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.

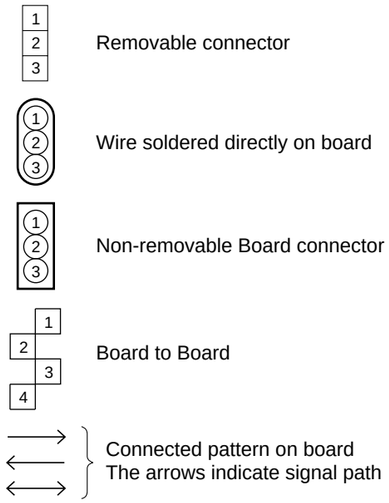
1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).
   Chip resistors are 1/16 W.
   K: KΩ (1000Ω), M: MΩ (1000KΩ)
2) All capacitance values are in μF, (P: PF).
3) All inductance values are in μH, (m: mH).
4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

2. Indications of control voltage

AUX : Active at high.

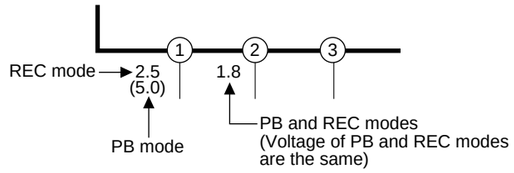
$\overline{\text{AUX}}$ or AUX(L) : Active at low.

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.

Playback signal path

Playback and recording signal path

Recording signal path
(including E-E signal path)

Capstan servo path

Drum servo path

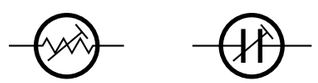
(Example)

R-Y Playback R-Y signal path

Y Recording Y signal path

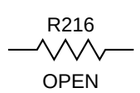
6. Indication of the parts for adjustments

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



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

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



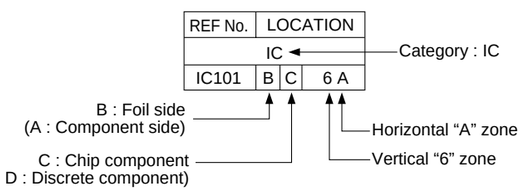
CIRCUIT BOARD NOTES

1. Foil and Component sides

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

2. Parts location guides

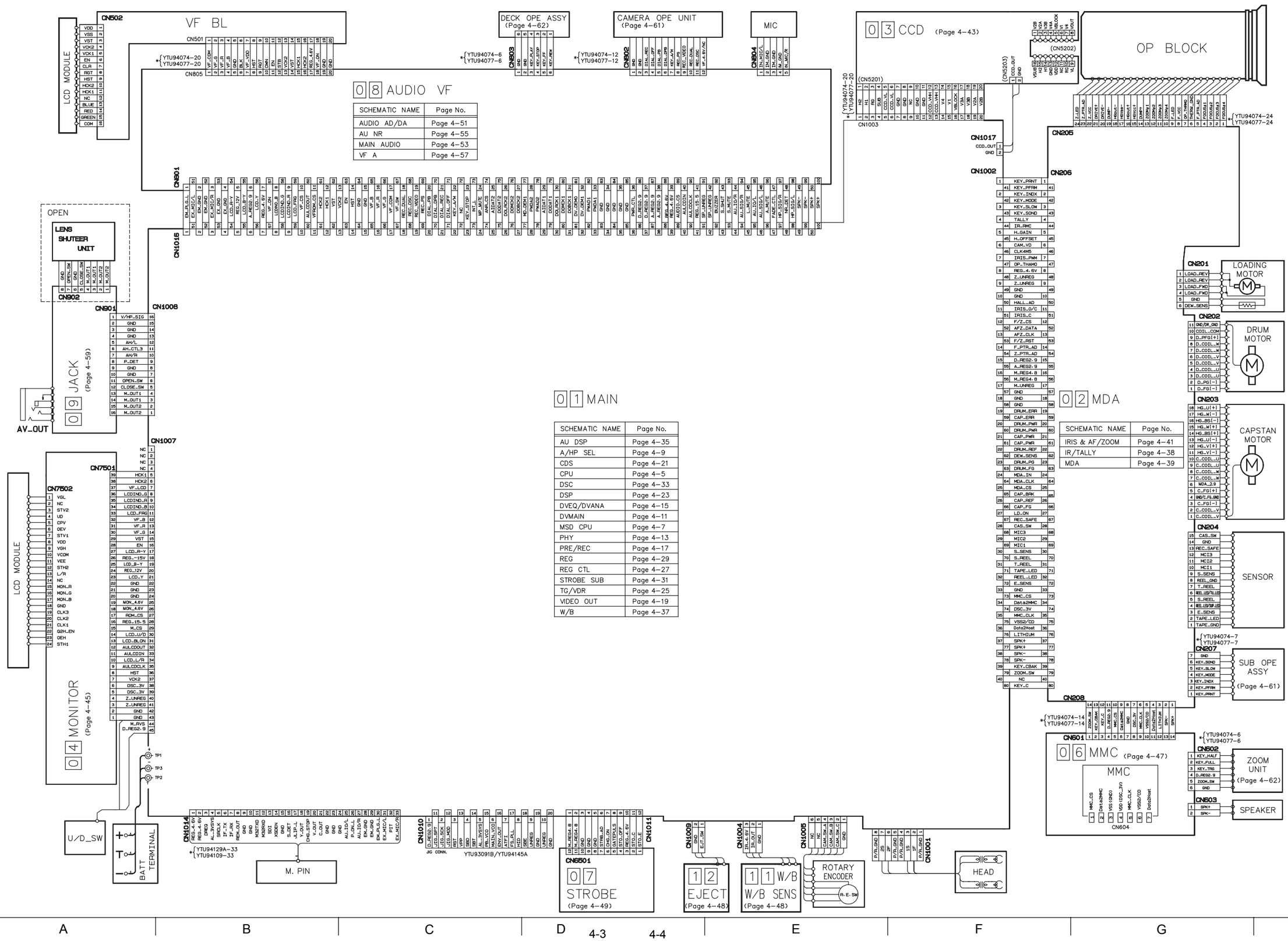
Parts location are indicated by guide scale on the circuit board.



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

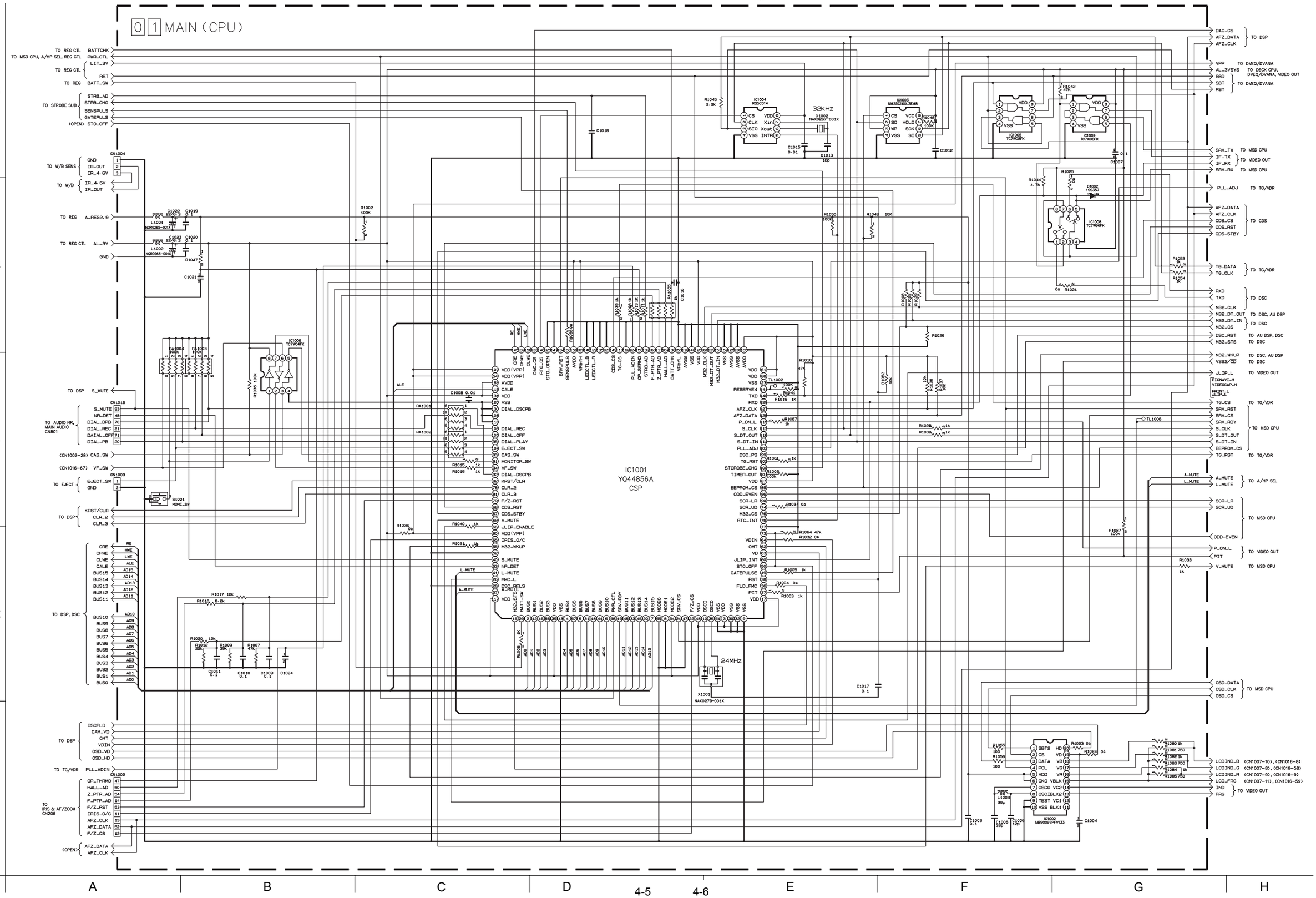
4.1 BOARD INTERCONNECTIONS

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



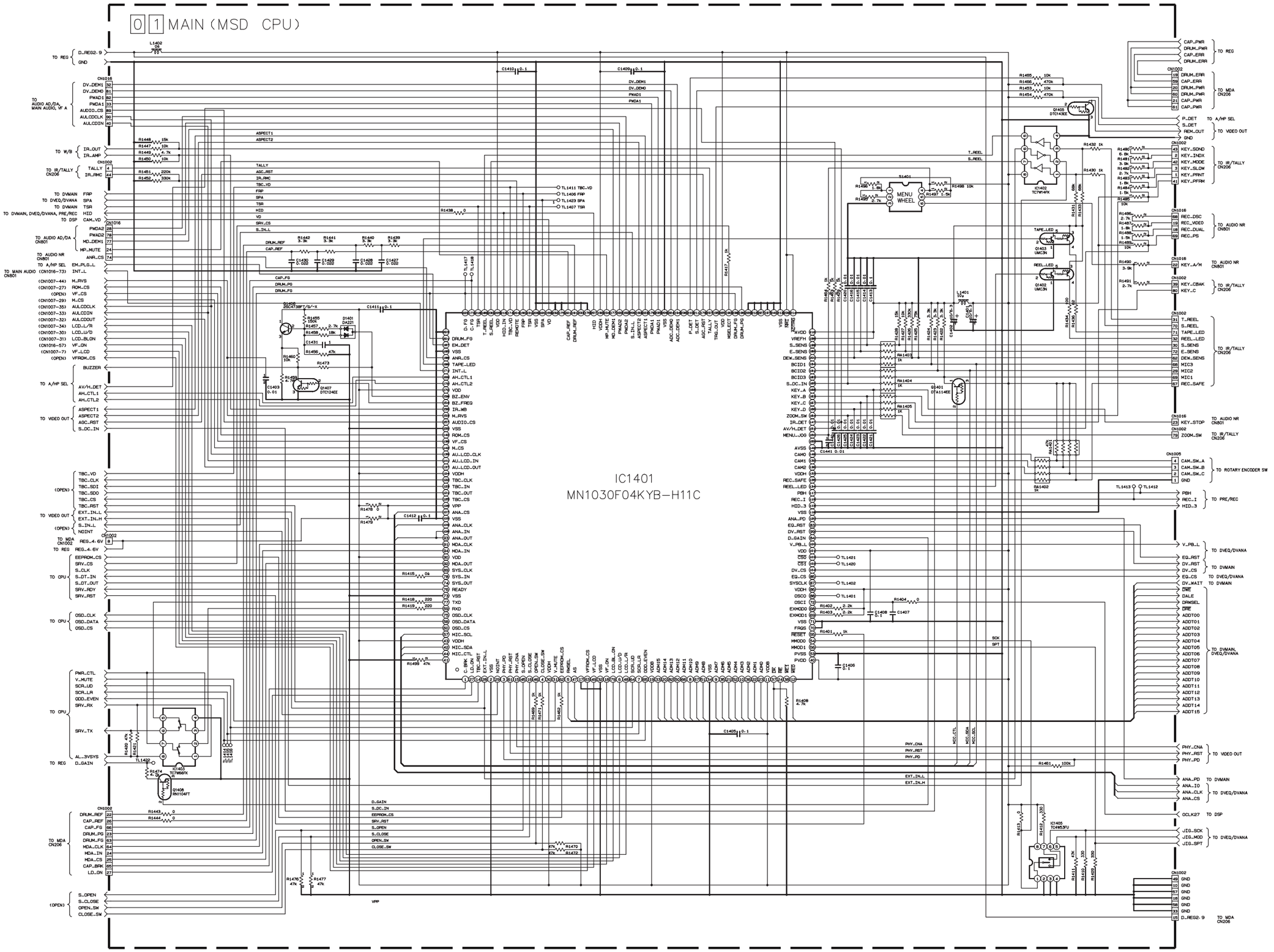
4.2 CPU SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



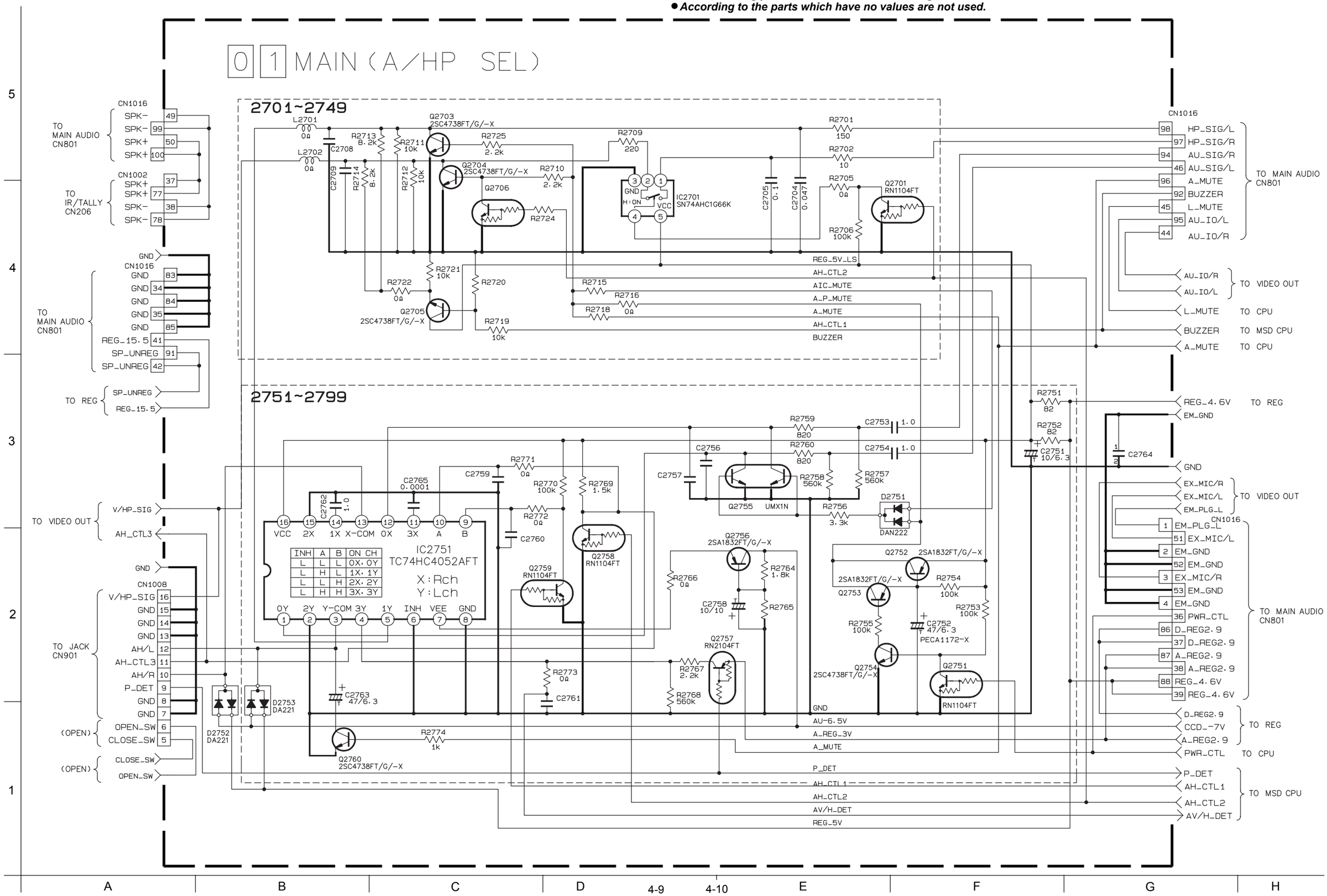
4.3 MSD CPU SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



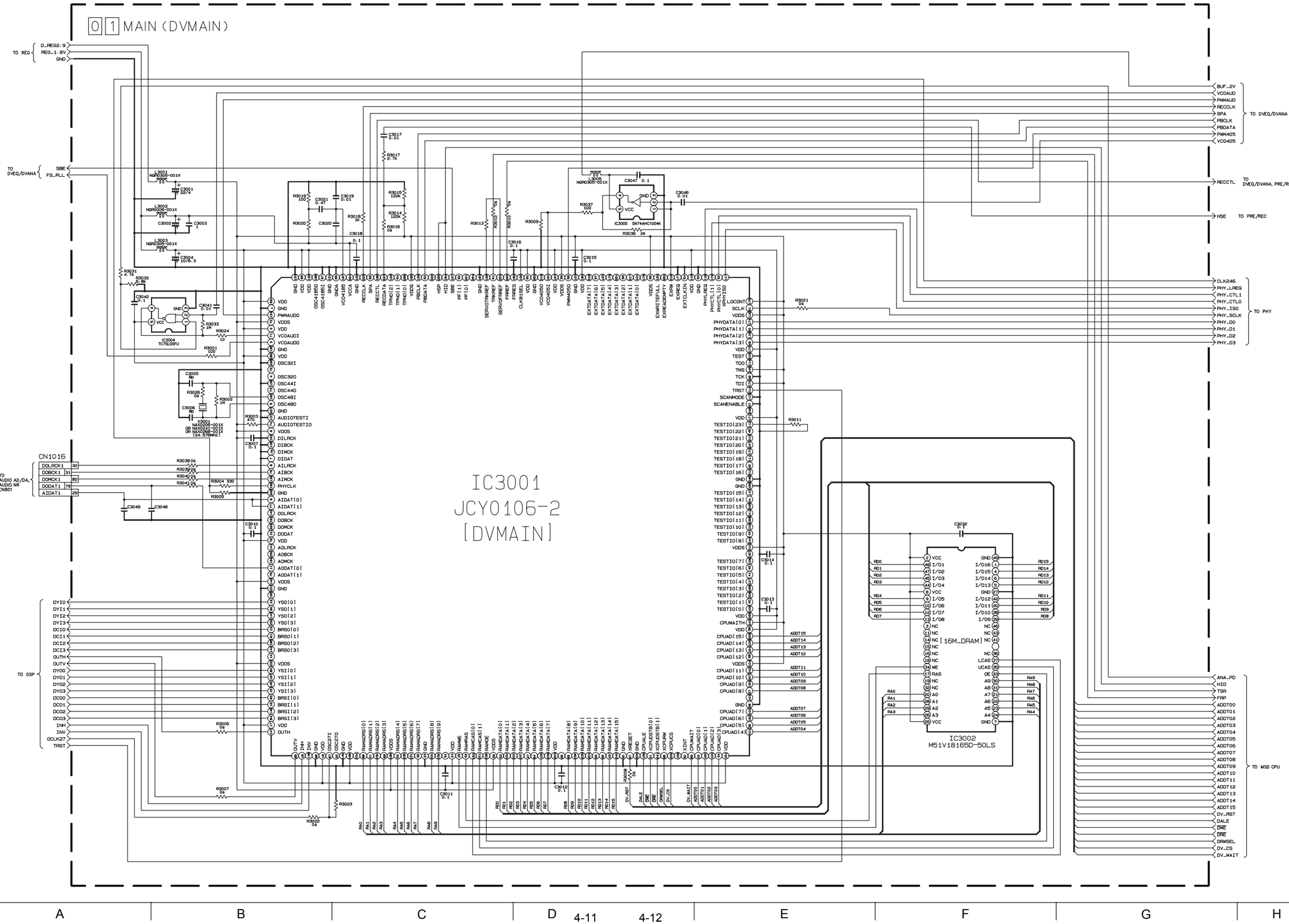
4.4 A/HP SEL SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



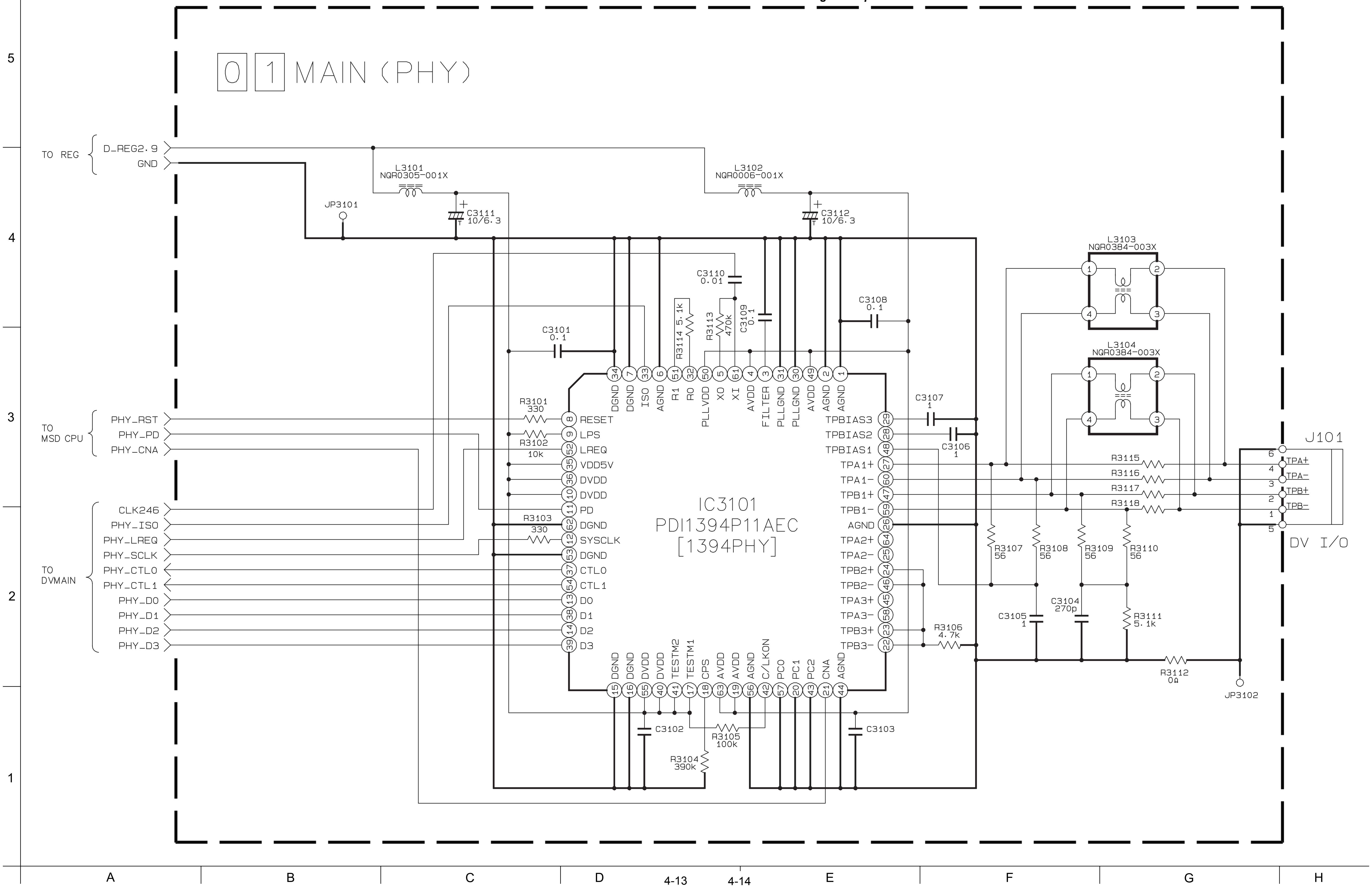
4.5 DVMAIN SCHEMATIC DIAGRAM

NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***



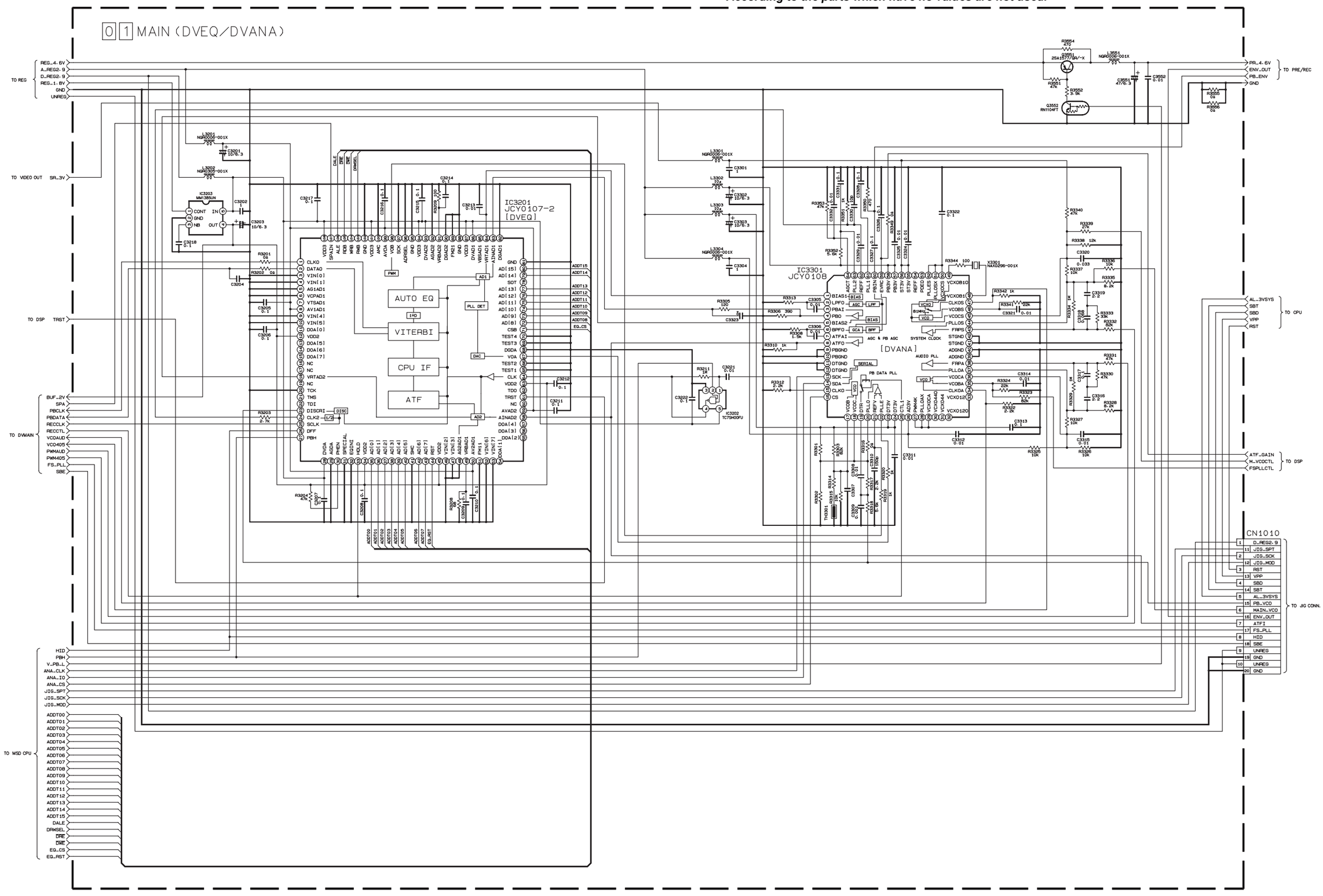
4.6 PHY SCHEMATIC DIAGRAM

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.*
- *According to the parts which have no values are not used.*



