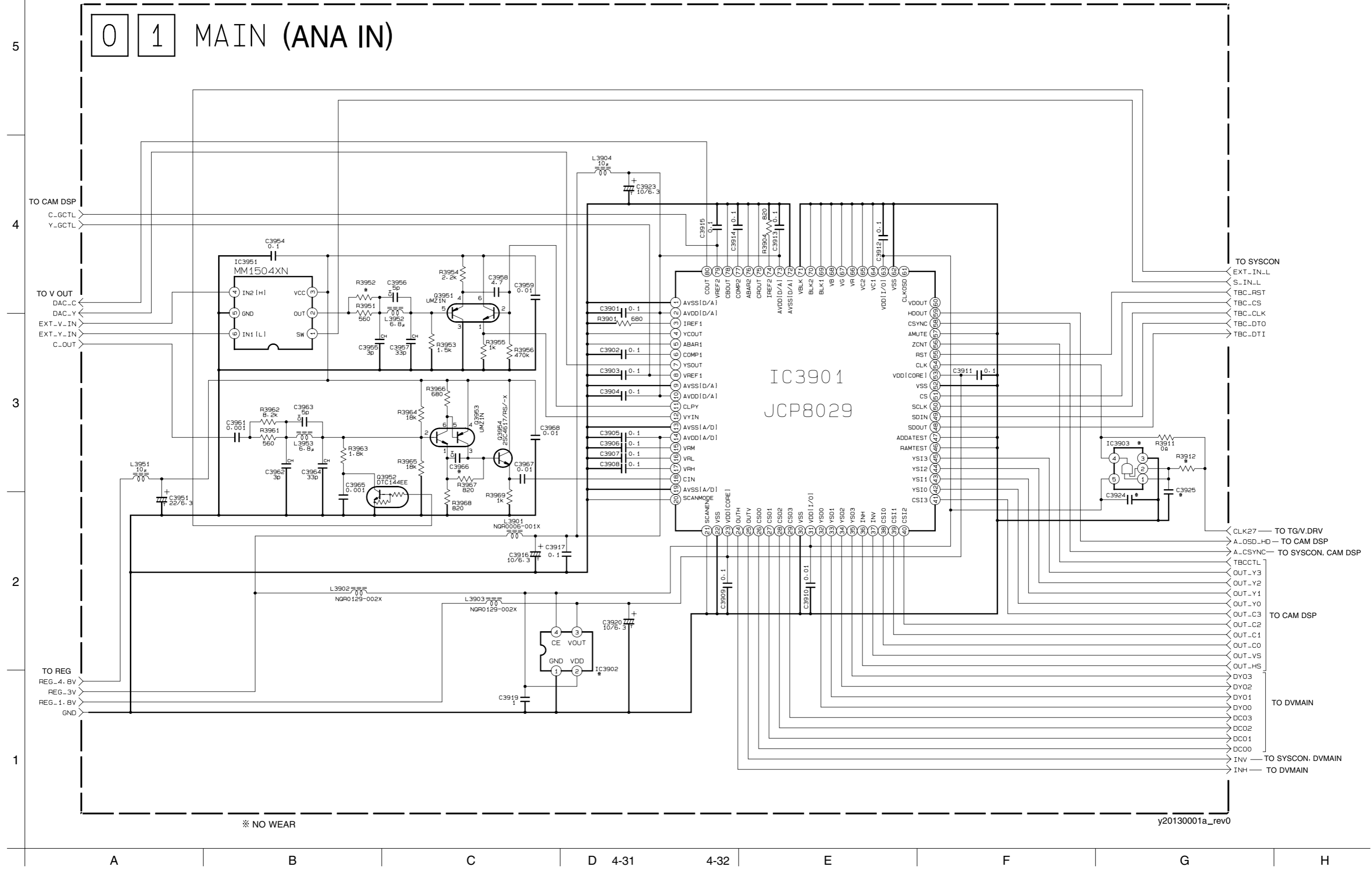
	R4303	R4304
NTSC	0Ω	※
PAL	※	0Ω

※ NO WEAR

y10201001a_rev0

4.15 ANA IN SCHEMATIC DIAGRAM [GR-DVM75U]

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.

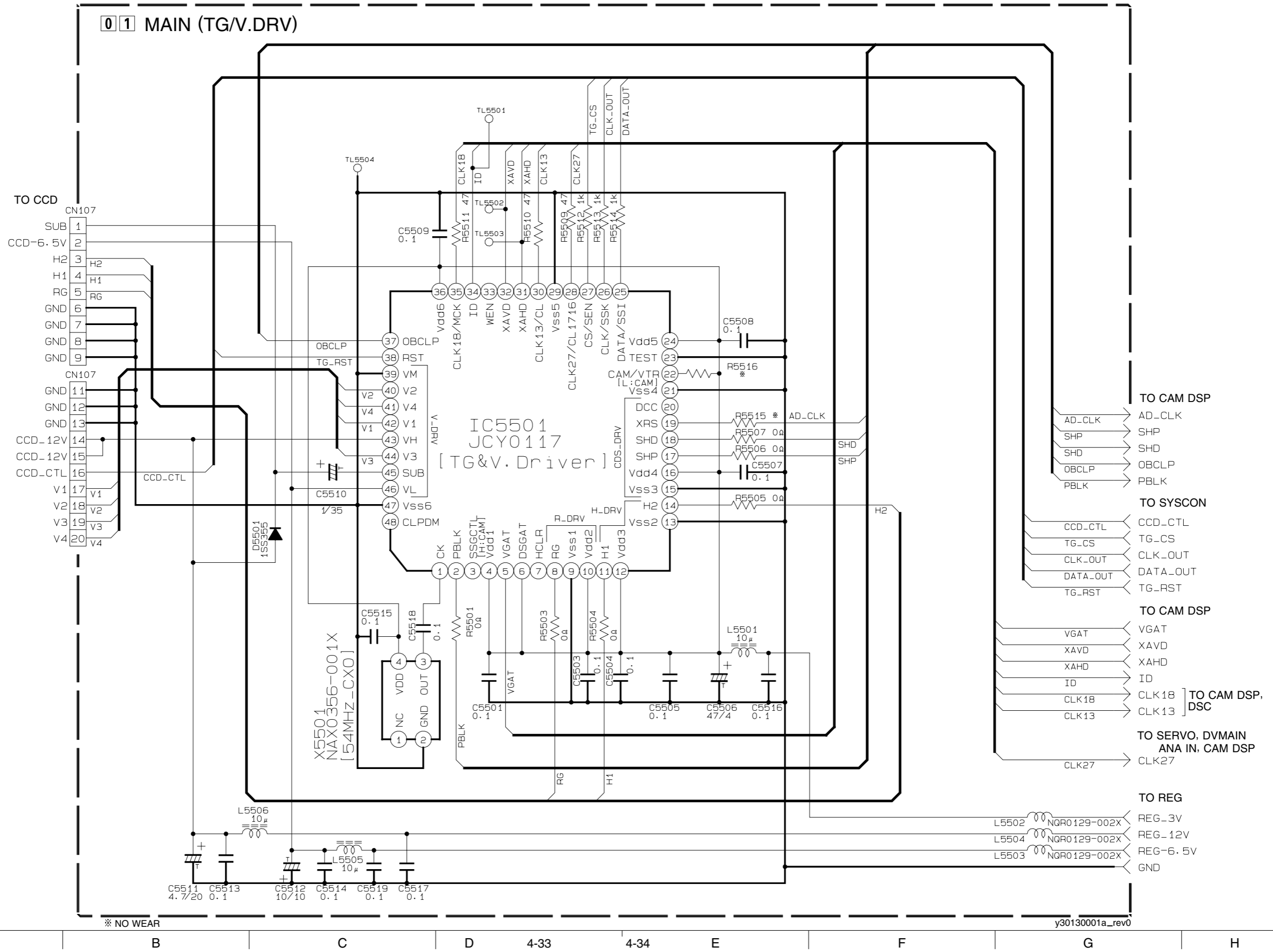


※ NO WEAR

y20130001a_rev0

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.

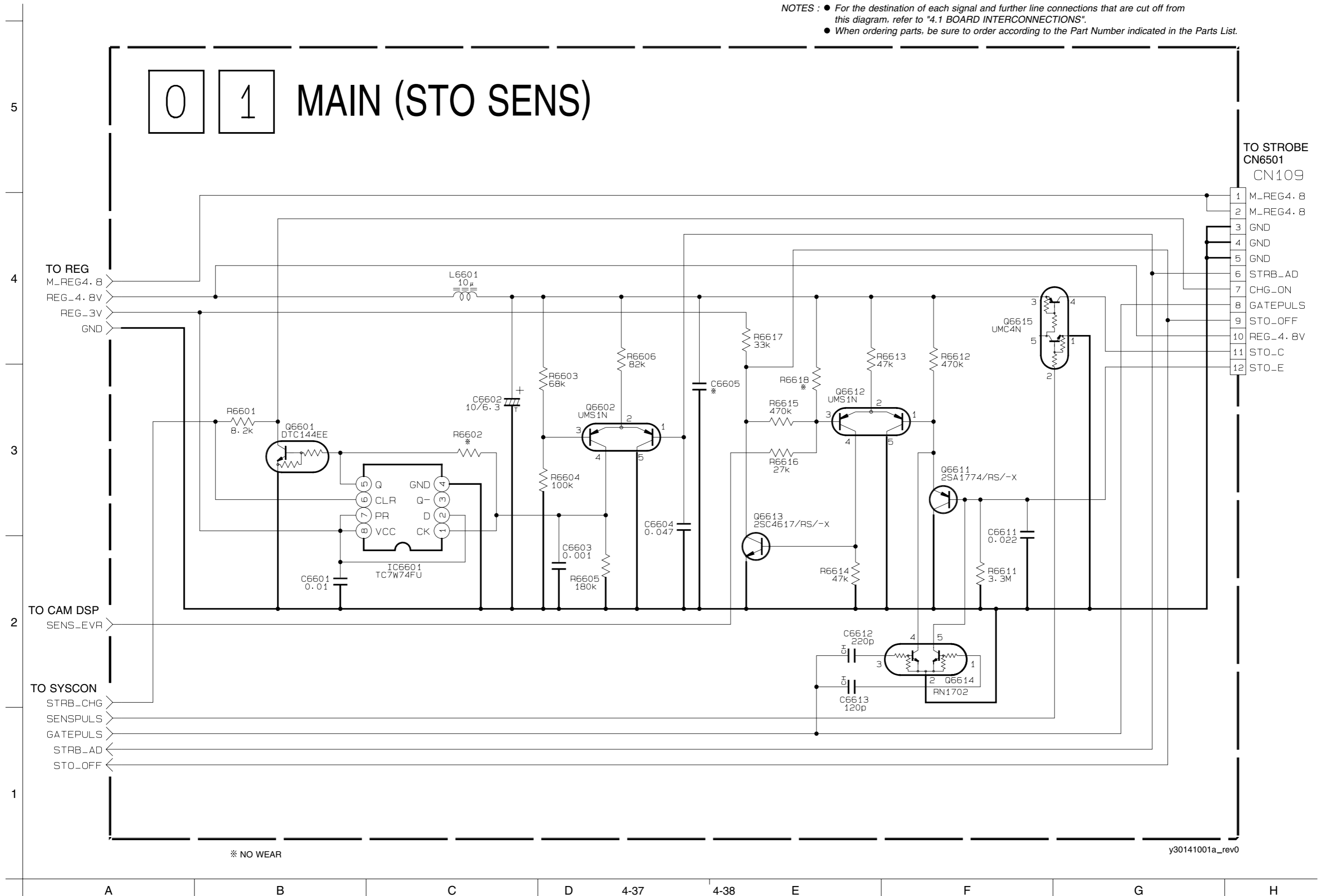


※ NO WEAR

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4.18 STO SENS SCHEMATIC DIAGRAM [GR-DVM75U]

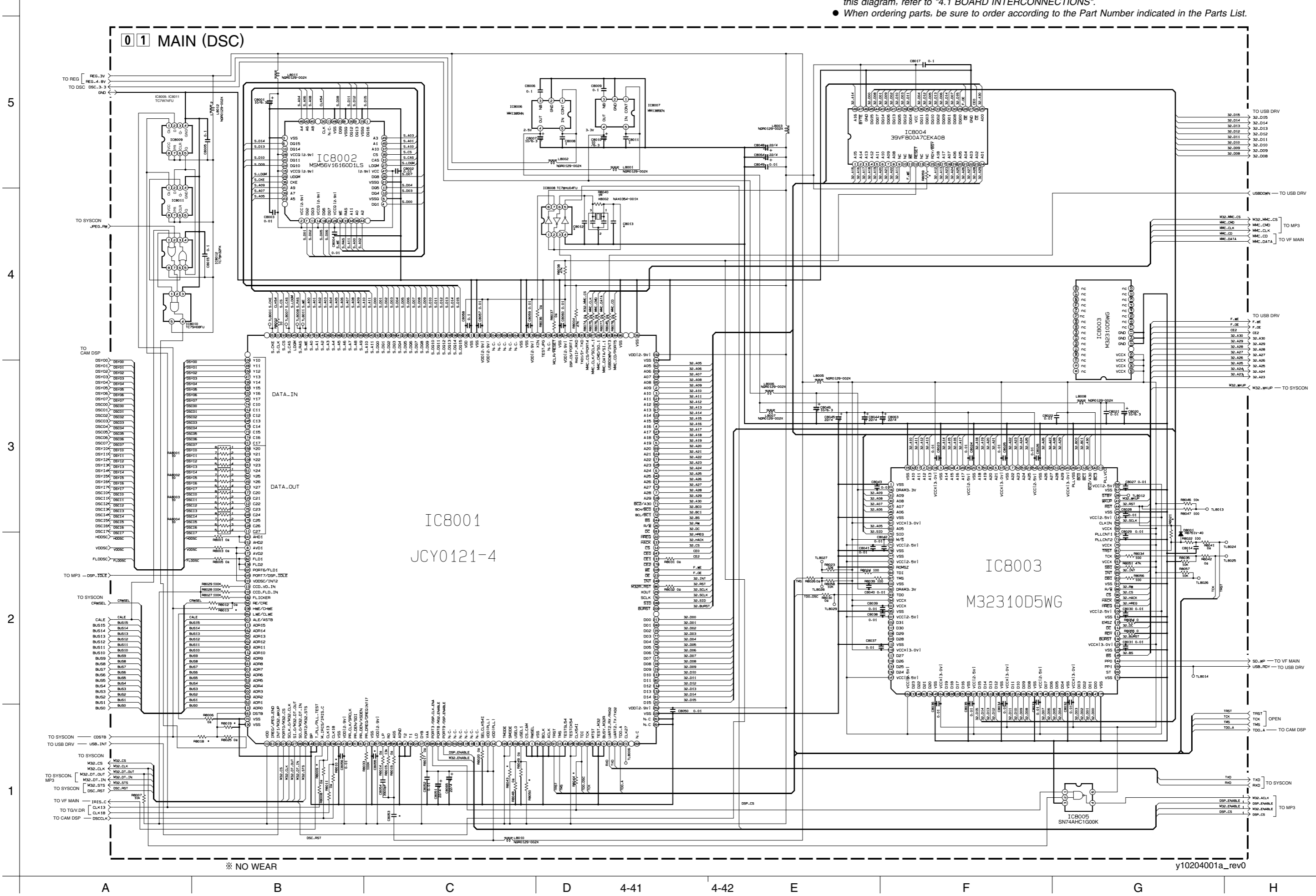
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



* NO WEAR

4.20 DSC SCHEMATIC DIAGRAM [GR-DVM75U]

- 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.

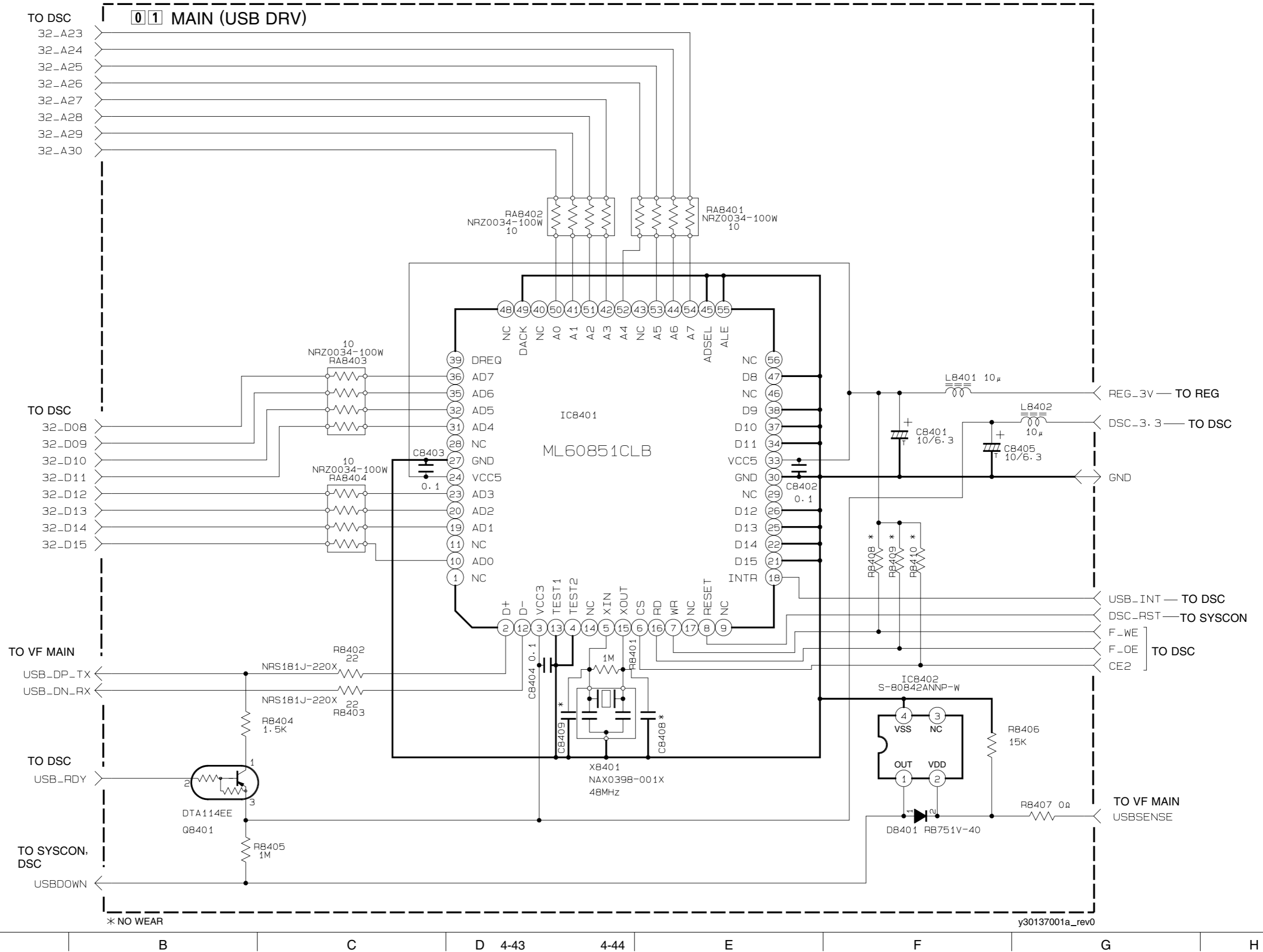


※ NO WEAR

y10204001a_rev0

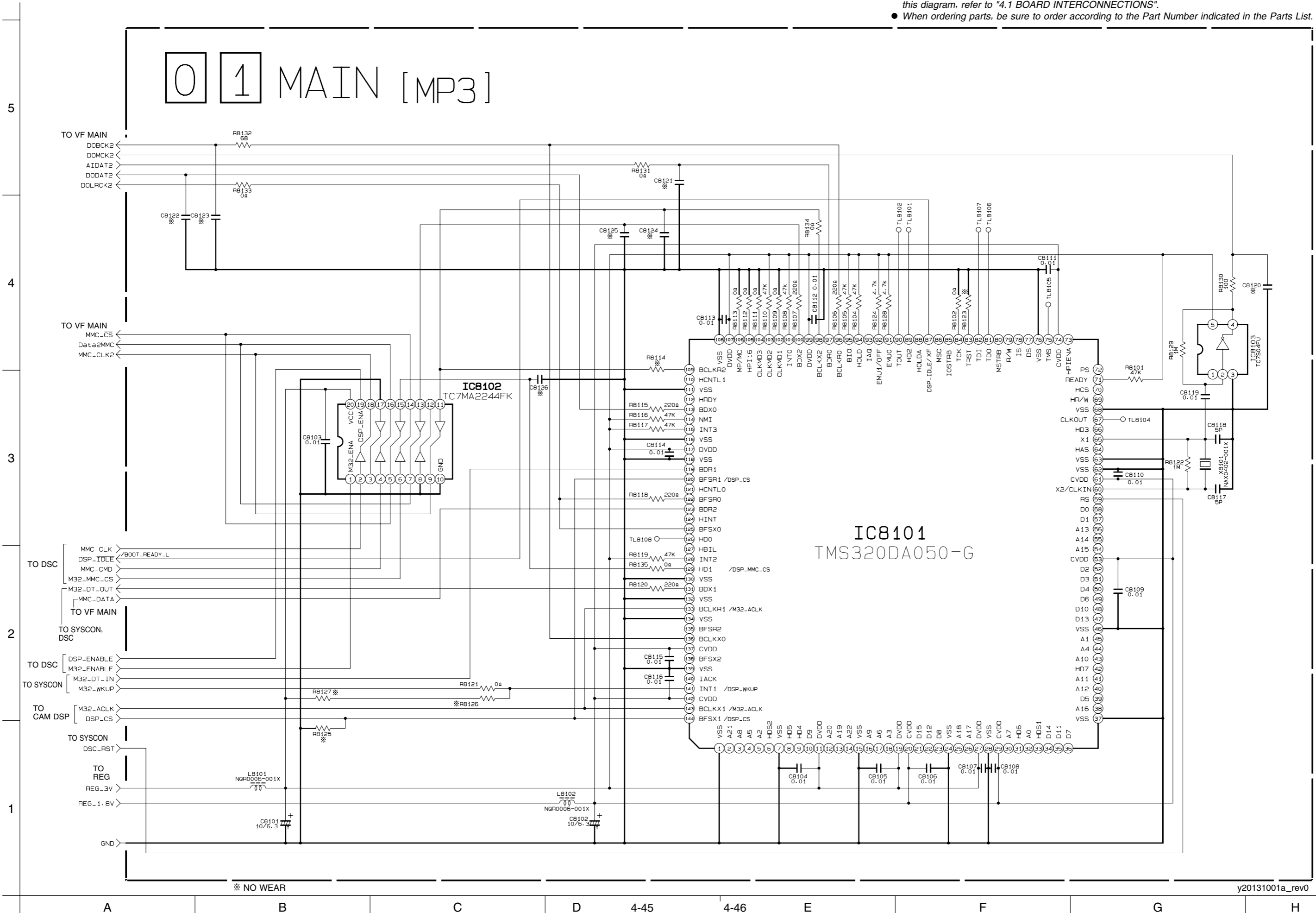
4.21 USB DRV SCHEMATIC DIAGRAM [GR-DVM75U]

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.



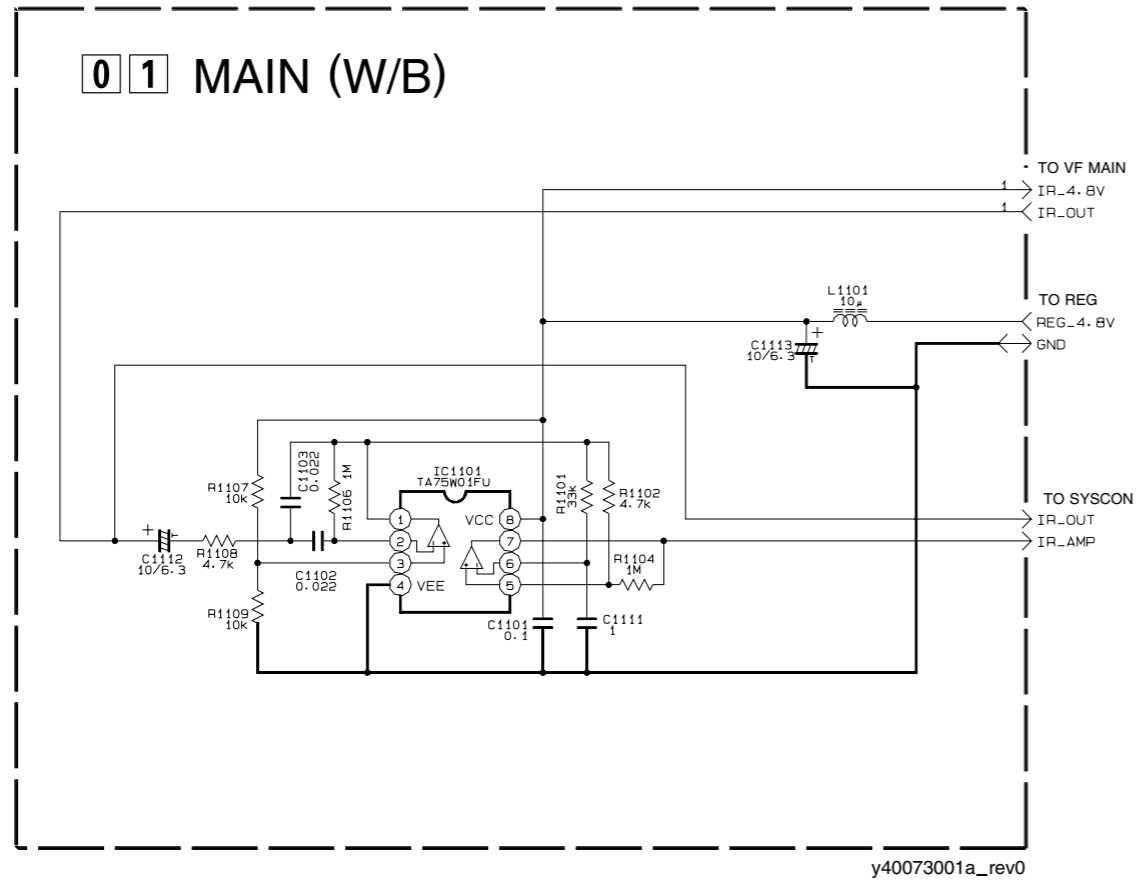
4.22 MP3 SCHEMATIC DIAGRAM [GR-DVM75U]

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.