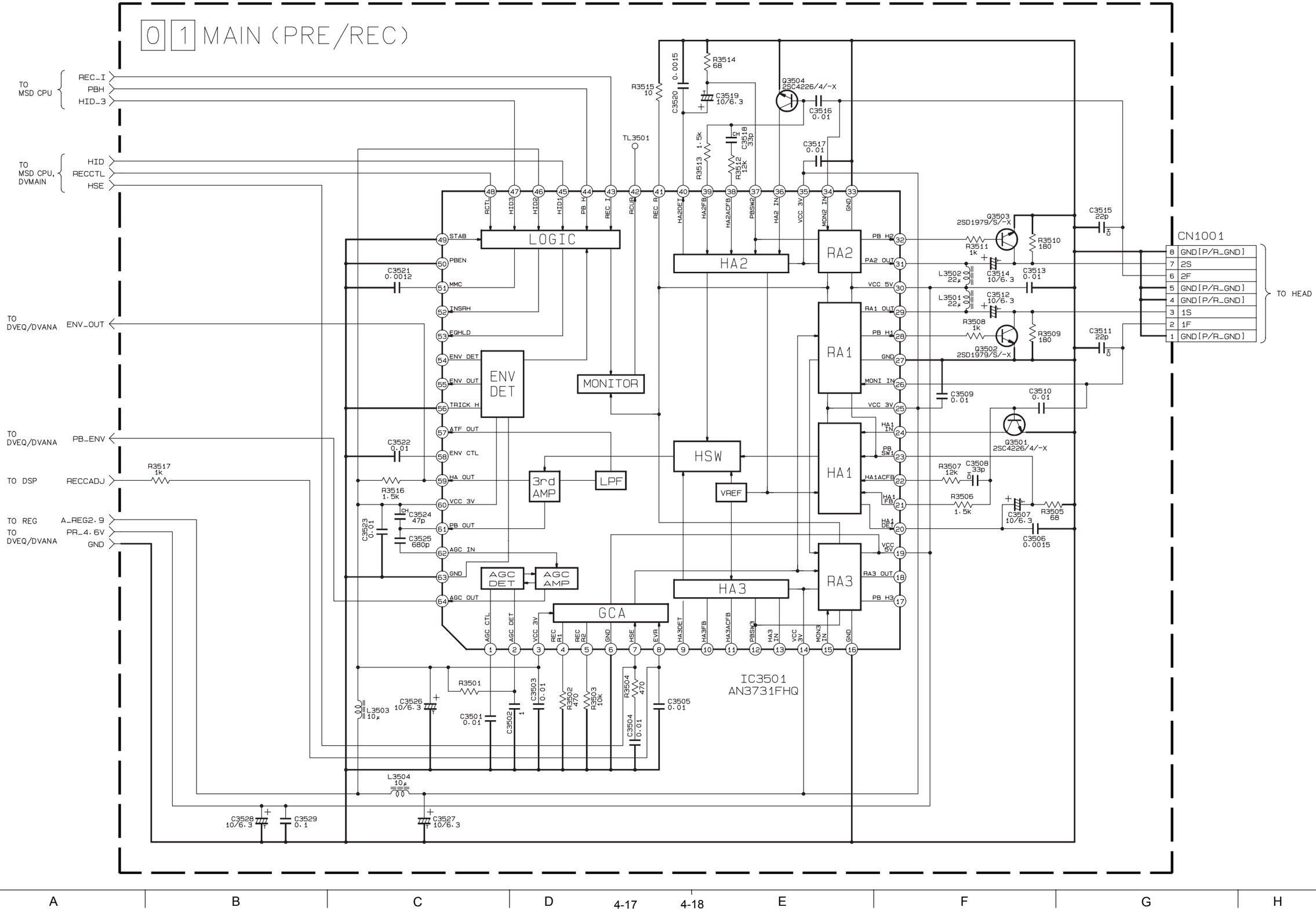
4.7 DVEQ/DVANA SCHEMATIC DIAGRAM

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.*
- *According to the parts which have no values are not used.*



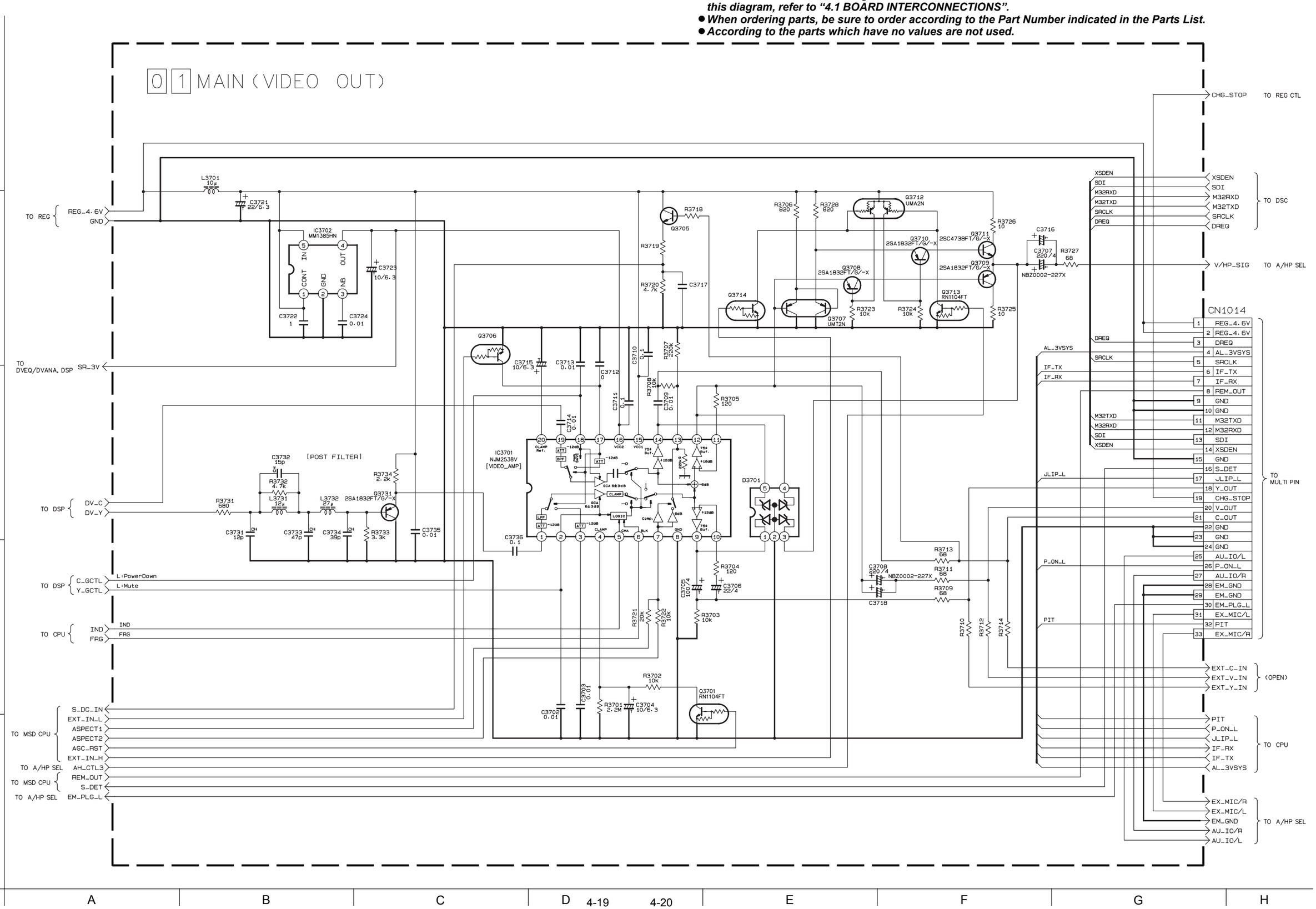
4.8 PRE/REC SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



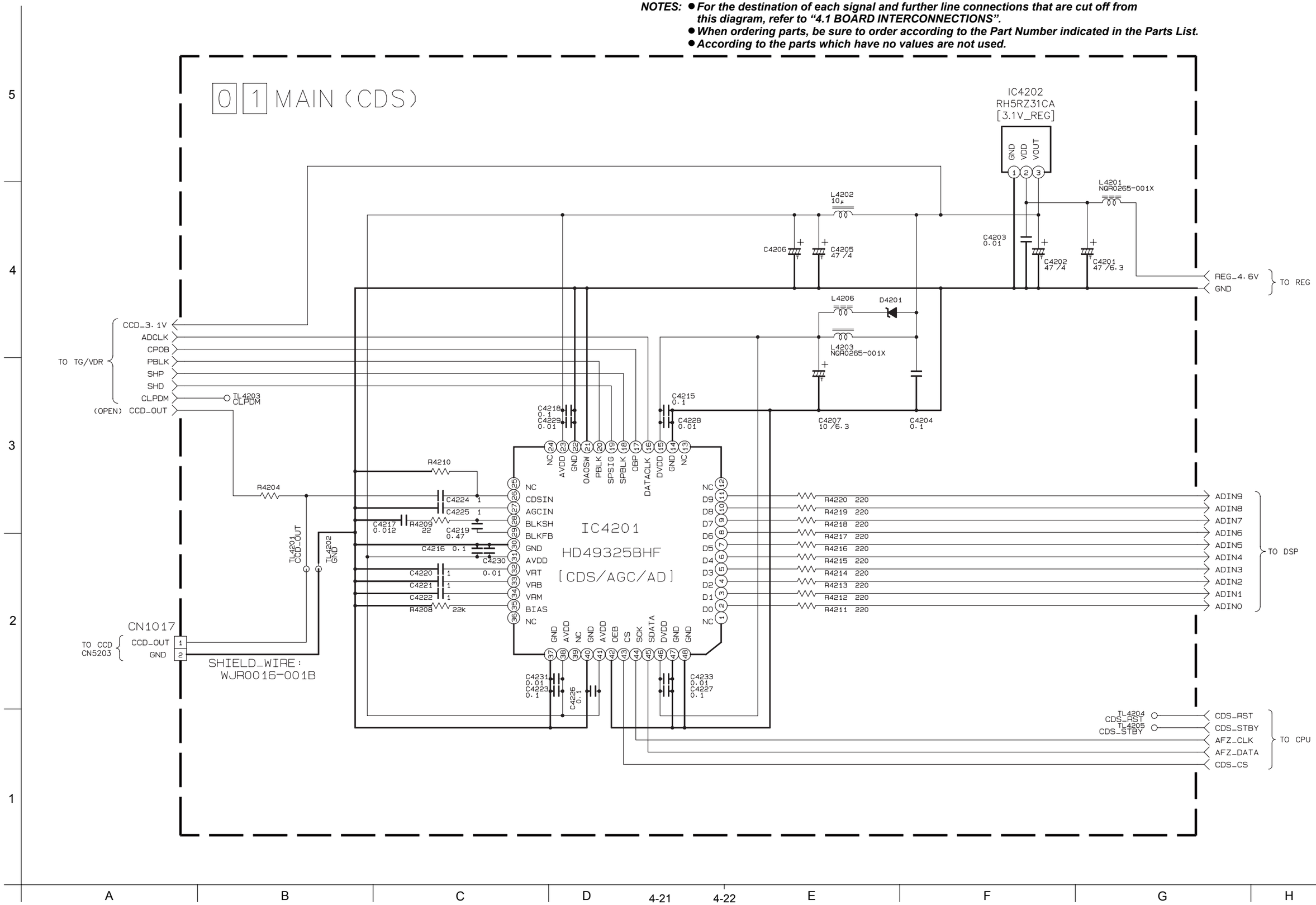
4.9 VIDEO OUT SCHEMATIC DIAGRAM

NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***



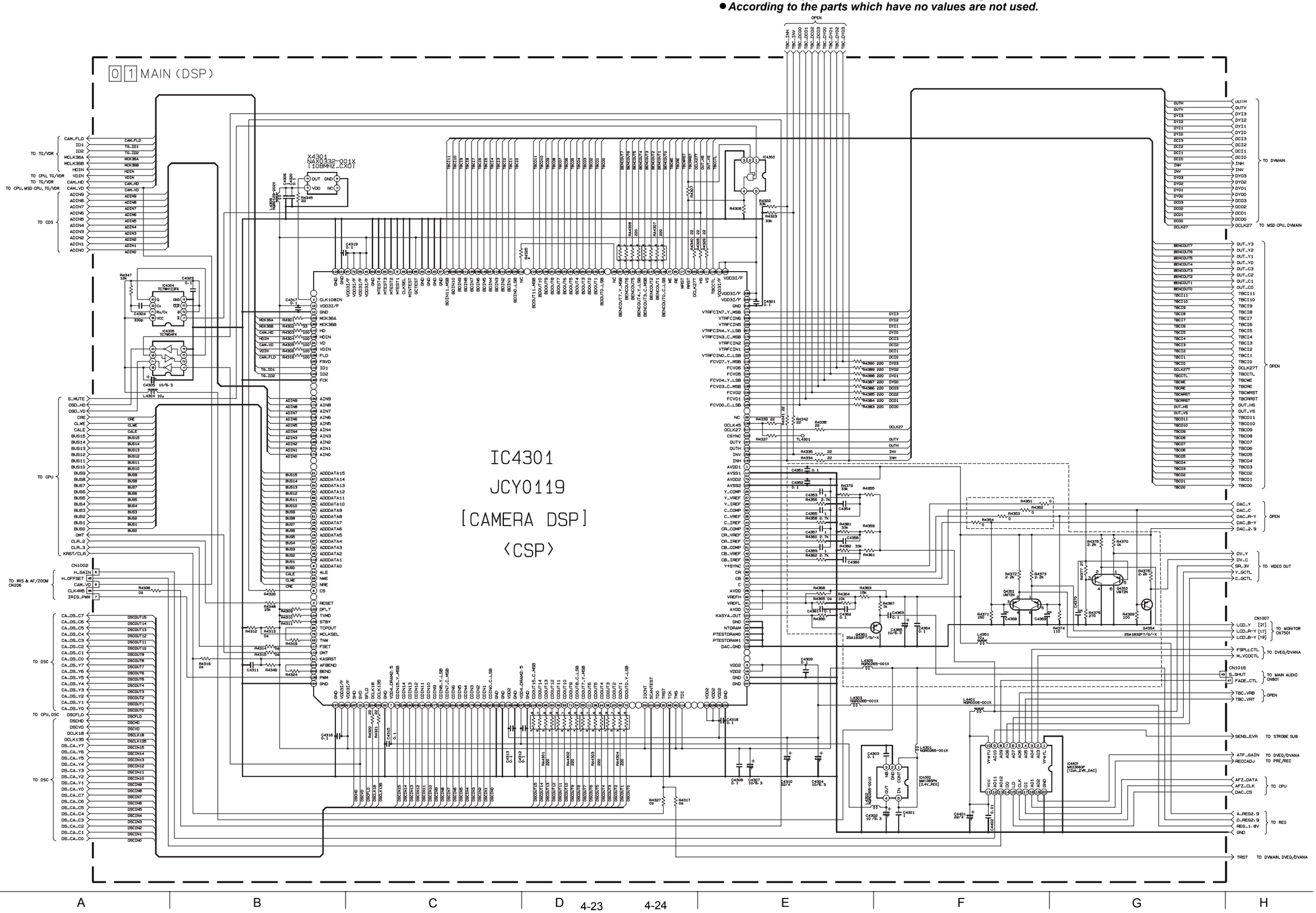
4.10 CDS SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



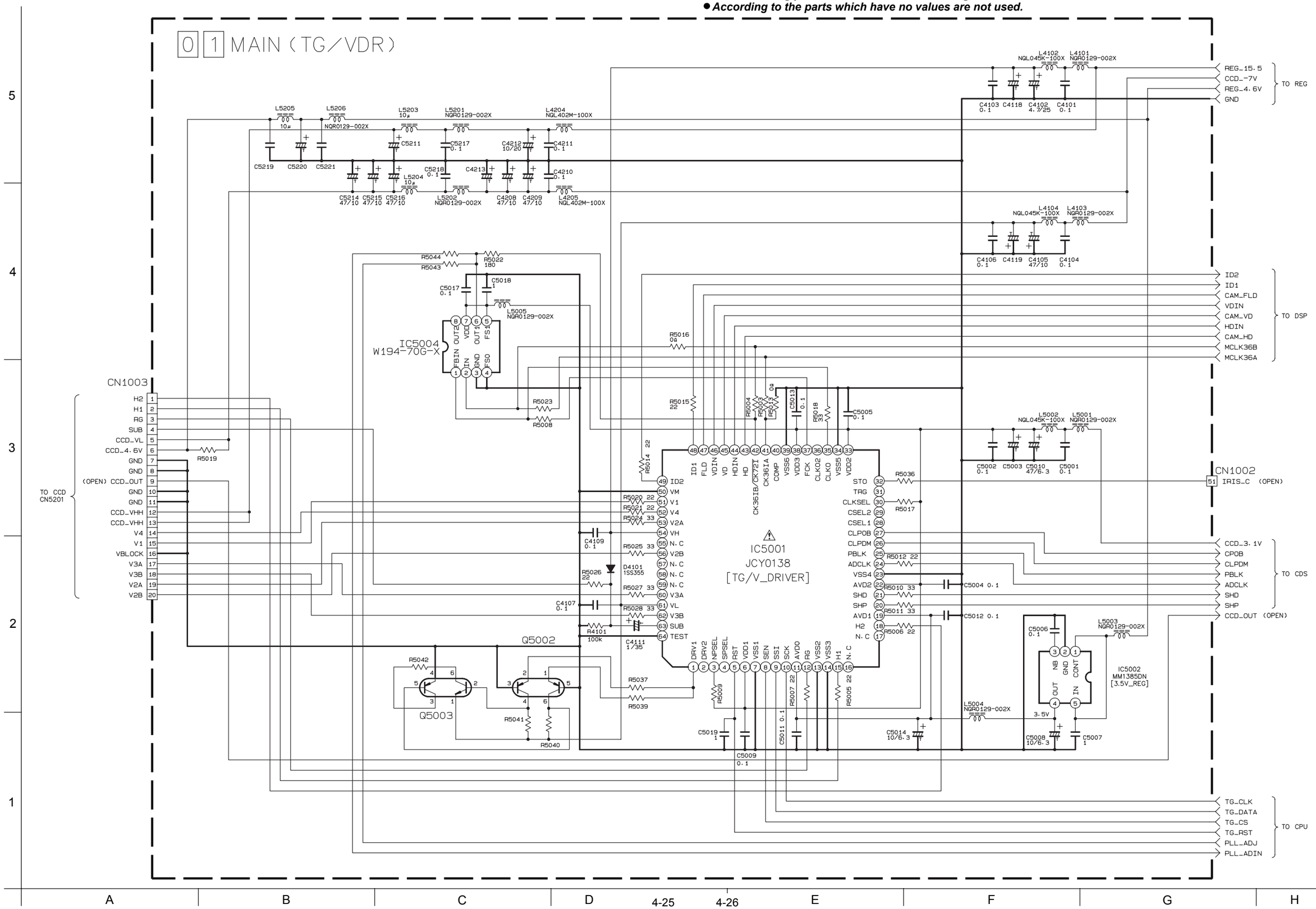
4.11 DSP SCHEMATIC DIAGRAM

NOTES:
- *For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".*
- *When ordering parts, be sure to order according to the Part Number indicated in the Parts List.*
- *According to the parts which have no values are not used.*



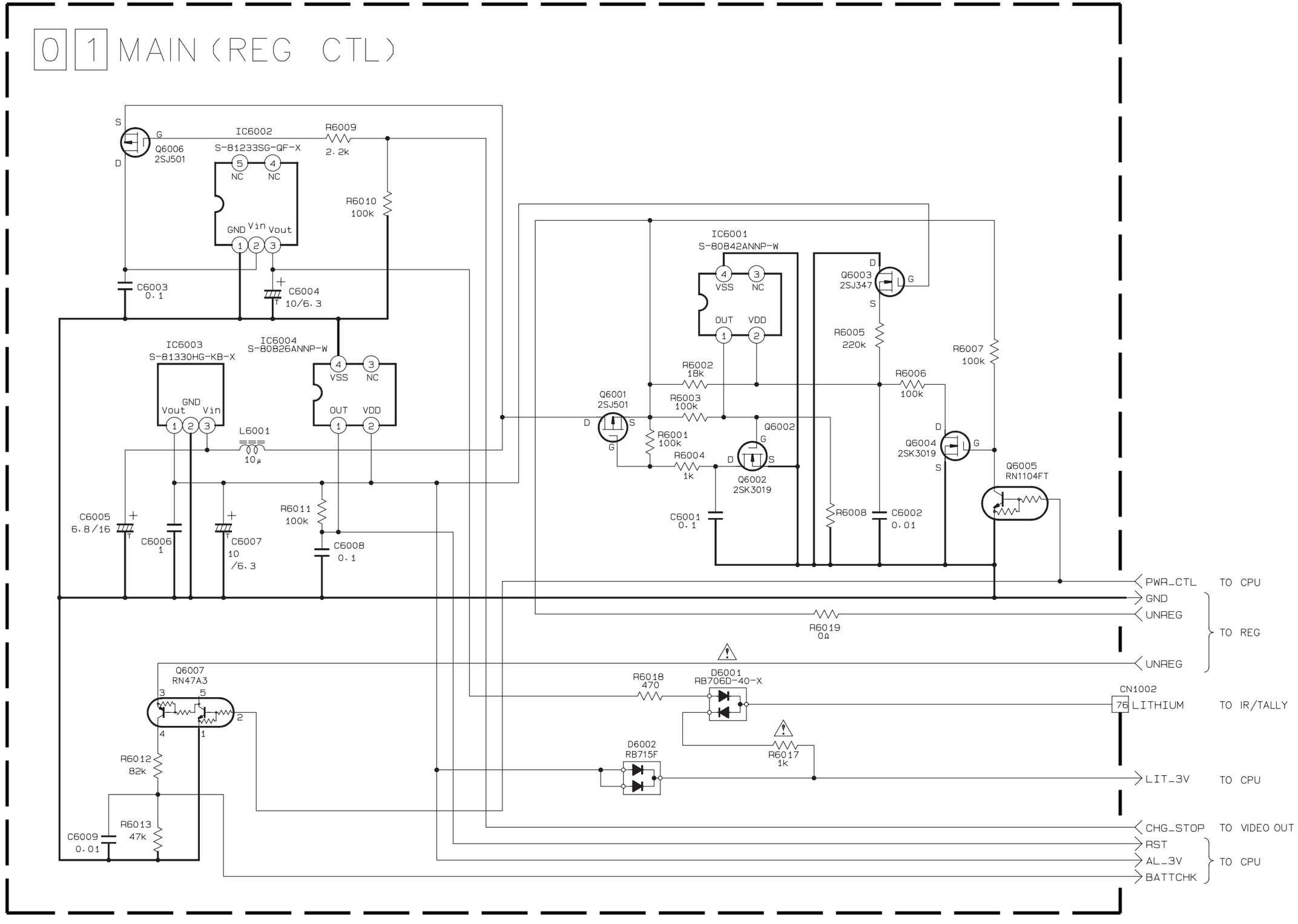
4.12 TG/VDR SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



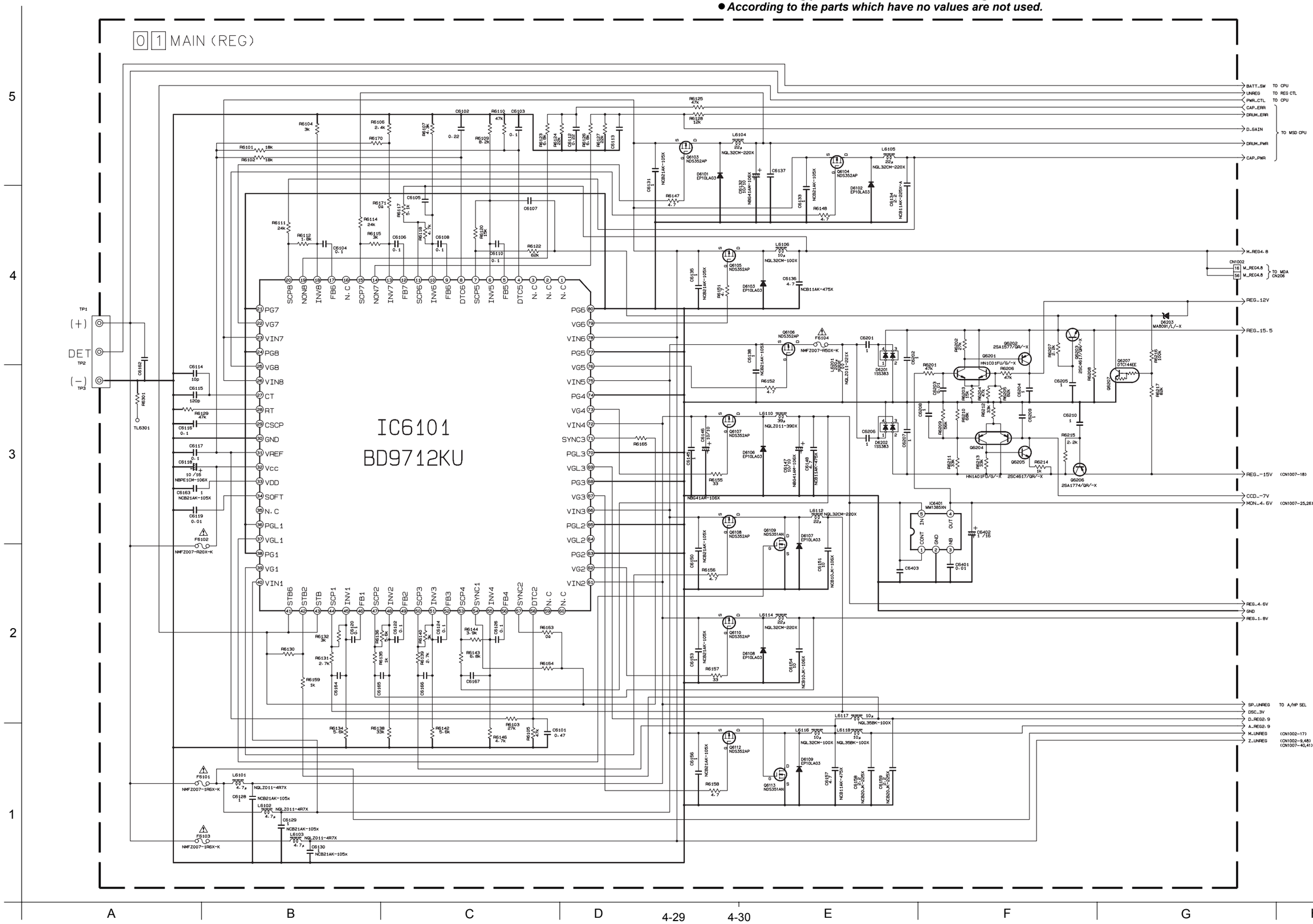
4.13 REG CTL SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



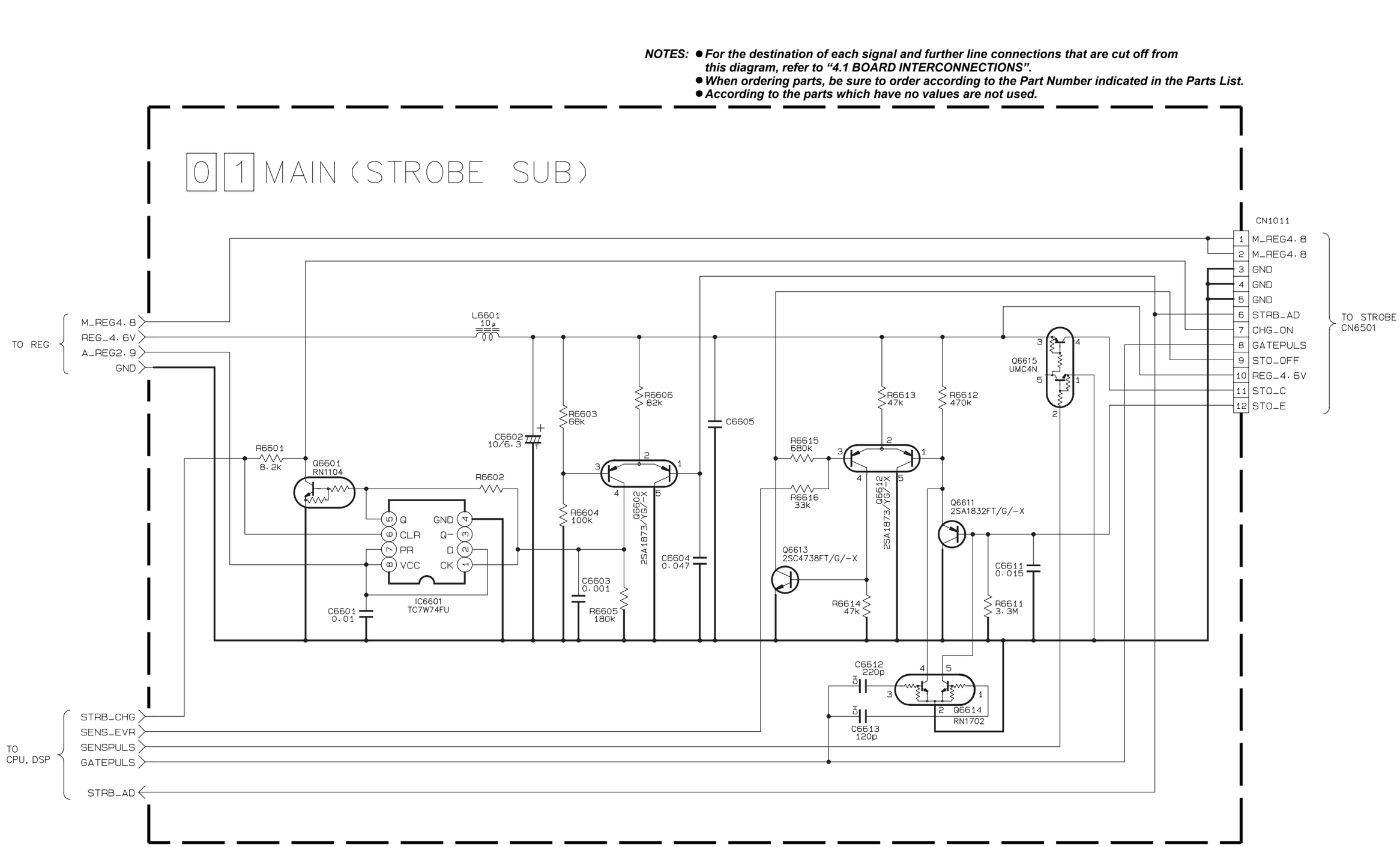
4.14 REGULATOR SCHEMATIC DIAGRAM

NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***



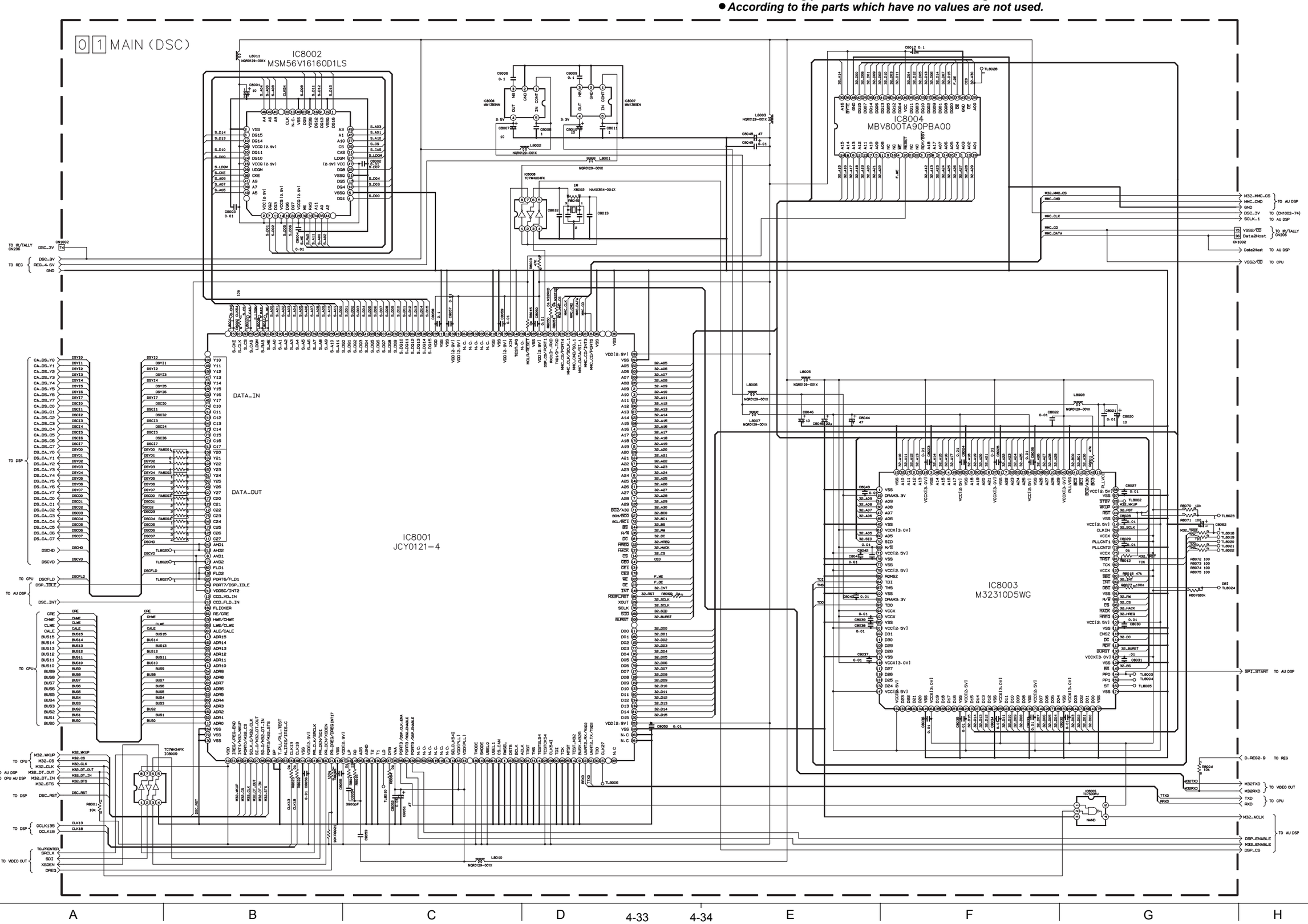
4.15 STROBE SUB SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



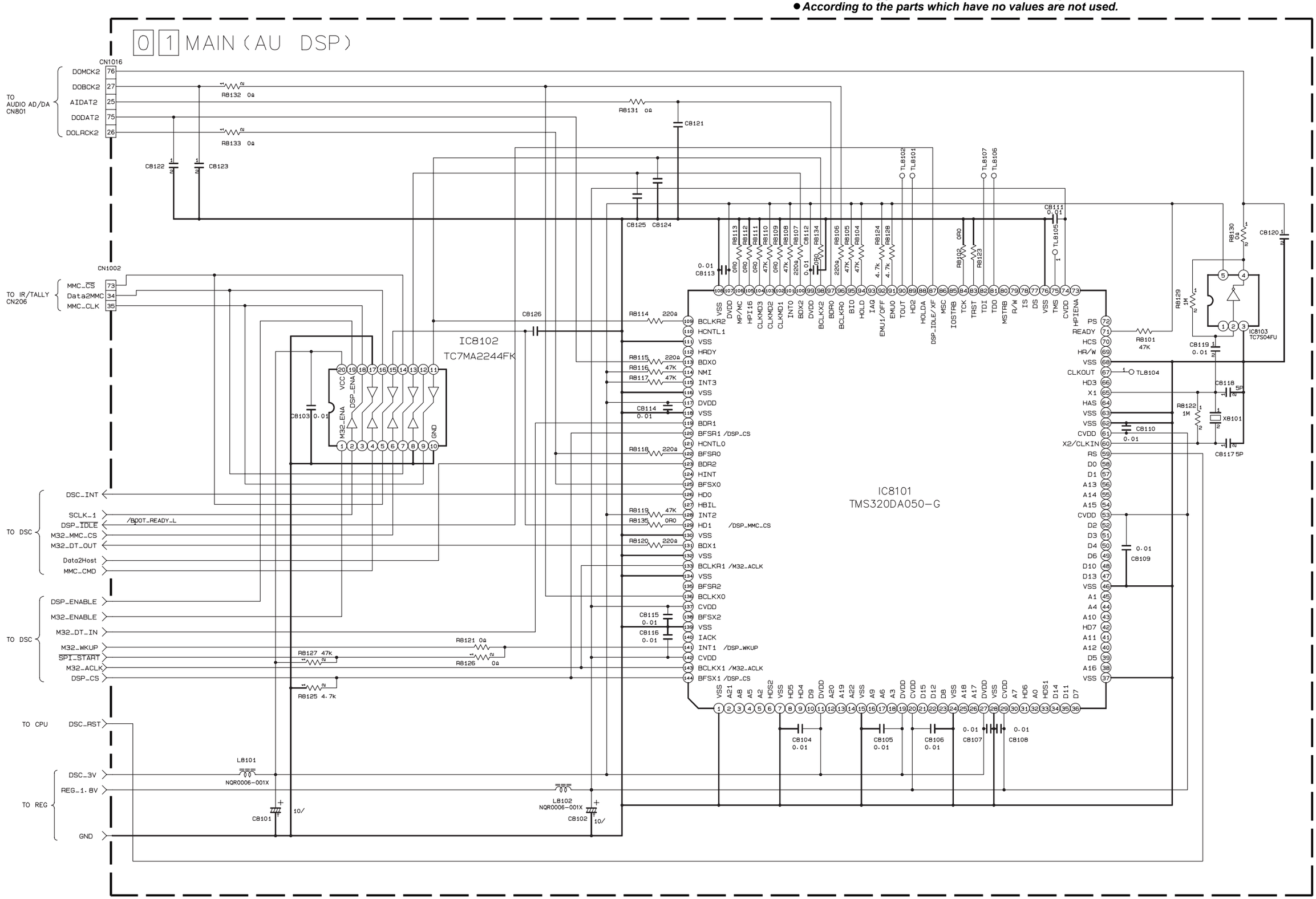
4.16 DSC SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***

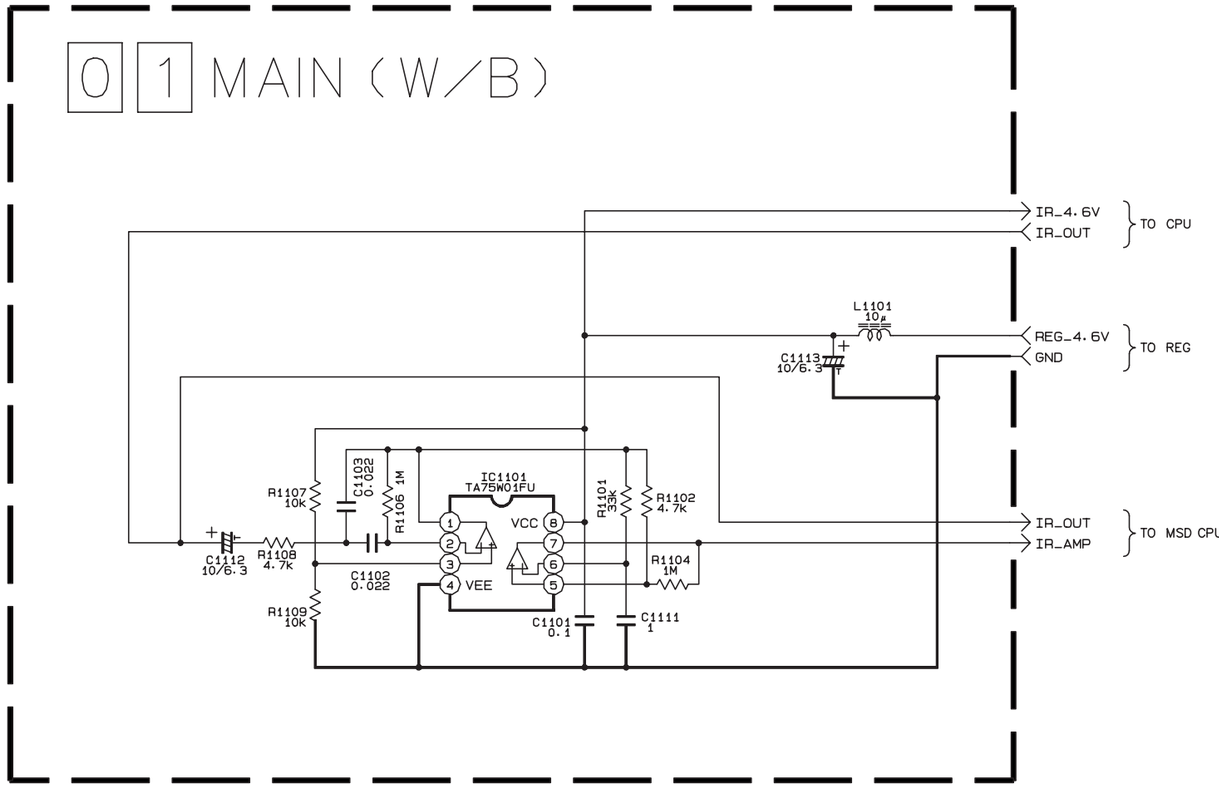


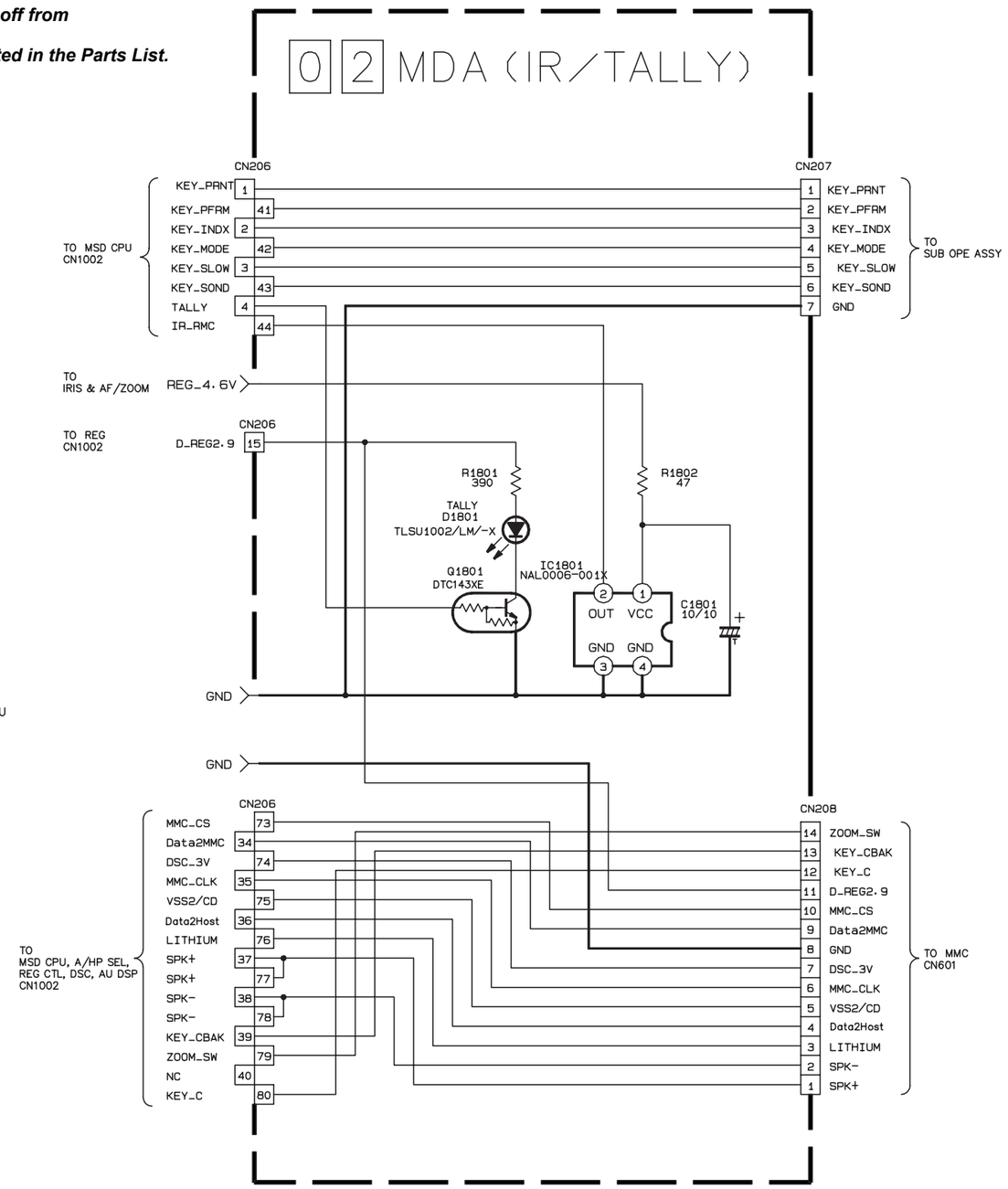
4.17 AU DSP SCHEMATIC DIAGRAM

NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***



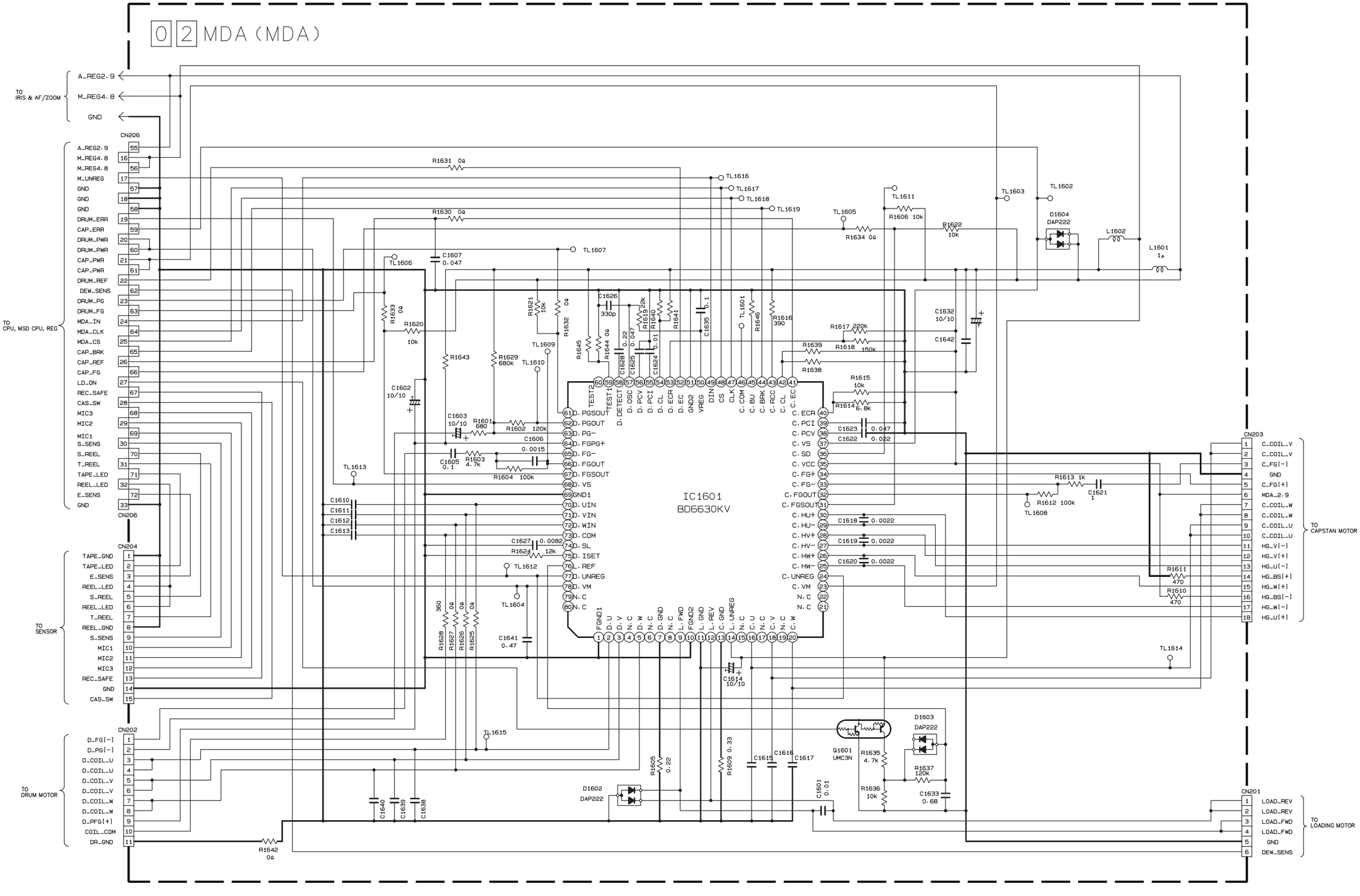
NOTES:
- *For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".*
- *When ordering parts, be sure to order according to the Part Number indicated in the Parts List.*





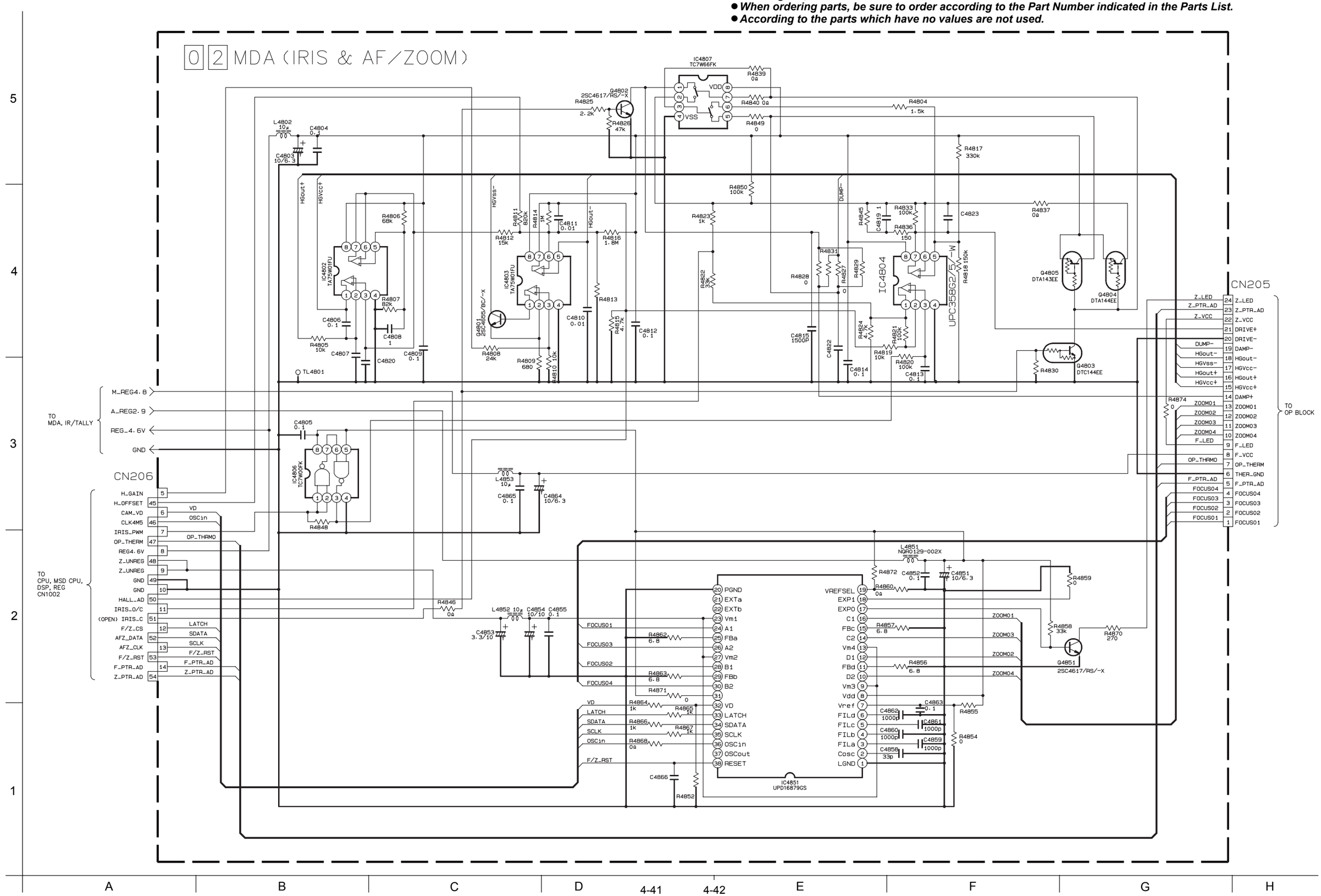
4.19 MDA SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



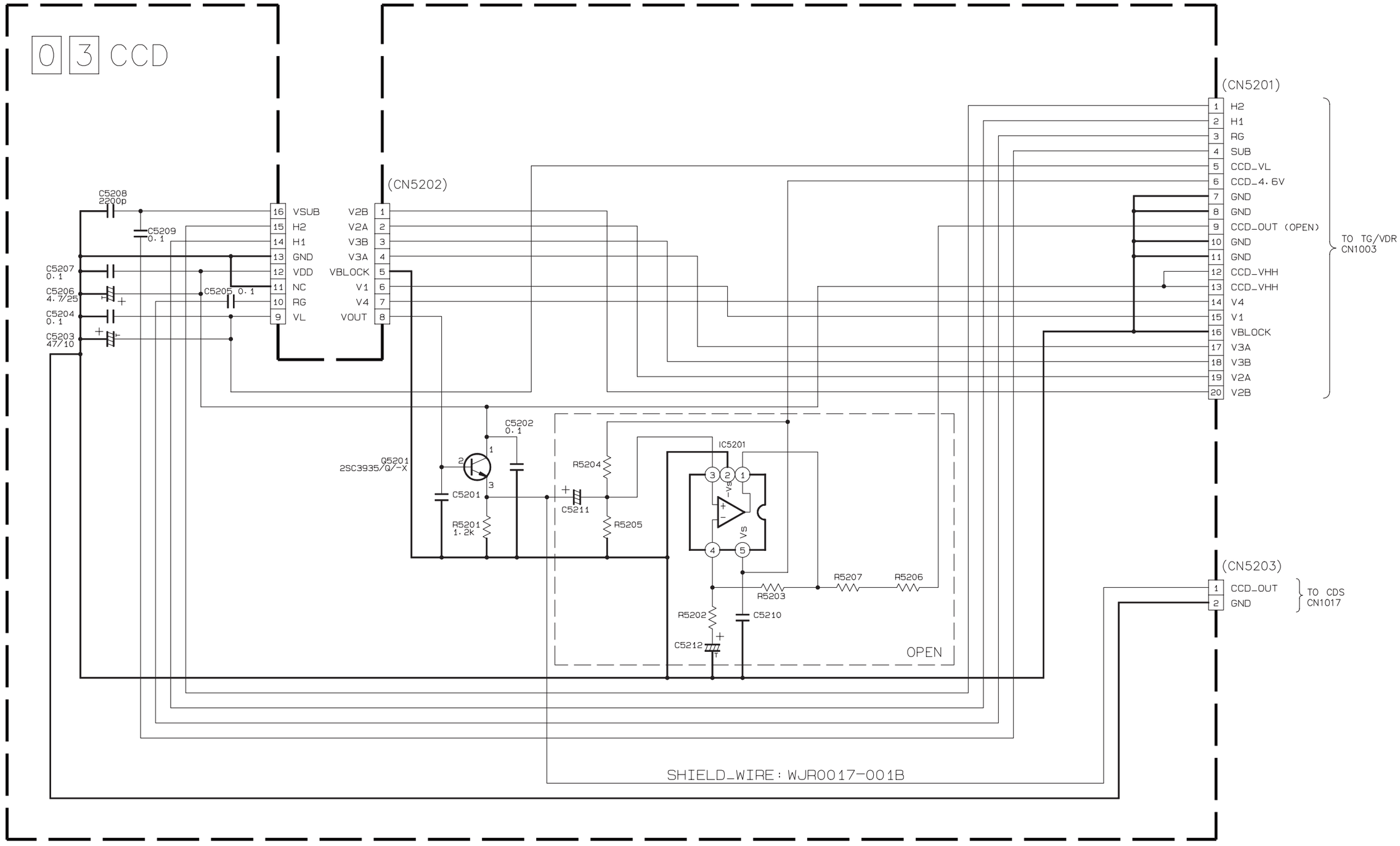
4.20 IRIS & AF/ZOOM SCHEMATIC DIAGRAM

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.*
- *According to the parts which have no values are not used.*