4.23 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.

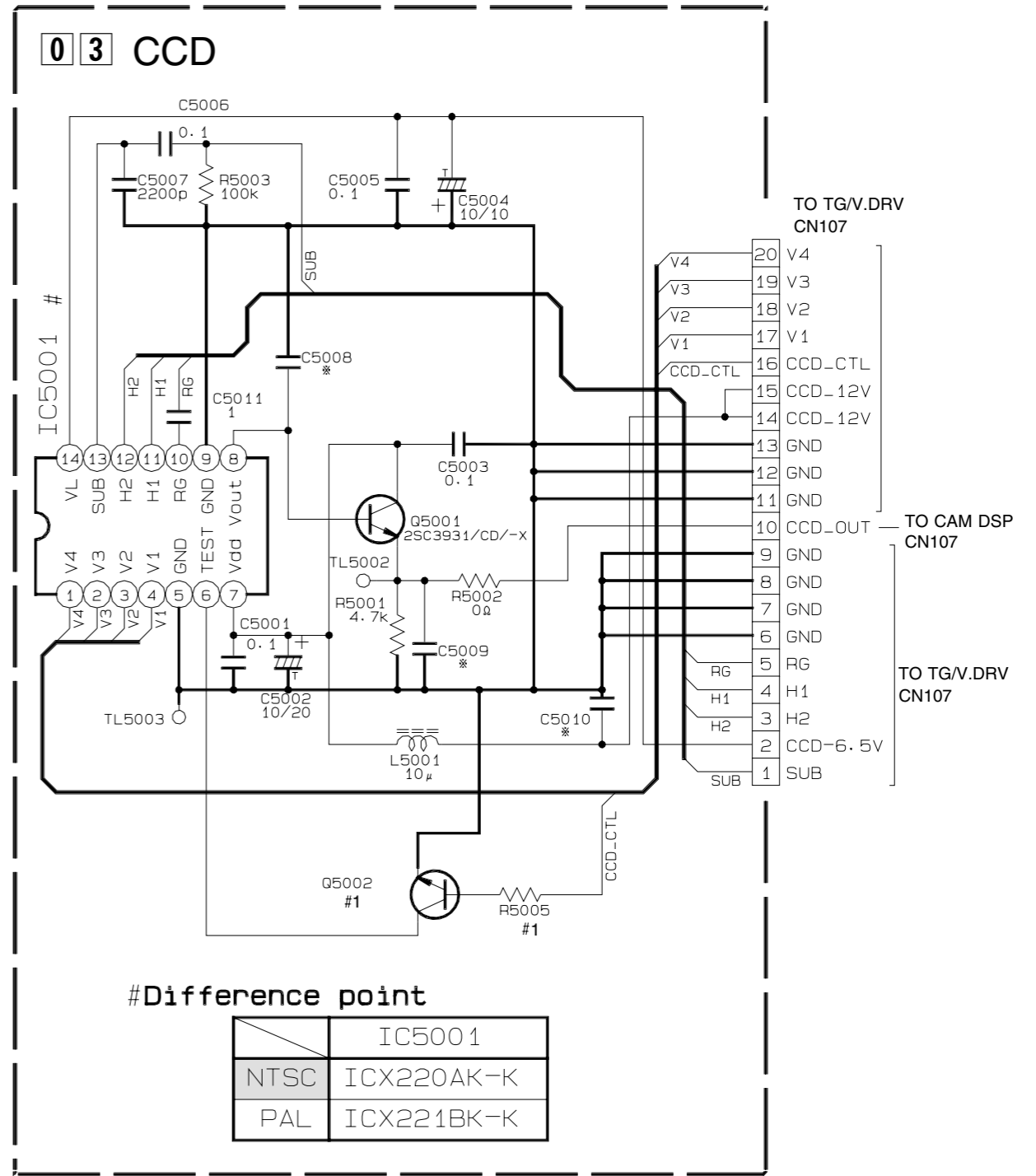


y40073001a_rev0

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.



#Difference point

	IC5001
NTSC	ICX220AK-K
PAL	ICX221BK-K

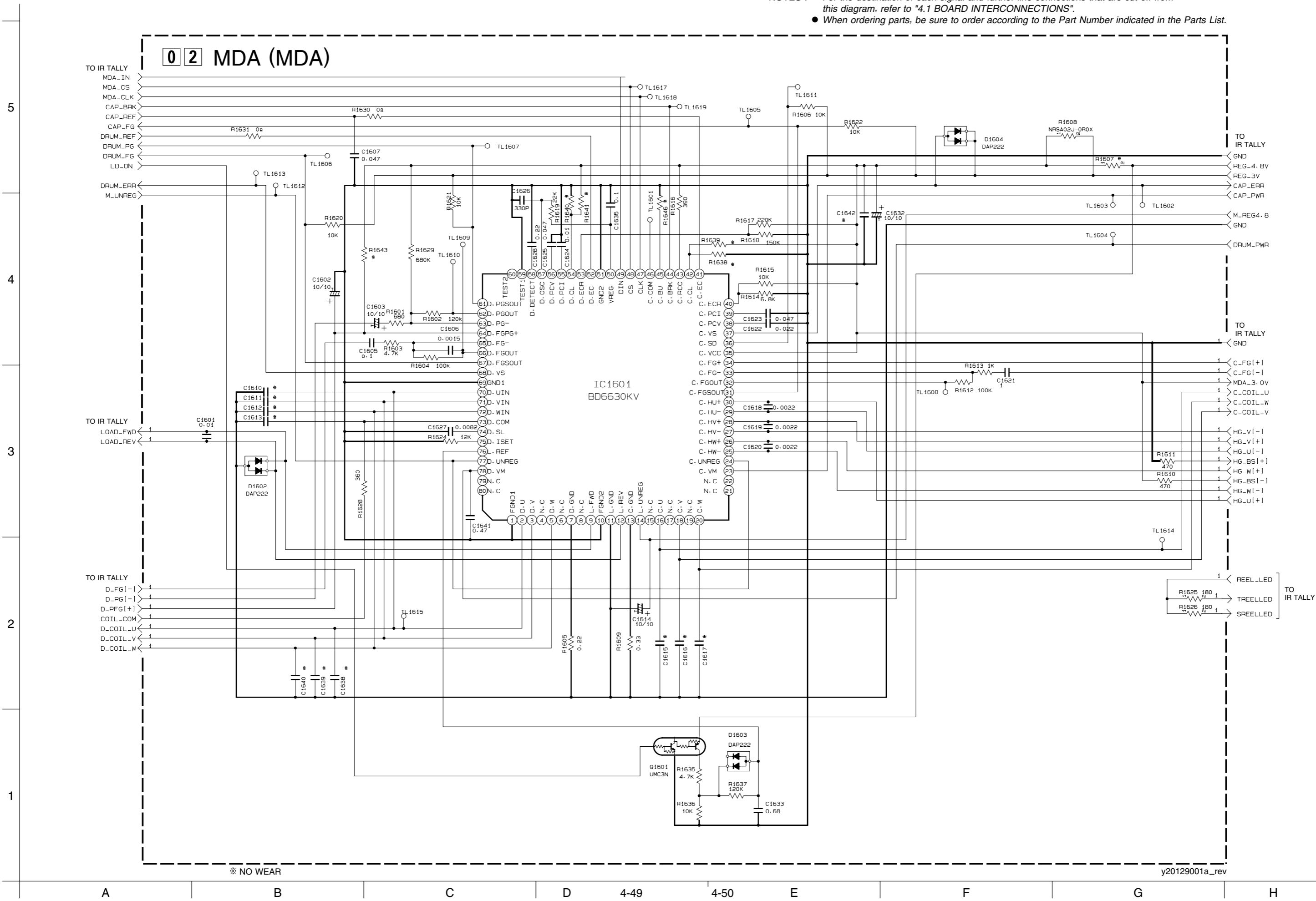
#1 EXCHANGE PARTS LIST

	GR-DVM55U	GR-DVM75U	
Q5002	※	2SC4081/RS/-X	
R5005	※	4.7K	※ NO WEAR

y40072001a_rev0

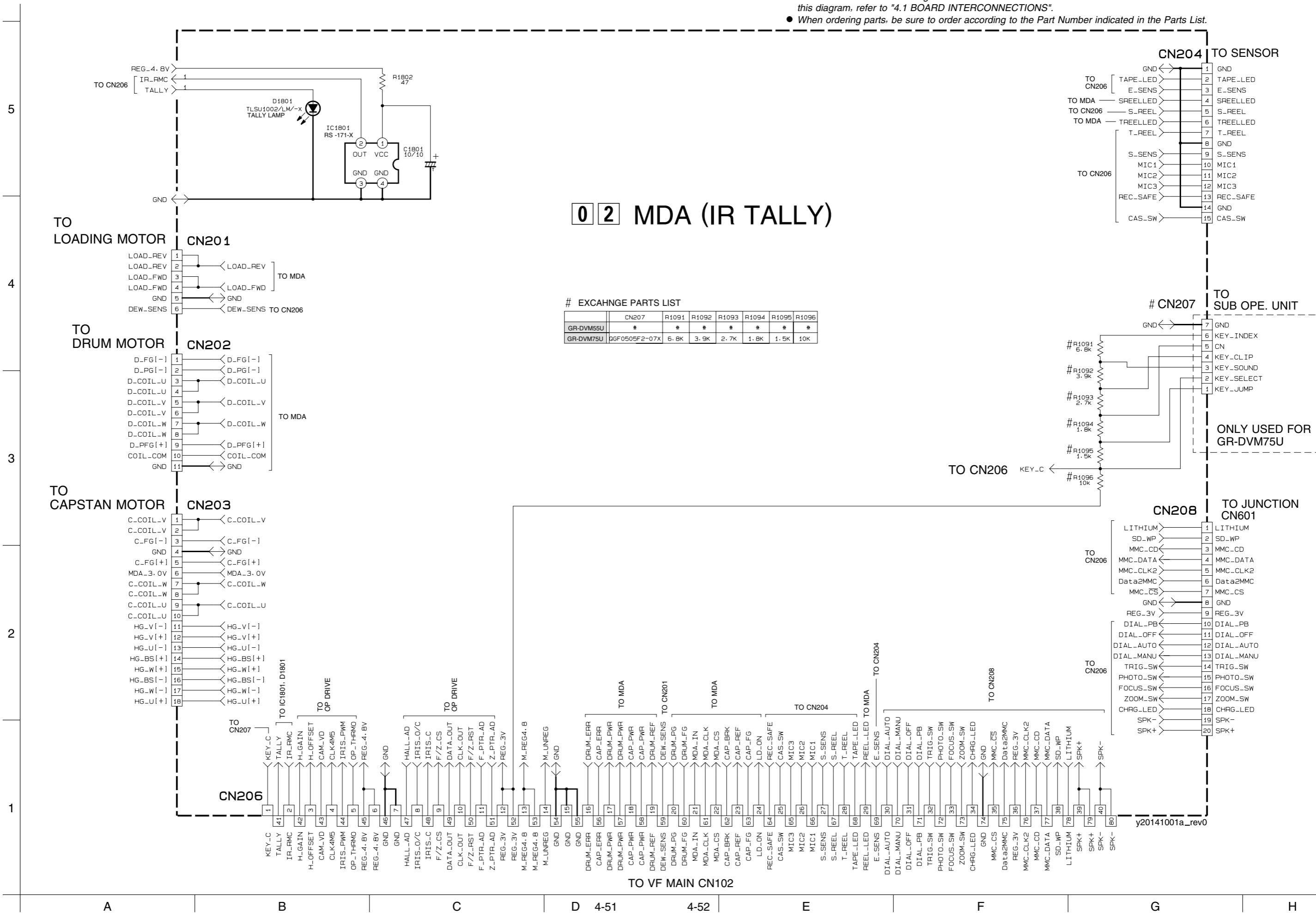
4.25 MDA SCHEMATIC DIAGRAM

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.



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)

EXCAHNGE PARTS LIST

#	EXCAHNGE PARTS LIST	CN207	R1091	R1092	R1093	R1094	R1095	R1096
GR-DVM55U	*	*	*	*	*	*	*	*
GR-DVM75U	9GF0505F2-07X	6.8K	3.9K	2.7K	1.8K	1.5K	10K	

CN207 TO SUB OPE. UNIT

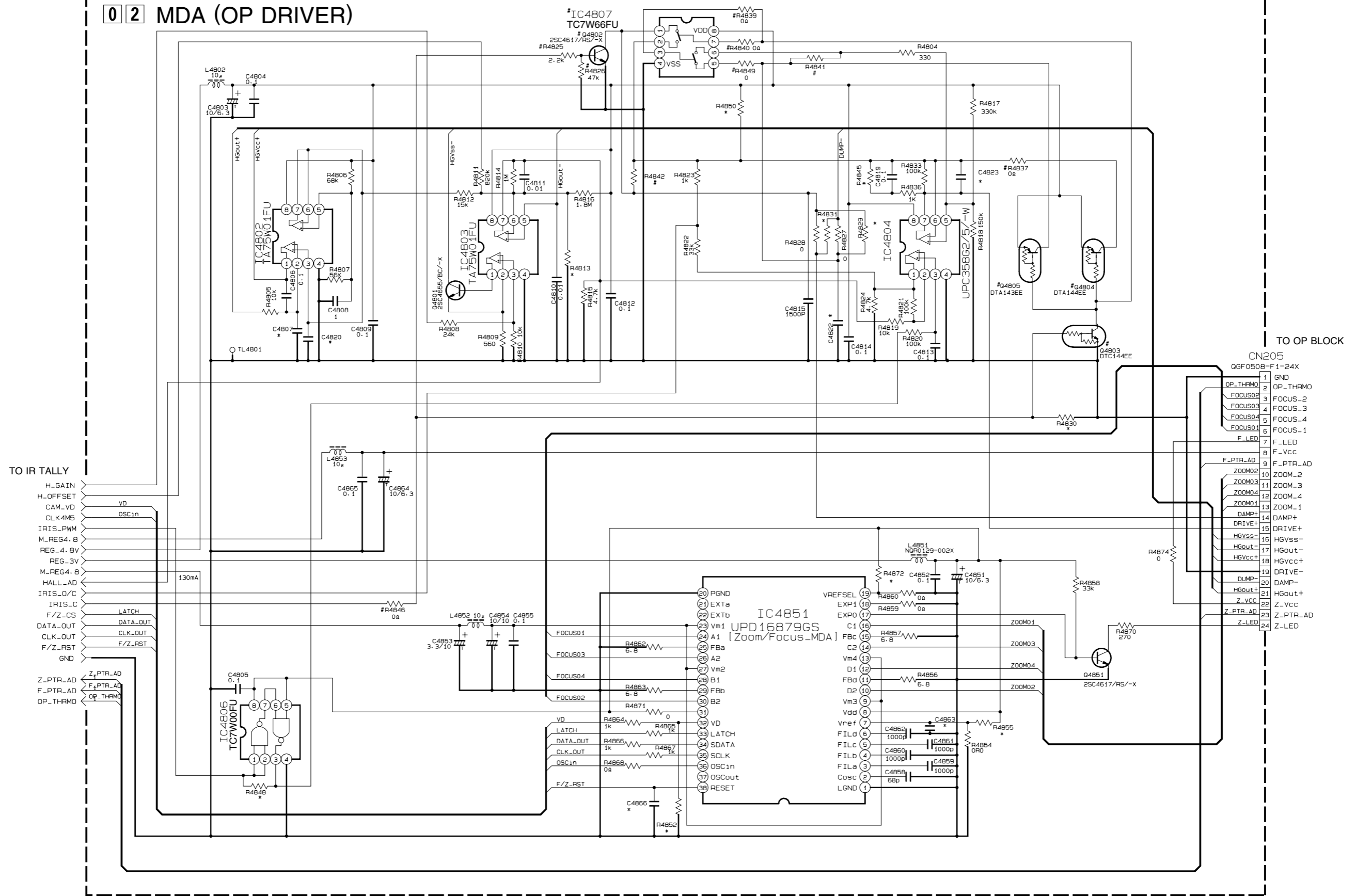
ONLY USED FOR GR-DVM75U

CN208 TO JUNCTION CN601

y20141001a_rev0

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.



* NO WEAR # EXCHANGE PARTS LIST

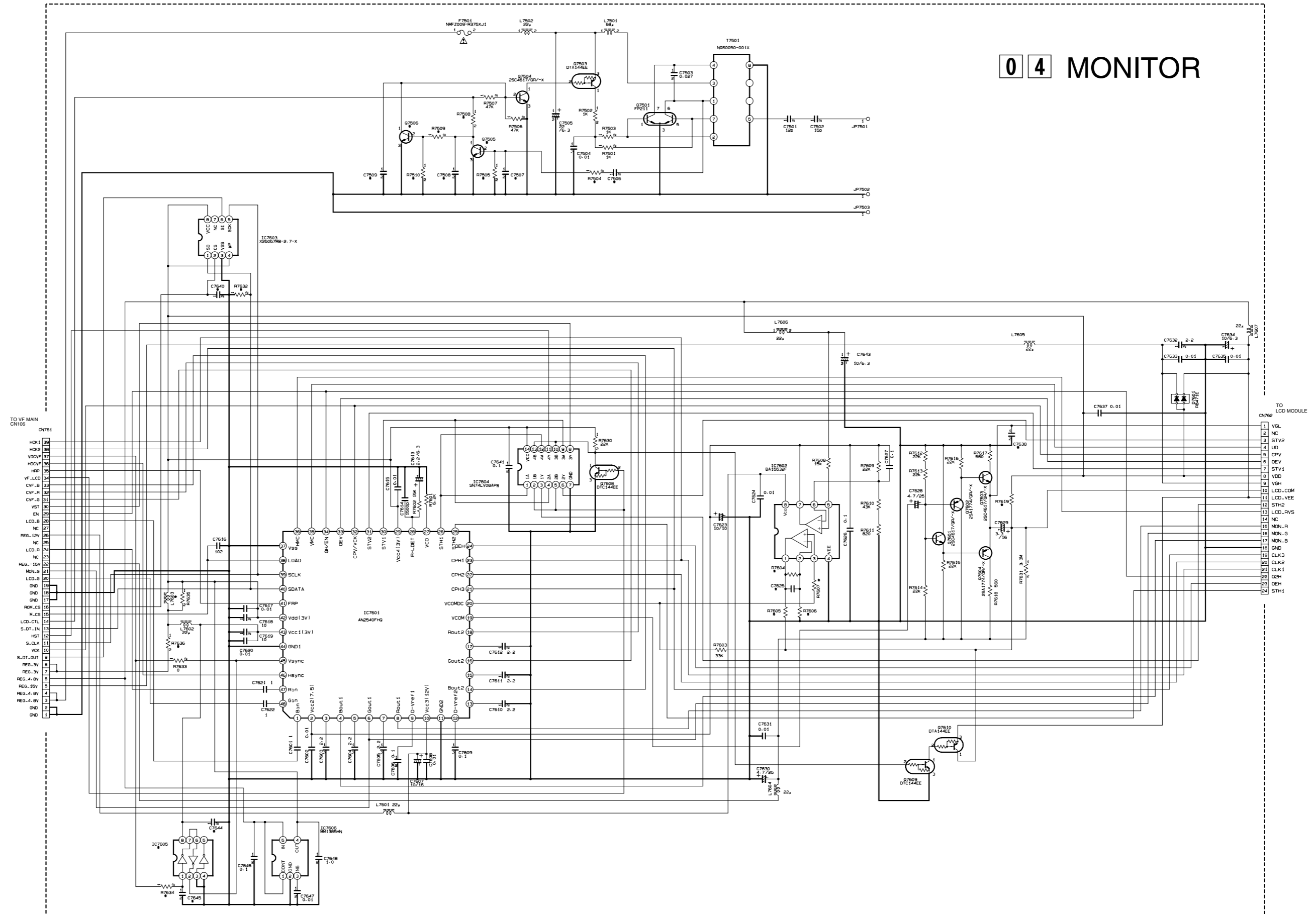
y30132001a_rev0

	IC4807	Q4802	Q4803	Q4804	Q4805	R4825	R4826	R4837,R4839,R4840	R4841,R4842	R4846,R4849
GR-DVM55U	*	*	*	*	*	*	*	*	0	*
GR-DVM75U	TC7W66FU	2SC4617/RS/-X	DTC144EE	DTA144EE	DTA143EE	2.2k	47k	0	*	0

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

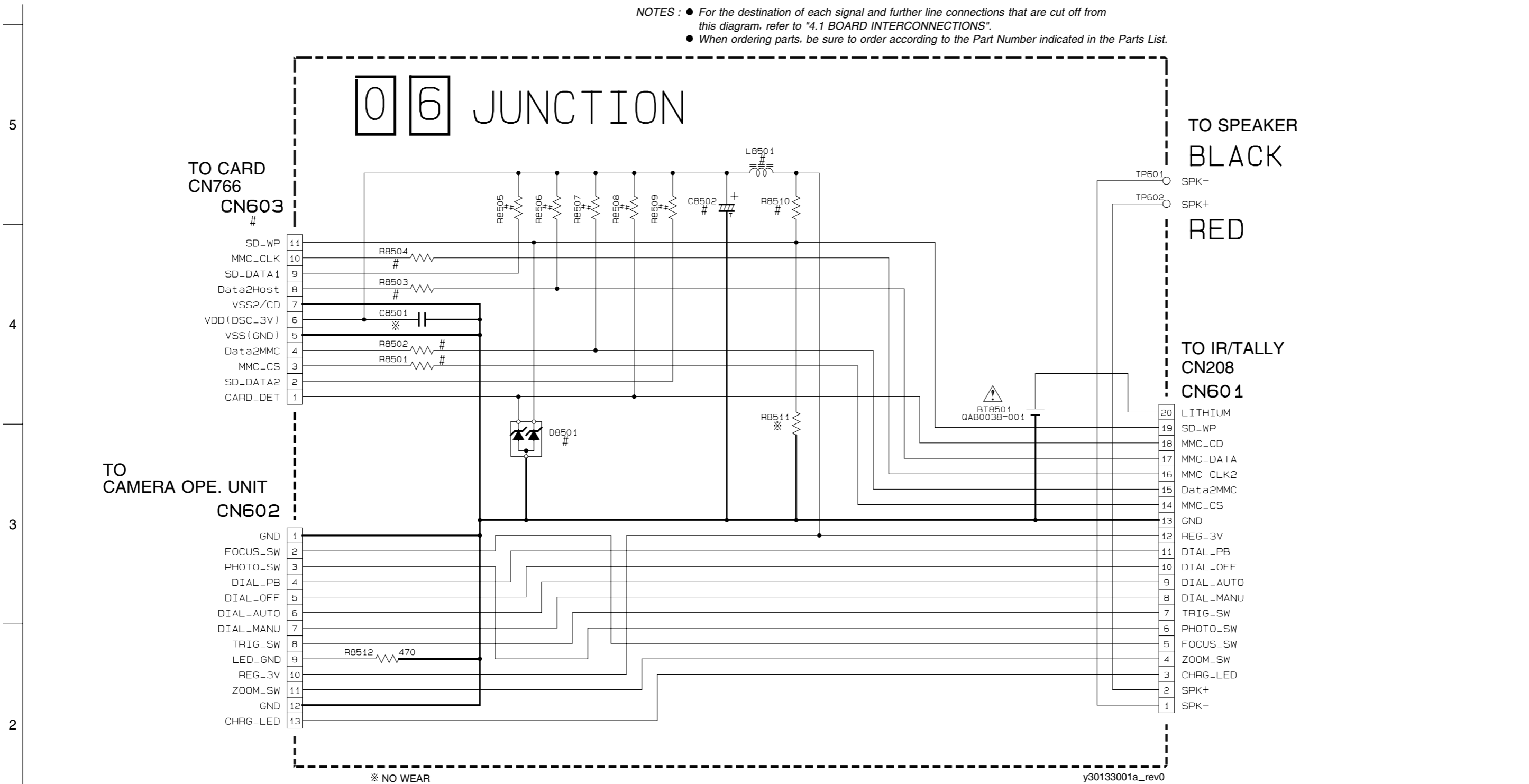


※ NO WEAR

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.