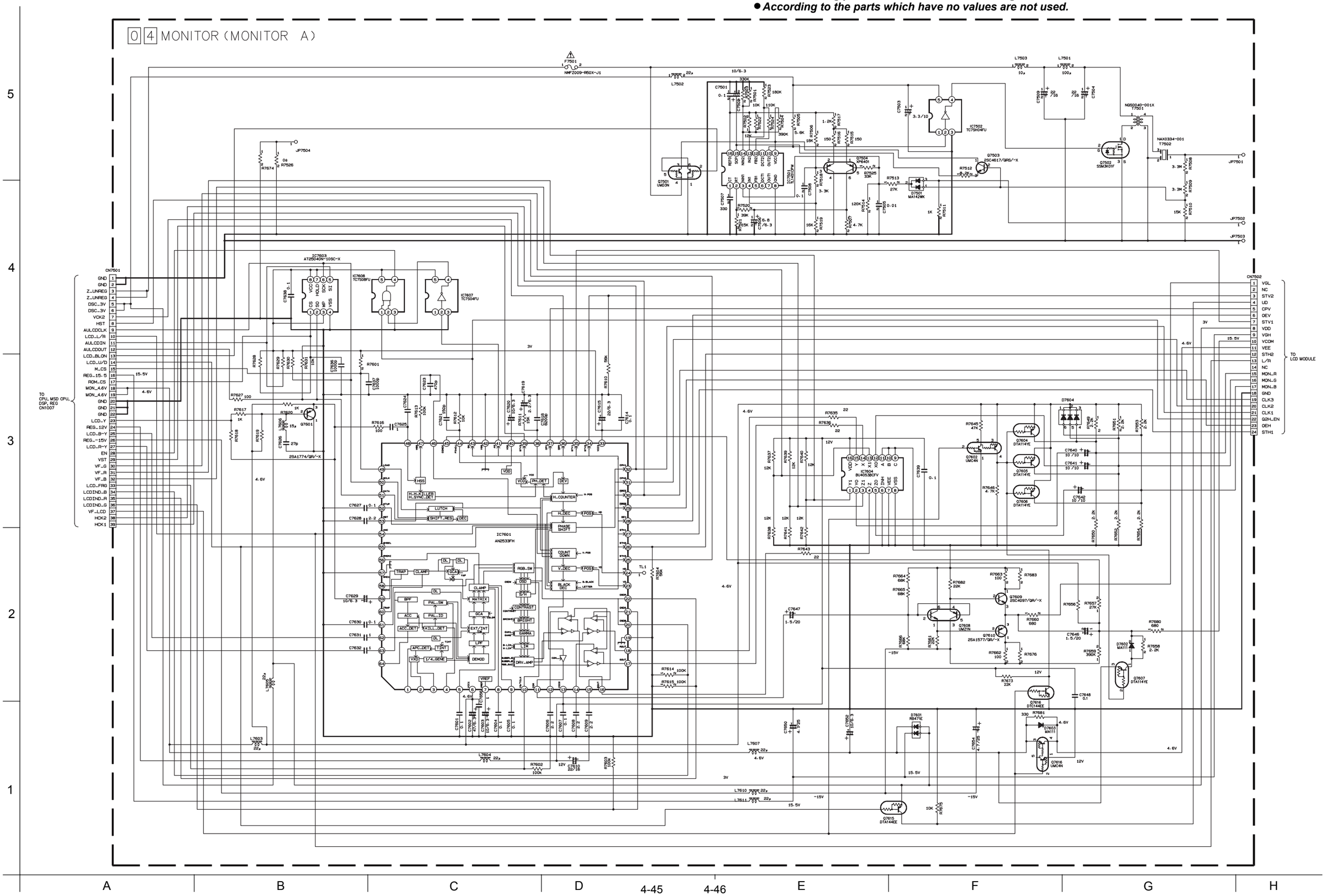
4.21 CCD SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



4.22 MONITOR A SCHEMATIC DIAGRAM

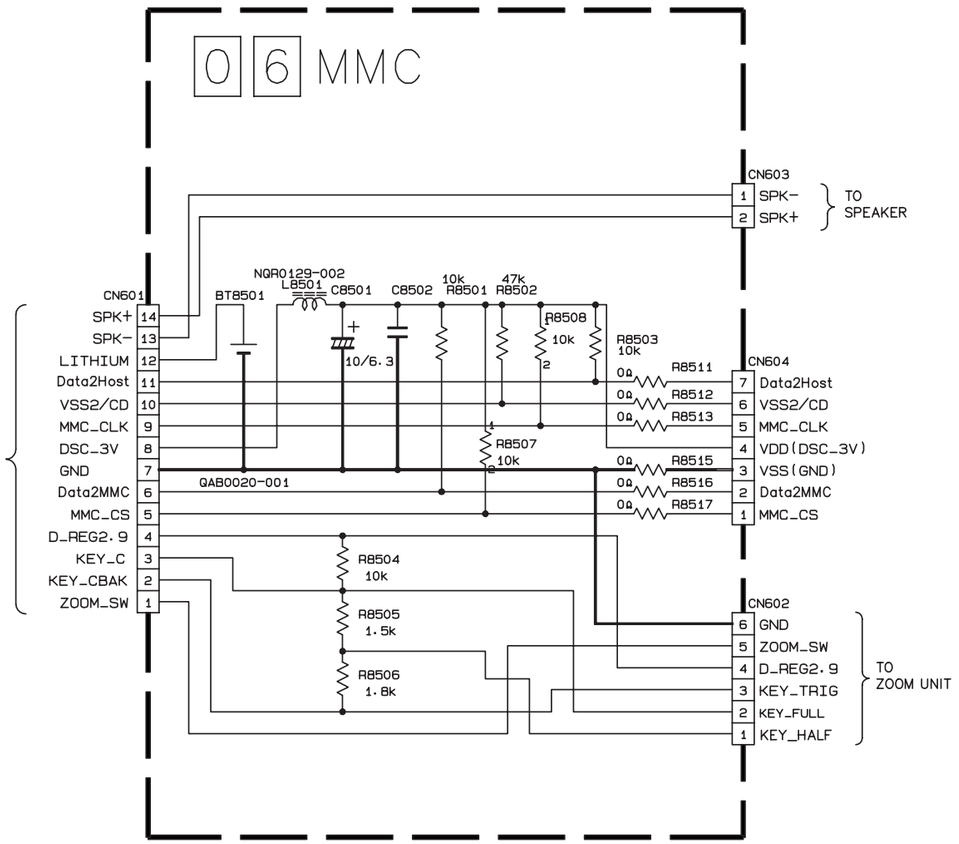
NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***

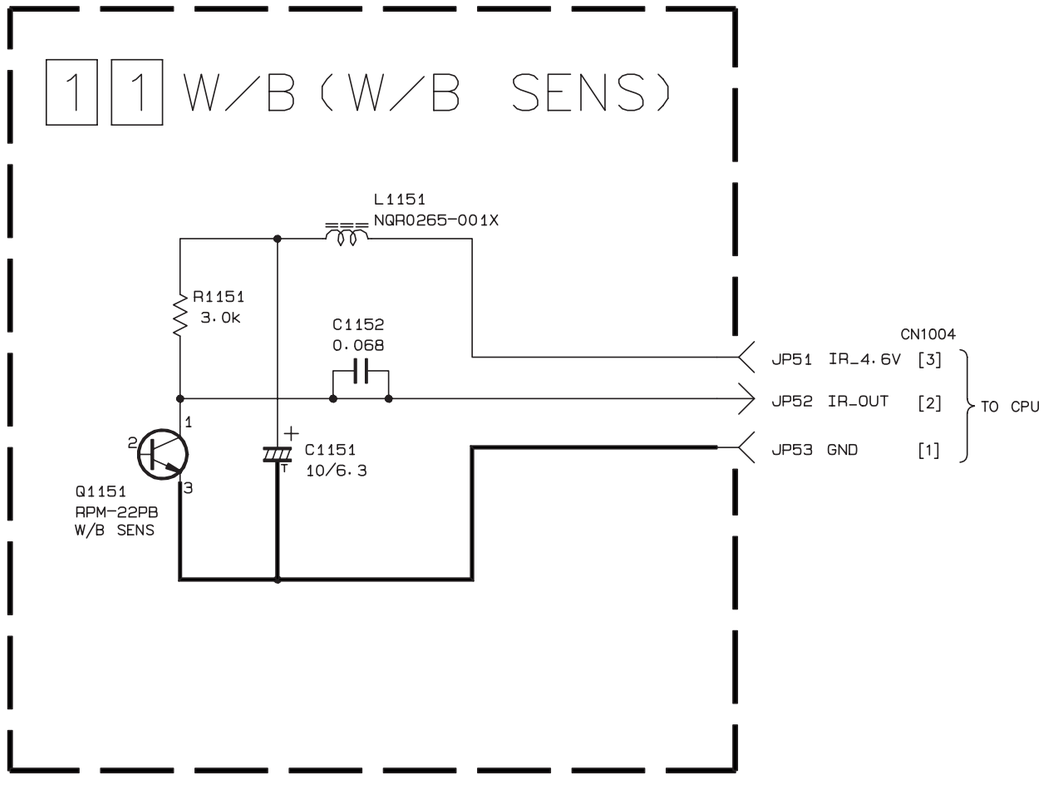


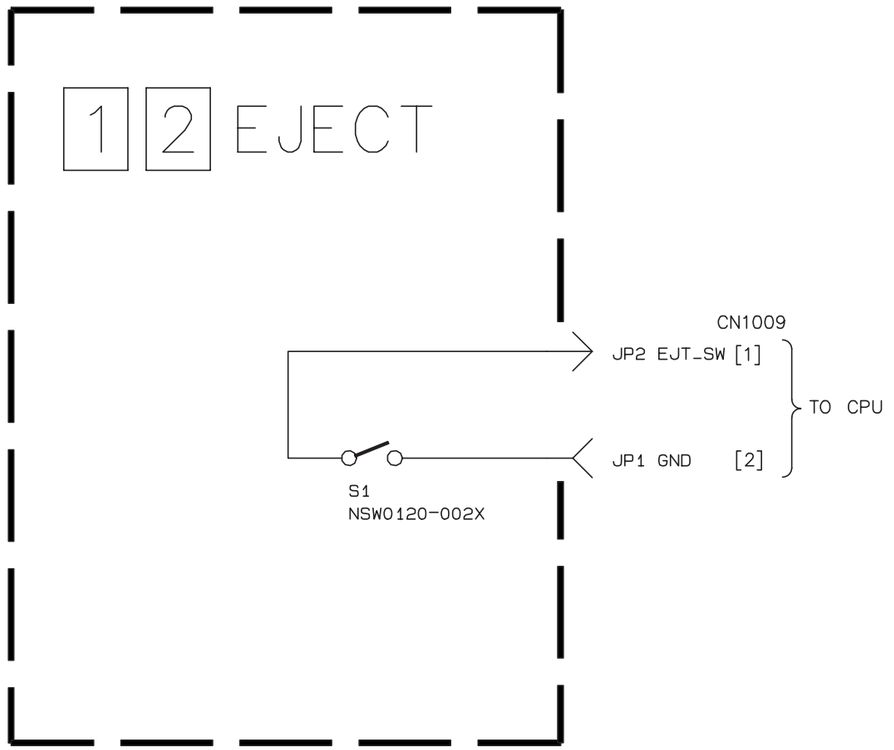
4-45 4-46

4.23 MMC,W/B SENS AND EJECT 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".*
- *When ordering parts, be sure to order according to the Part Number indicated in the Parts List.*
- *According to the parts which have no values are not used.*

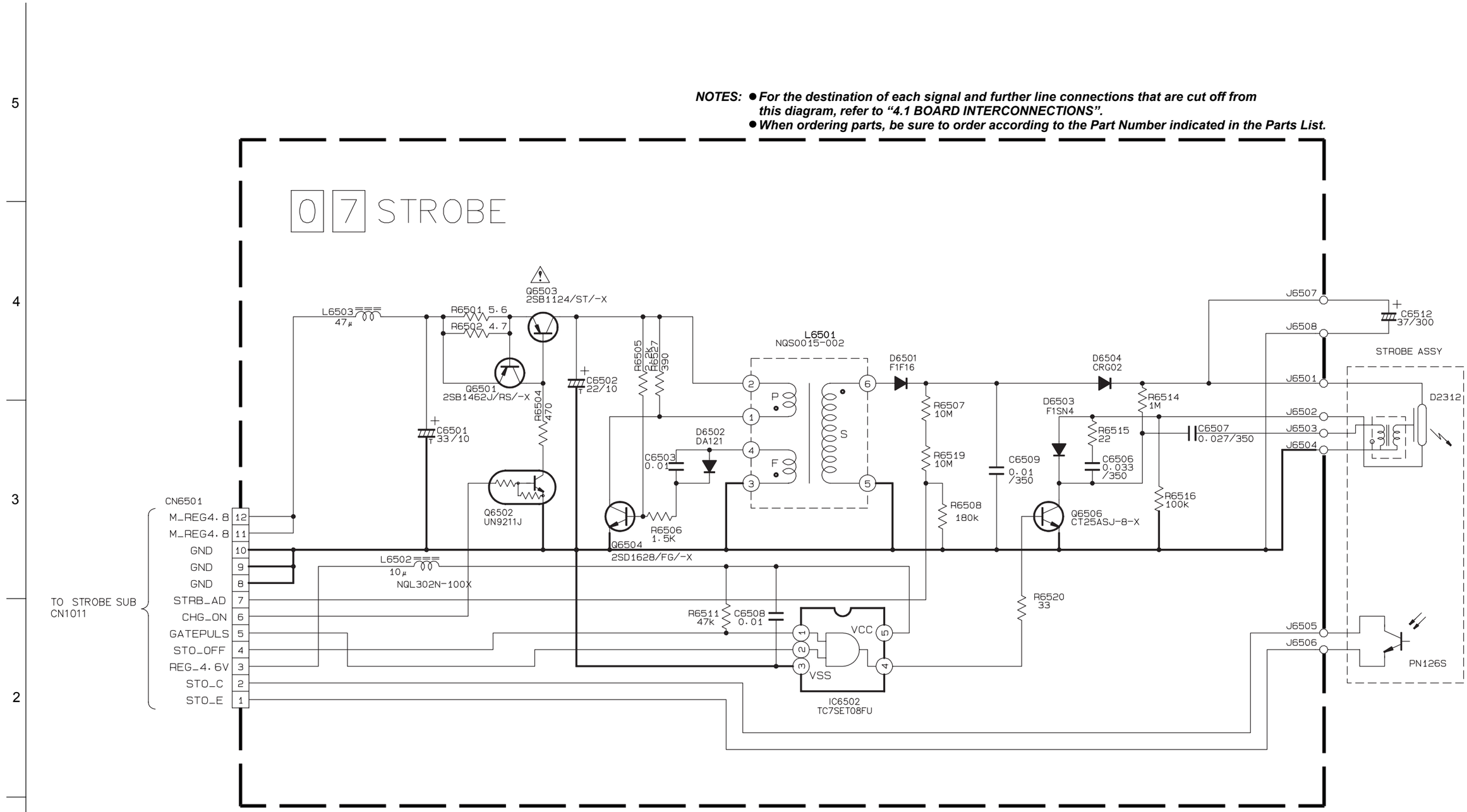






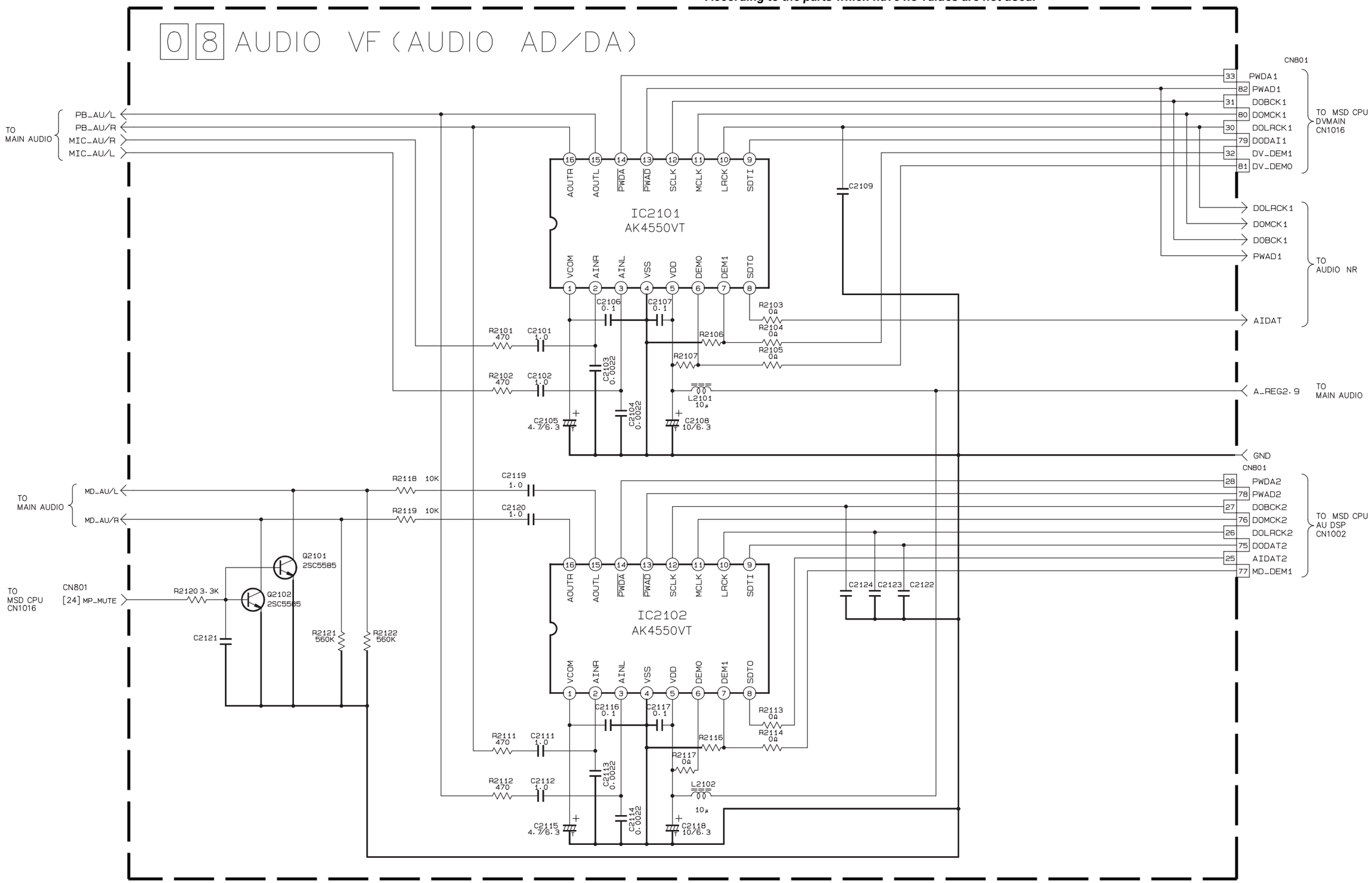
4.24 STROBE SCHEMATIC DIAGRAM

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.



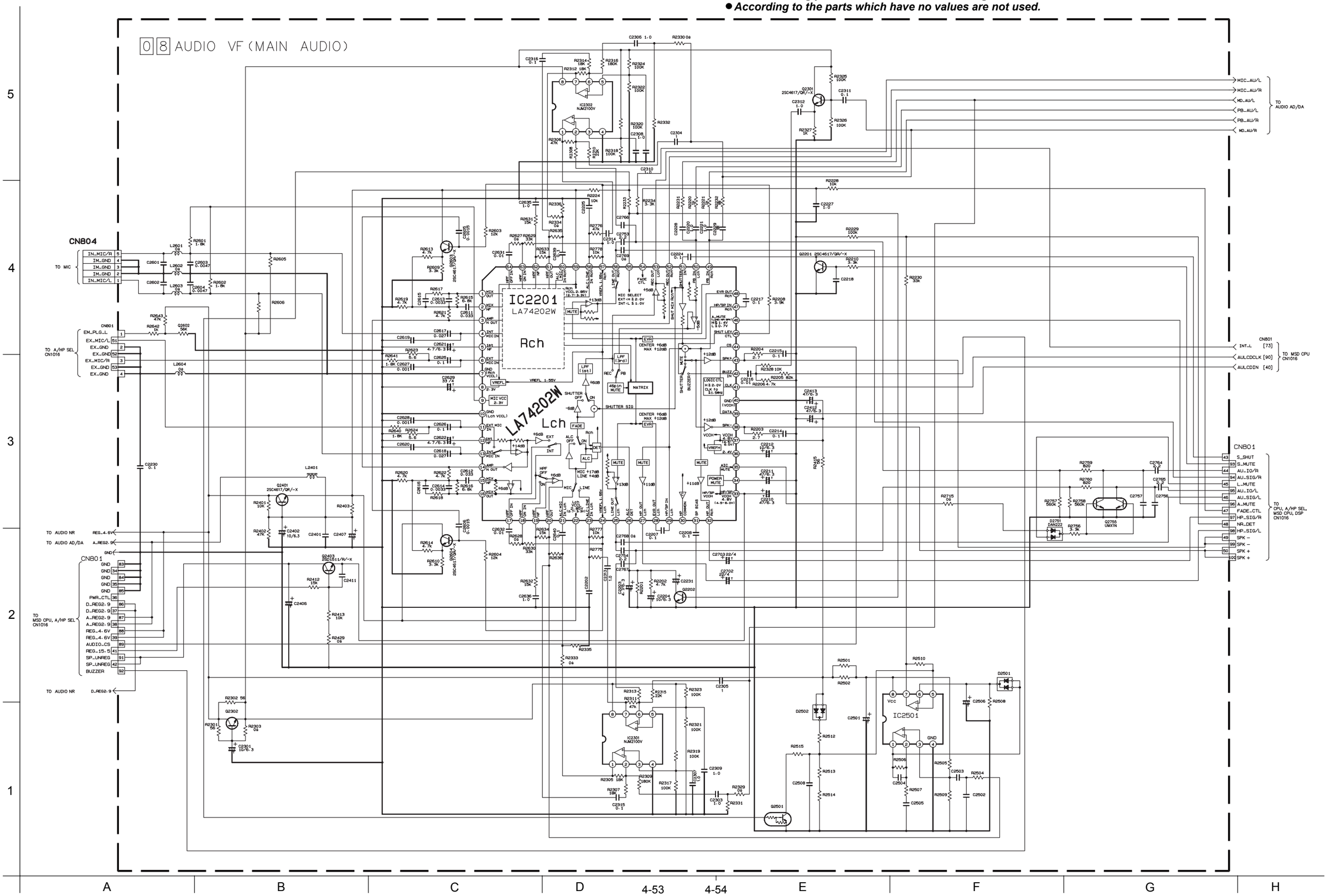
4.25 AUDIO AD/DA SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



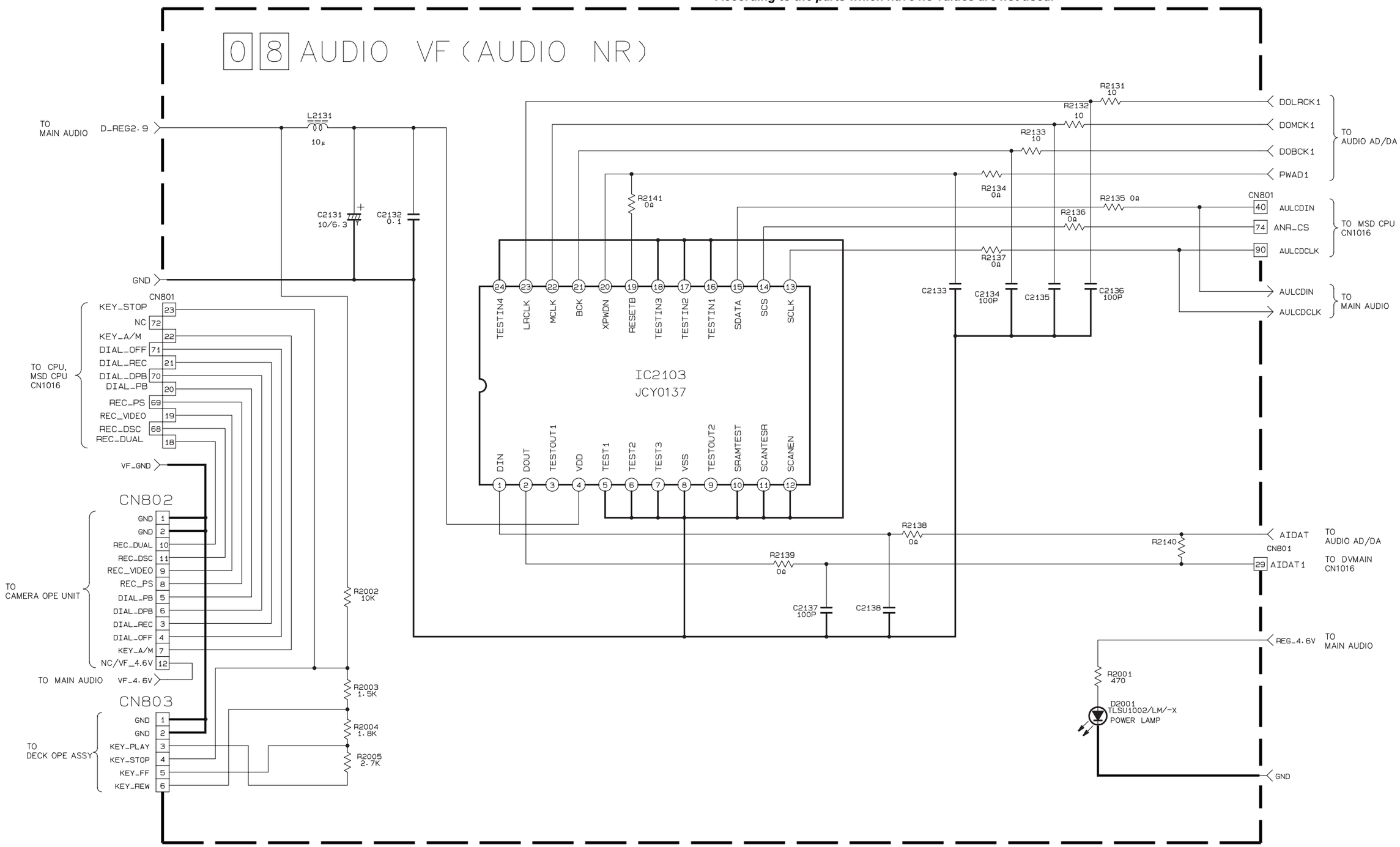
4.26 MAIN AUDIO SCHEMATIC DIAGRAM

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.***
- ***According to the parts which have no values are not used.***



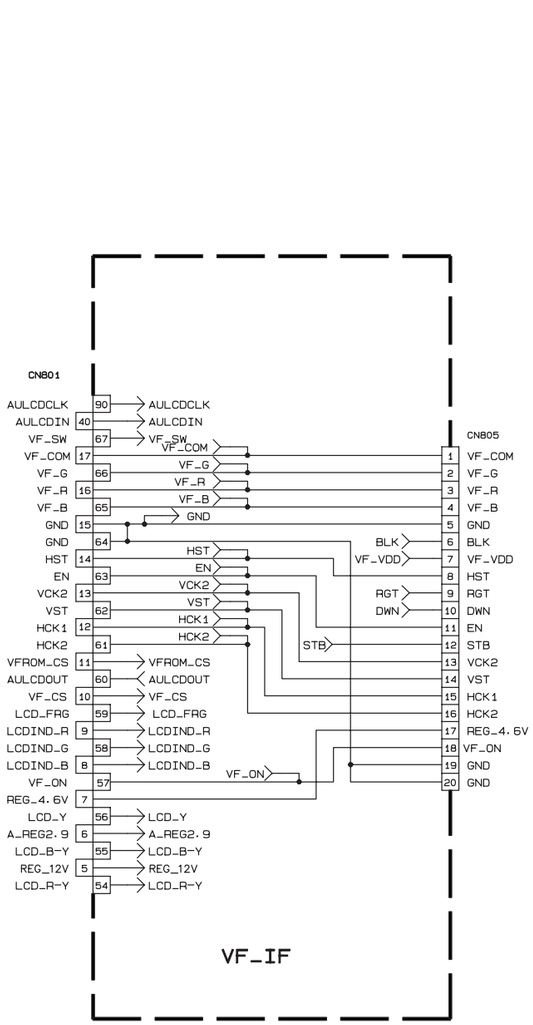
4.27 AU NR SCHEMATIC DIAGRAM

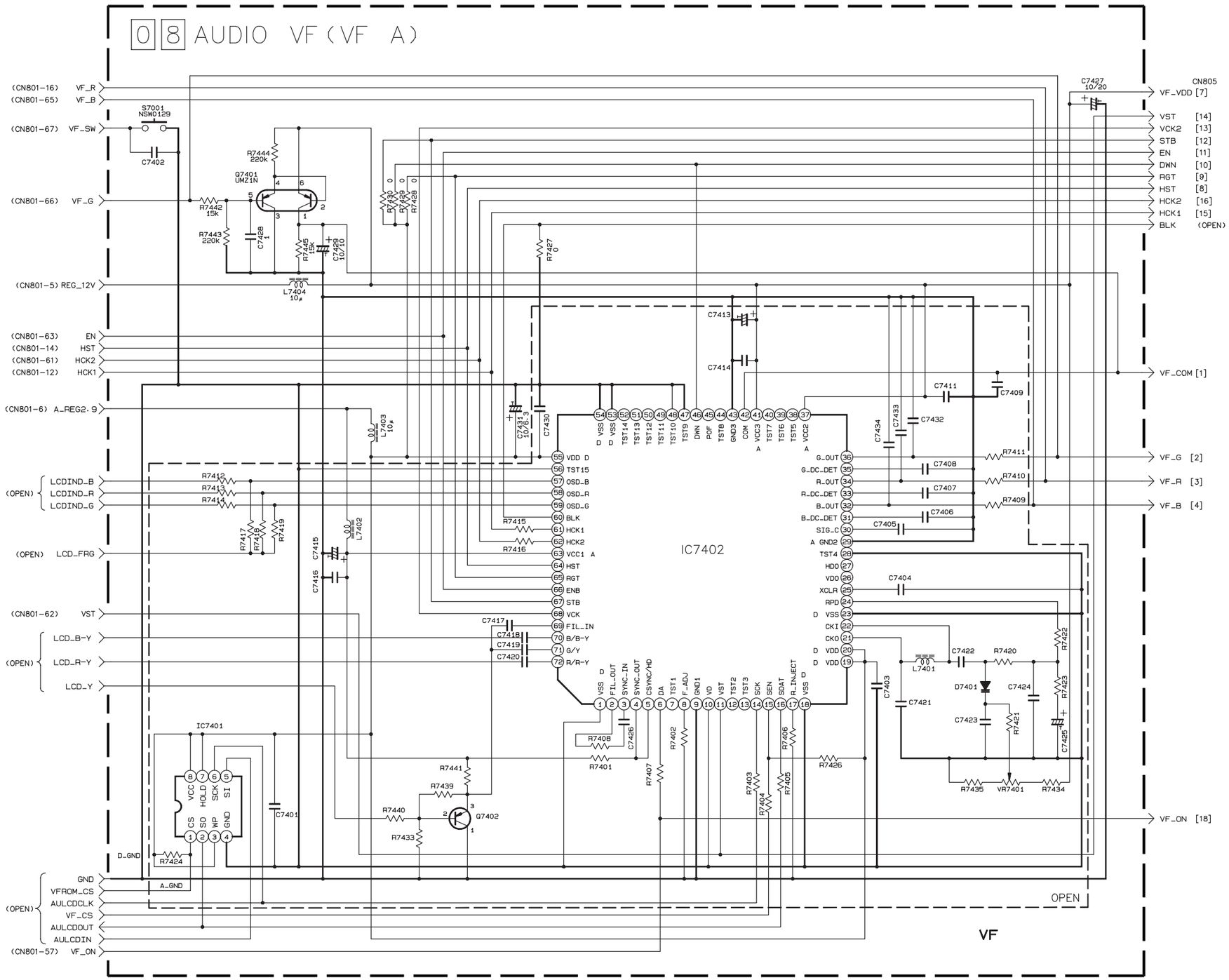
NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***



4.28 VF A SCHEMATIC DIAGRAM

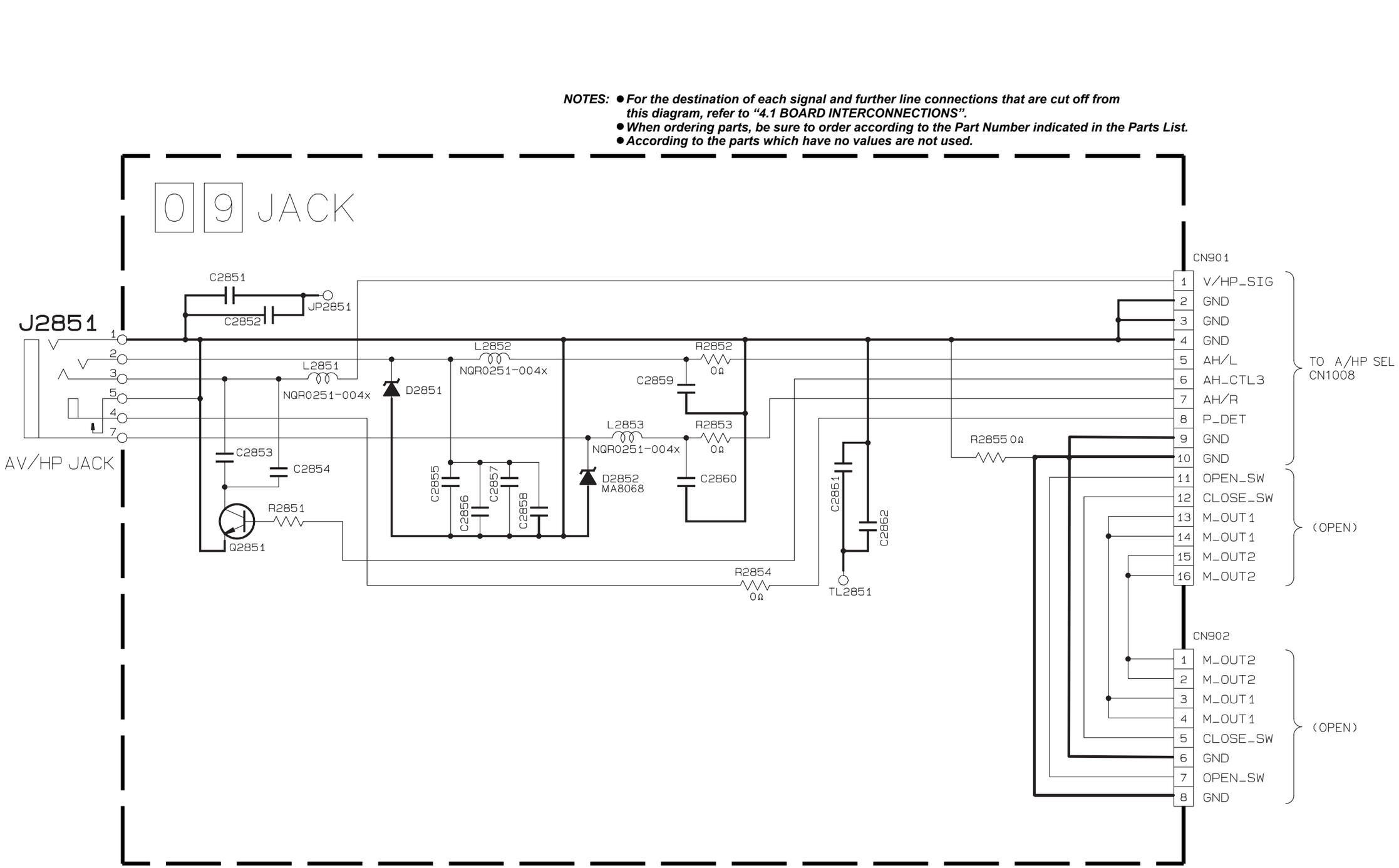
NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***





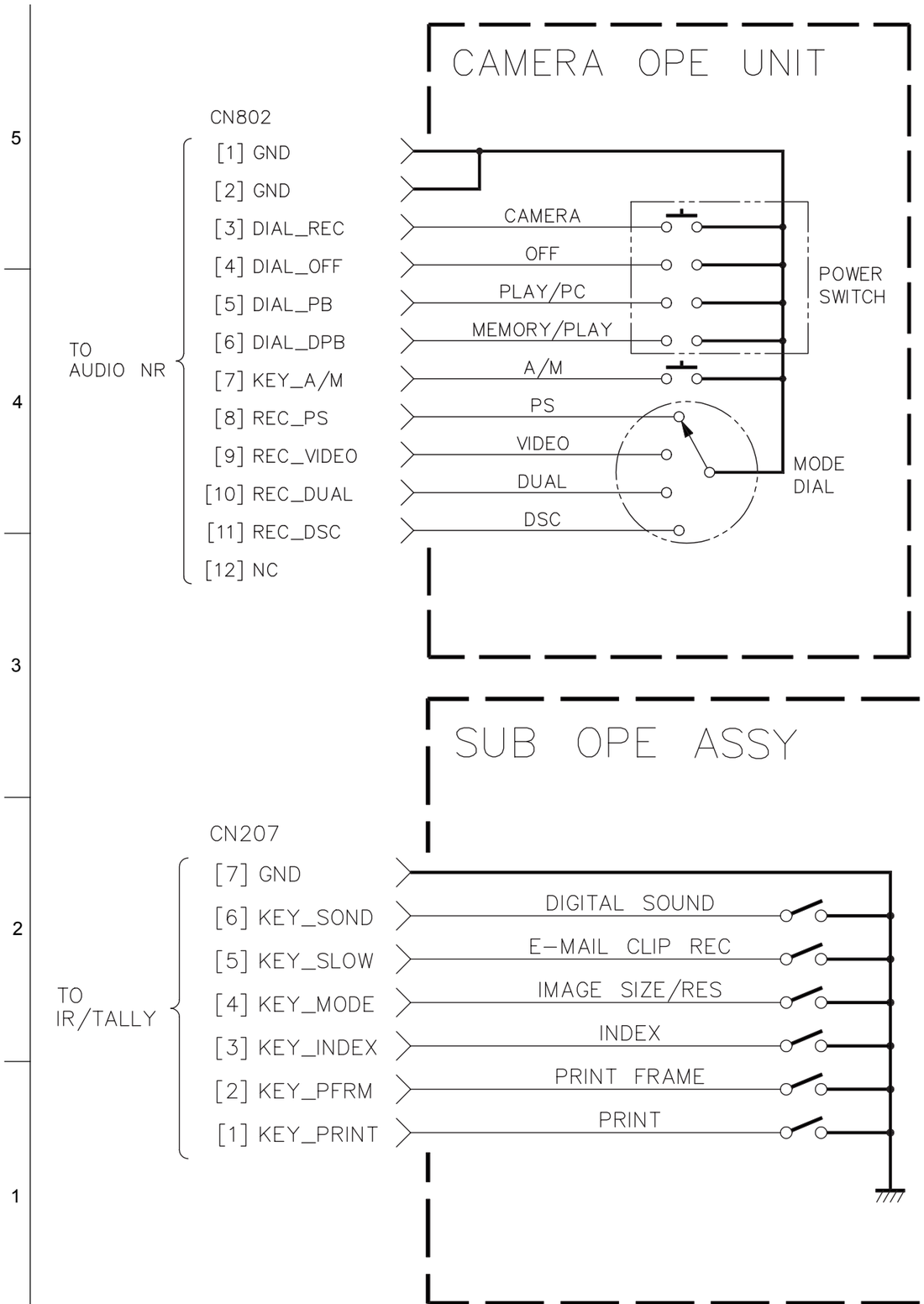
4.29 JACK SCHEMATIC DIAGRAM

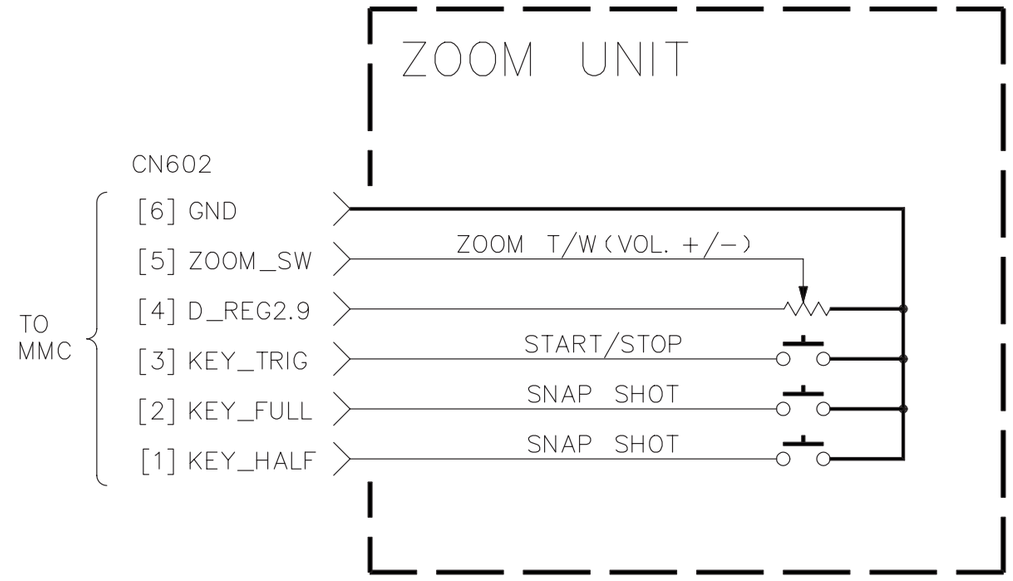
NOTES:
- ***For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".***
- ***When ordering parts, be sure to order according to the Part Number indicated in the Parts List.***
- ***According to the parts which have no values are not used.***

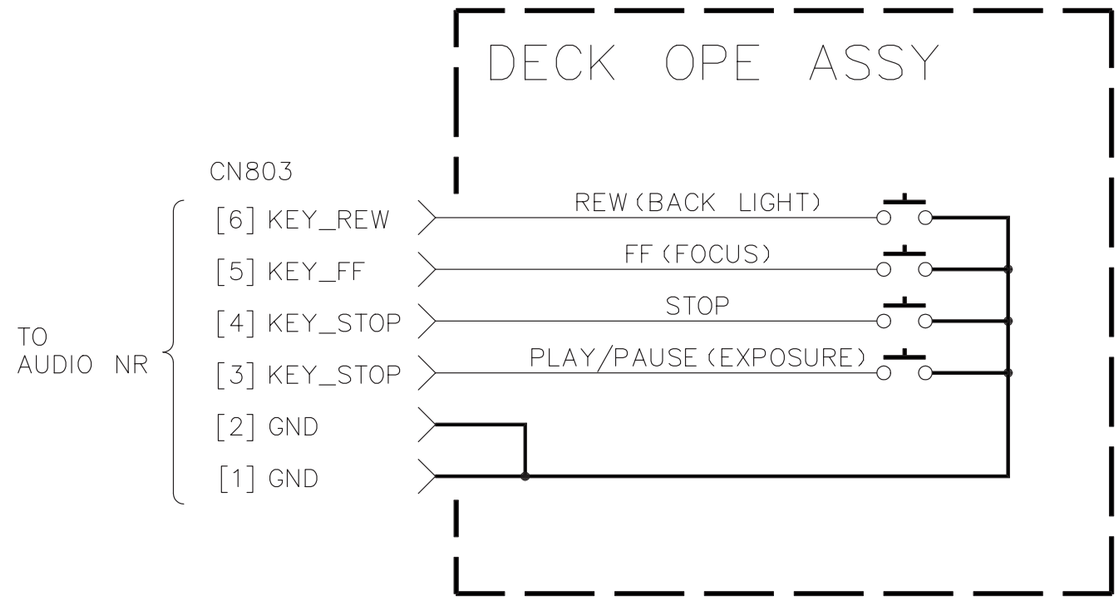


4.30 CAMERA OPE UNIT, SUB OPE ASSY, ZOOM UNIT AND DECK OPE UNIT SCHEMATIC DIAGRAMS

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.***

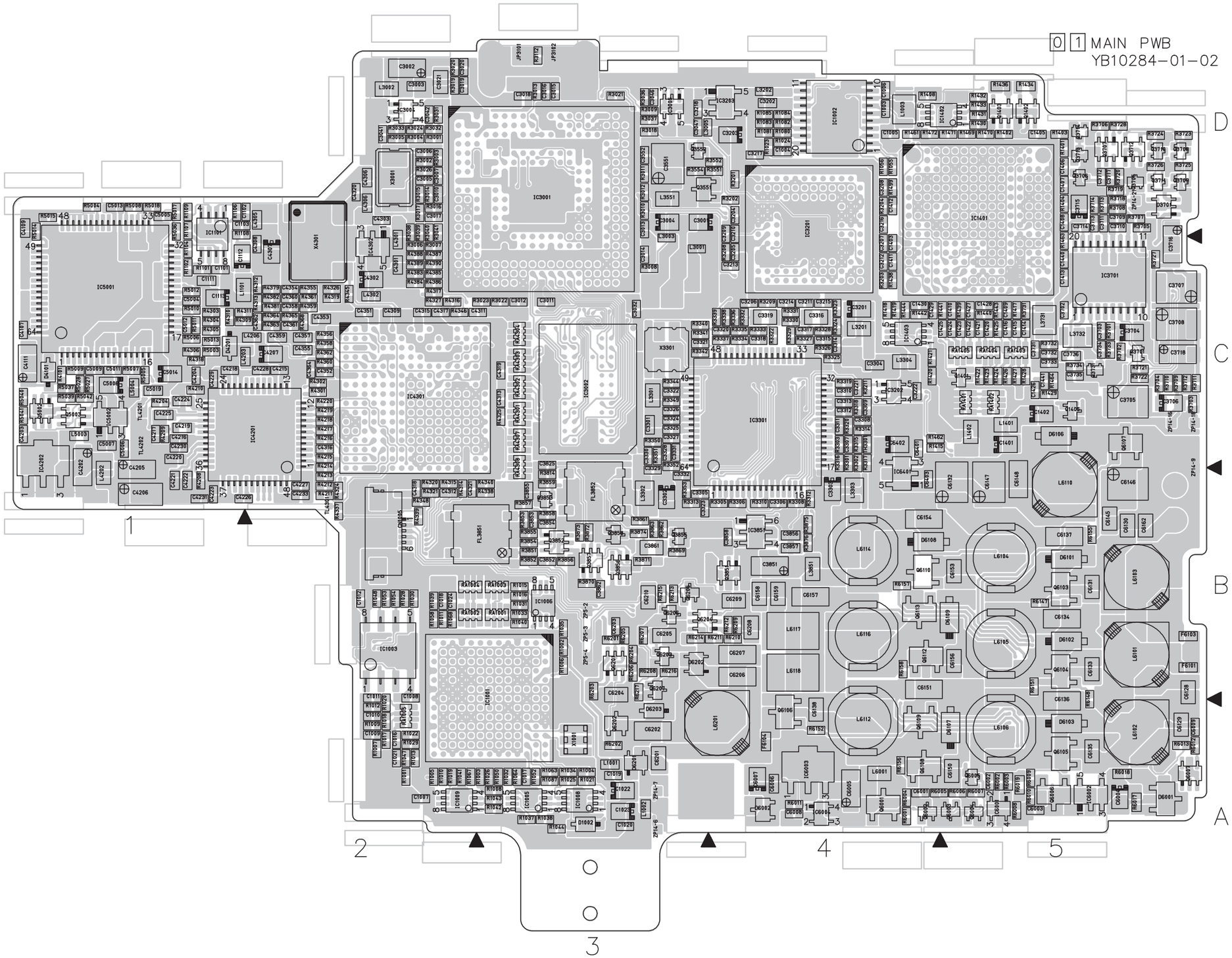






4.31 MAIN CURCUIT BOARD

FOIL SIDE (B)



COMPONENT PARTS LOCATION GUIDE (MAIN)

CAPACITOR

REF.No.	LOCATION
C1003	B C 4D
C1004	B C 4D
C1005	B C 4D
C1006	B C 4D
C1007	B C 2A
C1008	B C 2A
C1009	B C 2A
C1010	B C 2A
C1011	B C 2A
C1012	B C 2B
C1013	A C 2B
C1015	A C 2B
C1016	B C 2A
C1017	B C 3A
C1018	B C 2B
C1019	B C 3A
C1020	B C 3A
C1021	B C 2A
C1022	B C 3A
C1023	B C 3A
C1024	B C 2B
C1101	B C 1C
C1102	B C 2D
C1103	B C 1C
C1111	B C 1C
C1112	B C 1C
C1113	B C 1C
C1201	A C 4C
C1202	A C 4C
C1203	A C 4C
C1204	A C 4C
C1401	B C 5C
C1402	B C 5C
C1403	B C 4C
C1405	B C 5D
C1406	B C 5D
C1407	B C 5D
C1408	B C 5D
C1409	B C 5C
C1410	B C 5C
C1411	B C 4C
C1412	B C 4D
C1413	B C 5C
C1414	B C 5C
C1415	B C 5C
C1416	B C 5C
C1420	B C 5C
C1421	B C 5C
C1422	B C 5C
C1423	B C 5C
C1424	B C 5C
C1425	B C 5C
C1426	B C 5C
C1427	B C 5C
C1428	B C 5C
C1429	B C 4C
C1430	B C 4C
C1431	A C 4D
C1440	B C 5C
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C2708	A C 5C
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C2753	A C 5D
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C3109	A C 2D
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C3111	A C 2C
C3112	A C 2C
C3201	B C 4C
C3202	B C 4D
C3203	B C 4D
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C3205	B C 4C
C3206	B C 4C
C3207	B C 4C
C3208	B C 4D
C3209	B C 4C
C3210	B C 4C
C3211	B C 4C
C3212	B C 4C
C3213	B C 4C
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C8013	A C 5A
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C8035	A C 5B
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C8038	A C 5B
C8039	A C 5B
C8040	A C 5B
C8041	A C 5B
C8042	A C 5C
C8043	A C 5C
C8044	A C 5B
C8045	A C 4B
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C8106	A C 4A
C8107	A C 4B
C8108	A C 4B
C8109	A C 4B
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C8111	A C 4A
C8112	A C 4A
C8113	A C 4B
C8114	A C 4A
C8115	A C 4A
C8116	A C 4A
C8117	A C 4A
C8118	A C 4A
C8119	A C 4A
C8120	A C 4A
C8121	A C 4B
C8122	A C 4B
C8123	A C 4B
C8124	A C 4B
C8125	A C 4A
C8126	A C 4A

CONNECTOR

REF.No.	LOCATION
CN1001	A C 3D
CN1002	A C 4D
CN1003	A C 1C
CN1004	A C 1C
CN1005	B C 2B
CN1007	A C 3B
CN1008	A C 5C
CN1009	A C 2C
CN1010	A C 3A
CN1011	A C 1C
CN1014	A C 5C
CN1016	A C 2A

DIODE

REF.No.	LOCATION
D1002	B C 3A
D1201	A C 4C
D1401	A C 4D
D2751	A C 5C
D2752	A C 5C
D2753	A C 5C
D2754	A C 5C
D2755	A C 5C
D3701	B C 5D
D4101	B C 1C
D4201	B C 1C
D6001	B C 5A
D6002	B C 4A
D6101	B C 5B
D6102	B C 5B
D6103	B C 5A
D6106	B C 5C
D6107	B C 5A
D6108	B C 4B
D6109	B C 5B
D6201	B C 3A
D6202	B C 3B
D6203	B C 3A

IC

REF.No.	LOCATION
IC1001	B C 3A
IC1002	B C 4D
IC1003	B C 2B
IC1004	A C 2B
IC1005	B C 3A
IC1006	B C 3B
IC1008	B C 3A
IC1009	B C 2A
IC1101	B C 1C
IC1201	A C 4C
IC1401	B C 5D
IC1402	B C 5D
IC1403	B C 4C
IC1405	A C 3A
IC2701	A C 5C
IC2751	A C 5D
IC3001	B C 3D
IC3002	B C 3C
IC3004	B C 2D
IC3005	B C 3D
IC3101	A C 2D
IC3201	B C 4C
IC3202	B C 4C
IC3203	B C 4D
IC3301	B C 4C
IC3501	A C 3C
IC3701	B C 5C
IC3702	A C 5B
IC3801	A C 3C
IC3851	B C 4B
IC4201	B C 2C
IC4202	B C 1B
IC4301	B C 2C
IC4302	B C 2C
IC4303	A C 2C
IC4304	A C 3C
IC4305	A C 3C
IC4401	A C 3C
IC5001	B C 1C
IC5002	B C 1C
IC5004	A C 2C
IC6001	B C 5A
IC6002	B C 5A
IC6003	B C 4A
IC6004	B C 4A
IC6101	A C 5A
IC6401	B C 4B
IC6601	A C 1C
IC8001	A C 4B
IC8002	A C 3B
IC8003	A C 5B
IC8004	A C 4C
IC8005	A C 5A
IC8006	A C 5B
IC8007	A C 5A
IC8008	A C 4A
IC8009	A C 4C
IC8101	A C 4A
IC8102	A C 4A
IC8103	A C 4A

COIL

REF.No.	LOCATION
L1001	B C 3A
L1002	B C 3A
L1003	B C 4D
L1101	B C 1C
L1201	A C 4C
L1401	B C 5C
L1402	B C 5C
L2701	A C 5C
L2702	A C 5C
L3001	B C 3C
L3002	B C 2D
L3003	B C 3C
L3005	B C 3D
L3101	A C 2C
L3102	A C 2C
L3103	A C 3D
L3104	A C 3D
L3201	B C 4C
L3202	B C 4D
L3301	B C 3C
L3302	B C 3B
L3303	B C 4B
L3304	B C 4C
L3501	A C 4D
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L3503	A C 3C
L3504	A C 4C
L3551	B C 3D
L3701	A C 5B
L3731	B C 5C
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L3851	B C 4B
L4101	A C 1C
L4102	A C 1C
L4103	A C 1C
L4104	A C 1C
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L4202	B C 1B
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L4205	A C 2B
L4206	B C 2C
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L4304	A C 2C
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L4306	B C 2D
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L5005	A C 2C
L5201	A C 1C
L5202	A C 2C
L5203	A C 1C
L5204	A C 1C
L5205	A C 1C
L5206	A C 1C
L6001	B C 4A
L6101	B C 5B
L6102	B C 5A
L6103	B C 5B
L6104	B C 5B
L6105	B C 5B
L6106	B C 5A
L6110	B C 5B
L6112	B C 4A
L6114	B C 4B
L6116	B C 4B
L6117	B C 4B
L6118	B C 4B
L6201	B C 4A
L6601	A C 1C
L8001	A C 5A
L8002	A C 4B
L8003	A C 5A
L8005	A C 4B
L8006	A C 5B
L8007	A C 5B
L8008	A C 5B
L8010	A C 4B
L8011	A C 3A
L8101	A C 3A
L8102	A C 3A

TRANSISTOR

REF.No.	LOCATION
Q1401	B C 5C
Q1402	B C 5D
Q1403	B C 5D
Q1405	B C 5C
Q1406	A C 4D
Q1407	A C 4D
Q1408	A C 4D
Q2701	A C 5C
Q2703	A C 5C
Q2704	A C 5C
Q2705	A C 5C
Q2706	A C 5C
Q2751	A C 5C
Q2752	A C 5C
Q2753	A C 5C
Q2754	A C 5C
Q2755	A C 5C
Q2756	A C 5D
Q2757	A C 5D
Q2758	A C 5D
Q2759	A C 5D
Q2760	A C 5C
Q3501	A C 3D
Q3502	A C 3D
Q3503	A C 4D
Q3504	A C 4D
Q3551	B C 3D
Q3552	B C 3D
Q3701	B C 5C
Q3705	B C 5D
Q3706	B C 5D
Q3707	B C 5D
Q3708	B C 5D
Q3709	B C 5D
Q3710	B C 5D
Q3711	B C 5D
Q3712	B C 5D
Q3713	B C 5D
Q3714	B C 5D
Q3731	B C 5C
Q3801	A C 3C
Q3802	A C 3C
Q3851	B C 4B
Q3852	B C 3B
Q3853	B C 3B
Q3855	B C 3B
Q3856	B C 3B
Q3857	B C 3B
Q3858	B C 3B
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Q4352	A C 3B
Q4353	A C 3B
Q4354	A C 3B
Q5002	B C 1C
Q5003	B C 1C
Q6001	B C 4A
Q6002	B C 4A
Q6003	B C 5A
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Q6005	B C 5A
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Q6109	B C 4A
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Q6112	B C 4B
Q6113	B C 4B
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Q6202	B C 3A
Q6203	B C 3B
Q6204	B C 3B
Q6205	B C 3B
Q6206	B C 3B
Q6207	B C 3A
Q6601	A C 1C
Q6602	A C 1C
Q6611	A C 1C
Q6612	A C 1C
Q6613	A C 1C
Q6614	A C 1C
Q6615	A C 1C
Q7501	A C 2A

RESISTOR

REF.No.	LOCATION
R1001	B C 2A
R1002	B C 3B
R1003	B C 3A
R1004	B C 3A
R1005	B C 2A
R1006	B C 3B
R1007	B C 2A
R1008	B C 3A
R1009	B C 2A
R1010	B C 2A
R1011	B C 2B
R1012	B C 2A
R1013	B C 2A
R1015	B C 3B
R1016	B C 3B
R1017	B C 2A
R1018	B C 2A
R1019	B C 2A
R1020	B C 2A
R1021	B C 3A
R1022	B C 2A
R1023	B C 4D
R1024	B C 4D
R1025	B C 3A
R1026	B C 3A
R1028	B C 2B
R1029	B C 2A
R1030	B C 2B
R1031	B C 3B
R1032	B C 3A
R1033	B C 3B
R1034	B C 3A
R1035	B C 3B
R1036	A C 3A
R1037	B C 3A
R1038	B C 3A
R1039	B C 2B
R1040	B C 3B
R1041	B C 2A
R1042	B C 3A
R1043	B C 3A
R1044	B C 3A
R1045	A C 2B
R1047	B C 2A
R1048	B C 2B
R1050	B C 3A
R1052	B C 3A
R1053	B C 2B
R1054	B C 2B
R1055	B C 4D