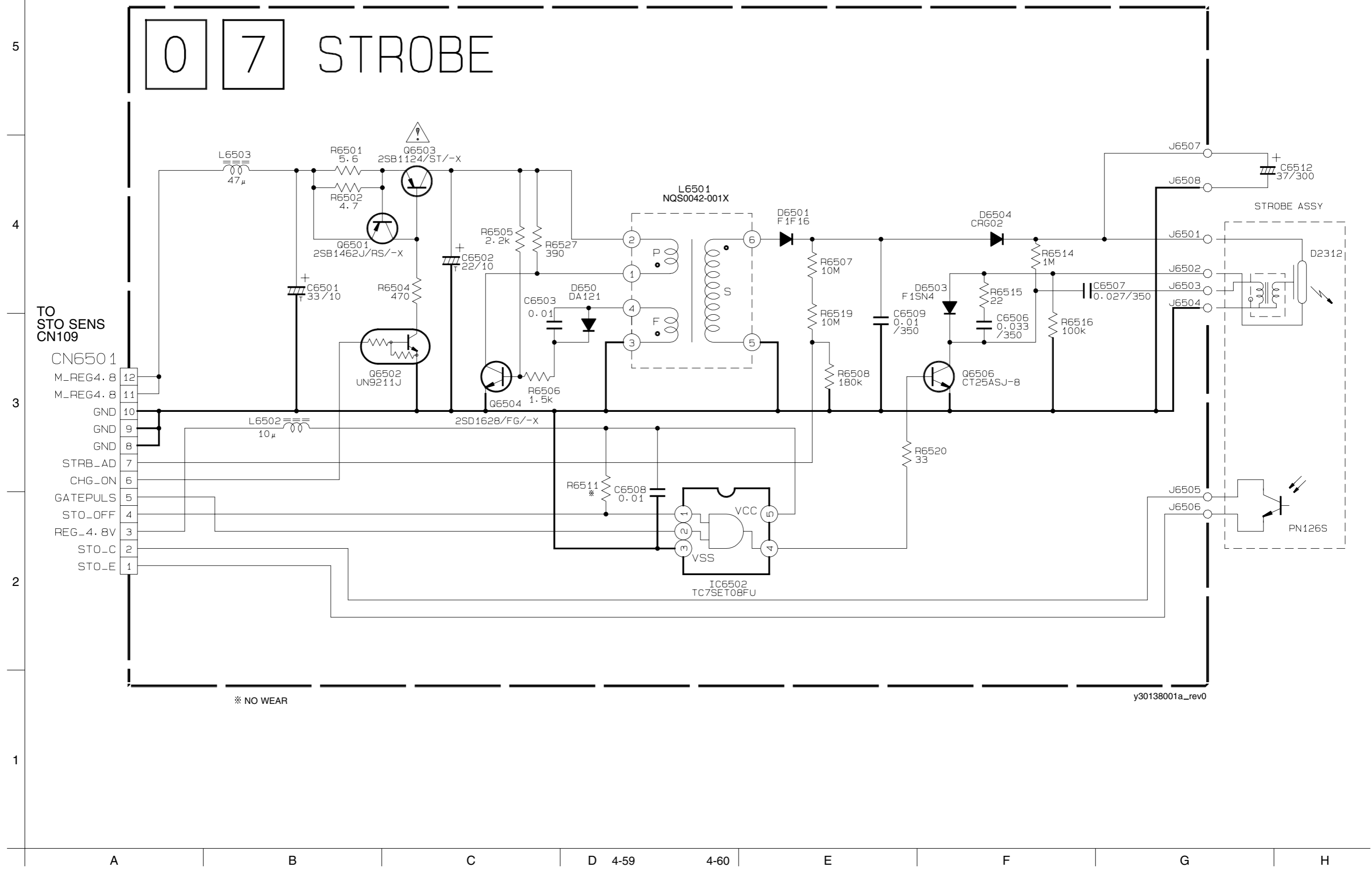


EXCHANGE PARTS LIST

	GR-DVM55U	GR-DVM75U
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	*	GGF0505F 1-11X

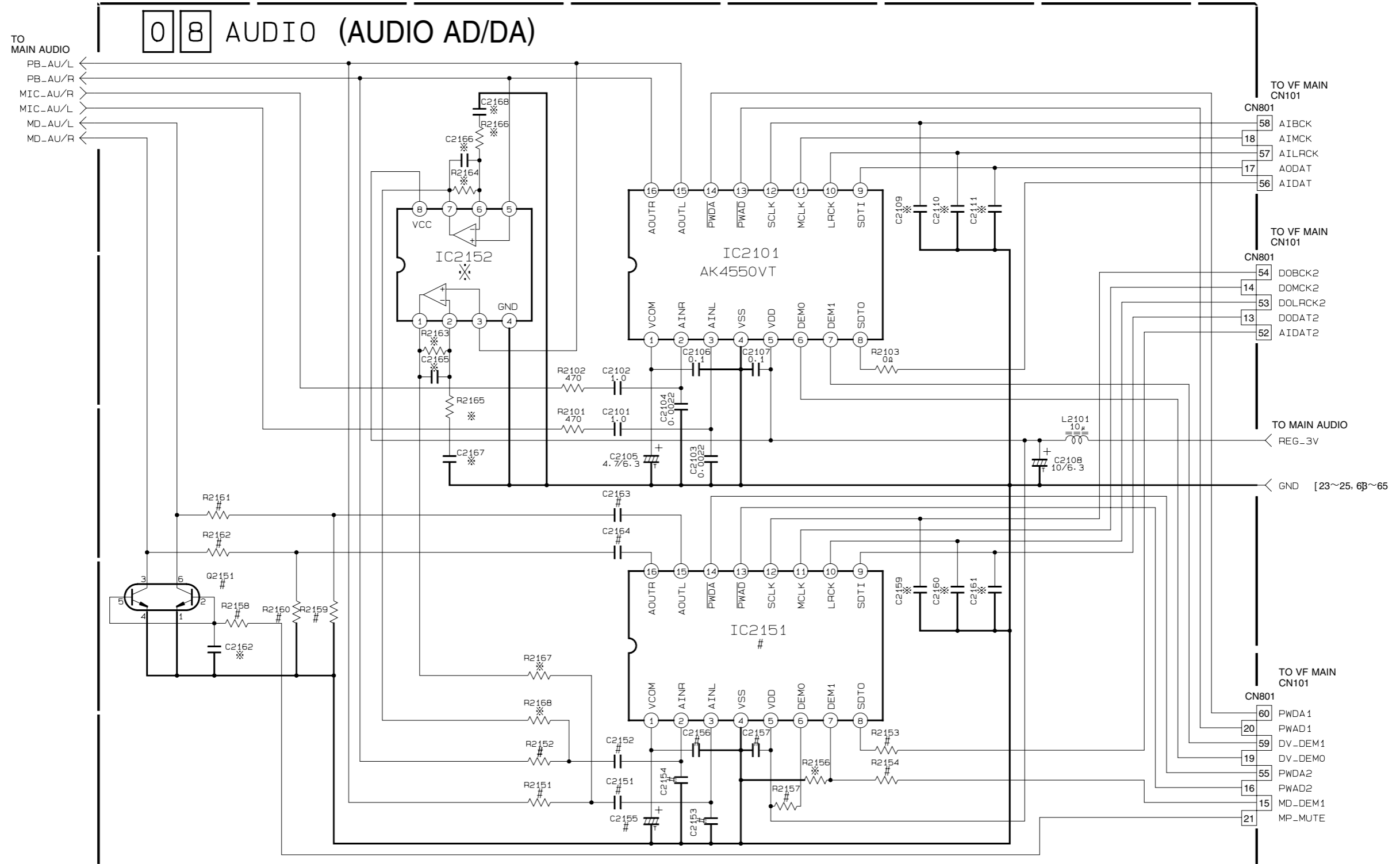
4.30 STROBE SCHEMATIC DIAGRAM [GR-DVM75U]

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.



4.31 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

EXCAHNGE PARTS LIST

	GR-DVM55U	GR-DVM75U	GR-DVM55U	GR-DVM75U
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

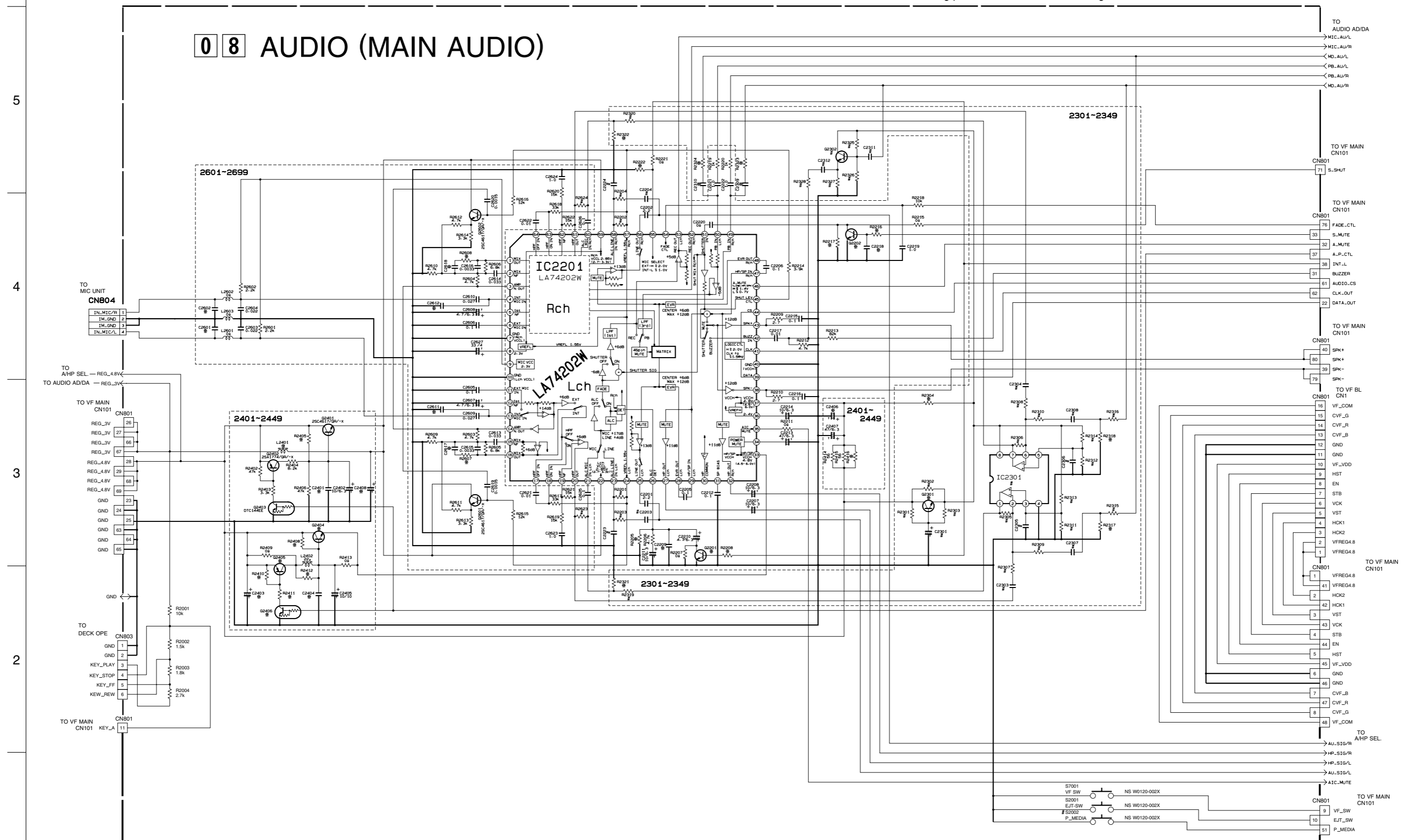
5
4
3
2
1

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)



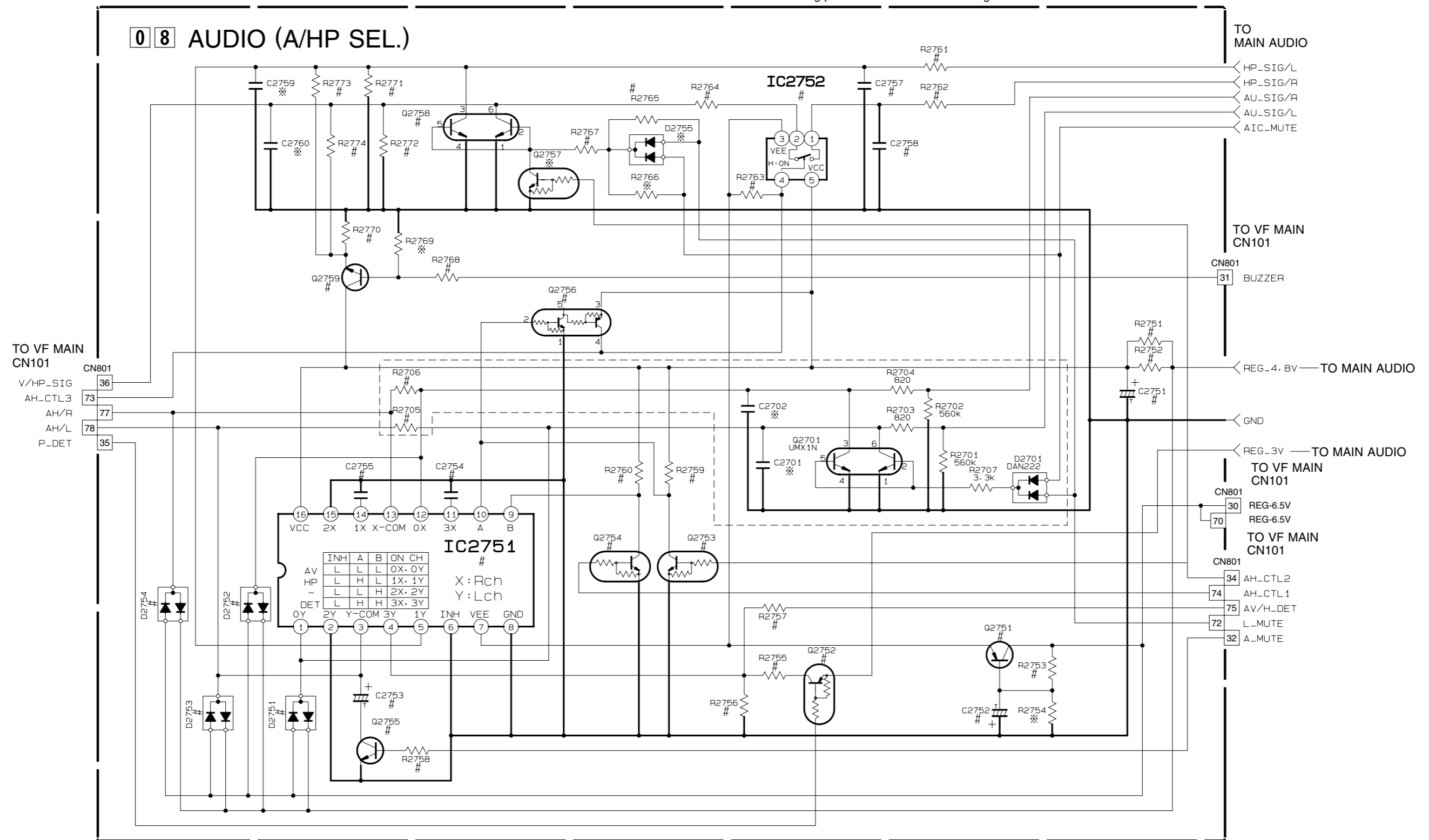
EXCHANGE PARTS LIST

GR-DIMENSION	GR-DIMENSION	SS without ANA. IN	GR-DIMENSION	GR-DIMENSION	SS without ANA. IN
R2051, R2092	10k	●	R2326	●	100k
R2053, R2054	47k	●	R2328	●	100k
C2053, C2054	0.47	●	R2327	●	1k
C2055, C2054	0.1	●	R2328	●	10k
R2301	56	●	R2329, R2334	0.1	●
R2302	56	●	C2307, C2308	●	10/6.3
R2303	0.1	●	C2307, C2304	●	1.0
R2305, R2306	18k	●	C2305, C2306	●	1.0
R2307, R2308	18k	●	C2307, C2308	●	1.0
R2309, R2310	18k	●	C2311	●	0.1
R2311, R2312	47k	●	C2312	●	1.0
R2313, R2314	47k	●	Q2302	●	2SC4817/9M/x
R2315, R2316	0.1	●	IC2301	●	BA4510P
R2319, R2320	0.1	●	S2002	●	NSW0120-002X NEW0120-002X

y10208001a_rev0

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-DVM55U	GR-DVM75U	GR-DVM55U	GR-DVM75U	GR-DVM55U	GR-DVM75U	
R2751	*	82	R2765	*	0 Ω	R2705·R2706	0 Ω
R2752	*	82	R2767	*	3.3k	C2757	*
R2753	*	1.8k	R2768	*	10k	C2758	*
R2755	*	2.2k	R2770	*	10k	D2751-D2754	*
R2756	*	560k	R2771	*	10k	Q2751	*
R2757	*	0 Ω	R2772	*	10k	Q2752	*
R2758	*	1k	R2773	*	8.2k	Q2753·Q2754	*
R2759	*	10k	R2774	*	8.2k	Q2755	*
R2760	*	100k	C2751	*	10/6.3	Q2756	*
R2761	*	220	C2752	*	10/10	Q2758	*
R2762	*	10	C2753	*	47/6.3	Q2759	*
R2763	*	100k	C2755	*	1.0	IC2751	*
R2764	*	220	C2754	*	100p	IC2752	*

* NO WEAR

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A

B

C

D 4-65

4-66

E

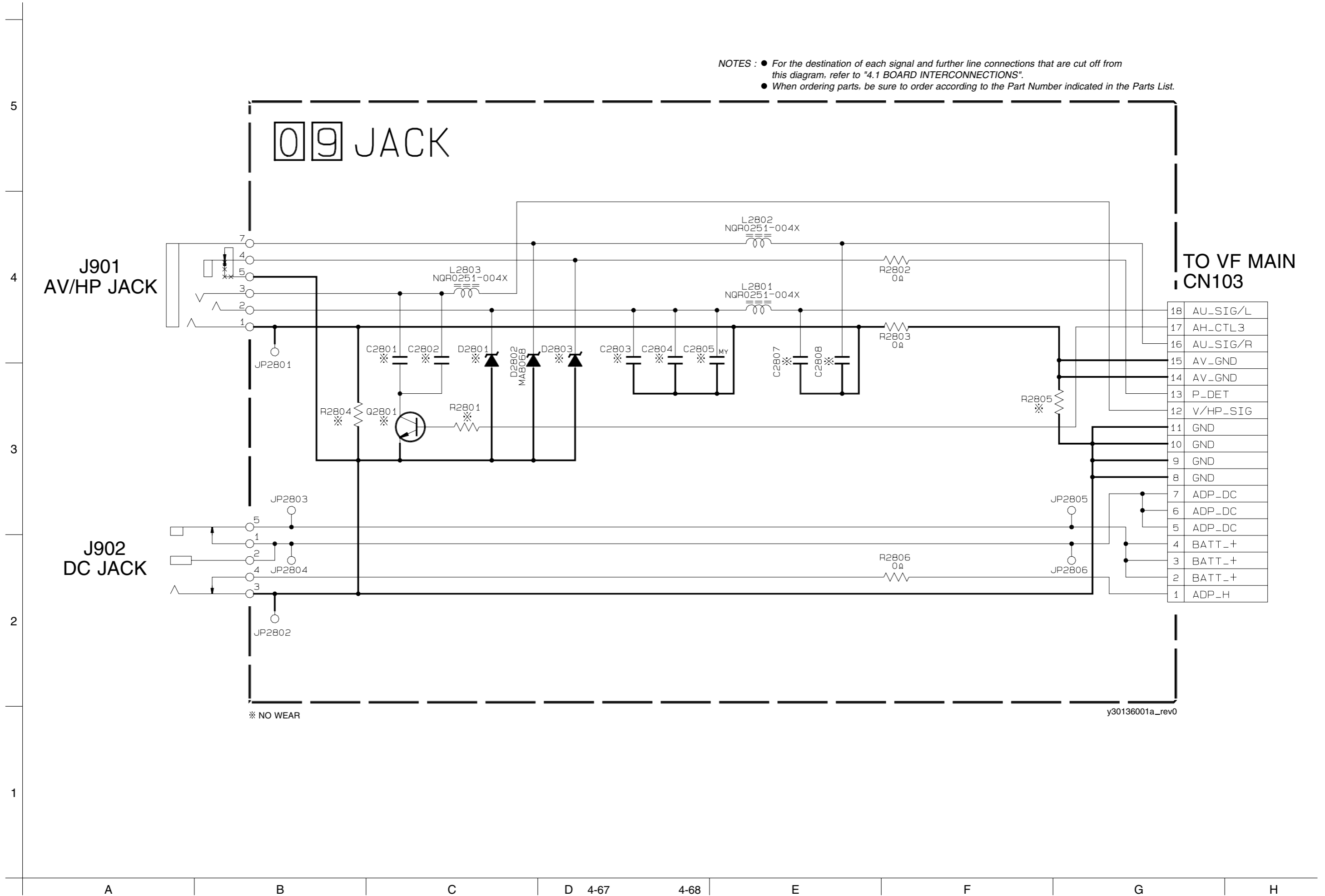
F

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.

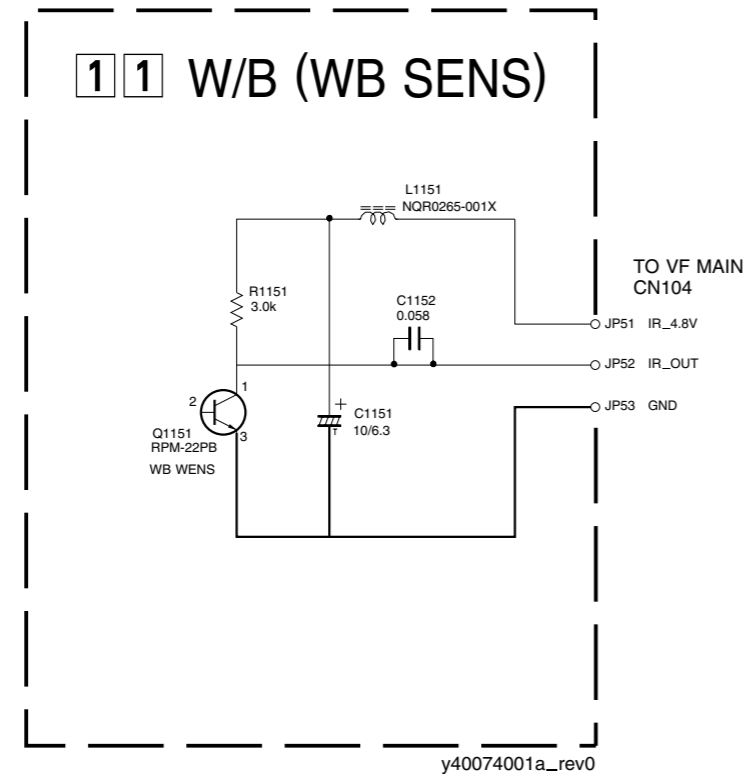


4.35 WB SENS, CAMERA OPE. UNIT, DECK OPE. ASSY AND SUB OPE. UNIT SCHEMATIC DIAGRAMS

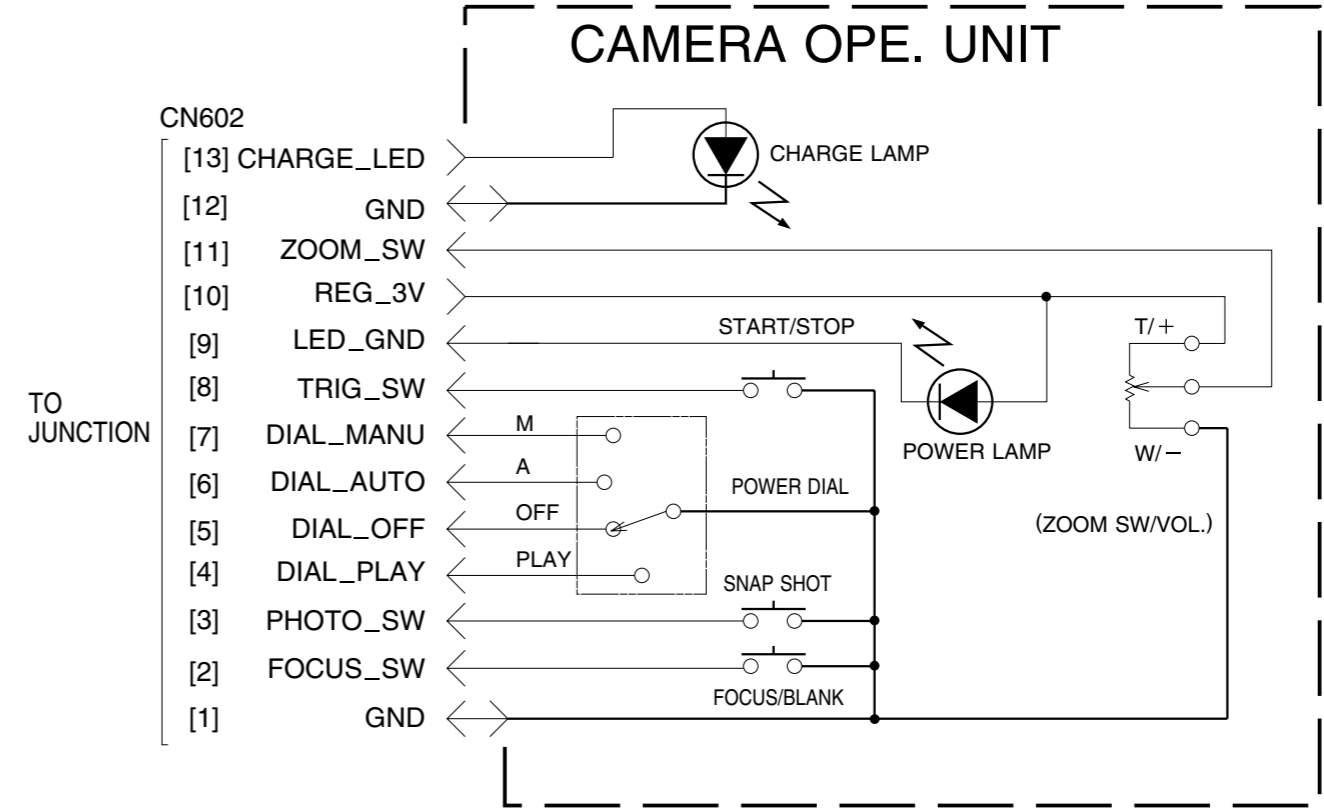
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● The schematic diagram is only for reference. Avoid replacing individual parts. Replace the entire unit only.