REF.No.	LOCATION			REF.No.	LOCATION			REF.No.	LOCATION			REF.No.	LOCATION			REF.No.	LOCATION			REF.No.	LOCATION		
R1056	B	C	4D	R2709	A	C	5C	R3319	B	C	4C	R3873	B	C	3B	R5014	B	C	1C	R6603	A	C	1C
R1058	B	C	2B	R2710	A	C	5C	R3320	B	C	4C	R3874	B	C	3B	R5015	B	C	1D	R6604	A	C	1C
R1063	B	C	3A	R2711	A	C	5C	R3322	B	C	4C	R3875	B	C	4B	R5016	A	C	2C	R6605	A	C	1C
R1064	B	C	3A	R2712	A	C	5C	R3323	B	C	4C	R3876	B	C	4B	R5017	B	C	1D	R6606	A	C	1C
R1067	B	C	2A	R2713	A	C	5C	R3324	B	C	4C	R4101	B	C	1C	R5018	B	C	1D	R6611	A	C	1C
R1068	B	C	2B	R2714	A	C	5C	R3325	B	C	4C	R4204	B	C	1C	R5019	A	C	1C	R6612	A	C	1C
R1080	B	C	4D	R2715	A	C	5C	R3326	B	C	4C	R4208	B	C	1B	R5020	A	C	1C	R6613	A	C	1C
R1081	B	C	4D	R2716	A	C	5C	R3327	B	C	4C	R4209	B	C	1C	R5021	A	C	1C	R6614	A	C	1C
R1082	B	C	4D	R2718	A	C	5C	R3328	B	C	4C	R4210	B	C	1C	R5022	A	C	2C	R6615	A	C	1C
R1083	B	C	4D	R2719	A	C	5C	R3329	B	C	4C	R4211	B	C	2B	R5023	A	C	2C	R6616	A	C	1C
R1084	B	C	4D	R2720	A	C	5C	R3330	B	C	4C	R4212	B	C	2B	R5024	A	C	1C	R7501	A	C	2A
R1085	B	C	4D	R2721	A	C	5C	R3331	B	C	4C	R4213	B	C	2B	R5025	A	C	1C	R7502	A	C	2A
R1087	B	C	3A	R2722	A	C	5C	R3332	B	C	4C	R4214	B	C	2B	R5026	A	C	1C	R7503	A	C	2A
R1101	B	C	1C	R2724	A	C	5C	R3333	B	C	4C	R4215	B	C	2B	R5027	B	C	1C	R7504	A	C	2A
R1102	B	C	1C	R2725	A	C	5C	R3334	B	C	4C	R4216	B	C	2C	R5028	B	C	1C	R8001	A	C	4B
R1104	B	C	1C	R2751	A	C	5C	R3335	B	C	4C	R4217	B	C	2C	R5036	B	C	1C	R8002	A	C	4B
R1106	B	C	1D	R2752	A	C	5C	R3336	B	C	4C	R4218	B	C	2C	R5037	B	C	1C	R8003	A	C	4B
R1107	B	C	1C	R2753	A	C	5C	R3337	B	C	4C	R4219	B	C	2C	R5039	B	C	1C	R8004	A	C	5C
R1108	B	C	1C	R2754	A	C	5C	R3338	B	C	4C	R4220	B	C	2C	R5040	B	C	1C	R8011	A	C	4C
R1109	B	C	1D	R2755	A	C	5C	R3339	B	C	4C	R4301	B	C	2C	R5041	B	C	1C	R8012	A	C	4C
R1201	A	C	4C	R2756	A	C	5D	R3340	B	C	3C	R4302	B	C	2C	R5042	B	C	1C	R8015	A	C	4B
R1202	A	C	4C	R2757	A	C	5D	R3341	B	C	3C	R4303	B	C	1C	R5043	A	C	2C	R8016	A	C	4B
R1401	B	C	5D	R2758	A	C	5D	R3342	B	C	3C	R4304	B	C	1C	R5044	A	C	2C	R8017	A	C	4B
R1402	B	C	5D	R2759	A	C	5D	R3344	B	C	3C	R4305	B	C	1C	R6001	B	C	4A	R8018	A	C	4B
R1403	B	C	5D	R2760	A	C	5D	R3349	B	C	3C	R4306	B	C	1C	R6002	B	C	5A	R8021	A	C	4B
R1404	B	C	5D	R2764	A	C	5D	R3350	B	C	3C	R4307	A	C	2C	R6003	B	C	5A	R8022	A	C	4B
R1408	B	C	4D	R2765	A	C	5D	R3351	B	C	3C	R4308	A	C	2C	R6004	B	C	4A	R8023	A	C	4B
R1409	A	C	3A	R2766	A	C	5D	R3352	B	C	3B	R4309	B	C	1C	R6005	B	C	4A	R8049	A	C	5A
R1410	A	C	3A	R2767	A	C	5D	R3353	B	C	3B	R4310	B	C	1C	R6006	B	C	5A	R8050	A	C	4B
R1411	A	C	3A	R2768	A	C	5D	R3501	A	C	3C	R4311	B	C	1C	R6007	B	C	5A	R8051	A	C	4B
R1412	A	C	3A	R2769	A	C	5D	R3502	A	C	3C	R4312	B	C	2C	R6008	B	C	5A	R8064	A	C	4B
R1413	A	C	3A	R2770	A	C	5D	R3503	A	C	3C	R4313	B	C	2C	R6009	B	C	5A	R8065	A	C	4B
R1415	B	C	4C	R2771	A	C	5D	R3504	A	C	3C	R4314	B	C	2B	R6010	B	C	5A	R8069	A	C	4C
R1417	B	C	5C	R2772	A	C	5D	R3505	A	C	3D	R4315	B	C	2B	R6011	B	C	4A	R8070	A	C	5B
R1418	B	C	4C	R2773	A	C	5D	R3506	A	C	3D	R4316	B	C	2C	R6012	B	C	5A	R8071	A	C	5B
R1419	B	C	4C	R2774	A	C	5C	R3507	A	C	3D	R4317	B	C	2C	R6013	B	C	5A	R8072	A	C	5C
R1420	B	C	4C	R3001	B	C	2D	R3508	A	C	4D	R4318	B	C	1C	R6017	B	C	5A	R8073	A	C	5B
R1421	B	C	4C	R3002	B	C	2D	R3509	A	C	3D	R4319	B	C	2C	R6018	B	C	5A	R8074	A	C	5B
R1422	B	C	5C	R3003	B	C	2D	R3510	A	C	4D	R4320	B	C	2B	R6019	B	C	5A	R8075	A	C	5B
R1423	B	C	5C	R3004	B	C	2D	R3511	A	C	4D	R4321	B	C	2B	R6101	A	C	5B	R8076	A	C	5C
R1424	B	C	5C	R3005	B	C	2D	R3512	A	C	4D	R4322	A	C	3D	R6102	A	C	5B	R8077	A	C	5C
R1425	B	C	5C	R3006	B	C	2C	R3513	A	C	4D	R4323	A	C	3D	R6103	A	C	5A	R8101	A	C	4B
R1426	B	C	5C	R3007	B	C	2C	R3514	A	C	4C	R4324	B	C	2B	R6104	A	C	5B	R8102	A	C	4A
R1427	B	C	5C	R3008	B	C	3C	R3515	A	C	4C	R4325	B	C	3C	R6105	A	C	5A	R8104	A	C	4B
R1428	B	C	5C	R3009	B	C	3D	R3516	A	C	4C	R4326	B	C	2C	R6106	A	C	5B	R8105	A	C	4B
R1429	B	C	5C	R3010	B	C	3D	R3517	A	C	3D	R4327	B	C	2C	R6107	A	C	5B	R8106	A	C	4B
R1430	B	C	5D	R3011	B	C	3D	R3551	B	C	4D	R4328	A	C	2C	R6109	A	C	5B	R8107	A	C	4A
R1431	B	C	5D	R3012	B	C	3D	R3552	B	C	4D	R4329	A	C	2C	R6110	A	C	5B	R8108	A	C	4A
R1432	B	C	5D	R3013	B	C	3D	R3554	B	C	3D	R4334	A	C	3D	R6111	A	C	5B	R8109	A	C	4A
R1433	B	C	5D	R3014	B	C	2D	R3555	A	C	4C	R4335	A	C	3D	R6112	A	C	5B	R8110	A	C	4A
R1434	B	C	5D	R3015	B	C	2D	R3556	A	C	3D	R4336	A	C	4D	R6114	A	C	5B	R8111	A	C	4A
R1436	B	C	5D	R3016	B	C	2D	R3701	B	C	5C	R4337	B	C	2B	R6115	A	C	5B	R8112	A	C	4A
R1438	B	C	4C	R3017	B	C	2D	R3702	B	C	5C	R4338	B	C	3B	R6117	A	C	5B	R8113	A	C	4B
R1439	B	C	5C	R3018	B	C	3D	R3703	B	C	5C	R4339	B	C	2B	R6118	A	C	5B	R8114	A	C	4B
R1440	B	C	5C	R3019	B	C	2D	R3704	B	C	5C	R4340	B	C	3B	R6120	A	C	5B	R8115	A	C	4B
R1441	B	C	5C	R3020	B	C	2D	R3705	B	C	5C	R4341	A	C	3D	R6122	A	C	5B	R8116	A	C	4A
R1442	B	C	4C	R3021	B	C	3D	R3706	B	C	5D	R4342	A	C	3D	R6123	A	C	5B	R8117	A	C	4A
R1443	B	C	5C	R3022	B	C	3C	R3707	B	C	5D	R4345	B	C	2C	R6124	A	C	5B	R8118	A	C	4B
R1444	B	C	4C	R3023	B	C	3C	R3708	B	C	5D	R4346	B	C	2C	R6125	A	C	5B	R8119	A	C	4A
R1447	A	C	2D	R3024	B	C	2D	R3709	B	C	5C	R4347	A	C	2C	R6126	A	C	5B	R8120	A	C	4A
R1448	A	C	2D	R3026	B	C	2D	R3710	B	C	5C	R4348	B	C	2B	R6127	A	C	5B	R8121	A	C	4B
R1449	A	C	2D	R3031	B	C	2D	R3711	B	C	5C	R4351	A	C	2C	R6128	A	C	5B	R8122	A	C	4A
R1450	A	C	2D	R3032	B	C	2D	R3712	B	C	5C	R4352	A	C	2C	R6129	A	C	5A	R8123	A	C	4A
R1451	A	C	4D	R3033	B	C	2D	R3713	B	C	5D	R4353	A	C	3B	R6130	A	C	5A	R8124	A	C	4A
R1452	A	C	4D	R3036	B	C	3D	R3714	B	C	5D	R4354	A	C	3B	R6131	A	C	5A	R8125	A	C	4A
R1453	A	C	5D	R3037	B	C	3D	R3718	B	C	5D	R4355	B	C	2C	R6132	A	C	5A	R8126	A	C	4B
R1454	A	C	4D	R3038	B	C	2C	R3719	B	C	5D	R4356	B	C	2C	R6134	A	C	5A	R8127	A	C	4B
R1455	A	C	4D	R3039	B	C	2C	R3720	B	C	5D	R4358	B	C	2C	R6135	A	C	5A	R8128	A	C	4A
R1456	A	C	4D	R3040	B	C	2C	R3721	B	C	5C	R4359	B	C	2C	R6136	A	C	5A	R8129	A	C	4A
R1457	A	C	4D	R3041	B	C	2C	R3722	B	C	5C	R4360	B	C	2C	R6138	A	C	5A	R8130	A	C	4A
R1458	A	C	4D	R3101	A	C	2D	R3723	B	C	5D	R4361	B	C	2C	R6139	A	C	5A	R8131	A	C	4B
R1459	A	C	4D	R3102	A	C	2D	R3724	B	C	5D	R4362	B	C	2C	R6140	A	C	5A	R8132	A	C	4B
R1460	A	C	4D	R3103	A	C	2D	R3725	B	C	5D	R4363	B	C	2C	R6142	A	C	5A	R8133	A	C	4B
R1461	B	C	4D	R3104	A	C	2C	R3726	B	C	5D	R4364	B	C	2C	R6143	A	C	5A	R8134	A	C	4B
R1462	B	C	4C	R3105	A	C	2C	R3727	B	C	5C	R4365	B	C	2C	R6144	A	C	5A	R8135	A	C	4A
R1463	B	C	5C	R3106	A	C	2C	R3728	B	C	5D	R4366	A	C	2C	R6146	A	C	5A	RA1001	B	C	3B
R1464	B	C	5C	R3107	A	C	3D	R3731	B	C	5C	R4367	A	C	2B	R6147	B	C	5B	RA1002	B	C	2B
R1465	A	C	5D	R3108	A	C	3D	R3732	B	C	5C	R4368	B	C	2C	R6148	B	C	5A	RA1003	B	C	3B
R1466	A	C	4D	R3109	A	C	3D	R3733	B	C	5C	R4369	A	C	3B	R6151	B	C	5B	RA1004	B	C	2B
R1469	B	C	5D	R3110	A	C	3D	R3734	B	C	5C	R4370	A	C	3B	R6152	B	C	4A	RA1005	B	C	2A
R1470	B	C	5D	R3111	A	C	3D	R3801	A	C	3C	R4371	A	C	3B	R6155	B	C	5B	RA1401	B	C	5C
R1471	B	C	5D	R3112	B	C	3D	R3802	A	C	3C	R4372	A	C	3B	R6156	B	C	4A	RA1402	B	C	5C
R1472	B	C	4D	R3113	A	C	2D	R3803	A	C	3C	R4373	A	C	3B	R6157	B	C	4B	RA1403	B	C	5C
R1473	A	C	4D	R3114	A	C	2D	R3804	A	C	3C	R4374	A	C	3B	R6158	B	C	4B	RA1404	B	C	5C
R1474	A	C	4D	R3115	A	C	3D	R3805	A	C	3C	R4375	A	C	3B	R6159	A	C	5A	RA1405	B	C	5C
R1476	A	C	4D	R3116	A	C	3D	R3806	A	C	3C	R4376	A	C	3B	R6163	A	C	5A	RA4301	B	C	3C
R1477	A	C	4D	R3117	A	C	3D	R3807	A	C	3B	R4377	A	C	3B	R6164	A	C	5A	RA4302	B	C	3C
R1478	A	C	3A	R3118	A	C	3D	R3808	A	C	3B	R4378	A	C	3B	R6165	A	C	5A	RA4303	B	C	3C
R1479	A	C	3A	R3201	B	C	4D	R3809	A	C	3C	R4379	B	C	2C	R6170	A	C	5B	RA4304	B	C	3C
R1480	A	C	4D	R3202	B	C	4D	R3810	A	C	3C	R4381	B	C	2C	R6171	A	C	5B	RA4307	B	C	3C
R1481	A	C	4D	R3203	B	C	4C	R3811	A	C	3C	R4382	B	C	2C	R6201	B	C	3B	RA4308	B	C	3B
R1482	A	C	4D	R3204	B	C	4D	R3812	A	C	3C	R4383	B	C	2C	R6202	B	C	3A	RA8001	A	C	3B
R1483	A	C	4D	R3208	B	C	4C	R3813	A	C	3C	R4384	B	C	2C	R6203	B	C	3A	RA8002	A	C	3B
R1484	A	C	4D	R3209	B	C	4C	R3814	B	C	3B	R4385	B	C	2C	R6204	B	C	3B	RA8003	A	C	3C
R1485	A	C	4D	R3211	B	C	4C	R3851	B	C	3B	R4386	B	C	2C	R6205	B	C	3B	RA8004	A	C	3C
R1486	A	C	3A	R3301	B	C	4B	R3852	B	C	3B	R4387	B	C	2C	R6206	B	C	3B				
R1487	A	C	3A	R3302	B	C	4B	R3853	B	C	3B	R4388	B	C	2C	R6207	B	C	3B				
R1488	A	C	3A	R3303	B	C	4C	R3854	B	C	3B	R4389	B	C	2C	R6208	B	C	3B				
R1489	A	C	3A	R3305	B	C	4B	R3855	B	C	3B	R4390	B	C	2C	R6209	B	C	4B				
R1490	A	C	3A	R3306	B	C	4B	R3856	B	C	3B	R5003	B	C	1C	R6210	B	C	4B				
R1491	A	C	3A	R3308	B	C	4B	R3857	B	C	3B	R5004	B	C	1D	R6211	B	C	4B				
R1495	A	C	3A	R3310	B	C	4B	R3858	B	C	3B	R5005	B	C	1C	R6212	B	C	4B				
R1496	A	C	3A	R3312	B	C	4B	R3859	B	C	3B	R5006	B	C	1C	R6213	B	C	3B				
R1497	A	C	3A	R3313	B	C	3B	R3861	B	C	3B	R5007	B	C	1C	R6214	B	C	3B				
R1498	A	C	3A	R3314	B	C	4C	R3862	B	C	3B	R5008	B	C	1D	R6215	B	C	3B				
R1499	B	C	4D	R3315	B	C	4C	R3863	B	C	3B	R5009	B	C	1C	R6216	B	C	3B				
R2701	A	C	5C	R3316	B	C	4B	R3869	B	C	3B	R5010	B	C	1C	R6217	B	C	3A				
R2702	A	C	5C	R3317	B	C	4B	R3870	B	C	3B	R5011	B	C	1C	R6301	A	C	3A				
R2705	A	C	5C	R3318	B	C	4C	R3871	B	C	3B	R5012	B	C	1C	R6601	A	C	1C				
R2706	A	C	5C					R3872	B	C	3B	R5013	B	C	1C	R6602	A	C	1C				

FUSE			
F6101	B	C	5B
F6102	A	C	5B
F6103	B	C	5B
F6104	B	C	4A

TEST POINT			
TP1	A	D	5B
TP2	A	D	5B
TP3	A	D	5C

REF.No.	LOCATION		
OTHER			
FL3851	B	C	3B
FL3852	B	C	3B
J101	A	C	3D
JP3101	B	C	3D
JP3102	B	C	3D
S1001	A	C	3D
S1401	A	C	3A
TH3301	B	C	4C
TL1002	A	C	2A
TL1006	A	C	2A
TL1401	A	C	4D
TL1402	A	C	4D
TL1406	A	C	4D
TL1407	A	C	4D
TL1411	A	C	3C
TL1412	A	C	4C
TL1413	A	C	4D
TL1414	A	C	3A
TL1415	A	C	3A
TL1416	A	C	2A
TL1417	A	C	4D
TL1418	A	C	4D
TL1420	A	C	4D
TL1421	A	C	4D
TL1422	A	C	4D
TL1423	A	C	4C
TL3501	A	C	3B
TL4201	B	C	1C
TL4202	B	C	1C
TL4301	B	C	2B
TL6301	A	D	3A
TL8001	A	C	3A
TL8002	A	C	5B
TL8003	A	C	4B
TL8004	A	C	5B
TL8005	A	C	5B
TL8006	A	C	4C
TL8007	A	C	3A
TL8008	A	C	3A
TL8010	A	C	4B
TL8011	A	C	4B
TL8018	A	C	5C
TL8019	A	C	5B
TL8020	A	C	5B
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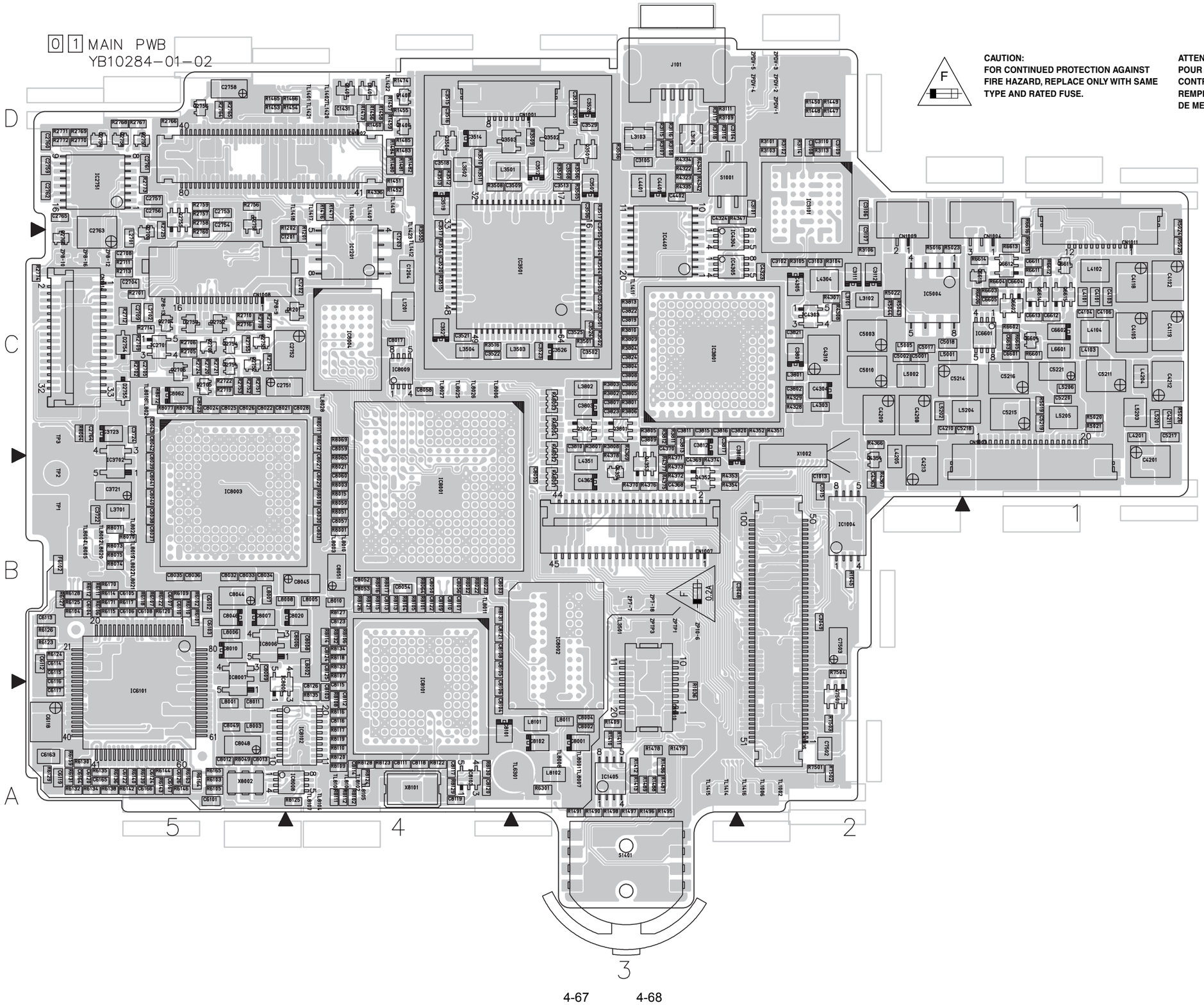
TL8023	A	C	5B
TL8024	A	C	5C
TL8025	A	C	4C
TL8026	A	C	4C
TL8027	A	C	4C
TL8028	A	C	4C
TL8101	A	C	4A
TL8102	A	C	4A
TL8104	A	C	4A
TL8105	A	C	4A
TL8106	A	C	4A
TL8107	A	C	4A
X1001	B	C	3A
X1002	A	C	2B
X3001	B	C	2D
X3301	B	C	3C
X4301	B	C	2C
X8002	A	C	5A
X8101	A	C	4A
ZP5-2	B	C	3B
ZP5-3	B	C	3B
ZP5-4	B	C	3B
ZP7-7	A	C	3B
ZP8-9	A	C	5C
ZP10-6	A	C	3B
ZP14-6	B	C	3A
ZP14-7	B	C	3A
ZP14-9	B	C	5B
ZP7-18	A	C	3B
ZP8-10	A	C	5C
ZP8-12	A	C	5C
ZP8-13	A	C	5C
ZP8-16	A	C	5C
ZP14-16	B	C	5C
ZP14-18	B	C	5C
ZP14-21	B	C	5D
ZPDV-1	A	C	2D
ZPDV-2	A	C	2D
ZPDV-3	A	C	2D
ZPDV-4	A	C	2D
ZPDV-5	A	C	2D
ZPTP1	A	C	3B
ZPTP3	A	C	3B

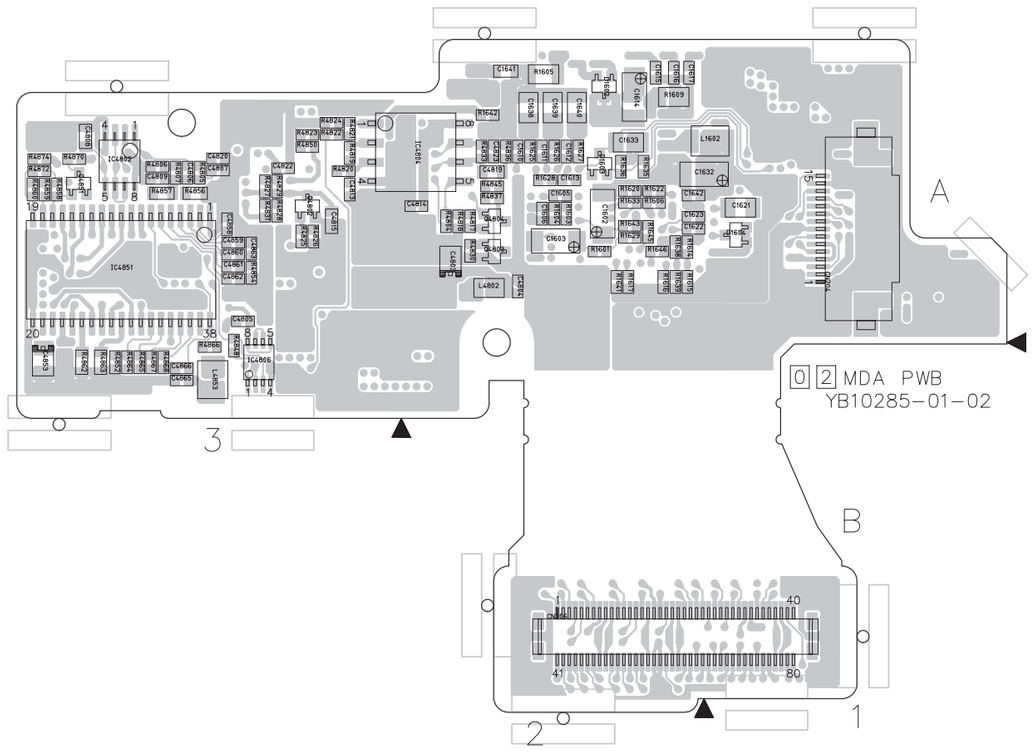
4-66

COMPONENT SIDE (A)

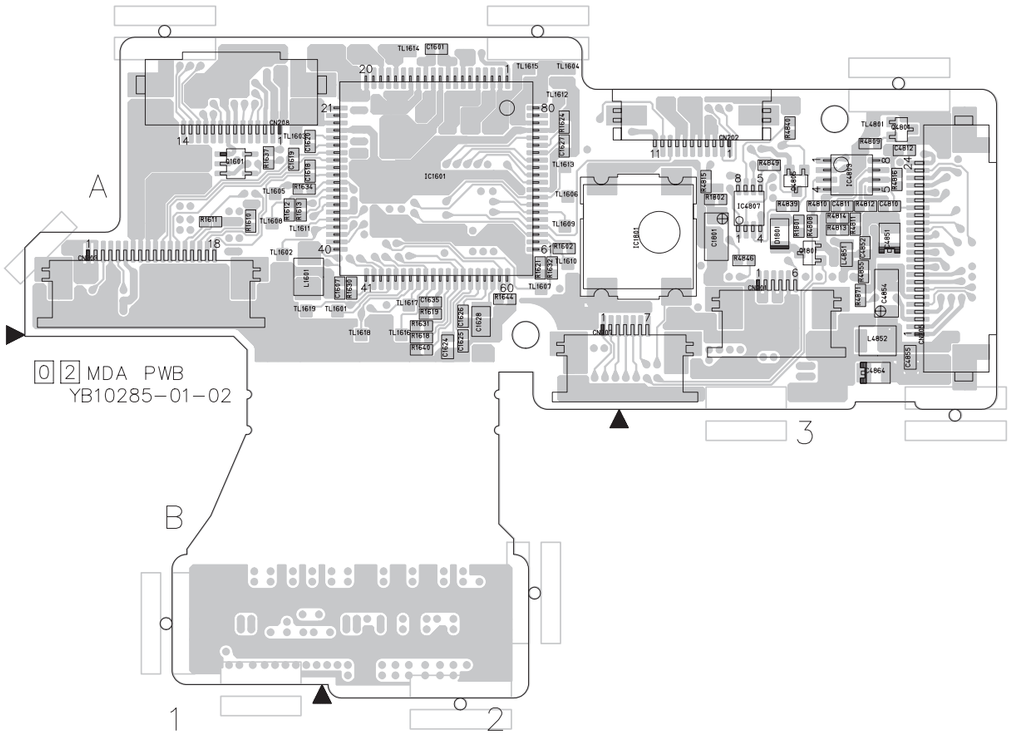


4.32 MDA AND CCD CIRCUIT BOARDS

FOIL SIDE (B)



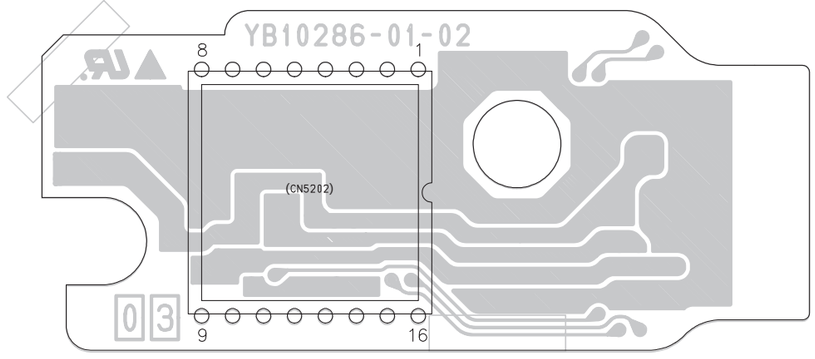
COMPONENT SIDE (A)