—WB SENS—

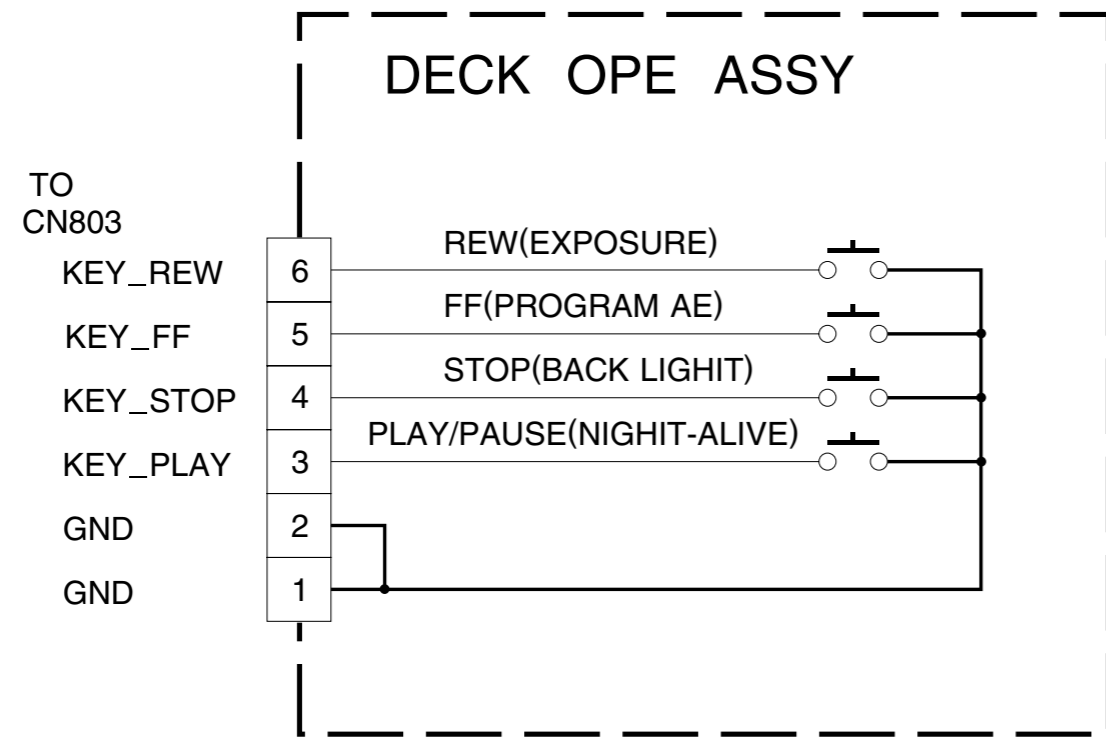
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



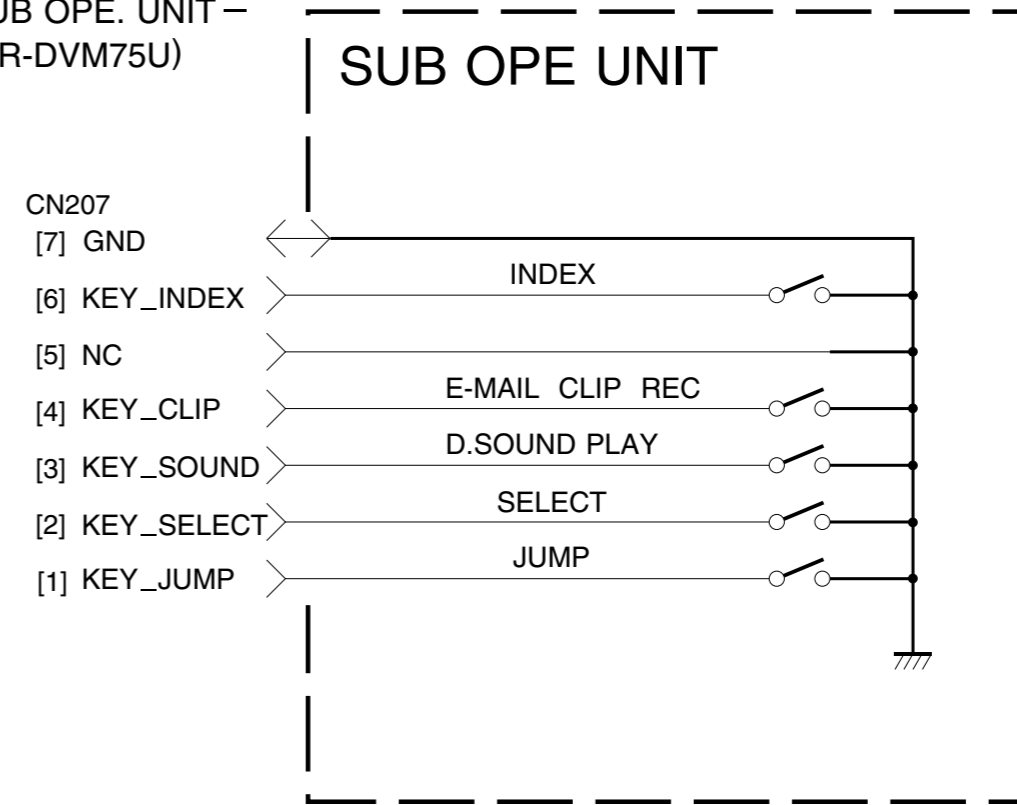
—CAMERA OPE. UNIT—



—DECK OPE ASSY—



—SUB OPE. UNIT—
(GR-DVM75U)

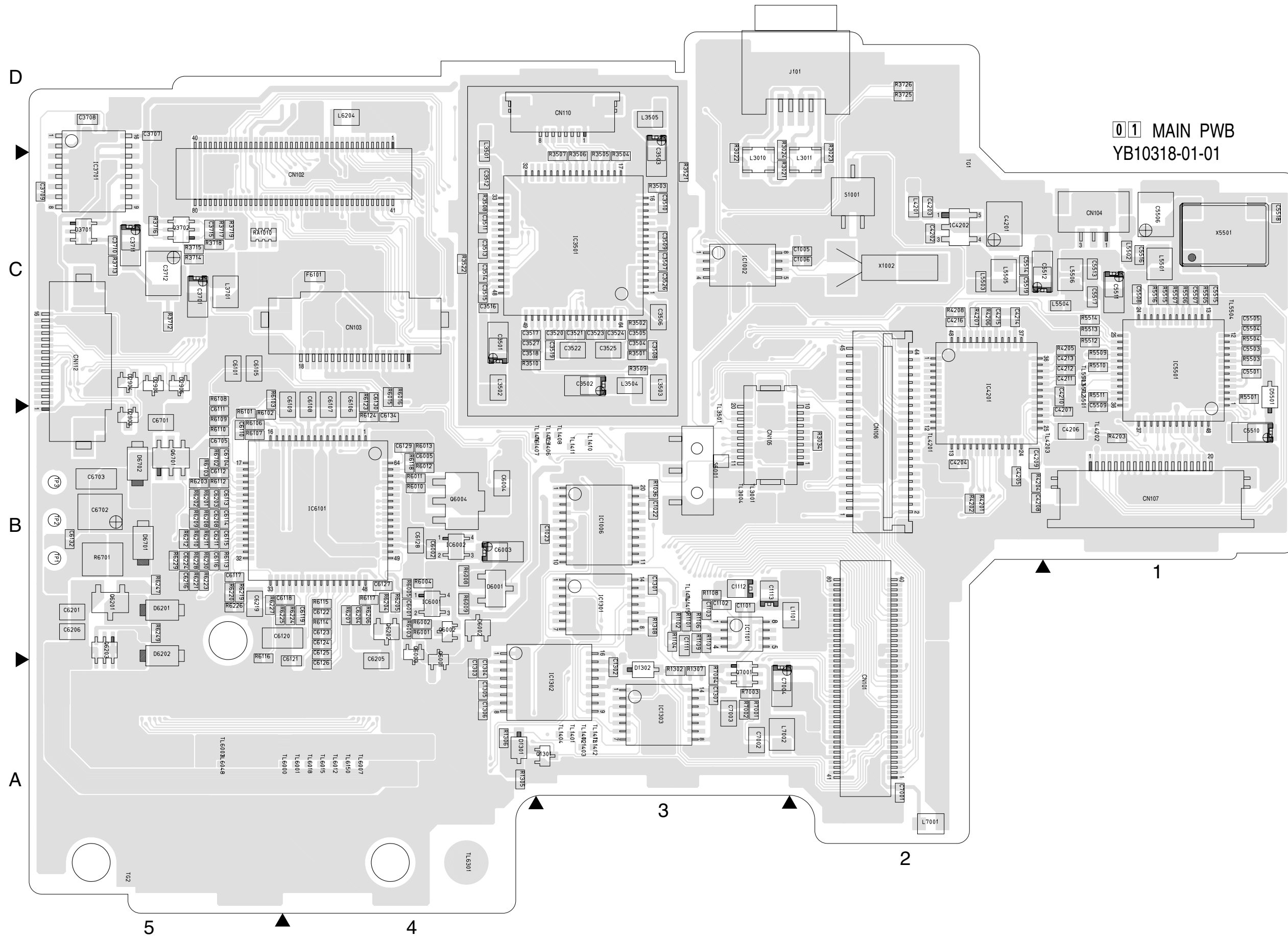


5
4
3
2
1

COMPONENT PARTS LOCATION GUIDE <MAIN> [GR-DVM55U]

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CAPACITOR															
C1001	B C 3C	C3031	B C 5C	C4310	B C 2D	C6130	A C 4C	IC1404	B C 2A	Q6003	A C 4B	R1101	A C 3B		
C1002	B C 3C	C3032	B C 5C	C4311	B C 2C	C6132	A C 5B	IC3001	B C 5C	Q6004	A C 4B	R1102	A C 3B		
C1003	B C 3C	C3033	B C 5C	C4312	B C 2C	C6134	A C 4B	IC3002	B C 5B	Q6201	A C 5B	R1104	A C 3B		
C1004	B C 3B	C3034	B C 5C	C4313	B C 2C	C6201	A C 5B	IC3003	B C 5B	Q6202	A C 4B	R1106	A C 3B		
C1005	A C 2C	C3035	B C 5D	C4314	B C 2C	C6202	A C 5B	IC3004	B C 5C	Q6203	A C 5B	R1107	A C 3B		
C1006	A C 2C	C3036	B C 5C	C4315	B C 2C	C6203	A C 5B	IC3005	B C 4C	Q6204	B C 4B	R1108	A C 3B		
C1007	B C 4D	C3037	B C 5D	C4316	B C 2C	C6204	A C 4B	IC3006	B C 5C	Q6205	B C 4A	R1109	A C 3B		
C1008	B C 4C	C3038	B C 5C	C4317	B C 2C	C6205	A C 4A	IC3501	A C 3C	Q6206	B C 4A	R1302	A C 3A		
C1009	B C 4C	C3039	B C 5B	C4318	B C 2C	C6206	A C 5B	IC3701	A C 5C	Q6208	B C 5A	R1305	A C 4A		
C1010	B C 4C	C3040	B C 4C	C4319	B C 2C	C6207	B C 5A	IC4201	A C 2C	Q6210	B C 5A	R1306	A C 4A		
C1011	B C 4C	C3041	B C 4C	C4320	B C 2C	C6208	A C 5B	IC4202	A C 2C	Q6211	B C 5A	R1307	A C 3A		
C1012	B C 4C	C3042	B C 4C	C4321	B C 2C	C6209	B C 4B	IC4301	B C 2C	Q6212	B C 4A	R1308	A C 3B		
C1013	B C 4C	C3043	B C 4C	C4322	B C 2B	C6210	B C 4A	IC4302	B C 3B	Q6213	B C 4A	R1401	B C 3A		
C1014	B C 4C	C3044	B C 5B	C4323	B C 3C	C6211	A C 5B	IC4304	B C 2C	Q6214	B C 4A	R1402	B C 3A		
C1015	B C 4C	C3045	B C 5B	C4324	B C 3C	C6214	B C 5A	IC5501	A C 1C	Q6215	B C 4A	R1403	B C 3A		
C1016	B C 4C	C3046	B C 5B	C4325	B C 3C	C6215	B C 4B	IC6001	A C 4B	Q6216	B C 4A	R1407	B C 4B		
C1017	B C 4C	C3047	B C 4C	C4326	B C 3C	C6216	A C 5B	IC6002	A C 4B	Q6701	A C 5B	R1408	B C 4A		
C1019	B C 4C	C3051	B C 5B	C4327	B C 3C	C6217	B C 5A	IC6101	A C 4B	Q7001	A C 3A	R1409	B C 2B		
C1020	B C 3C	C3052	B C 5B	C4328	B C 3C	C6218	B C 4B					R1410	B C 2A		
C1021	B C 4C	C3053	B C 5B	C4329	B C 3C	C6219	A C 5B					R1411	B C 2A		
C1022	A C 3B	C3054	B C 5B	C4330	B C 2B	C6220	B C 5A	L1001	B C 3C	R1001	B C 4B	R1412	B C 2A		
C1023	A C 3B	C3055	B C 5B	C4331	B C 2B	C6221	B C 5A	L1002	B C 3B	R1002	B C 4C	R1413	B C 2A		
C1024	B C 4C	C3057	B C 5B	C4332	B C 3B	C6222	B C 5A	L1101	A C 2B	R1003	B C 3C	R1414	B C 3B		
C1025	B C 4C	C3058	B C 5B	C4333	B C 2B	C6223	B C 4B	L1401	B C 2A	R1004	B C 4D	R1415	B C 3B		
C1026	B C 4C	C3060	B C 5C	C4334	B C 3B	C6224	A C 5B	L1402	B C 3B	R1005	B C 4D	R1416	B C 3B		
C1027	B C 4C	C3061	B C 5D	C4335	B C 2C	C6225	B C 5A	L3001	B C 5D	R1006	B C 3C	R1417	B C 3A		
C1028	B C 4D	C3062	B C 5D	C4336	B C 2C	C6226	B C 4A	L3002	B C 4B	R1007	B C 4C	R1418	B C 3B		
C1029	B C 4D	C3063	B C 5D	C4337	B C 2C	C6227	B C 4A	L3003	B C 4B	R1009	B C 3C	R1419	B C 3B		
C1030	B C 4D	C3501	A C 4C	C4338	B C 3C	C6228	B C 4B	L3004	B C 5B	R1010	B C 4C	R1420	B C 2A		
C1031	B C 3C	C3502	A C 3C	C4339	B C 2C	C6229	B C 4B	L3005	B C 5B	R1011	B C 3C	R1422	B C 3A		
C1032	B C 3D	C3503	A C 3C	C4340	B C 2B	C6230	B C 4A	L3006	B C 4C	R1012	B C 4C	R1423	B C 3A		
C1033	B C 3C	C3504	A C 3C	C4341	B C 2B	C6701	A C 5B	L3007	B C 5C	R1013	B C 4C	R1424	B C 3A		
C1034	B C 3C	C3505	A C 3C	C4342	B C 2B	C6702	A C 5B	L3008	B C 5C	R1015	B C 4C	R1425	B C 3A		
C1035	B C 3C	C3506	A C 3C	C4343	B C 2C	C6703	A C 5B	L3009	B C 5D	R1017	B C 3D	R1426	B C 3A		
C1036	B C 4C	C3507	A C 3C	C4344	B C 2C	C6704	A C 5B	L3010	A C 3C	R1018	B C 3D	R1427	B C 3A		
C1037	B C 4C	C3508	A C 3C	C4345	B C 3C	C6705	A C 5B	L3011	A C 2C	R1019	B C 4C	R1428	B C 3A		
C1038	B C 4C	C3509	A C 3C	C4346	B C 3C	C7001	A C 2A	L3012	B C 5B	R1020	B C 4C	R1429	B C 3A		
C1039	B C 4C	C3510	A C 3C	C4347	B C 3C	C7002	A C 3A	L3013	B C 5D	R1021	B C 4C	R1430	B C 3A		
C1040	B C 3C	C3511	A C 4C	C4348	B C 3C	C7003	A C 3A	L3501	A C 4D	R1022	B C 3D	R1432	B C 2A		
C1101	A C 3B	C3512	A C 4C	C4349	B C 2C	C7004	A C 3A	L3502	A C 4C	R1023	B C 3C	R1433	B C 2A		
C1102	A C 3B	C3513	A C 4C	C4350	B C 2C			L3503	A C 3C	R1024	B C 3B	R1434	B C 2A		
C1103	A C 3B	C3514	A C 4C	C5501	A C 1C	CONNECTOR		L3504	A C 3C	R1025	B C 3B	R1435	B C 2A		
C1111	A C 3B	C3515	A C 4C	C5503	A C 1C	CN101	A C 2A	L3505	A C 3D	R1026	B C 3C	R1436	B C 2A		
C1112	A C 3B	C3516	A C 4C	C5504	A C 1C	CN102	A C 4D	L3701	A C 5C	R1027	B C 3B	R1437	B C 4B		
C1113	A C 3B	C3517	A C 4C	C5505	A C 1C	CN103	A C 4C	L4201	A C 2C	R1028	B C 3B	R1439	B C 3B		
C1301	A C 3B	C3518	A C 4C	C5506	A C 1C	CN104	A C 1C	L4301	B C 3B	R1029	B C 4C	R1440	B C 3B		
C1302	A C 3A	C3519	A C 3C	C5507	A C 1C	CN105	A C 2B	L4302	B C 2C	R1030	B C 4D	R1441	B C 3B		
C1303	A C 4A	C3520	A C 3C	C5508	A C 1C	CN106	A C 2B	L4303	B C 2C	R1031	B C 3C	R1442	B C 3B		
C1304	A C 4A	C3521	A C 3C	C5509	A C 1B	CN107	A C 1B	L4304	B C 2B	R1032	B C 3C	R1443	B C 3B		
C1305	A C 4A	C3522	A C 3C	C5510	A C 1B	CN110	A C 3D	L4305	B C 2B	R1033	B C 4C	R1444	B C 3B		
C1306	A C 4A	C3523	A C 3C	C5511	A C 1C	CN111	B C 2B	L4306	B C 2C	R1034	B C 4C	R1445	B C 3B		
C1307	A C 3A	C3524	A C 3C	C5512	A C 2C	CN112	A C 5B	L4307	B C 3C	R1035	B C 3C	R3002	B C 5C		
C1401	B C 2A	C3525	A C 3C	C5513	A C 1C			L5501	A C 1C	R1036	A C 3B	R3004	B C 5C		
C1402	B C 2A	C3526	A C 3C	C5514	A C 2C	D1001	B C 3C	L5502	A C 1C	R1037	B C 4C	R3007	B C 5C		
C1405	B C 4B	C3527	A C 4C	C5515	A C 1C	D1301	A C 4A	L5503	A C 2C	R1038	B C 4C	R3008	B C 5C		
C1406	B C 4A	C3701	A C 5C	C5516	A C 1C	D1302	A C 4A	L5504	A C 1C	R1039	B C 4B	R3009	B C 5D		
C1408	B C 3A	C3702	B C 2C	C5517	A C 1C	D2901	A C 5C	L5505	A C 2C	R1040	B C 3C	R3010	B C 5D		
C1409	B C 3B	C3703	B C 2C	C5518	A C 1C	D2903	A C 5B	L5506	A C 1C	R1041	B C 4C	R3011	B C 5C		
C1410	B C 3B	C3704	B C 2C	C5519	A C 2C	D2904	A C 5C	L6101	B C 5A	R1042	B C 4C	R3013	B C 5B		
C1411	B C 3B	C3705	B C 2C	C6001	A C 4B	D2905	A C 5C	L6102	B C 5A	R1043	B C 4C	R3014	B C 5B		
C1412	B C 3B	C3706	B C 2C	C6002	A C 4B	D3001	B C 5C	L6201	B C 5B	R1044	B C 4D	R3015	B C 5B		
C1413	B C 3A	C3707	A C 5D	C6003	A C 4B	D3002	B C 5C	L6202	B C 5A	R1045	B C 4D	R3016	B C 5B		
C1414	B C 3A	C3708	A C 5D	C6004	A C 4B	D3003	B C 5D	L6203	B C 4A	R1046	B C 4D	R3017	B C 5B		
C1415	B C 3A	C3709	A C 5C	C6005	A C 4B	D3701	A C 5C	L6204	A C 4D	R1047	B C 4D	R3018	B C 5B		
C1416	B C 3A	C3710	A C 5C	C6101	A C 5C	D5501	A C 1C	L6206	B C 4B	R1048	B C 4D	R3019	B C 5B		
C1417	B C 3B	C3711	A C 5C	C6102	B C 5A	D6001	A C 4B	L6207	B C 4A	R1049	B C 4D	R3020	B C 5B		
C1418	B C 3B	C3712	A C 5C	C6103	B C 5A	D6002	A C 4B	L6208	B C 5A	R1050	B C 4D	R3021	A C 3C		
C1419	B C 3B	C3715	A C 5C	C6105	A C 5C	D6201	A C 5B	L6209	B C 5A	R1051	B C 3C	R3022	A C 3C		
C1420	B C 3B	C4201	A C 2C	C6106	A C 4C	D6202	A C 5B	L6210	B C 4A	R1052	B C 3C	R3023	A C 2C		
C3001	B C 4D	C4202	A C 2C	C6107	A C 4C	D6203	B C 4B	L6701	B C 5B	R1053	B C 3C	R3024	A C 4B		
C3003	B C 4B	C4203	A C 2C	C6108	A C 4C	D6204	B C 4B	L7001	A C 2A	R1054	B C 3C	R3026	B C 4B		
C3004	B C 4B	C4204	A C 2B	C6109	A C 4C	D6205	B C 4A	L7002	A C 3A	R1055	B C 3C	R3027	B C 5C		
C3005	B C 5B	C4205	A C 2B	C6110	A C 5B	D6206	B C 5A					R3028	B C 5C		
C3007	B C 4B	C4206	A C 1B	C6111	A C 5B	D6207	B C 4A					R3029	B C 5C		
C3008	B C 4C	C4207	A C 1B	C6112	A C 5B	D6701	A C 5B	Q1001	B C 3C	R1057	B C 3C	R3030	B C 5C		
C3011	B C 5C	C4208	A C 2B	C6113	A C 5B	D6702	A C 5B	Q1002	B C 4C	R1058	B C 3C	R3031	B C 5C		
C3012	B C 5C	C4209	A C 2B	C6114	A C 5B			Q1003	B C 3C	R1059	B C 3C	R3032	B C 5C		
C3013	B C 5C	C4210	A C 1C	C6115	A C 5B			Q1004	B C 3C	R1060	B C 4C				

COMPONENT SIDE(A)



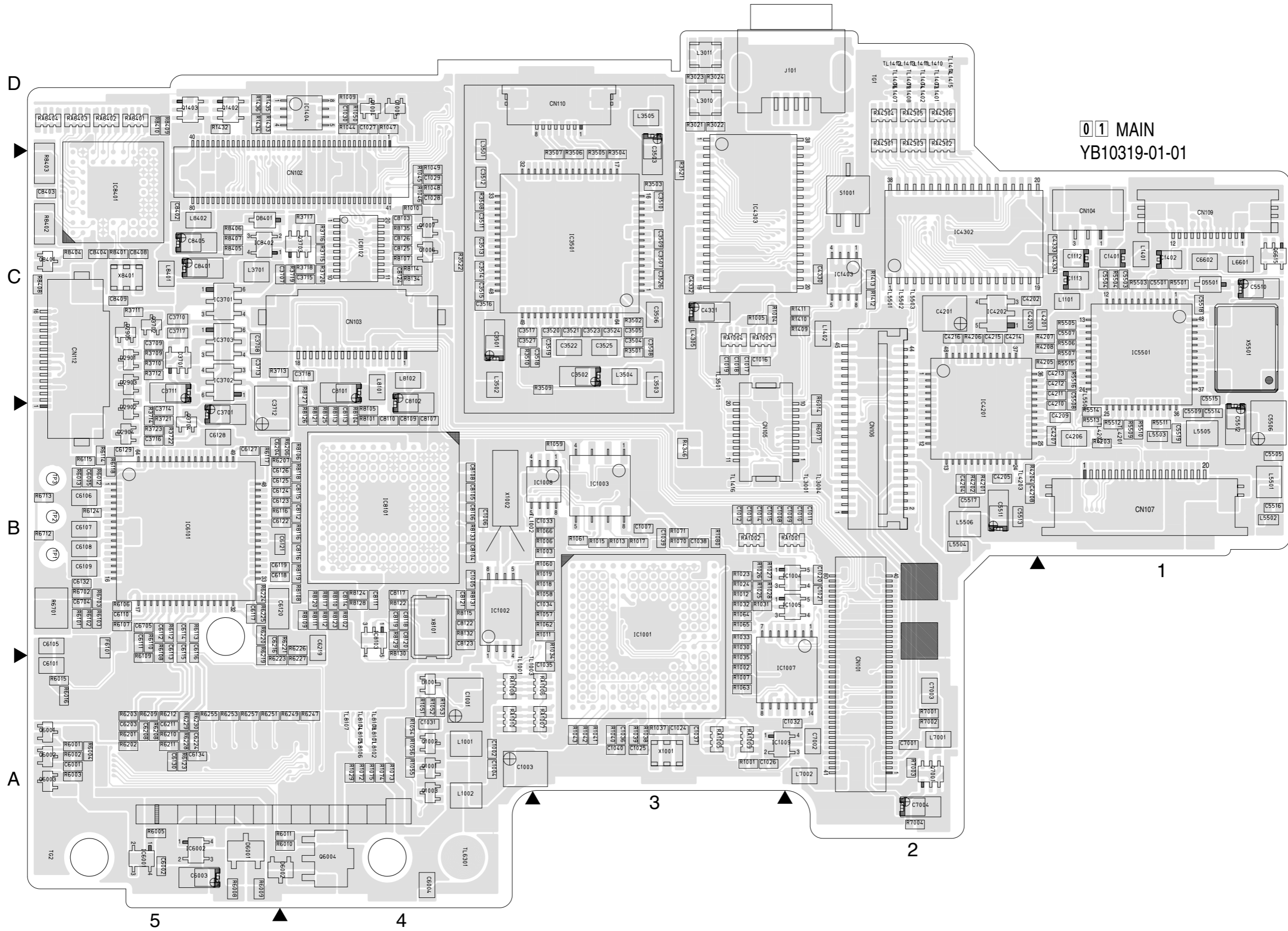
01 MAIN PWB
YB10318-01-01

COMPONENT PARTS LOCATION GUIDE < MAIN > [GR-DVM75U]

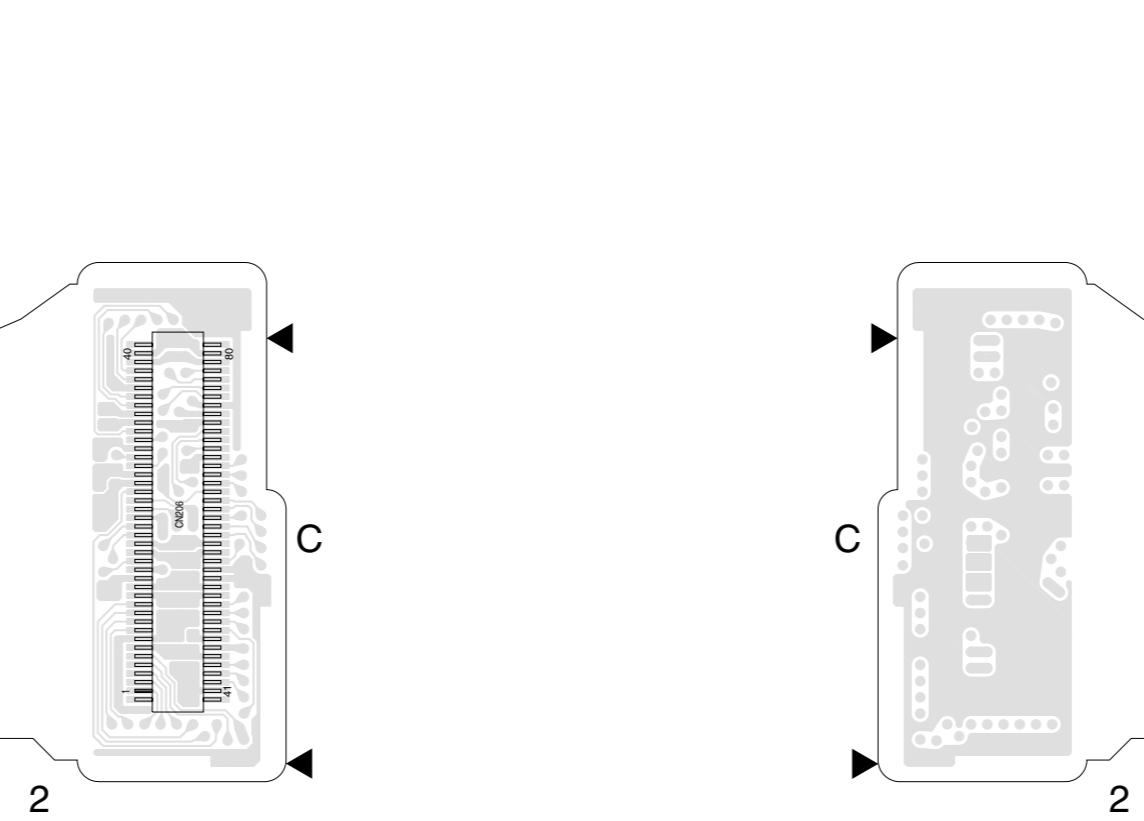
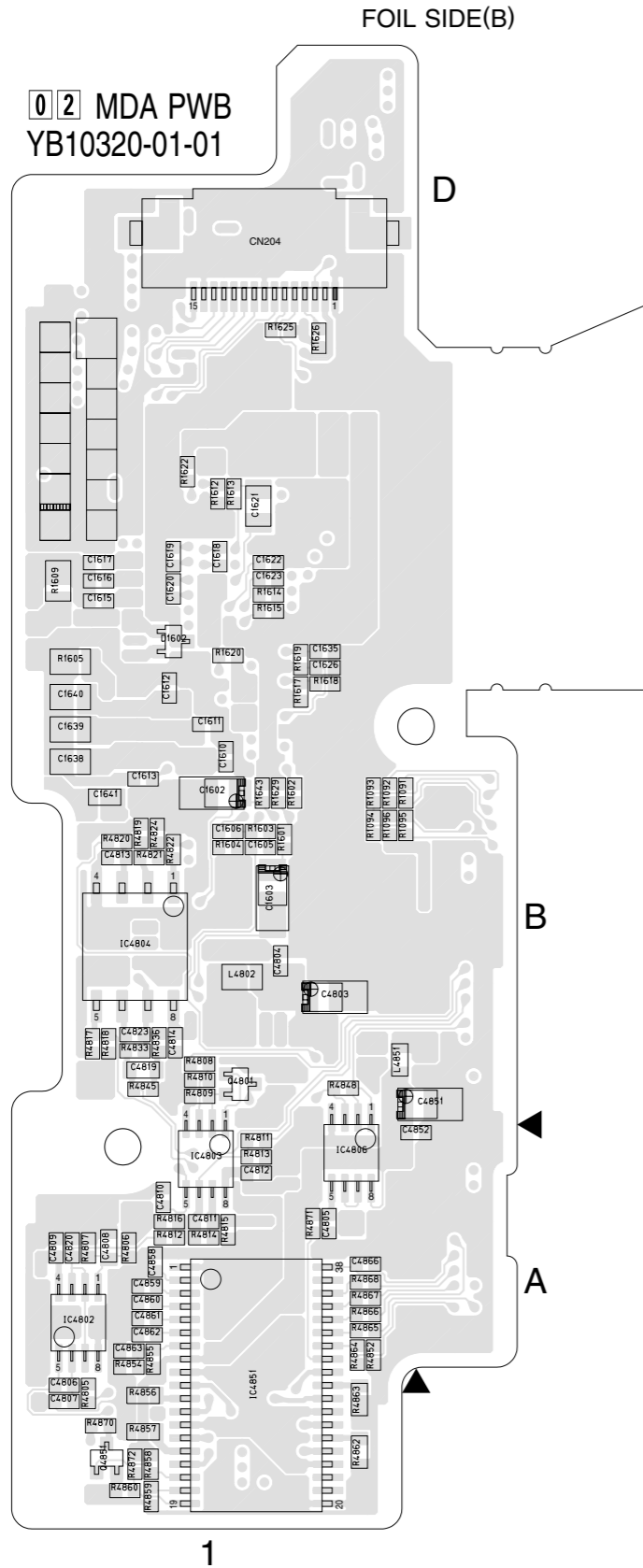
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CAPACITOR																	
C1001	A C 4A	C3035	B C 2A	C3955	B C 4B	C5515	A C 1C	C8007	B C 5B	CN106	A C 2B	COIL				Q3704	A C 5B
C1002	A C 4A	C3036	B C 2B	C3956	B C 4C	C5516	A C 1B	C8008	B C 5C	CN107	A C 1B	L1001	A C 4A	Q3951	B C 4B		
C1003	A C 4A	C3037	B C 2B	C3957	B C 4C	C5517	A C 2B	C8009	B C 5C	CN109	A C 1C	L1002	A C 4A	Q3952	B C 4B		
C1004	A C 4A	C3038	B C 2B	C3958	B C 4C	C5518	A C 1C	C8010	B C 5C	CN110	A C 3D	L1101	A C 1C	Q3953	B C 3C		
C1005	A C 4B	C3039	B C 2A	C3959	B C 4C	C5519	A C 1B	C8011	B C 5C	CN111	B C 2B	L1102	A C 1C	Q3954	B C 3B		
C1006	A C 4B	C3040	B C 2A	C3961	B C 4C	C6001	A C 5A	C8012	B C 4D	CN112	A C 5B	L1402	A C 2C	Q4301	B C 2C		
C1007	A C 3B	C3041	B C 3A	C3962	B C 4C	C6002	A C 5A	C8013	B C 4D	DIODE				Q4302	B C 2C		
C1008	A C 3B	C3042	B C 3A	C3963	B C 4C	C6003	A C 5A	C8014	B C 4B	D1001	A C 4A	L3001	B C 2A	Q4303	B C 2C		
C1009	A C 2B	C3043	B C 3A	C3964	B C 4C	C6004	A C 4A	C8015	B C 3D	D1301	B C 1B	L3002	B C 2A	Q6001	A C 5A		
C1010	A C 2B	C3044	B C 2A	C3965	B C 3C	C6005	A C 5B	C8017	B C 4C	D2901	A C 5C	L3003	B C 3A	Q6002	A C 5A		
C1011	A C 2B	C3045	B C 3B	C3966	B C 3C	C6101	A C 5A	C8020	B C 5B	D2902	A C 5C	L3004	B C 2A	Q6003	A C 5A		
C1012	A C 3B	C3046	B C 3B	C3967	B C 3C	C6102	B C 5A	C8021	B C 5B	D2903	A C 5C	L3005	B C 2B	Q6004	A C 4A		
C1013	A C 3B	C3051	B C 2B	C3968	B C 3C	C6103	B C 5A	C8022	B C 5B	D2904	A C 5C	L3006	B C 2A	Q6201	B C 4A		
C1014	A C 3B	C3052	B C 3B	C4201	A C 2C	C6105	A C 5B	C8023	B C 5B	D2905	A C 5C	L3007	B C 2A	Q6202	B C 3A		
C1015	A C 3B	C3053	B C 3B	C4202	A C 2C	C6106	A C 5B	C8024	B C 5B	D2906	A C 5C	L3008	B C 2A	Q6203	B C 4A		
C1016	A C 3C	C3054	B C 3B	C4203	A C 2C	C6107	A C 5B	C8025	B C 5B	D2907	A C 5C	L3009	B C 2A	Q6204	B C 5A		
C1017	A C 3C	C3056	B C 3B	C4204	A C 2B	C6108	A C 5B	C8026	B C 5B	D3001	B C 2B	L3010	A C 3D	Q6205	B C 4A		
C1018	A C 3C	C3057	B C 3B	C4205	A C 2B	C6109	A C 5B	C8027	B C 4B	D3002	B C 2A	L3011	A C 3D	Q6206	B C 4B		
C1019	A C 3C	C3058	B C 3B	C4206	A C 1B	C6110	A C 5B	C8028	B C 4B	D3003	B C 2A	L3012	B C 3B	Q6208	B C 4B		
C1020	A C 2B	C3060	B C 3B	C4207	A C 1B	C6111	A C 5B	C8029	B C 4C	D3701	A C 5C	L3013	B C 2B	Q6210	B C 5B		
C1021	A C 2B	C3061	B C 2B	C4208	A C 2B	C6112	A C 5B	C8030	B C 4C	D5501	A C 1C	L3501	A C 4C	Q6211	B C 5A		
C1022	B C 3B	C3062	B C 2B	C4209	A C 1B	C6113	A C 5B	C8031	B C 4C	D6001	A C 5A	L3502	A C 4C	Q6212	B C 4A		
C1023	B C 3C	C3063	B C 2B	C4210	A C 1B	C6114	A C 5B	C8032	B C 4C	D6002	A C 4A	L3503	A C 3C	Q6213	B C 4A		
C1024	A C 3A	C3501	A C 4C	C4211	A C 1C	C6115	A C 5B	C8033	B C 5C	D6201	B C 4A	L3504	A C 3C	Q6214	B C 4A		
C1025	A C 3A	C3502	A C 3C	C4212	A C 1C	C6116	A C 5B	C8034	B C 5C	D6202	B C 4A	L3505	A C 3D	Q6215	B C 4A		
C1026	A C 3A	C3503	A C 3C	C4213	A C 1C	C6117	A C 5B	C8035	B C 5C	D6203	B C 5A	L3701	A C 5C	Q6216	B C 4A		
C1027	A C 4D	C3504	A C 3C	C4214	A C 2C	C6118	A C 5B	C8036	B C 5C	D6204	B C 5B	L3901	B C 3A	Q6601	B C 1C		
C1028	A C 4C	C3505	A C 3C	C4215	A C 2C	C6119	A C 5B	C8037	B C 5C	D6205	B C 5B	L3902	B C 4B	Q6602	B C 1C		
C1029	A C 4C	C3506	A C 3C	C4216	A C 2C	C6120	A C 5B	C8038	B C 5C	D6206	B C 5A	L3903	B C 4B	Q6611	B C 1C		
C1030	A C 4D	C3507	A C 3C	C4301	B C 3C	C6121	A C 5B	C8039	B C 5C	D6207	B C 4A	L3904	B C 4B	Q6612	B C 1C		
C1031	A C 4A	C3508	A C 3C	C4302	B C 3C	C6122	A C 4B	C8040	B C 5C	D6701	B C 5B	L3951	B C 4B	Q6613	B C 1C		
C1032	A C 2A	C3509	A C 3C	C4303	B C 2B	C6123	A C 4B	C8041	B C 5C	D6702	B C 5A	L3952	B C 4C	Q6614	B C 1C		
C1033	A C 3B	C3510	A C 3C	C4304	B C 2D	C6124	A C 4B	C8042	B C 5B	D8001	B C 4B	L3953	B C 4C	Q6615	B C 1C		
C1034	A C 3B	C3511	A C 4C	C4305	B C 2D	C6125	A C 4B	C8043	B C 5B	D8401	A C 5C	L4201	A C 1C	Q7001	A C 5A		
C1035	A C 3A	C3512	A C 4C	C4306	B C 2D	C6126	A C 4B	C8044	B C 5C	IC				Q8401	A C 5C		
C1036	A C 3A	C3513	A C 4C	C4307	B C 2D	C6127	A C 5B	C8045	B C 5C	IC1001	A C 3B	L4301	B C 2D	Q8401	A C 5C		
C1037	A C 3A	C3514	A C 4C	C4308	B C 2D	C6128	A C 5B	C8046	B C 5C	IC1002	A C 4B	L4302	B C 2B	RESISTOR			
C1038	A C 3B	C3515	A C 4C	C4309	B C 2D	C6129	A C 5B	C8048	B C 4D	IC1003	A C 3B	L4303	B C 2D	R1001	A C 3A		
C1039	A C 3B	C3516	A C 4C	C4310	B C 2D	C6130	A C 5A	C8049	B C 4D	IC1004	A C 2B	L4304	B C 1C	R1002	A C 3A		
C1040	A C 3A	C3517	A C 4C	C4311	B C 2D	C6131	A C 5B	C8050	B C 4D	IC1005	A C 2B	L4305	A C 3C	R1003	A C 3B		
C1101	B C 1C	C3518	A C 4C	C4312	B C 2C	C6134	A C 5A	C8051	B C 4D	IC1006	B C 3C	L4306	B C 3D	R1004	A C 3C		
C1102	B C 1C	C3519	A C 3C	C4313	B C 1C	C6201	B C 4A	C8052	B C 3D	IC1007	A C 2A	L4307	A C 1B	R1005	A C 3C		
C1103	B C 1C	C3520	A C 3C	C4314	B C 2C	C6202	B C 4A	C8053	B C 3C	IC1008	A C 3B	L4308	A C 1B	R1006	A C 3B		
C1111	B C 1C	C3522	A C 3C	C4316	B C 2C	C6204	A C 5A	C8055	B C 4C	IC1009	A C 3A	L4309	A C 2B	R1007	A C 3A		
C1112	A C 1C	C3523	A C 3C	C4317	B C 2C	C6205	B C 3A	C8056	B C 4C	IC1101	A C 1C	L4309	A C 1B	R1009	A C 4D		
C1113	A C 1C	C3524	A C 3C	C4318	B C 2C	C6206	B C 4A	C8057	B C 4C	IC1303	B C 1B	L5501	A C 2B	R1010	A C 4C		
C1307	B C 1B	C3525	A C 3C	C4319	B C 2C	C6207	B C 4A	C8058	B C 4C	IC1401	B C 1C	L5502	A C 2A	R1011	A C 3B		
C1401	A C 1C	C3526	A C 3C	C4320	B C 2C	C6208	A C 5A	C8059	B C 4D	IC1402	B C 1B	L5503	A C 1B	R1012	A C 3B		
C1402	A C 1C	C3527	A C 4C	C4321	B C 2C	C6209	A C 5A	C8060	B C 4D	IC1403	A C 2C	L5504	A C 2B	R1013	A C 3B		
C1403	A C 1B	C3701	A C 5B	C4322	B C 2C	C6210	B C 4A	C8063	B C 5C	IC1404	A C 4D	L5505	A C 1B	R1014	A C 3B		
C1404	B C 1B	C3702	B C 3C	C4323	B C 3D	C6211	A C 5A	C8064	B C 4D	IC3001	B C 3B	L5506	A C 2B	R1015	A C 3B		
C1405	B C 1C	C3703	B C 3C	C4324	B C 3D	C6212	B C 5B	C8065	B C 3D	IC3002	B C 2B	L6101	B C 1C	R1017	A C 3B		
C1406	B C 1C	C3704	B C 3C	C4325	B C 3C	C6213	B C 5B	C8101	A C 4C	IC3003	B C 3B	L6102	B C 1B	R1018	A C 3B		
C1407	B C 1C	C3705	B C 3C	C4326	B C 3C	C6214	A C 5B	C8102	A C 4C	IC3004	B C 3B	L6103	B C 1B	R1019	A C 3B		
C1408	B C 1C	C3706	B C 3C	C4327	B C 3C	C6215	B C 5B	C8103	A C 4C	IC3005	B C 2A	L6201	B C 5B	R1020	B C 1C		
C1409	B C 1C	C3707	A C 5C	C4328	B C 3C	C6216	B C 5B	C8104	A C 4C	IC3006	B C 2B	L6202	B C 5B	R1021	B C 1B		
C1410	B C 1C	C3707	A C 5C	C4328	B C 3C	C6217	B C 5B	C8105	A C 4C	IC3501	A C 3C	L6203	B C 5A	R1022	B C 1C		
C1411	B C 1C	C3708	A C 5C	C4329	B C 3C	C6218	A C 4B	C8106	A C 4B	IC3701	A C 5C	L6204	B C 5A	R1023	A C 3B		
C1412	B C 1C	C3709	A C 5C	C4330	A C 2C	C6220	B C 5A	C8107	A C 4B	IC3702	A C 5C	L6205	B C 5A	R1024	A C 3B		
C1413	B C 1C	C3710	A C 5C	C4331	A C 3C	C6221	B C 5A	C8108	A C 4B	IC3703	A C 5C	L6206	A C 1C	R1025	A C 3B		
C1414	B C 1C	C3711	A C 5C	C4332	A C 3C	C6222	B C 5A	C8108	A C 4B	IC3901	B C 4B	L6207	A C 2A	R1026	A C 3B		
C1415	B C 1C	C3712	A C 5C	C4333	A C 1C	C6223	B C 5A	C8109	A C 4B	IC3902	B C 4B	L6208	A C 2A	R1027	A C 3B		
C1416	B C 1C	C3713	A C 5C	C4334	A C 1C	C6224	A C 5A	C8110	A C 4B	IC3903	B C 4B	L6209	B C 5C	R1028	A C 3B		
C1417	B C 1C	C3714	A C 5B	C4335	B C 2D	C6225	B C 4A	C8111	A C 4B	IC3951	B C 4C	L6210	B C 5C	R1029	A C 4A		
C1418	B C 1C	C3715	A C 4C	C4336	B C 2B	C6226	B C 4A	C8112	A C 4B	IC4201	A C 2B	L6211	B C 4D	R1030	A C 3B		
C1419	B C 1C	C3716	A C 5B	C4337	B C 2D	C6227	B C 5A	C8113	A C 4B	IC4202	A C 2C	L6212	B C 5C	R1031	A C 3B		
C1420	B C 1C	C3717	A C 5C	C4338	B C 3C	C6228	B C 5A	C8114	A C 4B	IC4301	B C 2C	L6213	B C 5C	R1032	A C 3B		
C3001	B C 2A	C3718	A C 4C	C4339	B C 2C	C6229	B C 5B	C8115	A C 4B	IC4302	A C 2C	L6214	B C 5C	R1033	A C 3B		
C3002	B C 2A	C3719	A C 4C	C4340	B C 2B	C6230	B C 4A	C8116	A C 4B	IC4303	A C 3C	L6215	B C 5B	R1034	A C 3B		
C3003	B C 2A	C3901	B C 4B	C4341	B C 2C	C6601	B C 1C	C8117	A C 4B	IC4304	B C 2D	L6216	B C 4D	R1035	A C 3A		
C3004	B C 2A	C3902	B C 4B	C4342	B C 2C	C6602	A C 1C	C8118	A C 4B	IC5501	A C 1C	L8001	B C 3D	R1036	B C 3B		
C3005	B C 3A	C3903	B C 4B	C4343	B C 2D	C6603	B C 1C	C8119	A C 4B	IC6001	A C 5A	L8002	B C 3D	R1037	A C 3A		
C3006	B C 2A	C3904	B C 4B	C4344	B C 2C	C6604	B C 1C	C8120	A C 4B	IC6002	A C 5A	L8003	A C 4C	R1038	A C 3A		
C3007	B C 3B	C3905	B C 4B	C4345	B C 3D	C6605	B C 1C	C8121	A C 4B	IC6101	A C 5B	L8004	A C 4C	R1039	A C 3A		
C3008	B C 3B	C3906	B C 4B	C4346	B C 2D	C6611	B C 1C	C8122	A C 4B	IC6601	B C 1C	L8005	A C 5C	R1040	A C 3A		
C3009	B C 3B	C3907	B C 4B	C4347	B C 2D	C6612	B C 1C	C8123	A C 4B	IC8001	B C 4C	L8006	A C 5C	R1041	A C 3A		
C3010	B C 3B	C3908	B C 3B	C4348	B C 2D	C6613	B C 1C	C8124	A C 4C	IC8002	B C 3C	L8007	A C 5C	R1042	A C 3A		
C3011	B C 3B	C3909	B C 3B	C4349	B C 2C	C6701	B C 5A	C8125	A C 4C	IC8003	B C 5C	L8008	B C 5C	R1043	A C 3A		
C3012	B C 3B	C3910	B C 3B	C4350	B C 2C	C6702	B C 5B	C8126	A C 4C	IC8004	B C 5C	L8009	B C 5C	R1044	A C 4D		
C3013	B C 3B	C3911	B C 4B	C4351	B C 2C	C6703	B C 5B	C8127	A C 4C	IC8005	B C 4D						

REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
R1059	A C 3B	R3033	B C 2B	R4311	B C 2C	R6206	A C 4B	R8029	B C 4C	RA4301	A C 2D	TL8104	A C 4A
R1060	A C 3B	R3034	B C 2B	R4312	B C 2C	R6207	A C 4B	R8030	B C 5D	RA4302	A C 2D	TL8105	A C 4A
R1061	A C 3B	R3035	B C 2A	R4313	B C 2C	R6208	A C 5A	R8031	B C 5D	RA4303	A C 2D	TL8106	A C 4A
R1062	A C 3B	R3036	B C 3B	R4314	B C 2C	R6209	A C 5A	R8032	B C 5D	RA4304	A C 2D	TL8107	A C 4A
R1063	A C 3A	R3041	B C 3B	R4315	B C 2C	R6210	A C 5A	R8033	B C 4D	RA4305	A C 2D	TL8108	A C 4A
R1064	A C 3B	R3042	B C 3B	R4316	B C 2C	R6211	A C 5A	R8034	B C 5B	RA4306	A C 2D	TM1	A C 1A
R1065	A C 3B	R3043	B C 3B	R4317	B C 2C	R6212	A C 5A	R8035	B C 5B	RA4307	B C 2B	TM2	A C 5D
R1066	A C 3B	R3044	B C 3B	R4318	B C 2C	R6213	B C 4B	R8036	B C 4D	RA4308	B C 3B	X1001	A C 3A
R1070	A C 3B	R3046	B C 3B	R4319	B C 2C	R6214	B C 4B	R8037	B C 4D	RA4309	B C 3B	X1002	A C 4B
R1071	A C 3B	R3047	B C 3B	R4320	B C 2C	R6215	B C 4B	R8038	B C 4D	RA4310	B C 3B	X3002	B C 2B
R1072	A C 4A	R3049	B C 3B	R4321	B C 2C	R6216	B C 4B	R8039	B C 5B	RA8001	B C 3C	X5501	A C 1C
R1073	A C 4A	R3050	B C 3B	R4322	B C 2C	R6219	A C 5B	R8040	B C 4D	RA8002	B C 3C	X8002	B C 4D
R1074	A C 4A	R3052	B C 3B	R4323	B C 2C	R6220	A C 5B	R8041	B C 4B	RA8003	B C 4C	X8101	B C 4B
R1075	A C 4A	R3053	B C 3B	R4324	B C 2C	R6221	A C 4B	R8042	B C 4C	RA8004	B C 4C	X8401	A C 5C
R1076	B C 3B	R3054	B C 3B	R4325	B C 2C	R6223	A C 5A	R8043	B C 4B	RA8401	A C 5D		
R1077	B C 3B	R3055	B C 3B	R4326	B C 2C	R6224	A C 5B	R8044	B C 4D	RA8402	A C 5D		
R1080	A C 3B	R3056	B C 2B	R4327	B C 1C	R6225	A C 5B	R8045	B C 4C	RA8403	A C 5D		
R1101	B C 1C	R3057	B C 2B	R4328	B C 1C	R6226	A C 4B	R8046	B C 4B	RA8404	A C 5D		
R1102	B C 1C	R3058	B C 2B	R4329	B C 2C	R6227	A C 4A	R8047	B C 4B				
R1104	B C 1C	R3501	A C 2B	R4330	B C 2C	R6228	A C 5A	R8048	B C 4C	TESTPOINT			
R1106	B C 1C	R3502	A C 3C	R4331	B C 2C	R6229	A C 5A	R8049	B C 4C	TP1	A D	5B	
R1107	B C 1C	R3503	A C 3C	R4332	B C 2C	R6230	A C 5A	R8050	B C 4C	TP2	A D	5B	
R1108	B C 1C	R3504	A C 3C	R4333	B C 2C	R6231	B C 5A	R8051	B C 4C	TP3	A D	5B	
R1109	B C 1C	R3505	A C 3C	R4334	B C 3C	R6232	B C 4A	R8054	B C 4C	OTHER			
R1302	B C 1B	R3506	A C 3C	R4335	B C 3C	R6233	B C 5A	R8055	B C 4C	F6101	A C	5B	
R1305	B C 1B	R3507	A C 3C	R4336	B C 3C	R6234	B C 4A	R8056	B C 5C	J101	A C	2D	
R1306	B C 1B	R3508	A C 4C	R4337	B C 2D	R6235	B C 4A	R8057	B C 4C	PC06	A C	5D	
R1401	B C 1C	R3509	A C 3C	R4338	B C 2C	R6236	B C 4A	R8058	B C 5B	X1001	A C	2C	
R1402	B C 1B	R3510	A C 4C	R4339	B C 2D	R6237	B C 5A	R8059	B C 5D	TL1001	A C	4A	
R1403	B C 1B	R3521	A C 3C	R4340	B C 2D	R6238	B C 5A	R8074	B C 4D	TL1002	A C	4B	
R1407	B C 1B	R3522	A C 4C	R4341	B C 3C	R6239	B C 4A	R8075	B C 4D	TL1003	A C	4A	
R1408	B C 1B	R3701	B C 3C	R4342	B C 2C	R6240	B C 4A	R8076	B C 4D	TL1401	A C	2D	
R1409	A C 2C	R3702	B C 3C	R4343	B C 2C	R6241	B C 4A	R8077	B C 4D	TL1402	A C	2D	
R1410	A C 2C	R3703	B C 3C	R4344	B C 2C	R6242	B C 4A	R8078	B C 4D	TL1403	A C	2D	
R1411	A C 2C	R3704	B C 3C	R4345	B C 2C	R6243	B C 4A	R8101	A C 4B	TL1404	A C	2D	
R1412	A C 2C	R3705	B C 3C	R4346	A C 3B	R6247	A C 4A	R8102	A C 4B	TL1406	A C	2D	
R1413	A C 2C	R3706	B C 3C	R4347	B C 2B	R6249	A C 4A	R8104	A C 4B	TL1407	A C	2D	
R1414	B C 1C	R3707	B C 3C	R4348	B C 2B	R6251	A C 5A	R8105	A C 4B	TL1408	A C	2D	
R1415	B C 1C	R3708	B C 3C	R4349	B C 2B	R6253	A C 5A	R8106	A C 4B	TL1409	A C	2D	
R1416	B C 1B	R3709	A C 5C	R4350	B C 2D	R6255	A C 5A	R8107	A C 4C	TL1410	A C	2D	
R1417	B C 1B	R3710	A C 5C	R4351	B C 2B	R6257	A C 5A	R8108	A C 4B	TL1411	A C	2D	
R1418	B C 1B	R3711	A C 5C	R5501	A C 1C	R6601	B C 1C	R8109	A C 4B	TL1412	A C	2D	
R1419	B C 1B	R3712	A C 5C	R5503	A C 1C	R6602	B C 1C	R8110	A C 4B	TL1413	A C	2D	
R1420	B C 1B	R3713	A C 5C	R5504	A C 1C	R6603	B C 1C	R8111	A C 4B	TL1414	A C	2D	
R1422	B C 1B	R3714	A C 5B	R5505	A C 1C	R6604	B C 1C	R8112	A C 4B	TL1415	A C	2D	
R1423	B C 1C	R3715	A C 4C	R5506	A C 1C	R6605	B C 1C	R8113	A C 4B	TL1416	A C	3B	
R1424	B C 1C	R3716	A C 4C	R5507	A C 1C	R6606	B C 1C	R8114	A C 4C	TL3001	A C	2B	
R1425	B C 1C	R3717	A C 4C	R5509	A C 1B	R6611	B C 1C	R8115	A C 4C	TL3002	B C	2B	
R1426	B C 1C	R3718	A C 4C	R5510	A C 1B	R6612	B C 1C	R8116	A C 4B	TL3004	A C	2B	
R1427	B C 1C	R3719	A C 4C	R5511	A C 1B	R6613	B C 1C	R8117	A C 4B	TL3005	B C	2B	
R1428	B C 1C	R3720	A C 4C	R5512	A C 1B	R6614	B C 1C	R8118	A C 4B	TL3051	B C	2A	
R1429	B C 1C	R3721	A C 5B	R5513	A C 1B	R6615	B C 1C	R8119	A C 4B	TL3501	A C	3C	
R1430	B C 1B	R3722	A C 5B	R5514	A C 1B	R6616	B C 1C	R8120	A C 4B	TL4201	A C	1B	
R1432	A C 5D	R3723	A C 5B	R5515	A C 1C	R6617	B C 1C	R8121	A C 4B	TL4202	A C	1B	
R1433	A C 5D	R3724	B C 3C	R5516	A C 1C	R6618	B C 1C	R8122	A C 4B	TL4203	A C	2B	
R1434	A C 5D	R3901	B C 4B	R6001	A C 5A	R6701	A C 5B	R8123	A C 4B	TL4301	B C	3D	
R1435	A C 5D	R3904	B C 4B	R6002	A C 5A	R6702	A C 5B	R8124	A C 4B	TL4302	B C	2D	
R1436	A C 5D	R3911	B C 4B	R6003	A C 5A	R6703	A C 5B	R8125	A C 4B	TL4303	B C	2D	
R1437	B C 1B	R3912	B C 4B	R6004	A C 5A	R6712	A C 5B	R8126	A C 4B	TL4304	B C	2B	
R1439	B C 1C	R3951	B C 4C	R6005	A C 5A	R6713	A C 5B	R8127	A C 4C	TL4305	B C	3D	
R1440	B C 1C	R3952	B C 4C	R6008	A C 5A	R7001	A C 2A	R8128	A C 4B	TL4306	B C	2D	
R1441	B C 1C	R3953	B C 4B	R6009	A C 5A	R7002	A C 2A	R8129	A C 4B	TL4307	B C	2D	
R1442	B C 1C	R3954	B C 4C	R6010	A C 4A	R7003	A C 2A	R8130	A C 4B	TL4308	B C	2D	
R1443	B C 1B	R3955	B C 4C	R6011	A C 4A	R7004	A C 2A	R8131	A C 4B	TL4309	B C	2D	
R1444	B C 1B	R3956	B C 4B	R6012	A C 5B	R8001	B C 4C	R8132	A C 4B	TL4310	B C	2D	
R1445	B C 1B	R3961	B C 4C	R6013	A C 5B	R8002	B C 3C	R8133	A C 4B	TL4311	B C	3D	
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R3004	B C 3B	R3963	B C 3C	R6015	A C 5A	R8004	B C 3C	R8135	A C 4C	TL4313	B C	2D	
R3007	B C 2B	R3964	B C 4C	R6016	A C 5A	R8005	B C 4D	R8401	A C 5C	TL4314	B C	2C	
R3008	B C 2B	R3965	B C 4C	R6017	A C 2B	R8006	B C 4C	R8402	A C 5C	TL4315	B C	3D	
R3009	B C 2B	R3966	B C 3C	R6101	A C 5B	R8007	B C 4D	R8403	A C 5C	TL4405	B C	2D	
R3010	B C 2B	R3967	B C 3B	R6102	A C 5B	R8008	B C 3C	R8404	A C 5C	TL5501	A C	2C	
R3011	B C 2B	R3968	B C 4B	R6103	A C 5B	R8009	B C 3C	R8405	A C 5C	TL5502	A C	2C	
R3013	B C 3B	R3969	B C 3B	R6106	A C 5B	R8010	B C 3C	R8406	A C 5C	TL5503	A C	2C	
R3014	B C 3B	R4201	A C 2B	R6107	A C 5B	R8011	B C 3C	R8407	A C 5C	TL5504	A C	1C	
R3015	B C 3B	R4202	A C 2B	R6108	A C 5B	R8012	B C 3C	R8408	A C 5C	TL6301	A D	4A	
R3016	B C 3B	R4203	A C 1B	R6109	A C 5A	R8013	B C 3C	R8409	A C 5D	TL8001	B C	3D	
R3017	B C 3B	R4204	A C 2B	R6110	A C 5B	R8014	B C 3C	R8410	A C 5D	TL8006	B C	4C	
R3018	B C 3B	R4205	A C 1C	R6112	A C 5B	R8015	B C 3C	RA1001	A C 2B	TL8007	B C	3D	
R3019	B C 3B	R4206	A C 2C	R6113	A C 5B	R8016	B C 3C	RA1002	A C 3B	TL8008	B C	3D	
R3020	B C 3B	R4207	A C 1C	R6114	A C 5B	R8017	B C 3C	RA1003	A C 3C	TL8011	B C	3D	
R3021	A C 3D	R4208	A C 1C	R6115	A C 5B	R8018	B C 3D	RA1004	A C 3C	TL8012	B C	4B	
R3022	A C 3D	R4301	B C 2D	R6116	A C 4B	R8019	B C 3D	RA1005	A C 3A	TL8013	B C	4B	
R3023	A C 3D	R4302	B C 3C	R6117	A C 5B	R8020	B C 4C	RA1006	A C 3A	TL8014	B C	5D	
R3024	A C 3D	R4303	B C 2C	R6118	A C 5B	R8021	B C 4B	RA1007	A C 3A	TL8024	B C	4B	
R3026	B C 3A	R4304	B C 2C	R6123	A C 5A	R8022	B C 4B	RA1008	A C 4A	TL8025	B C	4B	
R3027	B C 2A	R4305	B C 2C	R6124	A C 5B	R8023	B C 5C	RA1009	A C 3A	TL8026	B C	5D	
R3028	B C 2A	R4306	B C 2C	R6201	A C 5A	R8024	B C 5C	RA1010	A C 4A	TL8027	B C	5D	
R3029	B C 2A	R4307	B C 2C	R6202	A C 5A	R8025	B C 3D	RA1401	B C 1B	TL8028	B C	5B	
R3030	B C 2A	R4308	B C 2C	R6203	A C 5A	R8026	B C 5B	RA1402	B C 2B	TL8029	B C	5D	
R3031	B C 2A	R4309	B C 2C	R6204	B C 3A	R8027	B C 4D	RA1403	B C 1C	TL8101	A C	4A	
R3032	B C 2B	R4310	B C 2C	R6205	B C 3A	R8028	B C 4C	RA3001	B C 2A	TL8102	A C	4A	

COMPONENT SIDE(A)

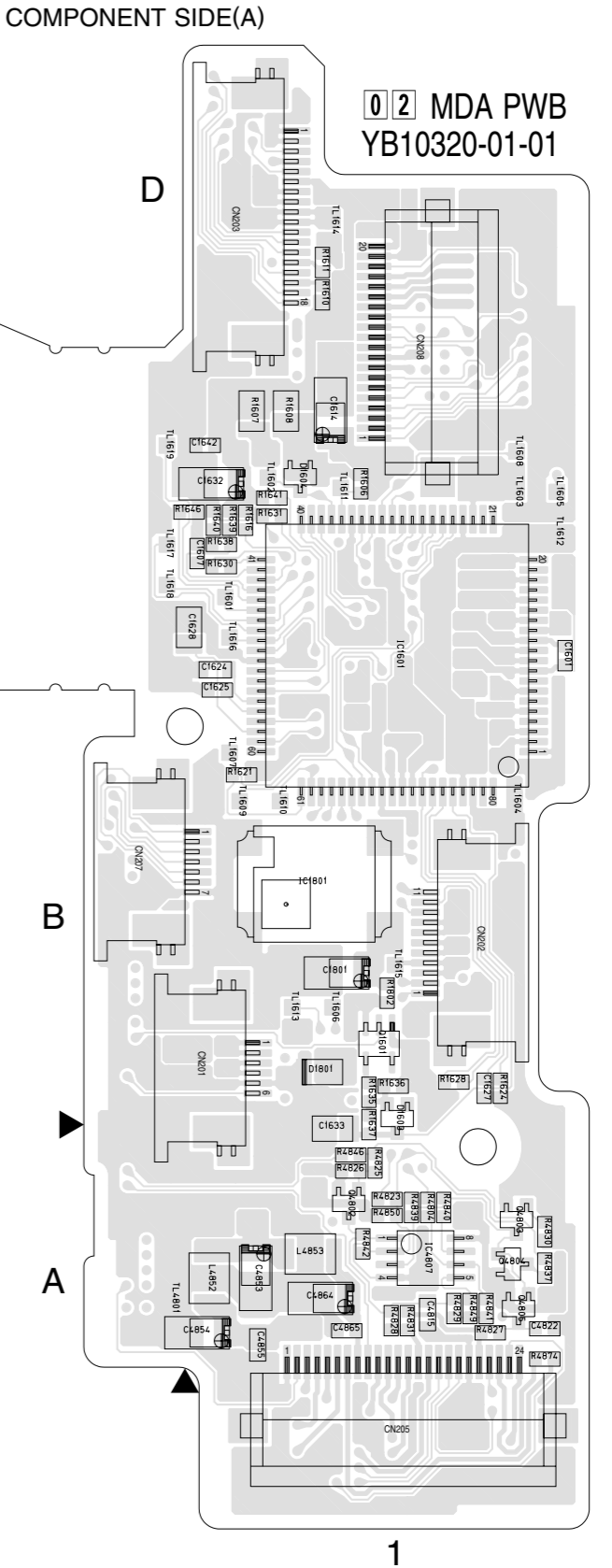


4.38 MDA CIRCUIT BOARD



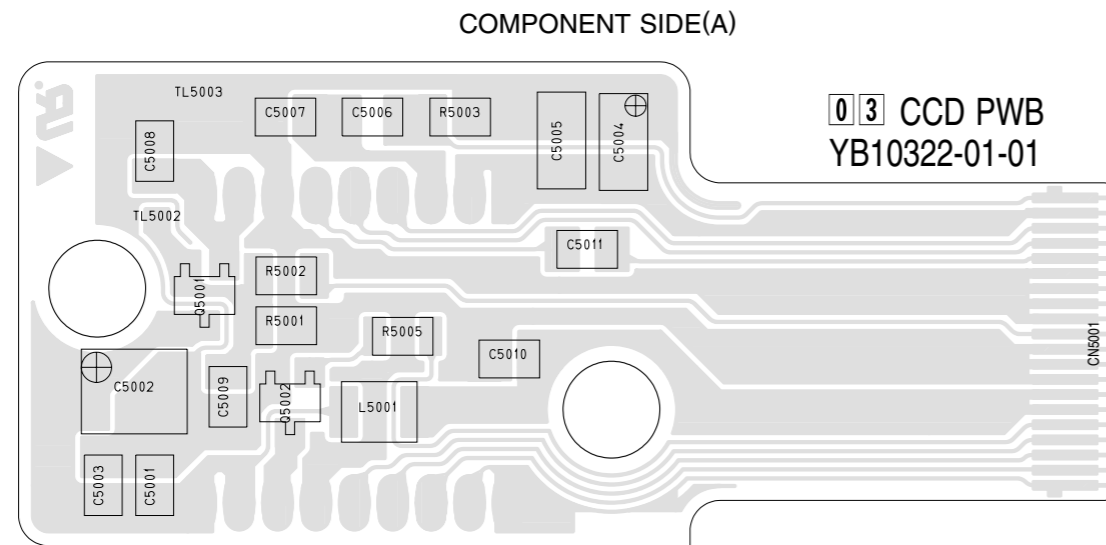
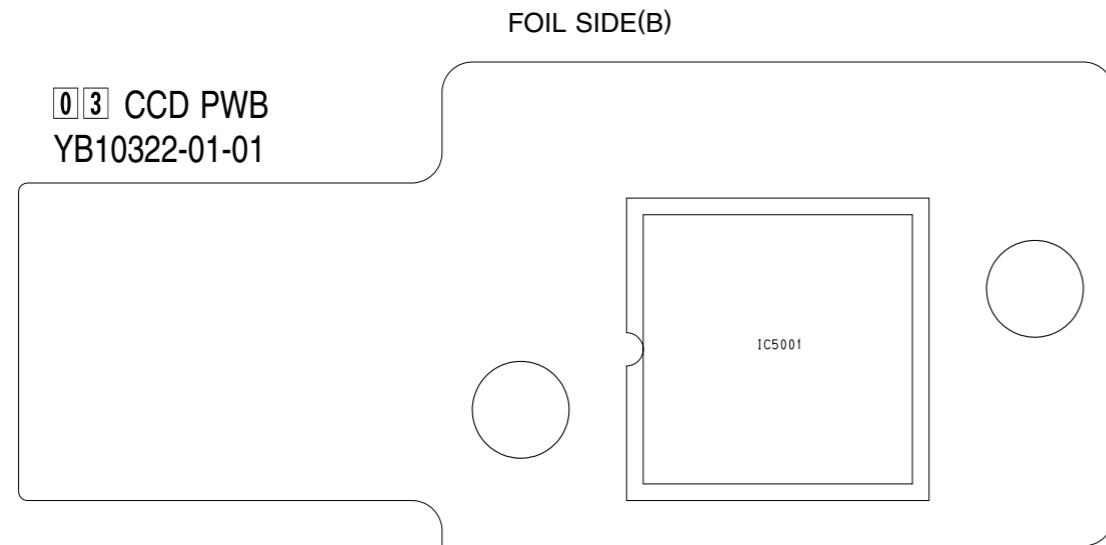
COMPONENT PARTS LOCATION GUIDE <MDA >

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CAPACITOR				COIL				TRANSISTOR			
C1601	A C 1C	C4814	B C 1B	L4802	B C 1B	Q1601	A C 1B	R1628	A C 1B	R4840	A C 1A
C1602	B C 1B	C4815	A C 1A	L4851	B C 1B	Q4801	B C 1B	R1629	B C 1B	R4841	A C 1A
C1603	B C 1B	C4819	B C 1B	L4852	A C 1A	Q4802	A C 1A	R1630	A C 1C	R4842	A C 1A
C1605	B C 1B	C4820	B C 1A	L4853	A C 1A	Q4803	A C 1A	R1631	A C 1B	R4845	B C 1B
C1606	B C 1B	C4822	A C 1A			Q4804	A C 1A	R1635	A C 1C	R4846	A C 1A
C1607	A C 1C	C4823	B C 1B	RESISTOR				R1636	A C 1B	R4848	B C 1B
C1610	B C 1C	C4851	B C 2B	R1091	B C 1B	Q4805	A C 1A	R1637	A C 1B	R4849	A C 1A
C1611	B C 1C	C4852	B C 2B	R1092	B C 1B	Q4851	B C 1A	R1638	A C 1C	R4850	A C 1A
C1612	B C 1C	C4853	A C 1A	R1093	B C 1B			R1639	A C 1C	R4852	B C 1A
C1613	B C 1C	C4854	A C 1A	R1094	B C 1B	CONNECTOR				R1640	A C 1C
C1614	A C 1C	C4855	A C 1A	R1095	B C 1B	CN201	A C 1B	R1641	A C 1C	R4854	B C 1A
C1615	B C 1C	C4858	A C 1A	R1096	B C 1B	CN202	A C 1B	R1643	B C 1B	R4855	B C 1A
C1616	B C 1C	C4859	B C 1A	R1601	B C 1B	CN203	A C 1D	R1644	A C 1C	R4856	B C 1A
C1617	B C 1C	C4860	B C 1A	R1602	B C 1B	CN204	B C 1D	R1646	A C 1B	R4857	B C 1A
C1618	B C 1C	C4861	B C 1A	R1603	B C 1B	CN205	A C 1A	R1647	A C 1C	R4858	B C 1A
C1619	B C 1C	C4862	A C 1A	R1604	B C 1B	CN206	B C 2C	R1648	A C 1B	R4859	B C 1A
C1620	B C 1C	C4863	B C 1A	R1605	B C 1C	CN207	A C 2B	R1649	A C 1C	R4860	B C 1A
C1621	B C 1C	C4864	A C 1A	R1606	A C 1C	CN208	A C 1C	R1650	B C 1B	R4861	B C 1A
C1622	B C 1C	C4865	A C 1A	R1607	B C 1B			R1651	B C 1B	R4862	B C 1A
C1623	B C 1C	C4866	B C 1A	R1608	A C 1C	DIODE				R4863	B C 1A
C1624	A C 1C			R1609	B C 1B	D1602	B C 1C	R4864	B C 1A	R4864	B C 1A
C1625	A C 1C			R1610	A C 1D	D1603	A C 1B	R4865	B C 1A	R4865	B C 1A
C1626	B C 1C			R1611	A C 1D	D1604	A C 1C	R4866	B C 1A	R4866	B C 1A
C1627	A C 1C			R1612	B C 1C	D1801	A C 1B	R4867	B C 1A	R4867	B C 1A
C1628	A C 1C			R1613	B C 1C			R4868	B C 1A	R4868	B C 1A
C1632	A C 1C			R1614	B C 1C			R4870	B C 1A	R4870	B C 1A
C1633	A C 1C			R1615	B C 1C			R4871	B C 1A	R4871	B C 1A
C1635	A C 1C			R1616	B C 1C			R4872	B C 1A	R4872	B C 1A
C1638	B C 1C			R1617	B C 1C			R4874	A C 1A	R4874	A C 1A
C1640	B C 1C			R1618	B C 1C			OTHER			
C1641	B C 1C			R1619	B C 1C			TL1601	A C 1C		
C1642	A C 1C			R1620	B C 1C			TL1602	A C 1C		
C1801	A C 1B			R1621	A C 1B			TL1603	A C 1C		
C4803	B C 1B			R1622	B C 1C			TL1604	A C 1B		
C4804	B C 1B			R1624	A C 1B			TL1605	A C 1C		
C4805	B C 1A			R1625	B C 1D			TL1606	A C 1B		
C4806	B C 1A			R1626	B C 1C			TL1607	A C 1B		
C4807	B C 1A							TL1608	A C 1C		
C4808	B C 1A							TL1609	A C 1B		
C4809	B C 1A							TL1610	A C 1B		
C4810	B C 1A							TL1611	A C 1C		
C4811	B C 1A							TL1612	A C 1C		
C4812	B C 1B							TL1613	A C 1B		
								TL1614	A C 1D		
								TL1615	A C 1B		
								TL1616	A C 1C		
								TL1617	A C 2C		
								TL1618	A C 2C		