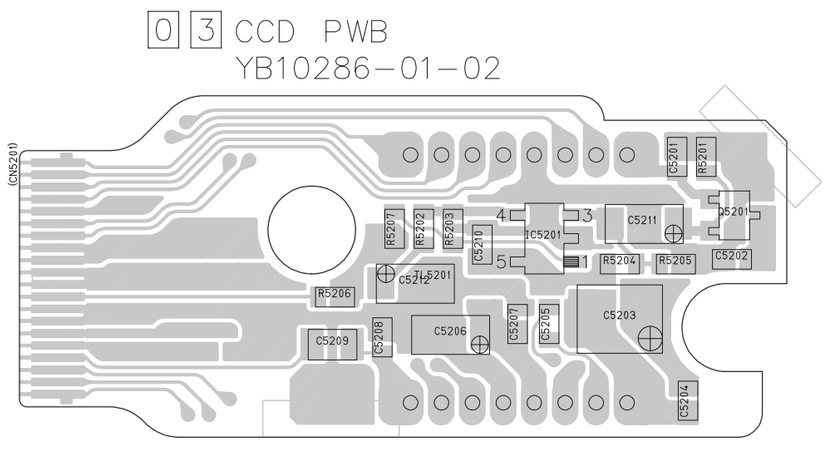
COMPONENT PARTS LOCATION GUIDE (MDA)

REF.No.	LOCATION
CAPACITOR	
C1601	A C 2A
C1602	B C 2A
C1603	B C 2A
C1605	B C 2A
C1606	B C 2A
C1607	A C 2A
C1610	B C 2A
C1611	B C 2A
C1612	B C 2A
C1613	B C 2A
C1614	B C 2A
C1615	B C 2A
C1616	B C 2A
C1617	B C 2A
C1618	A C 1A
C1619	A C 1A
C1620	A C 1A
C1621	B C 1A
C1622	B C 2A
C1623	B C 2A
C1624	A C 2B
C1625	A C 2B
C1626	A C 2B
C1627	A C 2A
C1628	A C 2B
C1632	B C 2A
C1633	B C 2A
C1635	A C 2B
C1638	B C 2A
C1639	B C 2A
C1640	B C 2A
C1641	B C 2A
C1642	B C 2A
C1801	A C 3A
C4803	B C 2A
C4804	B C 2A
C4805	B C 3B
C4806	B C 3A
C4807	B C 3A
C4808	B C 3A
C4809	B C 3A
C4810	A C 3A
C4811	A C 3A
C4812	A C 3A
C4813	B C 3A
C4814	B C 2A
C4815	B C 3A
C4819	B C 2A
C4820	B C 3A
C4822	B C 3A
C4823	B C 2A
C4851	A C 3A
C4852	A C 3A
C4853	B C 3B
C4854	A C 3A
C4855	A C 3B
C4858	B C 3A
C4859	B C 3A
C4860	B C 3A
C4861	B C 3A
C4862	B C 3A
C4863	B C 3A
C4864	A C 3B
C4865	B C 3B
C4866	B C 3B
CONNECTOR	
CN201	A C 3A
CN202	A C 3A
CN203	A C 1A
CN204	B C 1A
CN205	A C 3B
CN206	B C 2B
CN207	A C 2B
CN208	A C 1A
DIODE	
D1602	B C 2A
D1603	B C 2A
D1604	B C 1A
D1801	A C 3A
IC	
IC1601	A C 2A
IC1801	A C 3A
IC4802	B C 3A
IC4803	A C 3A
IC4804	B C 2A
IC4806	B C 3B
IC4807	A C 3A
IC4851	B C 3A
COIL	
L1601	A C 1A
L1602	B C 1A
L4802	B C 2A
L4851	A C 3A
L4852	A C 3B
L4853	B C 3B
TRANSISTOR	
Q1601	A C 1A
Q1801	A C 3A
Q4801	A C 3A
Q4802	B C 3A
Q4803	B C 2A
Q4804	B C 2A
Q4805	A C 3A
Q4851	B C 3A
RESISTOR	
R1601	B C 2A
R1602	A C 2A
R1603	B C 2A
R1604	B C 2A
R1605	B C 2A
R1606	B C 2A
R1609	B C 2A
R1610	A C 1A
R1611	A C 1A
R1612	A C 1A
R1613	A C 2A
R1614	B C 2A
R1615	B C 2A
R1616	B C 2A
R1617	B C 2A
R1618	A C 2B
R1619	A C 2B
R1620	B C 2A
R1621	A C 2A
R1622	B C 2A
R1624	A C 2A
R1625	B C 2A
R1626	B C 2A
R1627	B C 2A
R1628	B C 2A
R1629	B C 2A
R1630	A C 2A
R1631	A C 2A
R1632	A C 2A
R1633	B C 2A
R1634	A C 1A
R1635	B C 2A
R1636	B C 2A
R1637	A C 1A
R1638	B C 2A
R1639	B C 2A
R1640	A C 2B
R1641	B C 2A
R1642	B C 2A
R1643	B C 2A
R1644	A C 2A
R1645	B C 2A
R1646	B C 2A
R1801	A C 3A
R1802	A C 3A
R4804	B C 3A
R4805	B C 3A
R4806	B C 3A
R4807	B C 3A
R4808	A C 3A
R4809	A C 3A
R4810	A C 3A
R4811	A C 3A
R4812	A C 3A
R4813	A C 2B
R4814	A C 3A
R4815	A C 3A
R4816	A C 3A
R4817	B C 2A
R4818	B C 2A
R4819	B C 3A
R4820	B C 3A
R4821	B C 3A
R4822	B C 3A
R4823	B C 3A
R4824	B C 3A
R4825	B C 3A
R4826	B C 3A
R4827	B C 3A
R4828	B C 3A
R4829	B C 3A
R4830	B C 2A
R4831	B C 3A
R4833	B C 2A
R4836	B C 2A
R4837	B C 2A
R4839	A C 3A
R4840	A C 3A
R4845	B C 2A
R4846	A C 3A
R4848	B C 3B
R4849	A C 3A
R4850	B C 3A
R4852	B C 3B
R4854	B C 3A
R4855	A C 3A
R4856	B C 3A
R4857	B C 3A
R4858	B C 3A
R4859	B C 3A
R4860	B C 3A
R4862	B C 3B
R4863	B C 3B
R4864	B C 3B
R4865	B C 3B
R4866	B C 3B
R4867	B C 3B
R4868	B C 3B
R4870	B C 3A
R4871	A C 3A
R4872	B C 3A
R4874	B C 3A
OTHER	
TL1601	A C 2B
TL1602	A C 1A
TL1603	A C 1A
TL1604	A C 2A
TL1605	A C 1A
TL1606	A C 2A
TL1607	A C 2A
TL1608	A C 1A
TL1609	A C 2A
TL1610	A C 2A
TL1611	A C 1A
TL1612	A C 2A
TL1613	A C 2A
TL1614	A C 2A
TL1615	A C 2A
TL1616	A C 2B
TL1617	A C 2B
TL1618	A C 2B
TL1619	A C 1B
TL4801	A C 3A

FOIL SIDE (B)



COMPONENT SIDE (A)

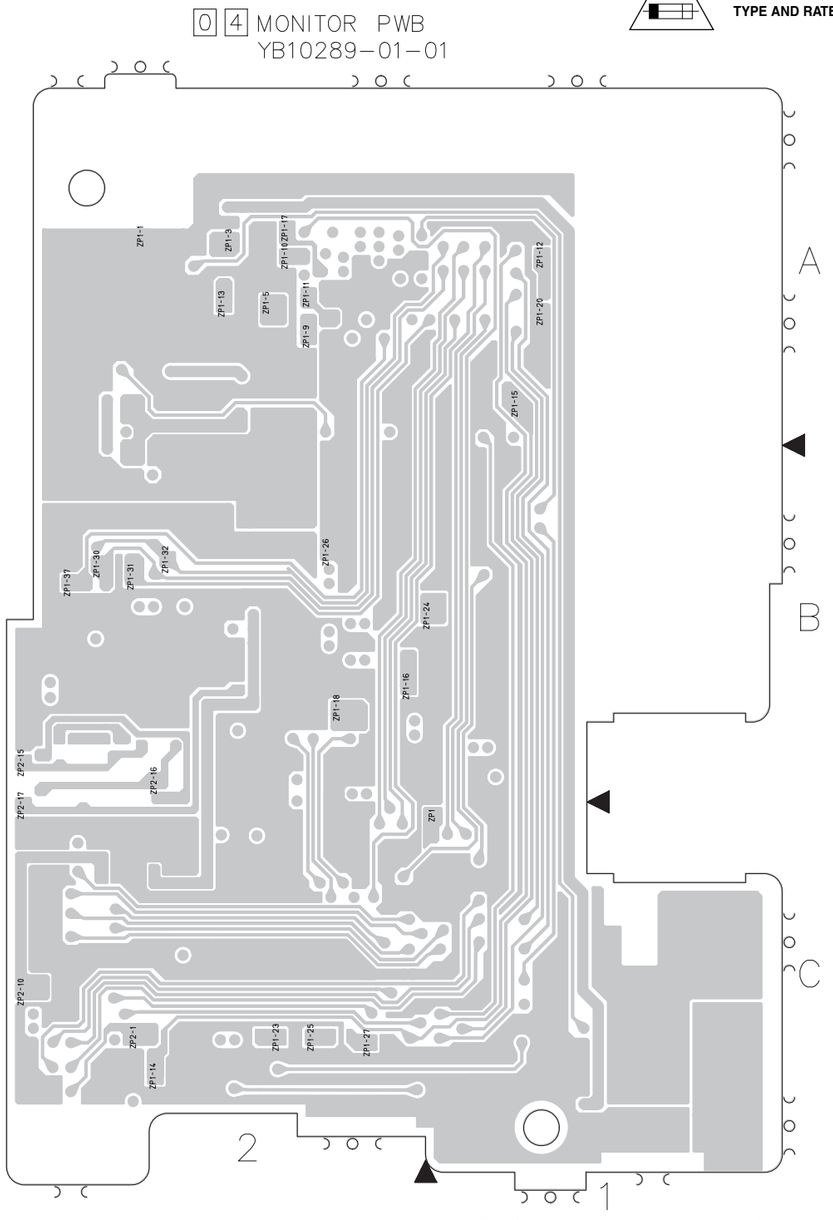


4.33 MONITOR CIRCUIT BOARD

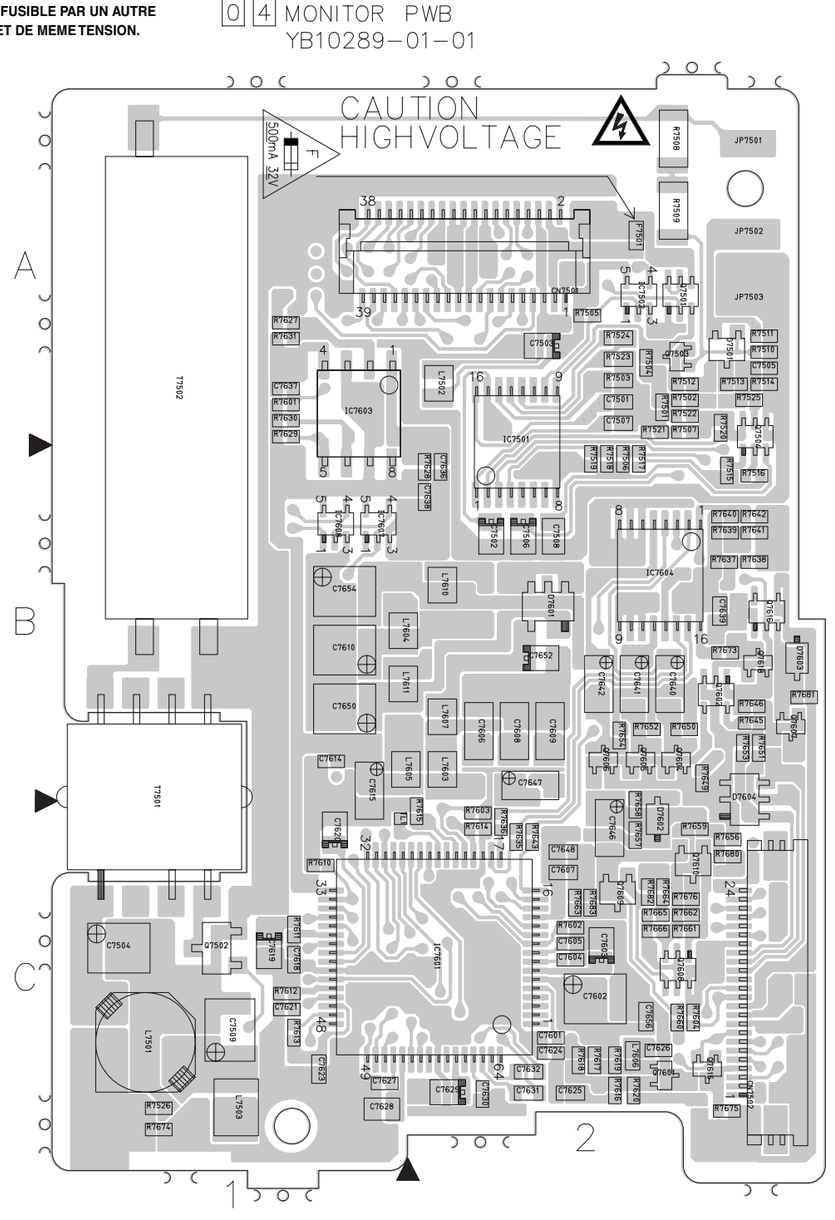
FOIL SIDE (B)

CAUTION:
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE AND RATED FUSE.

ATTENTION:
POUR UNE PROTECTION PERMANENTE CONTRE LES RISQUE DÕINCENDIE, REMPLACER LE FUSIBLE PAR UN AUTRE DE MEME TYPE ET DE MEME TENSION.



COMPONENT SIDE (A)



COMPONENT PARTS LOCATION GUIDE (MONITOR)

REF.No.	LOCATION		
CAPACITOR			
C7501	A	C	2A
C7502	A	C	2B
C7503	A	C	2A
C7504	A	C	1C
C7505	A	C	3A
C7506	A	C	2B
C7507	A	C	2A
C7508	A	C	2B
C7509	A	C	1C
C7601	A	C	2C
C7602	A	C	2C
C7603	A	C	2C
C7604	A	C	2C
C7605	A	C	2C
C7606	A	C	2B
C7607	A	C	2C
C7608	A	C	2B
C7609	A	C	2B
C7610	A	C	1B
C7614	A	C	1B
C7615	A	C	1C
C7618	A	C	1C
C7619	A	C	1C
C7620	A	C	1C
C7621	A	C	1C
C7623	A	C	1C
C7624	A	C	2C
C7625	A	C	2C
C7626	A	C	2C
C7627	A	C	1C
C7628	A	C	1C
C7629	A	C	2C
C7630	A	C	2C
C7631	A	C	2C
C7632	A	C	2C
C7636	A	C	2B
C7637	A	C	1A
C7638	A	C	2B
C7639	A	C	2B
C7640	A	C	2B
C7641	A	C	2B
C7642	A	C	2B
C7646	A	C	2C
C7647	A	C	2B
C7648	A	C	2C
C7650	A	C	1B
C7652	A	C	2B
C7654	A	C	1B
C7656	A	C	2C

REF.No.	LOCATION		
CONNECTOR			
CN7501	A	C	2A
CN7502	A	C	2C
DIODE			
D7501	A	C	2A
D7601	A	C	2B
D7602	A	C	2C
D7603	A	C	3B
D7604	A	C	2C
FUSE			
F7501	A	C	2A
IC			
IC7501	A	C	2B
IC7502	A	C	2A
IC7601	A	C	2C
IC7603	A	C	1A
IC7604	A	C	2B
IC7607	A	C	1B
IC7608	A	C	1B
COIL			
L7501	A	C	1C
L7502	A	C	2A

REF.No.	LOCATION		
L7503	A	C	1C
L7603	A	C	2B
L7604	A	C	1B
L7605	A	C	1B
L7606	A	C	2C
L7607	A	C	2B
L7610	A	C	2B
L7611	A	C	1B
TRANSISTOR			
Q7501	A	C	2A
Q7502	A	C	1C
Q7503	A	C	2A
Q7504	A	C	2B
Q7601	A	C	2C
Q7602	A	C	2B
Q7604	A	C	2B
Q7605	A	C	2B
Q7606	A	C	2B
Q7607	A	C	3B
Q7608	A	C	2C
Q7609	A	C	2C
Q7610	A	C	2C
Q7615	A	C	2C
Q7616	A	C	3B
Q7618	A	C	2B

REF.No.	LOCATION		
RESISTOR			
R7501	A	C	2A
R7502	A	C	2A
R7503	A	C	2A
R7504	A	C	2A
R7505	A	C	2A
R7506	A	C	2B
R7507	A	C	2A
R7508	A	C	2A
R7509	A	C	2A
R7510	A	C	3A
R7511	A	C	2A
R7512	A	C	2A
R7513	A	C	2A
R7514	A	C	3A
R7515	A	C	2B
R7516	A	C	2B
R7517	A	C	2A
R7518	A	C	2B
R7519	A	C	2B
R7520	A	C	2A
R7521	A	C	2A
R7522	A	C	2A
R7523	A	C	2A
R7524	A	C	2A
R7525	A	C	2A

REF.No.	LOCATION		
R7526	A	C	1C
R7601	A	C	1A
R7602	A	C	2C
R7603	A	C	2C
R7604	A	C	2C
R7610	A	C	1C
R7611	A	C	1C
R7612	A	C	1C
R7613	A	C	1C
R7614	A	C	2C
R7615	A	C	2C
R7616	A	C	2C
R7617	A	C	2C
R7618	A	C	2C
R7619	A	C	2C
R7620	A	C	2C
R7627	A	C	1A
R7628	A	C	2B
R7629	A	C	1B
R7630	A	C	1A
R7631	A	C	1A
R7635	A	C	2C
R7636	A	C	2C
R7637	A	C	2B
R7638	A	C	2B
R7639	A	C	2B

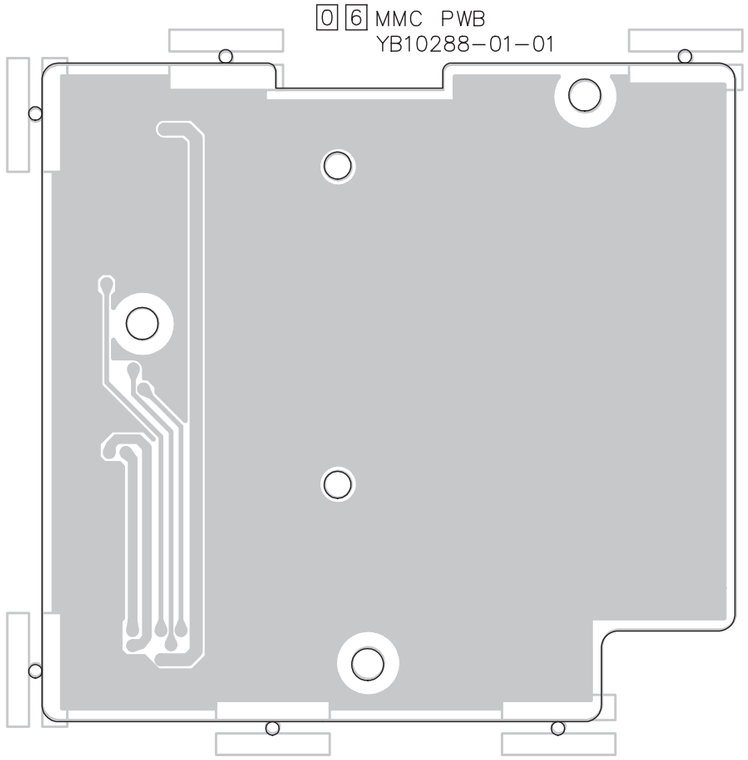
REF.No.	LOCATION		
R7640	A	C	2B
R7641	A	C	2B
R7642	A	C	2B
R7643	A	C	2C
R7645	A	C	2B
R7646	A	C	2B
R7649	A	C	2B
R7650	A	C	2B
R7651	A	C	2B
R7652	A	C	2B
R7653	A	C	2C
R7654	A	C	2C
R7656	A	C	2C
R7657	A	C	2C
R7658	A	C	2C
R7659	A	C	2C
R7660	A	C	2C
R7661	A	C	2C
R7662	A	C	2C
R7663	A	C	2C
R7664	A	C	2C
R7665	A	C	2C
R7666	A	C	2C
R7673	A	C	2B
R7674	A	C	1C
R7675	A	C	2C

REF.No.	LOCATION		
R7676	A	C	2C
R7680	A	C	2C
R7681	A	C	3B
R7682	A	C	2C
R7683	A	C	2C
OTHER			
JP7501	A	C	2A
JP7502	A	C	2A
JP7503	A	C	2A
T7501	A	C	1C
T7502	A	C	1A
TL1	A	C	1C
ZP1	B	C	1C
ZP1-1	B	C	2A
ZP1-3	B	C	2A
ZP1-5	B	C	2A
ZP1-9	B	C	2A
ZP2-1	B	C	2C
ZP1-10	B	C	2A
ZP1-11	B	C	2A
ZP1-12	B	C	1A
ZP1-13	B	C	2A
ZP1-14	B	C	2C
ZP1-15	B	C	1A
ZP1-16	B	C	2B

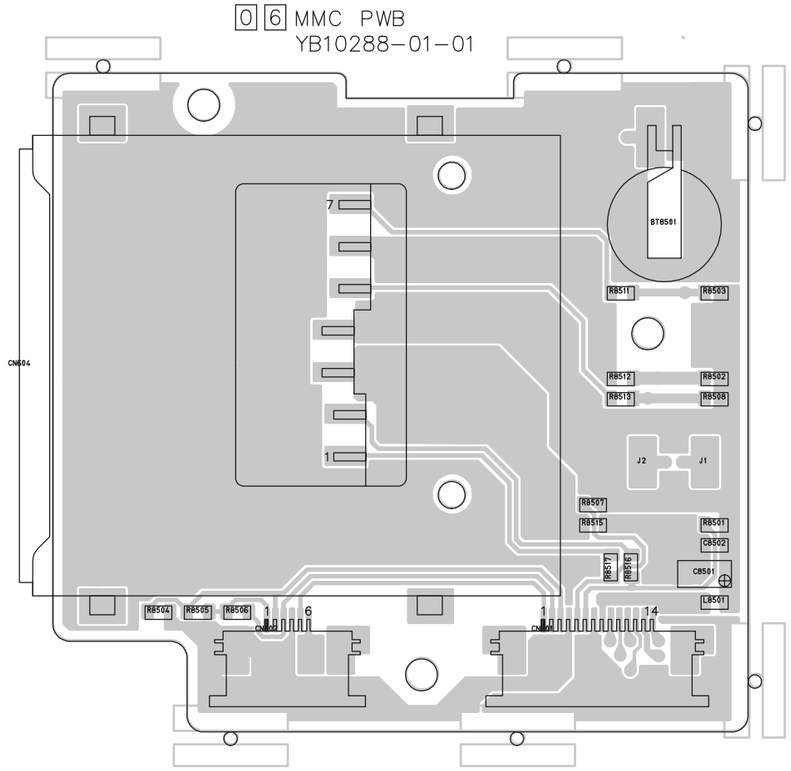
REF.No.	LOCATION		
ZP1-17	B	C	2A
ZP1-18	B	C	2B
ZP1-20	B	C	1A
ZP1-23	B	C	2C
ZP1-24	B	C	1B
ZP1-25	B	C	2C
ZP1-26	B	C	2B
ZP1-27	B	C	2C
ZP1-30	B	C	2B
ZP1-31	B	C	2B
ZP1-32	B	C	2B
ZP1-37	B	C	2B
ZP2-10	B	C	3C
ZP2-15	B	C	3B
ZP2-16	B	C	2B
ZP2-17	B	C	3C

4.34 MMC AND STROBE CURCUIT BOARDS

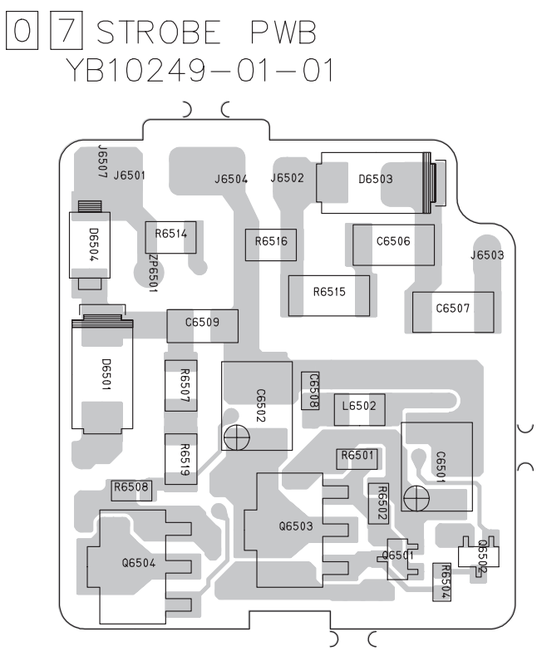
FOIL SIDE (B)



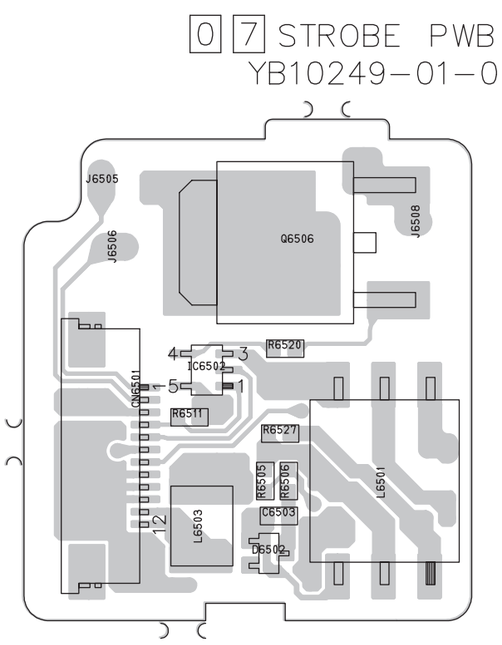
COMPONENT SIDI (A)



FOIL SIDE (B)

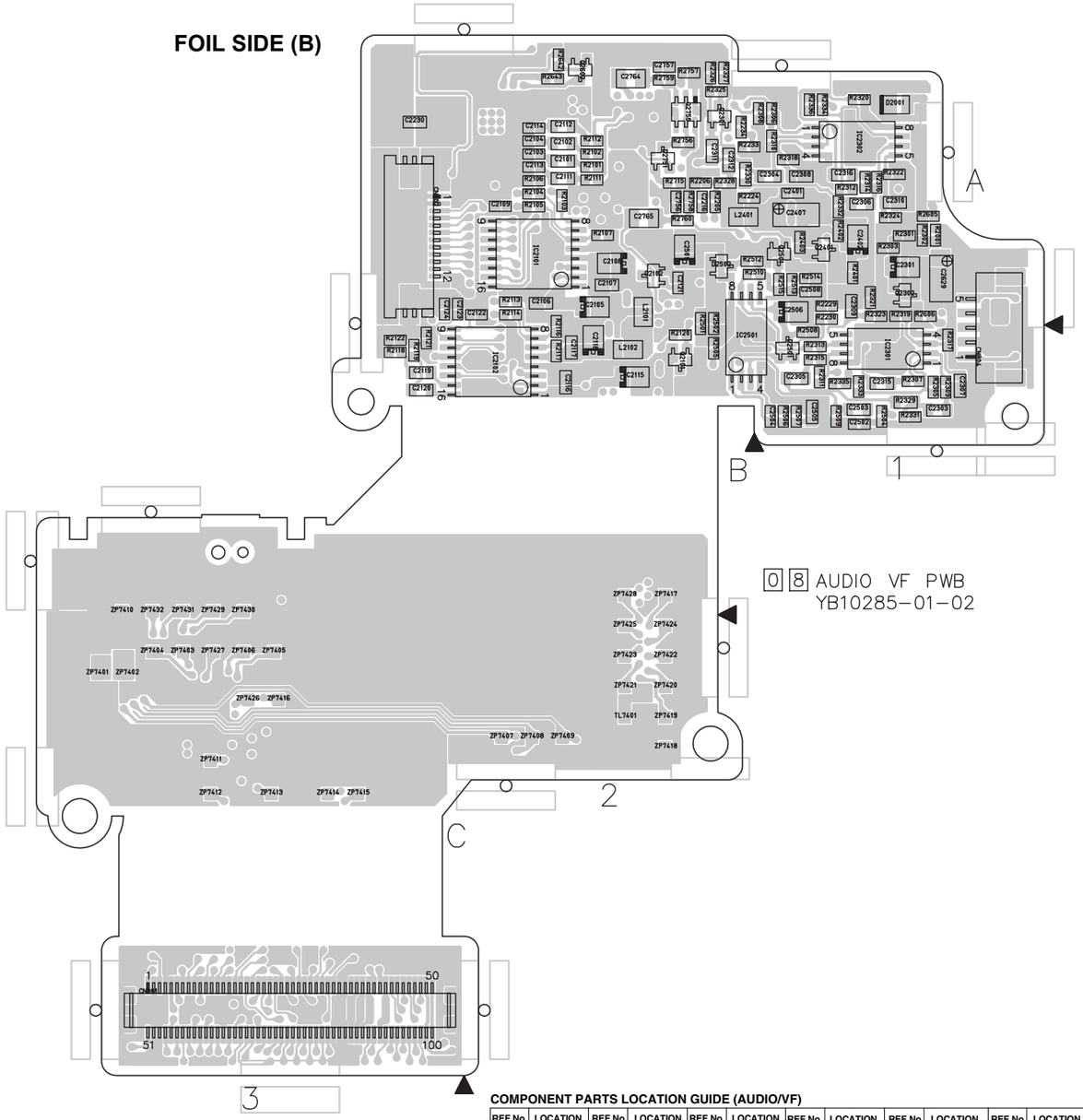


COMPONENT SIDE (B)