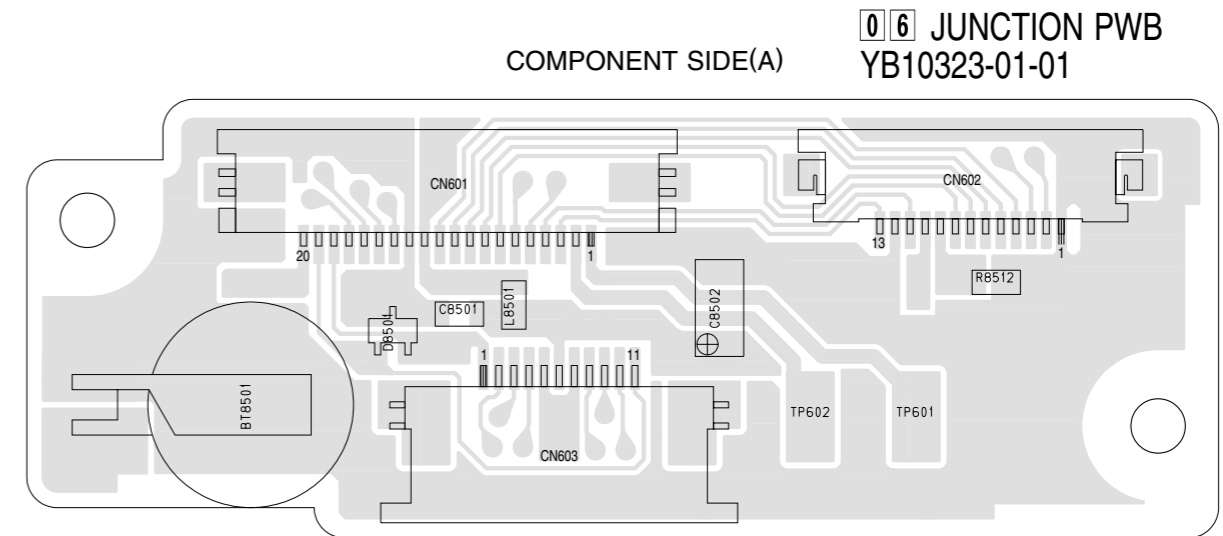
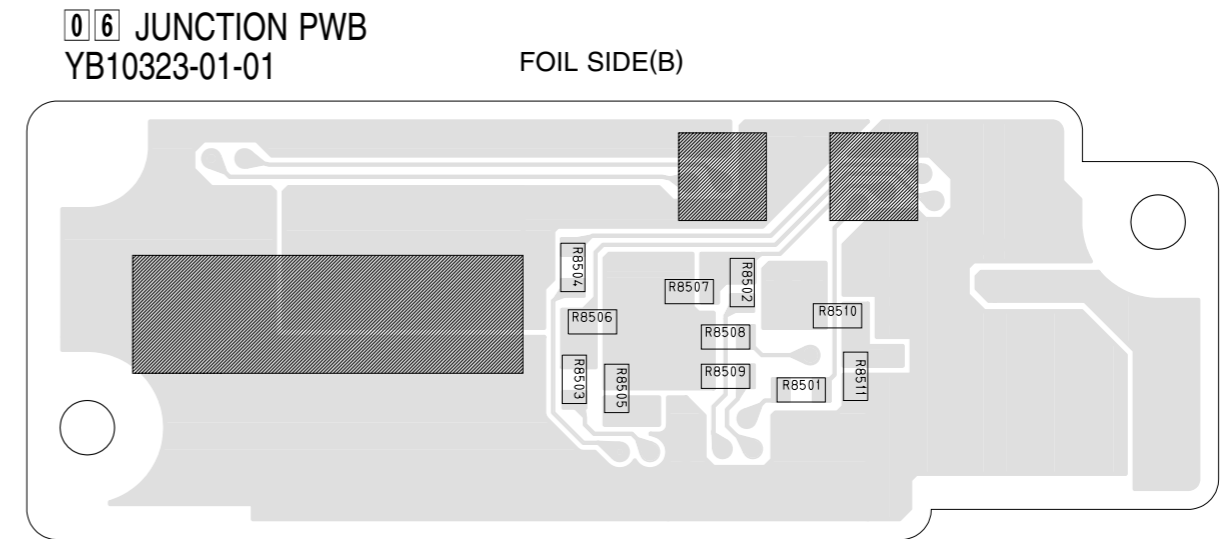


4.39 CCD AND JUNCTION CIRCUIT BOARDS

—CCD—

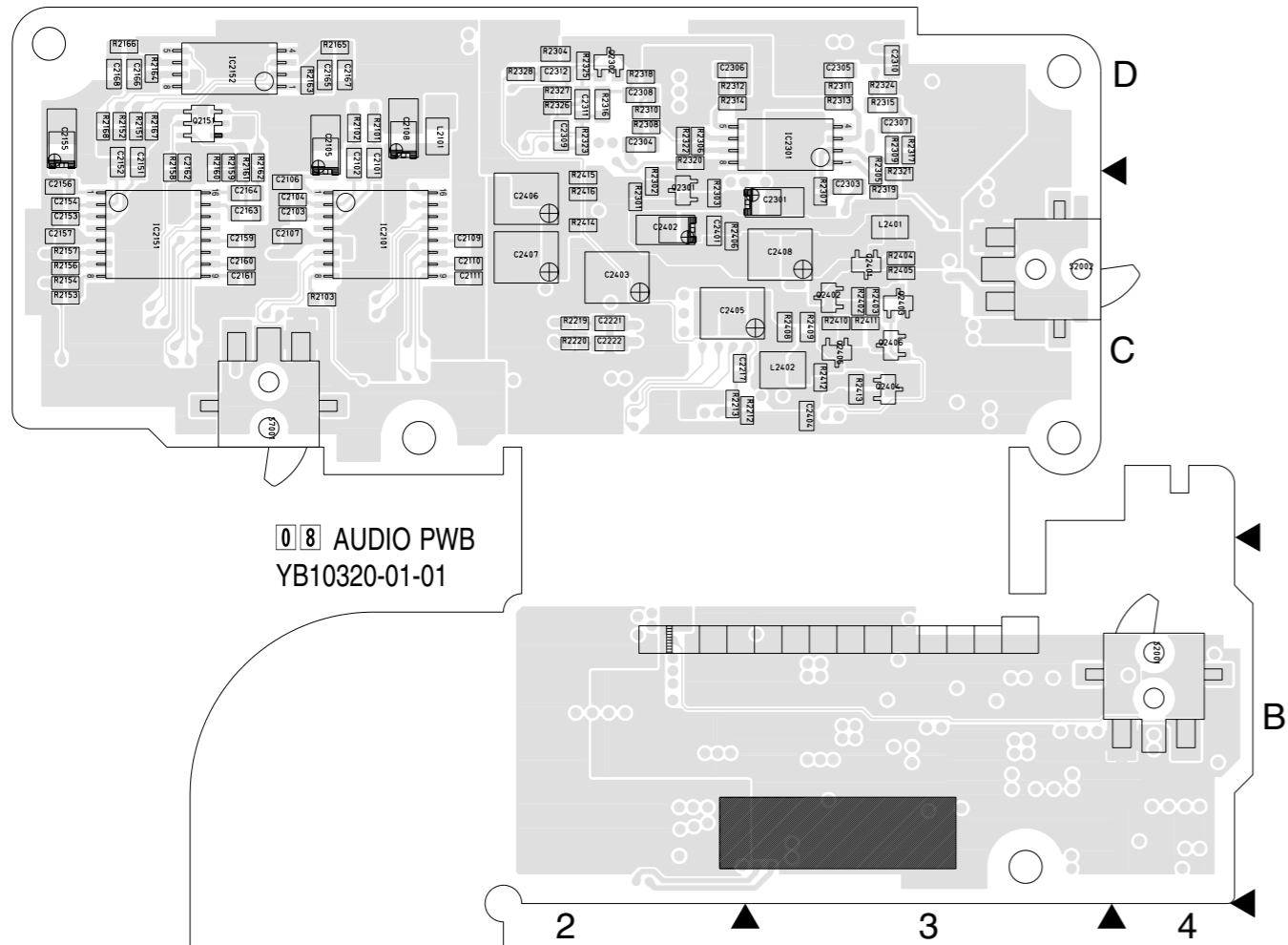


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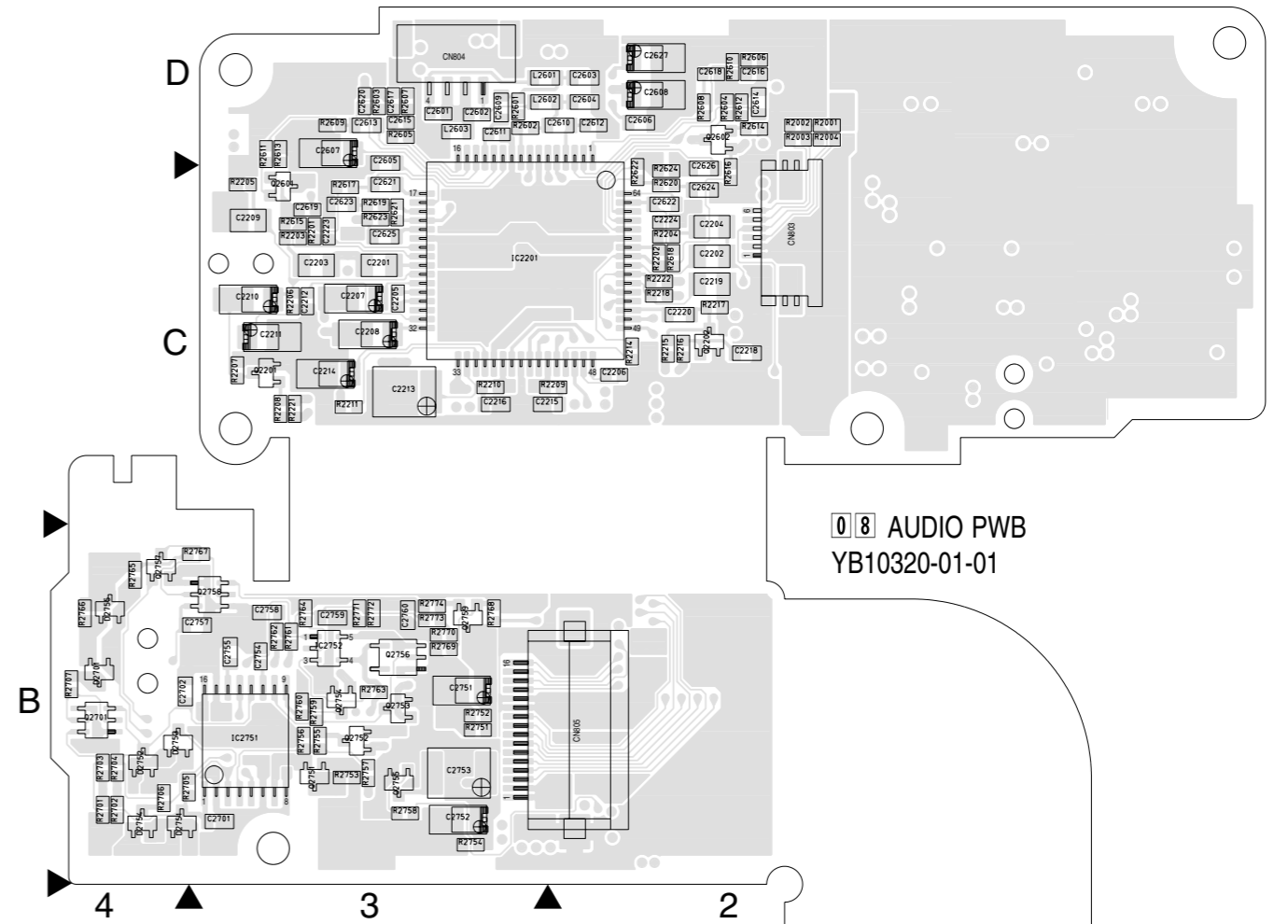


4.41 AUDIO CIRCUIT BOARD

FOIL SIDE(B)



COMPONENT SIDE(A)



COMPONENT PARTS LOCATION GUIDE <AUDIO>

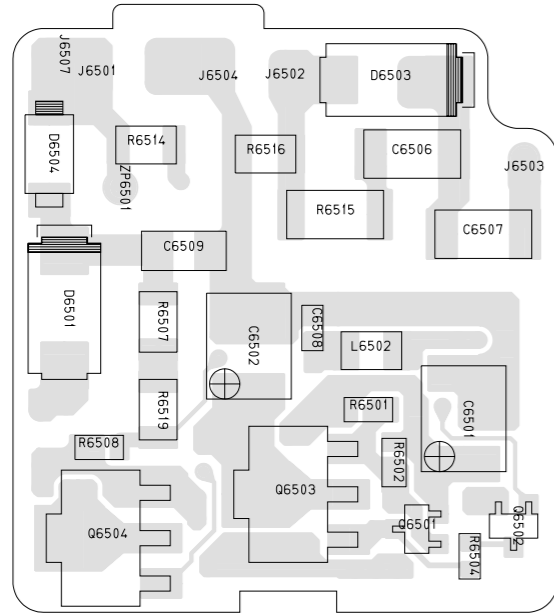
REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION		
CAPACITOR																	
C2101	B C 1D	C2210	A C 3C	C2605	A C 3D	CN805	A C 3B	Q2602	A C 2D	R2203	A C 3C	R2319	B C 3C	R2615	A C 3C		
C2102	B C 1D	C2212	A C 3C	C2606	A C 2D	DIODE		Q2701	A C 4B	R2204	A C 2C	R2320	B C 2D	R2616	A C 2C		
C2103	B C 1C	C2213	A C 3C	C2608	A C 2D	D2701	A C 4B	Q2751	A C 3B	R2205	A C 3C	R2321	B C 3C	R2617	A C 3C		
C2104	B C 1C	C2214	A C 3C	C2609	A C 3D	D2751	A C 4B	Q2752	A C 3B	R2206	A C 3C	R2322	B C 2D	R2618	A C 2C		
C2105	B C 1D	C2215	A C 3C	C2610	A C 2D	D2752	A C 4B	Q2753	A C 3B	R2207	A C 3C	R2323	B C 2D	R2619	A C 3C		
C2106	B C 1C	C2216	A C 3C	C2611	A C 3D	D2753	A C 4B	Q2754	A C 3B	R2208	A C 3C	R2324	B C 3D	R2620	A C 2C		
C2107	B C 1C	C2217	B C 2C	C2612	A C 2D	D2754	A C 4B	Q2755	A C 3B	R2209	A C 2C	R2325	B C 2D	R2621	A C 3C		
C2108	B C 2D	C2218	A C 2C	C2613	A C 3D	D2755	A C 4B	Q2756	A C 3B	R2210	A C 3C	R2326	B C 2D	R2622	A C 3C		
C2109	B C 2C	C2219	A C 2C	C2614	A C 2D	IC		Q2757	A C 4B	R2211	A C 3C	R2327	B C 2D	R2623	A C 2C		
C2110	B C 2C	C2220	A C 2C	C2615	A C 3D	IC2101	B C 2C	Q2758	A C 3B	R2212	B C 3C	R2328	B C 2D	R2624	A C 2C		
C2111	B C 2C	C2221	B C 2C	C2616	A C 2D	IC2151	B C 1C	Q2759	A C 3B	R2213	B C 2C	R2402	B C 3C	R2701	A C 4B		
C2151	B C 1D	C2222	B C 2C	C2617	A C 3D	IC2152	B C 1D	RESISTOR								R2772	A C 3B
C2152	B C 1D	C2223	A C 3C	C2618	A C 2D	IC2201	A C 3C	R2001	A C 2D	R2214	A C 2C	R2403	B C 3C	R2702	A C 4B		
C2153	B C 1C	C2224	A C 2C	C2619	A C 3C	IC2301	B C 3B	R2002	A C 2D	R2215	A C 2C	R2404	B C 3C	R2703	A C 4B		
C2154	B C 1C	C2301	B C 3C	C2620	A C 3D	IC2751	A C 3B	R2003	A C 2D	R2216	A C 2C	R2405	B C 3C	R2704	A C 4B		
C2155	B C 1D	C2303	B C 3C	C2621	A C 3C	IC2752	A C 3B	R2004	A C 2D	R2217	A C 2C	R2406	B C 2C	R2705	A C 4B		
C2156	B C 1C	C2304	B C 2D	C2622	A C 2C	COIL		R2101	B C 1D	R2218	A C 2C	R2408	B C 3C	R2706	A C 4B		
C2157	B C 1C	C2305	B C 3D	C2623	A C 3C	L2101	B C 2D	R2102	B C 1D	R2219	B C 2C	R2409	B C 3C	R2707	A C 4B		
C2159	B C 1C	C2306	B C 2D	C2624	A C 2C	L2401	B C 3C	R2151	B C 1D	R2220	B C 2C	R2410	B C 3C	R2708	A C 3B		
C2160	B C 1C	C2307	B C 2D	C2625	A C 3C	L2402	B C 3C	R2152	B C 1D	R2221	A C 3C	R2411	B C 3C	R2709	A C 3B		
C2161	B C 1C	C2308	B C 2D	C2626	A C 2C	L2601	A C 3D	R2153	B C 1C	R2222	A C 2C	R2412	B C 3C	R2753	A C 3B		
C2162	B C 1D	C2309	B C 2D	C2627	A C 2D	L2602	A C 3D	R2301	B C 1D	R2223	B C 2C	R2413	B C 3C	R2754	A C 3B		
C2163	B C 1C	C2310	B C 3D	C2701	A C 3D	L2603	A C 3D	R2302	B C 2C	R2224	B C 2C	R2414	B C 2C	R2755	A C 3B		
C2164	B C 1C	C2311	B C 2D	C2702	A C 4B	TRANSISTOR		R2303	B C 2C	R2225	B C 2C	R2415	B C 2C	R2756	A C 3B		
C2165	B C 1D	C2312	B C 2D	C2751	A C 3B	Q2151	B C 1D	R2304	B C 2D	R2226	A C 3C	R2416	B C 2C	R2757	A C 3B		
C2166	B C 1D	C2401	B C 2C	C2752	A C 3B	Q2201	A C 3C	R2305	B C 1C	R2227	B C 1D	R2417	A C 3C	R2758	A C 3B		
C2167	B C 1D	C2402	B C 2C	C2753	A C 3B	Q2202	A C 2C	R2306	B C 2D	R2228	B C 1D	R2418	A C 3C	R2759	A C 3B		
C2168	B C 1D	C2403	B C 2C	C2754	A C 3B	Q2301	A C 2C	R2307	B C 3C	R2229	B C 1D	R2419	A C 3C	R2760	A C 3B		
C2201	A C 3C	C2404	B C 2C	C2755	A C 3B	Q2302	B C 2D	R2308	B C 2D	R2230	B C 1D	R2420	A C 3C	R2761	A C 3B		
C2202	A C 2C	C2405	B C 2C	C2756	A C 3B	Q2303	B C 3C	R2309	B C 3D	R2231	B C 3D	R2421	A C 3C	R2762	A C 3B		
C2203	A C 3C	C2406	B C 2C	C2757	A C 3B	Q2401	B C 3C	R2310	B C 2D	R2232	B C 2D	R2422	A C 2D	R2763	A C 3B		
C2204	A C 2C	C2407	B C 2C	C2758	A C 3B	Q2402	B C 3C	R2311	B C 3D	R2233	B C 2D	R2423	A C 3D	R2764	A C 3B		
C2205	A C 3C	C2408	B C 3C	C2759	A C 3B	Q2403	B C 3C	R2312	B C 2D	R2234	B C 2D	R2424	A C 2D	R2765	A C 4B		
C2206	A C 2C	C2601	A C 3D	C2760	A C 3B	Q2404	B C 3C	R2313	B C 3D	R2235	B C 2D	R2425	A C 3D	R2766	A C 4B		
C2207	A C 3C	C2602	A C 3D	CONNECTOR				Q2405	B C 3C	R2314	B C 2D	R2426	A C 2D	R2767	A C 3B		
C2208	A C 3C	C2603	A C 2D	CN801	B C 1A	Q2406	B C 3C	R2315	B C 3D	R2236	B C 2D	R2427	A C 3D	R2768	A C 3B		
C2209	A C 3C	C2604	A C 2D	CN803	A C 2C	Q2601	A C 3C	R2316	B C 2D	R2237	B C 2D	R2428	A C 2D	R2769	A C 3B		
				CN804	A C 3D			R2317	B C 3D	R2238	B C 3D	R2429	A C 3D	R2770	A C 3B		
								R2318	B C 2D	R2239	B C 2D	R2430	A C 2D	R2771	A C 3B		

4.42 STROBE, W/B AND JACK CIRCUIT BOARDS

—STROBE—

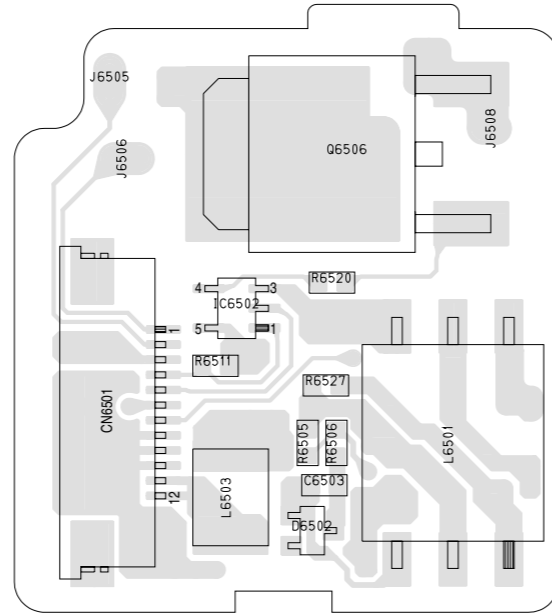
FOIL SIDE(B)

07 STROBE PWB
YB10249-01-01



COMPONENT SIDE(A)

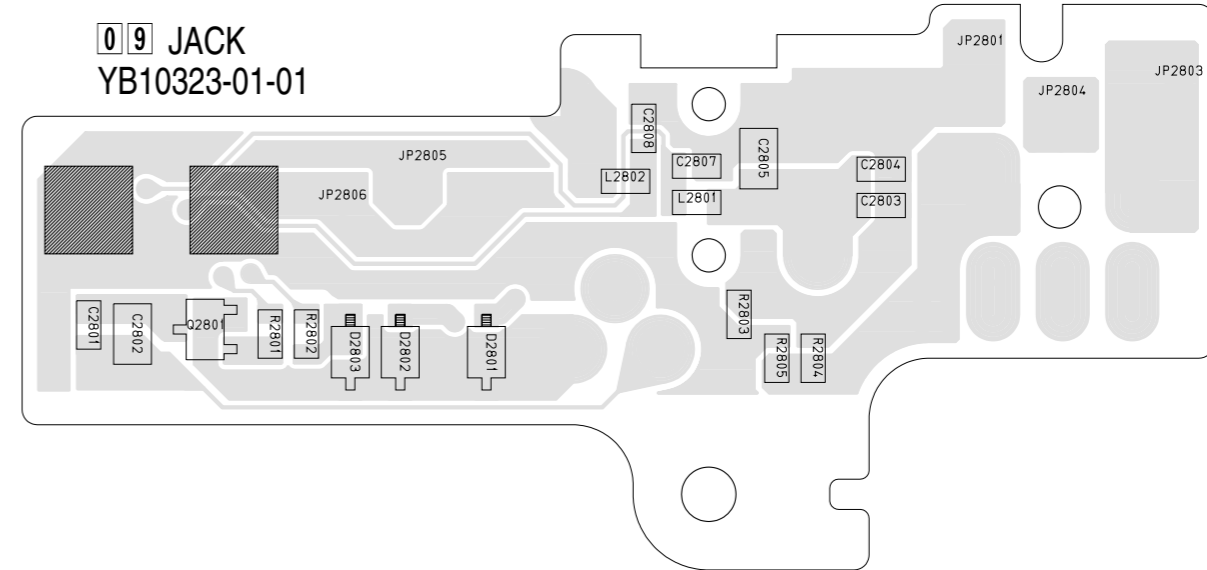
07 STROBE PWB
YB10249-01-01



—JACK—

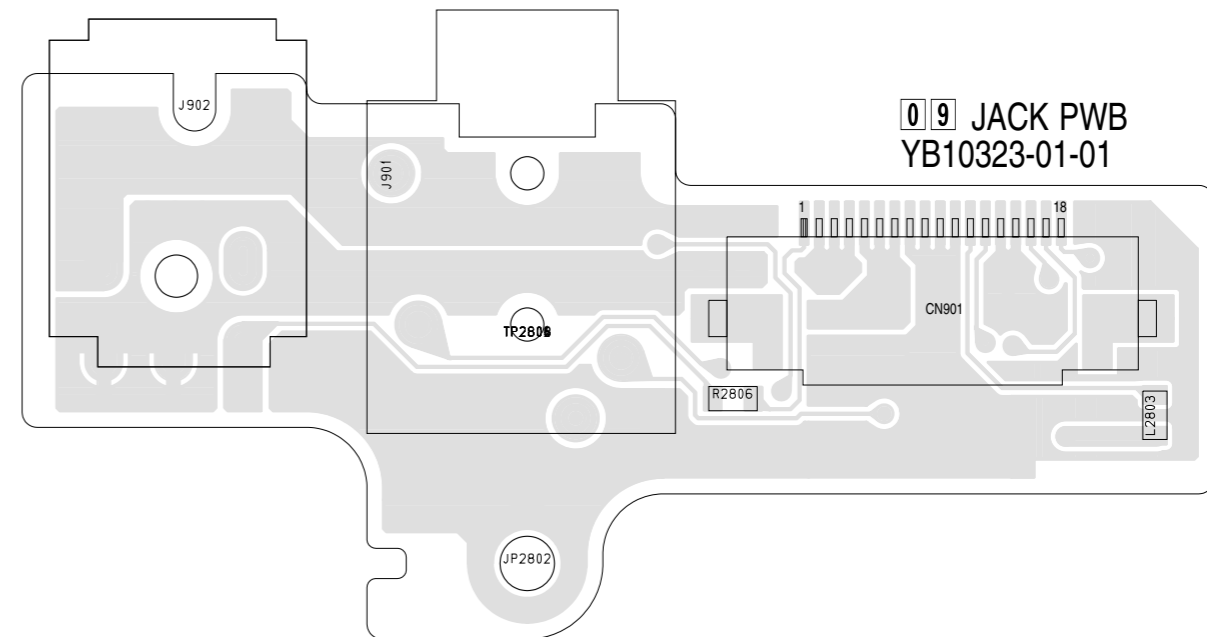
FOIL SIDE(B)

09 JACK
YB10323-01-01



COMPONENT SIDE(A)

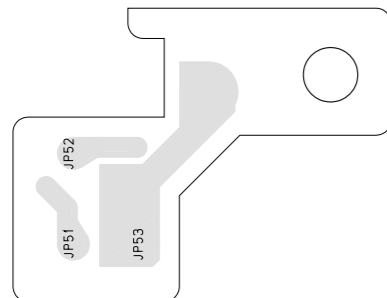
09 JACK PWB
YB10323-01-01



—W/B—

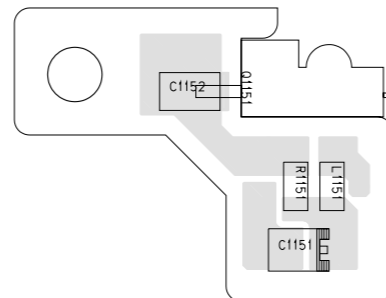
FOIL SIDE(B)

11 W/B PWB
YB10320-01-01



COMPONENT SIDE(A)

11 W/B PWB
YB10320-01-01



4.43 VOLTAGE CHARTS

<SYSCON>

MODE PIN NO.	REC	PLAY
IC1001	-	-
IC1002		
1	0	0
2	3.0	3.1
3	1.0	1.8
4	0	0
5	0	3.0
6	0.5	0.5
7	0.5	0
8	3.0	3.1
IC1003		
1	3.1	3.1
2	0.7	0
3	3.0	0
4	0	0
5	0.6	0.6
6	3.0	0
7	3.0	2.9
8	3.0	3.0
IC1004		
1	1.4	1.4
2	0	0
3	1.3	1.3
4	-	-
5	-	-
IC1005		
1	0	0
2	3.0	3.0
3	0	0
4	-	-
5	-	-
IC1006		
1	2.8	2.8
2	0	0
3	0	3.1
4	3.1	3.0
5	3.0	3.0
6	3.0	3.0
7	1.4	1.4
8	1.4	1.5
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	2.9	2.9
20	2.8	2.8
IC1007		
1	-	-
2	-	-
3	3.0	3.0
4	3.0	3.0
5	3.0	3.0
6	3.1	3.1
7	0	0
8	3.0	3.1
9	3.0	3.1
10	3.0	3.1
11	0	0
12	0	1.8
13	-	-
14	-	-
IC1008		
1	3.0	3.0
2	3.0	0
3	3.0	0
4	0	0
5	3.1	3.1
6	3.0	3.0
7	3.0	3.0
8	3.0	3.1
IC1009		
1	0	0
2	0	0
3	0	3.0
4	3.1	3.1
Q1001		
E	0	0

MODE PIN NO.	REC	PLAY
C	0	0
B	0	0
Q1002		
E	0	0
C	3.0	3.0
B	0.5	0.5
Q1003		
E	0	0
C	0	0
B	0	0
Q1004	-	-
Q1005	-	-
Q1006		
E	-	0
C	3.0	0
B	-	3.0
Q1007		
E	0	0
C	-	-
B	2.9	0

<W/B>

MODE PIN NO.	REC	PLAY
IC1101		
1	2.4	2.4
2	2.4	2.4
3	2.4	2.4
4	0	0
5	2.4	2.4
6	2.4	2.4
7	0	0
8	4.8	4.8

<PC IF>

MODE PIN NO.	REC	PLAY
IC1301	-	-
IC1302	-	-
IC1303		
1	0	0
2	3.1	3.1
3	0	0
4	0	0
5	0	0
6	3.1	3.1
7	0	0
8	0	0
9	0	0
10	0	3.0
11	0	0
12	0	0
13	3.1	3.1
14	3.1	3.1
Q1301		
E	0	0
C	0	0
B	0	0

<SERVO>

MODE PIN NO.	REC	PLAY
IC1401	-	-
IC1402	-	-
IC1403		
1	3.0	3.0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	3.0	3.0

MODE PIN NO.	REC	PLAY
8	3.0	3.0
IC1404	-	-
Q1401		
E	3.0	0
C	3.0	3.0
B	3.0	3.0
Q1402	-	-
Q1403	-	-
Q1404		
E	0	0
C	0	0
B	3.0	3.0

<DVMAIN>

MODE PIN NO.	REC	PLAY
IC3001	-	-
IC3002		
1	0	0.4
2	0	0.4
3	0	0
4	0.7	1.4
5	0.6	0
6	3.0	0
7	0	0
8	3.0	3.0
IC3003		
1	3.0	3.0
2	1.0	1.0
3	0	0
4	0	0
5	0	0
6	0.9	1.4
7	2.3	2.3
8	3.0	3.0
IC3004		
1	0	3.0
2	0	0
3	0	0
4	0.6	3.0
5	3.0	3.0
IC3006		
1	3.0	3.0
2	0	0
3	0	0
4	0	0
5	3.0	3.0
6	0	0
7	1.3	1.3
8	0	1.6
9	1.4	0
10	0	0
11	0	0
12	3.0	3.0
13	0	0
14	0	0
15	0	0.8
16	0	0

<PRE/REC>

MODE PIN NO.	REC	PLAY
IC3501		
1	0	0
2	1.1	1.1
3	0	0
4	0.9	1.5
5	2.5	2.5
6	2.3	1.5
7	1.4	0
8	0	0
9	1.3	3
10	1.6	1.6
11	3.0	3.0
12	0	0

MODE PIN NO.	REC	PLAY
13	4.8	4.8
14	0	0
15	0	0
16	0	0
17	0	0
18	3.7	1.7
19	3.5	1.7
20	3.5	1.7
21	3.7	1.7
22	0	0
23	3.7	1.7
24	3.5	1.7
25	3.4	1.7
26	3.7	1.7
27	0	1.7
28	1.9	0
29	3.5	2.2
30	3.5	1.7
31	1.9	2.1
32	0	0
33	0	0
34	0	0
35	1.8	1.8
36	0.4	0.4
37	3.0	3.0
38	0	3.0
39	3.0	3.0
40	1.5	1.5
41	0	2.9
42	3.0	0
43	4.8	4.8
44	3.0	0
45	0	0
46	0	2.0
47	0	2.1
48	4.7	3.1
49	4.4	2.8
50	0.5	1.6
51	1.2	1.2
52	0.8	1.6
53	0	0
54	3.1	2.7
55	2.5	1.9
56	1.1	1.1
57	2.5	1.9
58	2.5	1.3
59	0	0
60	1.2	1.2
61	3.4	1.9
62	2.5	1.9
63	2.5	1.3
64	2.5	1.9

<V OUT>

MODE PIN NO.	REC	PLAY
IC3701		
1	2.0	2.0
2	2.0	2.0
3	4.8	4.8
4	1.7	1.7
5	0	0
6	4.8	4.8
IC3702		
1	2.0	1.9
2	2.1	1.9
3	4.8	4.8
4	1.7	1.7
5	0	0
6	3.1	3.0
IC3703		
1	0	0
2	2.2	2.2
3	4.8	4.8
4	1.8	1.8
5	0	0
6	0	1.8

MODE PIN NO.	REC	PLAY
Q3701		
1(E)	1.0	0.9
2(E)	1.1	1.1
3(B)	0.5	0.6
4(C)	0	0
5(B)	0.4	0.5
6(C)	0	0
Q3702		
E	2.7	2.6
C	0	0
B	2.1	2.0
Q3703	-	-
Q3704	-	-

<ANA IN>

MODE PIN NO.	REC	PLAY
IC3901	-	-
IC3951	-	-
Q3951	-	-
Q3952	-	-
Q3953	-	-
Q3954	-	-

<CAM DSP>

MODE PIN NO.	REC	PLAY
IC4201		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	0	0
14	0	0
15	3.0	3.0
16	1.3	1.2
17	0	2.8
18	0	2.2
19	0	0
20	0	2.5
21	0	0
22	0	0
23	3.0	3.0
24	0	0
25	0	0
26	2.0	2.0
27	1.5	1.3
28	2	0
29	1.9	0
30	0	0
31	3.0	3.0
32	2.0	0.9
33	1.0	0.5
34	1.5	0
35	1.2	0
36	0	0
37	0	0
38	3.8	3.0
39	0	0
40	0	0
41	3.0	3.0
42	0	0
43	3.0	3.0
44	3.0	3.0
45	0.9	1.8

MODE PIN NO.	REC	PLAY
46	3.0	3.0
47	0	0
48	0	0
IC4202		
1	4.8	4.8
2	0	0
3	1.2	1.2
4	3.0	3.0
5	4.8	4.8
IC4301	-	-
IC4302		
1	0	0
2	0	0
3	1.4	1.7
4	0	0.6
5	0	0.7
6	0.5	0.7
7	0	0
8	0	0.6
9	1.1	1.6
10	1.9	2.0
11	1.7	1.1
12	1.5	0
13	1.5	1.1
14	1.6	1.1
15	1.3	1.3
16	0	0
17	2.6	2.6
18	2.8	2.8
19	3.0	3.0
20	0	0
21	3.0	3.0
22	2.6	2.6
23	2.6	2.6
24	0	0
25	1.3	1.3
26	1.7	1.4
27	1.6	1.5
28	1.5	1.5
29	2.4	1.5
30	2.5	1.8
31	0.9	1.6
32	0.6	1.7
33	0.4	1
34	0.9	1.7
35	0.8	1.7
36	0.7	1.4
37	1.6	1.6
38	0	0
IC4303		
1	0	0
2	0	0
3	1.4	1.4
4	1	1.4
5	1	1.4
6	0	1.3
7	0	0.5
8	1.8	1.3
9	1.4	1.3
10	1.7	1.8
11	1.5	1.2
12	0	0
13	1.7	1.1
14	1.7	0
15	1.3	1.3
16	0	0
17	0	0
18	0	0
19	3.0	3.0
20	0	0
21	3.0	3.0
22	0	0
23	0	0
24	0	0
25	0	1.2
26	1.8	1.4
27	1.8	1.5
28	1.8	1.5</

MODE PIN NO.	REC	PLAY
14	3.0	3.0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	3.0
26	3.0	3.0
27	0	0
28	3.0	3.0
29	0	3.0
30	0	0
31	0	0
32	0	0
33	3.0	3.0
34	3.0	0
35	3.0	3.0
36	3.0	3.0
37	3.0	3.0
38	3.0	3.0
39	3.0	3.0
40	3.0	3.0
41	3.0	3.0
42	3.0	3.0
43	3.0	3.0
44	3.0	3.0
45	3.0	3.0
46	0	0
47	3.0	3.0
48	0	0
IC8005		
1	3.0	3.0
2	3.0	0
3	0	1.2
4	0	2.5
5	3.0	3.0
IC8006		
1	3.0	3.0
2	0	3.0
3	1.2	0
4	2.5	0
5	3.0	3.0
IC8007		
1	4.8	4.8
2	0	0
3	1.2	1.2
4	0	3.2
5	4.8	4.8
IC8008		
1	1.0	1.0
2	1.0	1.0
3	3.0	3.0
4	0	0
5	0	0
6	1.5	1.5
7	1.5	1.5
8	3.0	3.0
IC8009		
1	1.4	1.4
2	3.0	3.0
3	0	0
4	0	0
5	3.0	3.0
6	3.0	3.0
7	3.0	3.0
8	3.0	3.0
IC8010		
1	3.0	3.0
2	3.0	3.0
3	0	0
4	3.0	3.0
5	3.0	3.0
IC8011		
1	1.3	1.4
2	3.0	3.0
3	0	0
4	0	0
5	3.0	3.0

MODE PIN NO.	REC	PLAY
6	3.0	3.0
7	3.0	3.0
8	3.0	3.0
IC8012		
1	3.0	3.0
2	3.1	3.0
3	3.0	3.0
4	0	0
5	3.0	3.0
6	0	0
7	0	3.0
8	3.0	3.0

<MP3>		
MODE PIN NO.	REC	PLAY
IC8101	-	-
IC8102	-	-
IC8103		
1	0	0
2	1.5	1.5
3	0	0
4	1.6	0
5	3.0	3.0

<USB DRV>		
MODE PIN NO.	REC	PLAY
IC8401	-	-
IC8402		
1	0	0
2	0	0
3	0	0
4	0	0
Q8401		
E	3.2	3.1
C	0	0.5
B	3.1	3.2

<MDA>		
MODE PIN NO.	REC	PLAY
IC1601		
1	0	0
2	0.8	0.8
3	0.8	0.8
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	4.8
15	0	0
16	0.4	0
17	0	0
18	0	0.4
19	0	0
20	0.4	0.4
21	0	0
22	0	0
23	0.9	0
24	11.1	11.0
25	1.5	1.5

MODE PIN NO.	REC	PLAY
26	1.5	0
27	1.5	1.5
28	0	1.5
29	0	1.5
30	0	1.5
31	1.5	1.5
32	0	0
33	1.5	1.5
34	0	1.4
35	3.0	3.0
36	3.0	3.0
37	0	0
38	0.7	0.7
39	0	0.7
40	0	1.0
41	1.6	1.6
42	0	0
43	3.0	3.0
44	0	0
45	0	0
46	0	0
47	3.0	3.0
48	0	0
49	3.0	0
50	1.9	2.0
51	0	0
52	1.5	1.5
53	1.1	0
54	0	0.4
55	0.7	0
56	0.7	0.7
57	1.0	1.0
58	0	0.6
59	0	0
60	1.0	1.0
61	2.6	2.6
62	1.2	0
63	1.5	0
64	0	1.5
65	1.5	1.5
66	1.5	1.5
67	1.5	1.5
68	0	0.4
69	0	0
70	0.9	0
71	0.9	0.8
72	0	0.8
73	0.8	0.8
74	1.2	1.2
75	0.4	0.4
76	0	0
77	11.0	11.0
78	1.7	1.7
79	0	0
80	0	0
Q1601		
1	0	0
2	0	0
3	4.8	4.8
4	0	0
5	4.8	4.8

<IR TALLY>		
MODE PIN NO.	REC	PLAY
IC1801		
1	4.8	4.8
2	4.0	4.0
3	0	0
4	0	0

<OP DRIVER>		
MODE PIN NO.	REC	PLAY
IC4802	2.5	2.5
1	2.2	2.2
2	0	2.2
3	0	0
4	2.1	2.1
5	2.2	2.2
6	0	2.2
7	4.8	4.8
8	0	0
IC4803		
1	1.0	1.0
2	0	0
3	0	0
4	0	0
5	2.1	2.2
6	2.1	2.2
7	0.6	3.3
8	4.8	4.8
IC4804		
1	0	0
2	0	3.0
3	0	3.0
4	0	0
5	0.9	3.0
6	0.9	3.0
7	2.8	0
8	4.8	4.8
IC4806		
1	0.4	3.0
2	0.4	3.0
3	0.4	3.0
4	0	0
5	3.0	3.0
6	2.6	0
7	2.6	0
8	3.0	3.0
IC4807		
1	1.6	3.0
2	1.6	3.0
3	4.8	4.8
4	0	0
5	1.6	3.0
6	0	0
7	4.8	4.8
8	4.8	4.8
IC4851		
1	0	0
2	0.5	0
3	0	0.4
4	0.4	0
5	0	0.4
6	0	0
7	0	0
8	3.0	3.0
9	4.8	4.8
10	1.0	0
11	0	0
12	1.0	0
13	4.8	4.8
14	1.2	0
15	0	0
16	1.1	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	4.8	4.8
24	0	0
25	0	0
26	0	0
27	4.8	4.8
28	0	0
29	0	0
30	0	0
31	3.0	3.0
32	0	0
33	0	0
34	0	1.8
35	3.1	3.1
36	1.5	1.5
37	1.5	1.4

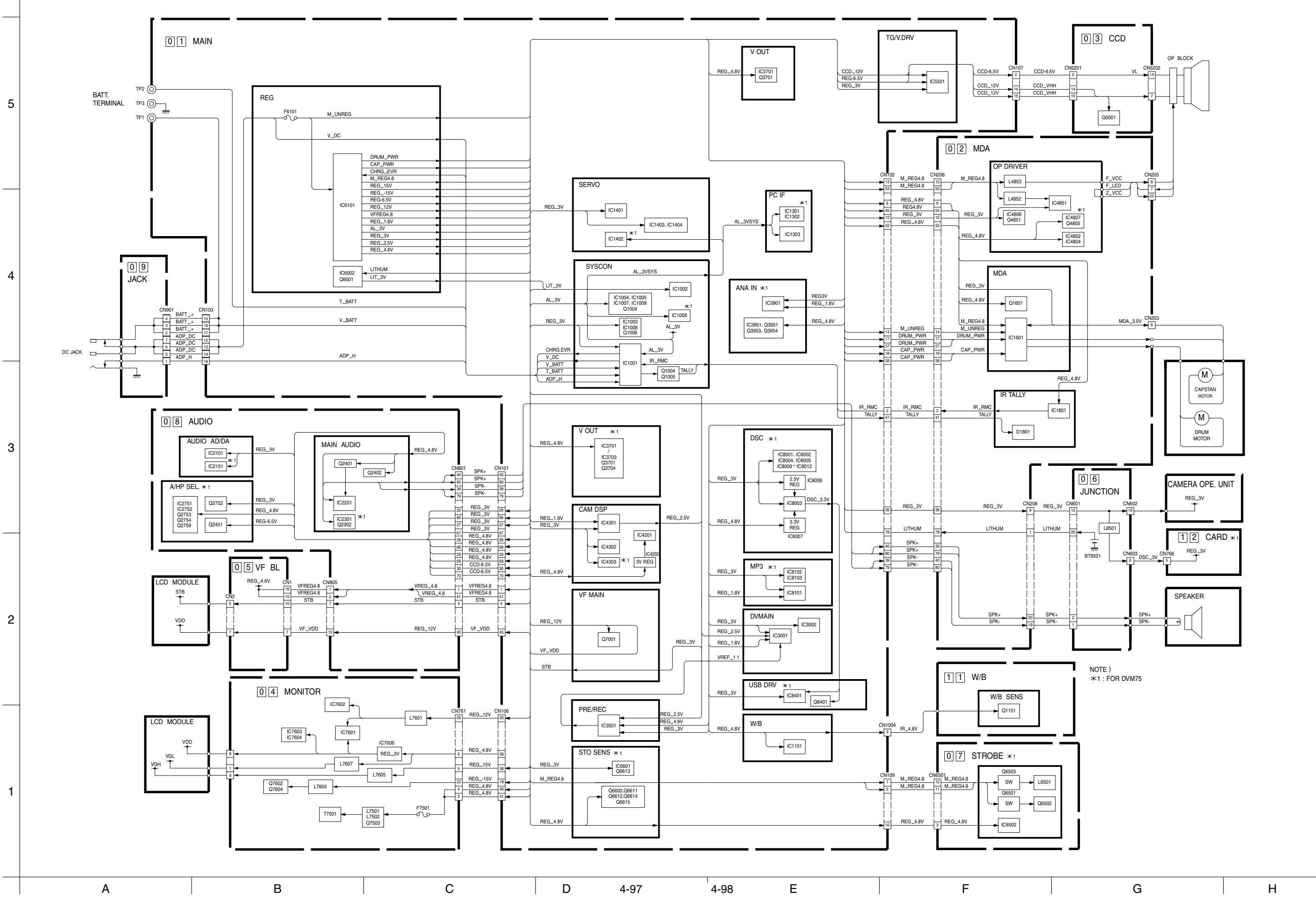
MODE PIN NO.	REC	PLAY
38	3.0	3.1
Q4801		
E	0	0
C	0	1.8
B	1.0	1.0
Q4802		
E	0	0
C	1.6	3.0
B	0	0
Q4803		
E	0	0
C	4.8	4.8
B	0	0
Q4804		
E	0	4.8
C	1.6	3.0
B	4.8	4.8
Q4805		
E	4.8	4.8
C	1.6	3.0
B	4.8	4.8
Q4851		
E	0	0
C	3.9	3.7
B	0	0

<AUDIO AD/DA>		
MODE PIN NO.	REC	PLAY
IC2101		
1	1.3	0
2	0	0
3	1.4	0
4	0	0
5	3.0	3.0
6	3.0	3.1
7	0	0
8	0	0
9	1.4	1.3
10	1.5	1.5
11	1.4	1.4
12	0	1.5
13	3.0	0
14	0	3.1
15	2.0	1.4
16	1.9	1.3
IC2151		
1	0	0
2	0	0
3	1.2	-
4	0	0
5	3.0	3.0
6	0	3.0
7	0	0
8	0	0
9	0	0
10	1.5	1.5
11	1.6	1.6
12	1.5	1.5
13	0	0
14	0	0
15	0	0
16	0	0
Q2151		
1(E)	0	0
2(B)	0	0
3(C)	0	0
4(E)	0	0
5(B)	0	0
6(C)	0	0

<MAIN AUDIO>		
MODE PIN NO.	REC	PLAY
IC2201		
1	1.4	0
2	1.4	0
3	1.4	0.5
4	1.4	0
5	1.4	0
6	1.4	1.6
7	0	0
8	2.1	2.3
9	2.1	2.3
10	0	0
11	1.4	1.6
12	1.4	1.0
13	1.4	1.6
14	1.4	0.5
15	1.4	0
16	0	0.5
17	1.4	1.6
18	1.4	1.6
19	1.4	1.0
20	1.4	0.8
21	1.4	0
22	2.6	2.9
23	1.4	0
24	1.4	0
25	2.5	2.1
26	1.0	0.5
27	2.2	0
28	2.2	2.2
29	2.4	2.2
30	2.2	2.2
31	2.2	2.2
32	2.2	2.2
33	4.8	4.8
34	4.7	4.7
35	0	0
36	2.4	2.4
37	4.7	4.7
38	2.2	2.2
39	1.8	1.8
40	0	0
41	3.1	3.1
42	0	0
43	0	2.2
44	0	3.0
45	1.4	1.6
46	0	0
47	2.4	0
48	2.2	2.6
49	1.4	0
50	1.4	1.6
51	1.4	1.6
52	1.6	0
53	1.6	0
54	0	3.1
55	0	0
56	2.4	0
57	1.4	0
58	1.4	0.5
59	2.6	2.9
60	0	0.5
61	1.4	0.7
62	1.4	0.8
63	1.4	1.6
64	1.4	1.6
IC2301		
1	2.4	0
2	0	2.4
3	0	2.3
4	0	0
5	2.2	0
6	0	2.3
7	2.3	2.3
8	4.6	4.6
Q2302		
E	1.3	1.3
C	4.6	4.6
B	1.9	1.9
Q2401		
E	2.6	0
C	4.8	4.8
B	3.3	3.6
Q2402		

MODE PIN NO.	REC	PLAY
E	4.8	0
C	4.8	4.8
B	4.1	4.1</

4.44 POWER SYSTEM BLOCK DIAGRAM



NOTE)
*1 : FOR DVM75

4.45 VIDEO SYSTEM BLOCK DIAGRAM