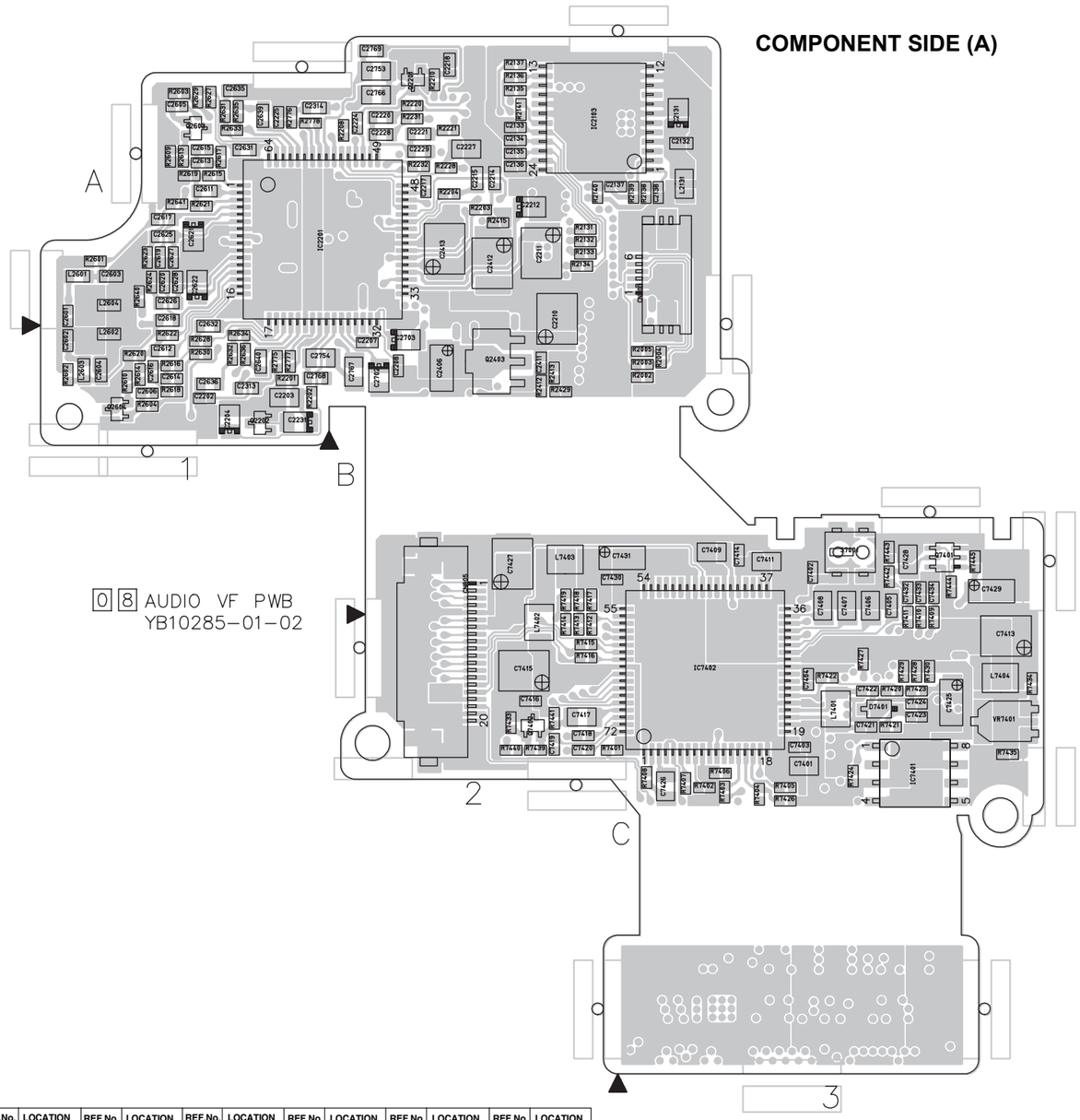


4.35 AUDIO VF CIRCUIT BOARD

FOIL SIDE (B)



COMPONENT SIDE (A)



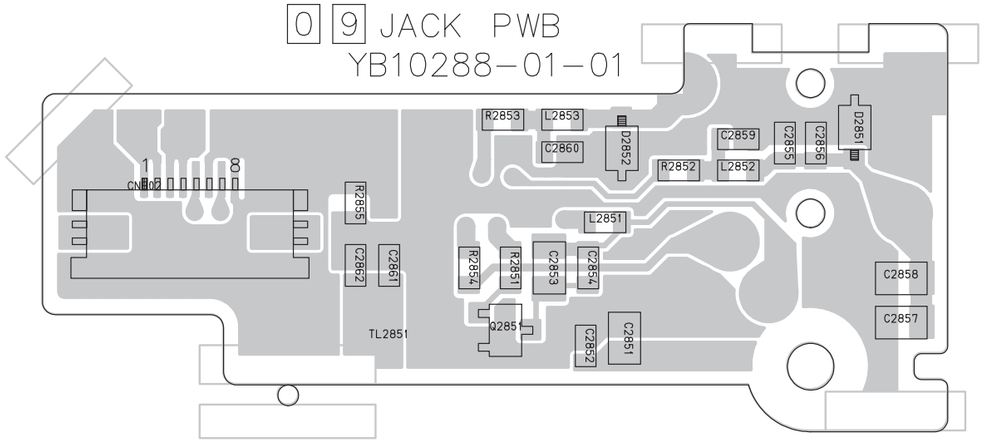
COMPONENT PARTS LOCATION GUIDE (AUDIO/VF)

REF.No.	LOCATION
CAPACITOR	
C2101	B C 2A
C2102	B C 2A
C2103	B C 2A
C2104	B C 2A
C2105	B C 2A
C2106	B C 2A
C2107	B C 2A
C2108	B C 2A
C2109	B C 2A
C2111	B C 2A
C2112	B C 2A
C2113	B C 2A
C2114	B C 2A
C2115	B C 2B
C2116	B C 2B
C2117	B C 2B
C2118	B C 2B
C2119	B C 3B
C2120	B C 3B
C2121	B C 2A
C2122	B C 2A
C2123	B C 3A
C2124	B C 3A
C2131	A C 3A
C2132	A C 2A
C2133	A C 2A
C2134	A C 2A
C2135	A C 2A
C2136	A C 2A
C2137	A C 3A
C2138	A C 3A
C2202	A C 1B
C2203	A C 1B
C2204	A C 1B
C2207	A C 2B
C2208	A C 2B
C2210	A C 2A
C2211	A C 2A
C2212	A C 2A
C2214	A C 2A
C2215	A C 2A
C2216	B C 2A
C2217	A C 2A
C2218	A C 2A
C2220	A C 2A
C2221	A C 2A
C2224	A C 2A
C2225	A C 1A
C2227	A C 2A
C2228	A C 2A
C2229	A C 2A
C2230	B C 3A
C2231	A C 1B
C2301	B C 1A
C2303	B C 1B
C2304	B C 1A
C2305	B C 1B
C2306	B C 1A
C2307	B C 1B
C2308	B C 1A
C2309	B C 1A
C2310	B C 2A
C2311	B C 2A
C2312	B C 2A
C2313	A C 1B
C2314	A C 1A
C2315	B C 1B
C2316	B C 1A
C2401	B C 1A
C2402	B C 1A
C2406	A C 2B
C2407	B C 1A
C2411	B A C 2B
C2412	A C 2A
C2413	A C 2A
C2501	B C 1B
C2502	B C 1B
C2503	B C 1B
C2504	B C 1B
C2505	B C 1B
C2506	B C 1A
C2508	B C 1A
C2601	A C 1A
C2602	A C 1B
C2603	A C 1A
C2604	A C 1B
C2605	A C 1A
C2606	A C 1B
C2611	A C 1A
C2612	A C 1B
C2613	A C 1A
C2614	A C 1A
C2615	A C 1A
C2616	A C 1A
C2617	A C 1A
C2618	A C 1A
C2619	A C 1A
C2620	A C 1A
C2621	A C 1A
C2622	A C 1A
C2625	A C 1A
C2626	A C 1A
C2627	A C 1A
C2628	A C 1A
C2629	B C 1A
C2631	A C 1A
C2632	A C 1B
C2635	A C 1A
C2636	A C 1A
C2639	A C 1A
C2640	A C 1B
C2702	A C 2A
C2703	A C 2B
C2753	A C 2A
C2754	A C 2B
C2756	B C 2A
C2757	B C 2A
C2764	B C 2A
C2765	B C 2A
C2766	A C 2A
C2767	A C 2B
C2768	A C 1B
C2769	A C 2A
C7401	A C 3C
C7402	A C 3B
C7403	A C 3C
C7404	A C 3C
C7405	A C 3B
C7406	A C 3B
C7407	A C 3B
C7408	A C 3B
C7409	A C 3B
C7411	A C 3B
C7413	A C 3B
C7414	A C 3B
C7415	A C 2C
C7416	A C 2C
C7417	A C 2C
C7418	A C 2C
C7419	A C 2C
C7420	A C 3C
C7421	A C 3C
C7422	A C 3C
C7423	A C 3C
C7424	A C 3C
C7425	A C 3C
C7426	A C 3C
C7427	A C 2B
C7428	A C 3B
C7429	A C 3B
C7430	A C 3B
C7431	A C 3B
C7432	A C 3B
C7433	A C 3B
C7434	A C 3B
CONNECTOR	
CN801	B C 3C
CN802	B C 3A
CN803	A C 3A
CN804	B C 1B
CN805	A C 2B
DIODE	
D2001	B C 1A
D2501	B C 1B
D2502	B C 2A
D2751	B C 2A
D7401	A C 3C
IC	
IC2101	B C 2A
IC2102	B C 2B
IC2103	A C 2A
IC2201	A C 2A
IC2301	B C 1B
IC2302	B C 1A
IC2501	B C 2B
IC7401	A C 3C
IC7402	A C 3C
COIL	
L2101	B C 2A
L2102	B C 2B
L2131	A C 3A
L2401	B C 2A
L2601	A C 1A
L2602	A C 1B
L2603	A C 1B
L2604	A C 1A
L7401	A C 3C
L7402	A C 2C
L7403	A C 2B
L7404	A C 3C
TRANSISTOR	
Q2101	B C 2B
Q2102	B C 2A
Q2201	A C 2A
Q2202	A C 1B
Q2301	B C 2A
Q2302	B C 1A
Q2401	B C 1A
Q2403	A C 2B
Q2501	B C 1A
Q2602	B C 2A
Q2603	A C 1A
Q2604	A C 1B
Q2755	B C 2A
Q7401	A C 3B
Q7402	A C 2C
RESISTOR	
R2001	B C 1A
R2002	A C 3B
R2003	A C 3B
R2004	A C 3B
R2005	A C 3B
R2101	B C 2A
R2102	B C 2A
R2103	B C 2A
R2104	B C 2A
R2105	B C 2A
R2106	B C 2A
R2107	B C 2A
R2111	B C 2A
R2112	B C 2A
R2113	B C 2A
R2114	B C 2B
R2116	B C 2B
R2117	B C 2B
R2118	B C 3B
R2119	B C 3B
R2120	B C 2B
R2121	B C 3B
R2122	B C 3B
R2131	A C 2A
R2132	A C 2A
R2133	A C 2A
R2134	A C 2A
R2135	A C 2A
R2136	A C 2A
R2137	A C 3A
R2138	A C 3A
R2139	A C 3A
R2140	A C 2A
R2141	A C 2A
R2201	A C 1B
R2202	A C 1B
R2203	A C 2A
R2204	A C 2A
R2205	B C 2A
R2206	B C 2A
R2208	A C 2A
R2210	A C 2A
R2220	A C 2A
R2221	A C 2A
R2224	B C 2A
R2228	A C 2A
R2229	B C 1A
R2230	B C 1A
R2231	A C 2A
R2232	A C 2A
R2233	B C 2A
R2234	B C 2A
R2301	B C 1A
R2302	B C 1A
R2303	B C 1A
R2305	B C 1B
R2306	B C 1A
R2307	B C 1B
R2308	B C 2B
R2309	B C 1B
R2310	B C 1A
R2311	B C 1A
R2312	B C 1A
R2313	B C 1B
R2314	B C 1A
R2315	B C 1B
R2316	B C 1A
R2317	B C 1A
R2318	B C 1A
R2319	B C 1A
R2320	B C 1A
R2321	B C 1A
R2322	B C 1A
R2323	B C 1A
R2324	B C 1A
R2325	B C 2A
R2326	B C 2A
R2327	B C 2A
R2328	B C 2A
R2329	B C 1B
R2330	B C 2A
R2331	B C 1B
R2332	B C 1A
R2333	B C 1B
R2334	B C 1A
R2335	B C 1B
R2336	B C 1A
R2401	B C 1A
R2402	B C 1A
R2403	B C 1A
R2412	A C 2B
R2413	A C 2B
R2415	A C 2A
R2429	A C 2A
R2501	B C 1A
R2502	B C 2A
R2504	B C 2B
R2505	B C 2B
R2506	B C 1B
R2507	B C 1B
R2508	B C 1B
R2509	B C 1B
R2510	B C 2A
R2512	B C 1A
R2513	B C 1A
R2514	B C 1A
R2515	B C 1A
R2601	A C 1A
R2602	A C 1B
R2603	A C 1A
R2604	A C 1A
R2605	B C 1A
R2606	B C 1A
R2609	A C 1A
R2610	A C 1B
R2613	A C 1A
R2614	A C 1B
R2615	A C 1A
R2616	A C 1B
R2617	A C 1A
R2618	A C 1B
R2619	A C 1A
R2620	A C 1B
R2621	A C 1A
R2622	A C 1B
R2623	A C 1A
R2624	A C 1A
R2627	A C 1A
R2628	A C 1B
R2629	A C 1A
R2630	A C 1B
R2631	A C 1A
R2632	A C 1A
R2633	A C 1A
R2634	A C 1B
R2635	A C 1A
R2636	A C 1B
R2640	A C 1A
R2641	A C 1A
R2642	B C 2A
R2643	B C 2A
R2715	B C 2A
R2756	B C 2A
R2757	B C 2A
R2758	B C 2A
R2759	B C 2A
R2760	B C 2A
R2775	A C 1B
R2776	A C 1A
R2777	A C 1B
R2778	A C 1A
R7401	A C 3C
R7402	A C 3C
R7403	A C 3C
R7404	A C 3C
R7405	A C 3C
R7406	A C 3C
R7407	A C 3C
R7408	A C 3C
R7409	A C 3C
R7410	A C 3C
R7411	A C 3C
R7412	A C 2C
R7413	A C 2C
R7414	A C 2C
R7415	A C 2C
R7416	A C 2C
R7417	A C 2B
R7418	A C 2B
R7419	A C 2B
R7420	A C 3C
R7421	A C 3C
R7422	A C 3C
R7423	A C 3C
R7424	A C 3C
R7426	A C 3C
R7427	A C 3C
R7428	A C 3C
R7429	A C 3C
R7430	A C 3C
R7431	A C 3C
R7433	A C 2C
R7434	A C 3C
R7435	A C 3C
R7439	A C 2C
R7440	A C 2C
R7441	A C 2C
R7442	A C 3B
R7443	A C 3B
R7444	A C 3B
R7445	A C 3B
VR7401	A C 3C
OTHER	
JP51	B C 3A
JP52	B C 3A
JP53	B C 3A
S7001	A C 3B
TL7401	B C 2C
ZP7401	B C 3C
ZP7402	B C 3C
ZP7403	B C 3C
ZP7404	B C 3C
ZP7405	B C 3C
ZP7406	B C 3C
ZP7407	B C 2C
ZP7408	B C 2C
ZP7409	B C 2B
ZP7410	B C 3B
ZP7411	B C 3C
ZP7412	B C 3C
ZP7413	B C 3C
ZP7414	B C 3C
ZP7415	B C 3C
ZP7416	B C 3C
ZP7417	B C 2B
ZP7418	B C 2C
ZP7419	B C 2C
ZP7420	B C 2C
ZP7421	B C 2C
ZP7422	B C 2C
ZP7423	B C 2C
ZP7424	B C 2C
ZP7425	B C 2C
ZP7426	B C 3C
ZP7427	B C 3C
ZP7428	B C 2B
ZP7429	B C 3B
ZP7430	B C 3B
ZP7431	B C 3B
ZP7432	B C 3B

4.36 JACK,W/B AND EJECT CIRCUIT BOARDS

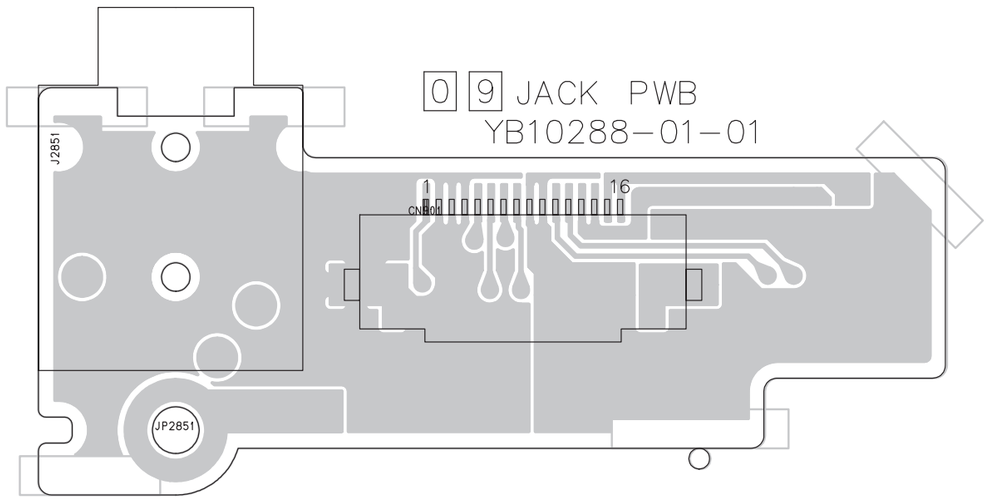
FOIL SIDE (B)

0 9 JACK PWB
YB10288-01-01



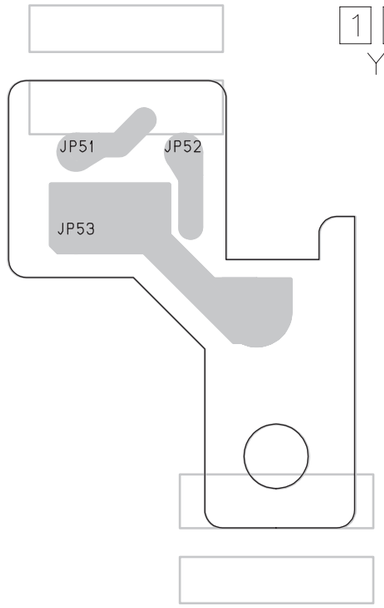
CONPONET SIDE (A)

0 9 JACK PWB
YB10288-01-01

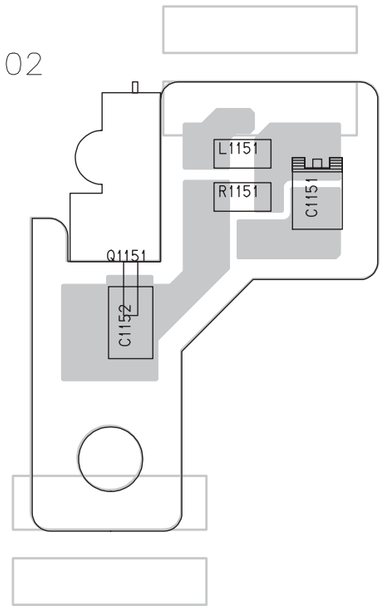


FOIL SIDE (B)

1 1 W/B PWB
YB10285-01-02

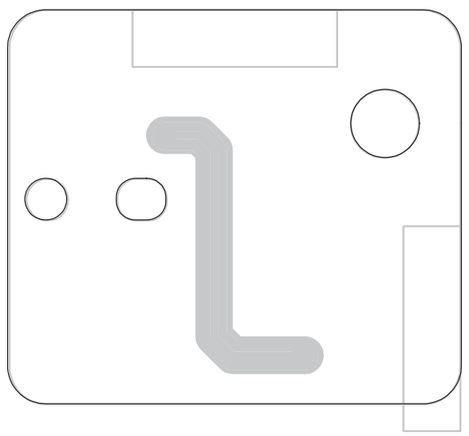


COMPONENT SIDE (A)



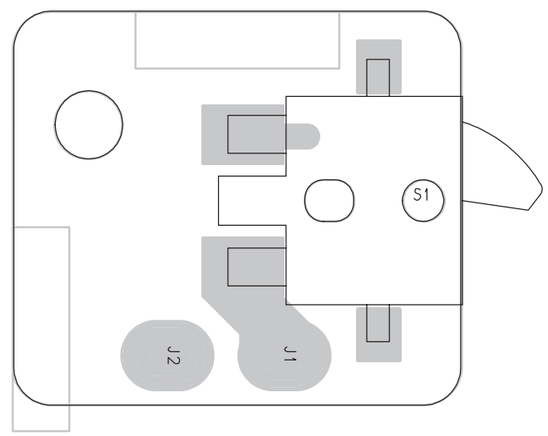
FOIL SIDE (B)

1 2 EJECT PWB
YB10288-01-01

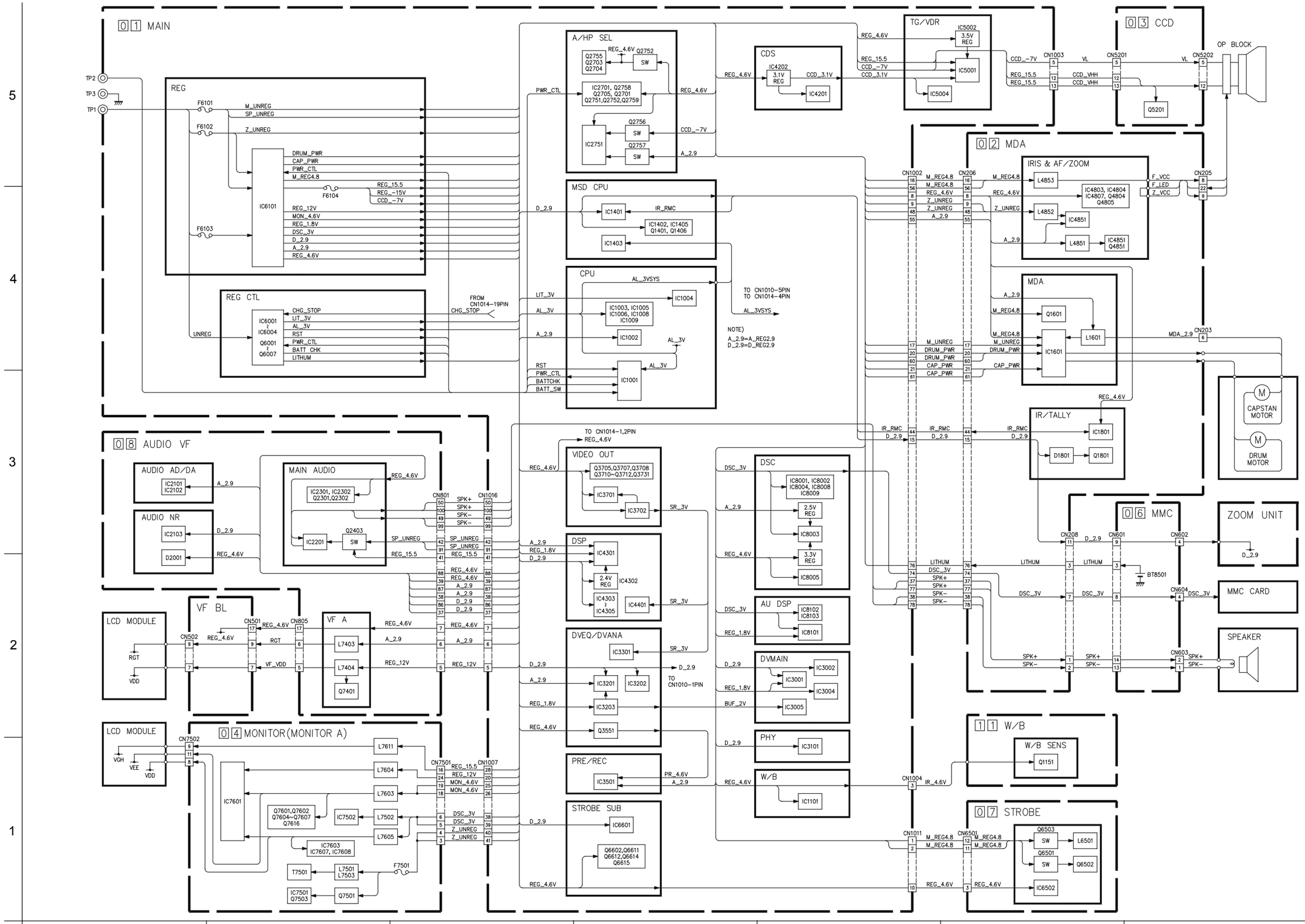


COMPONENT SIDE (A)

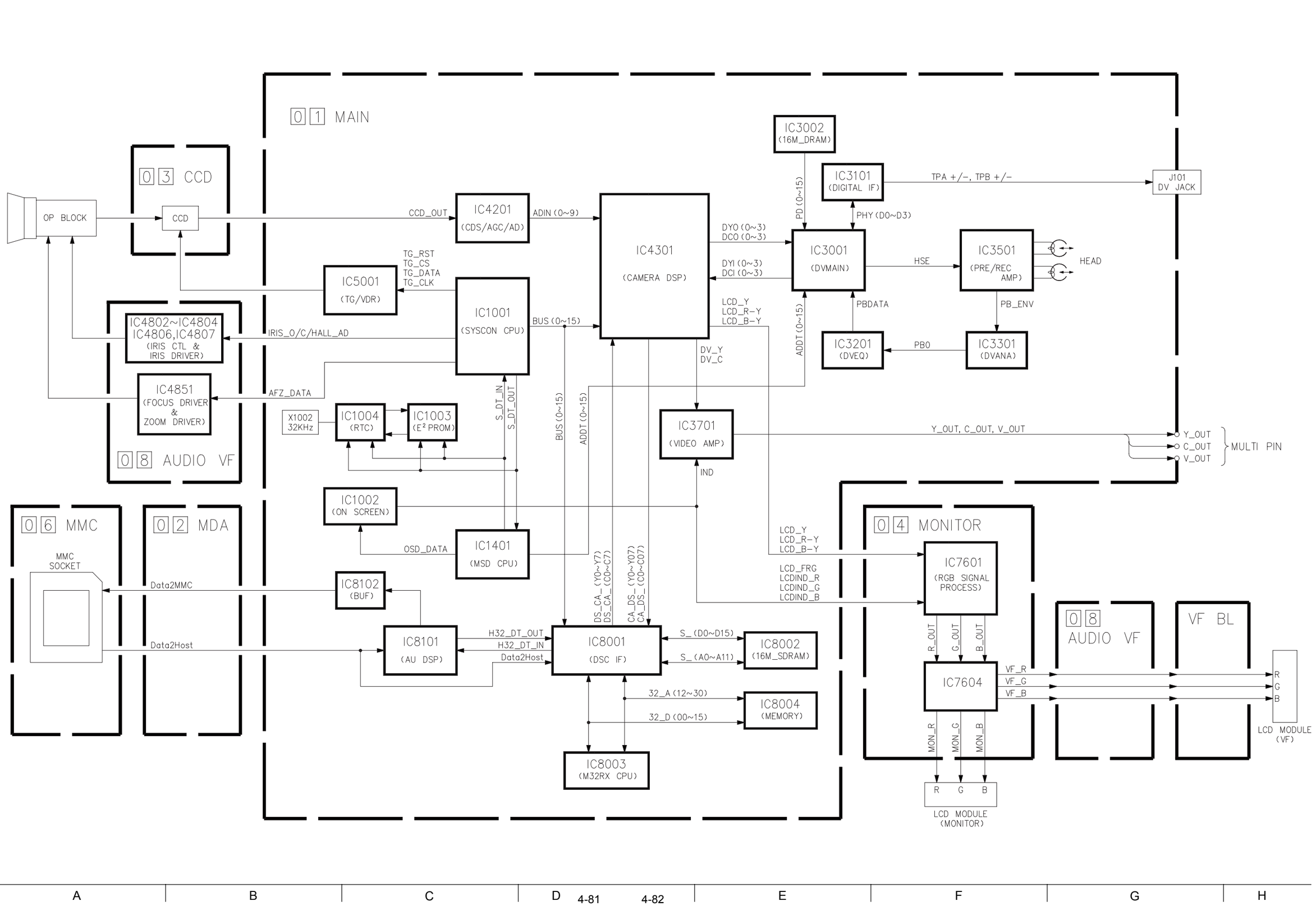
1 2 EJECT PWB
YB10288-01-01



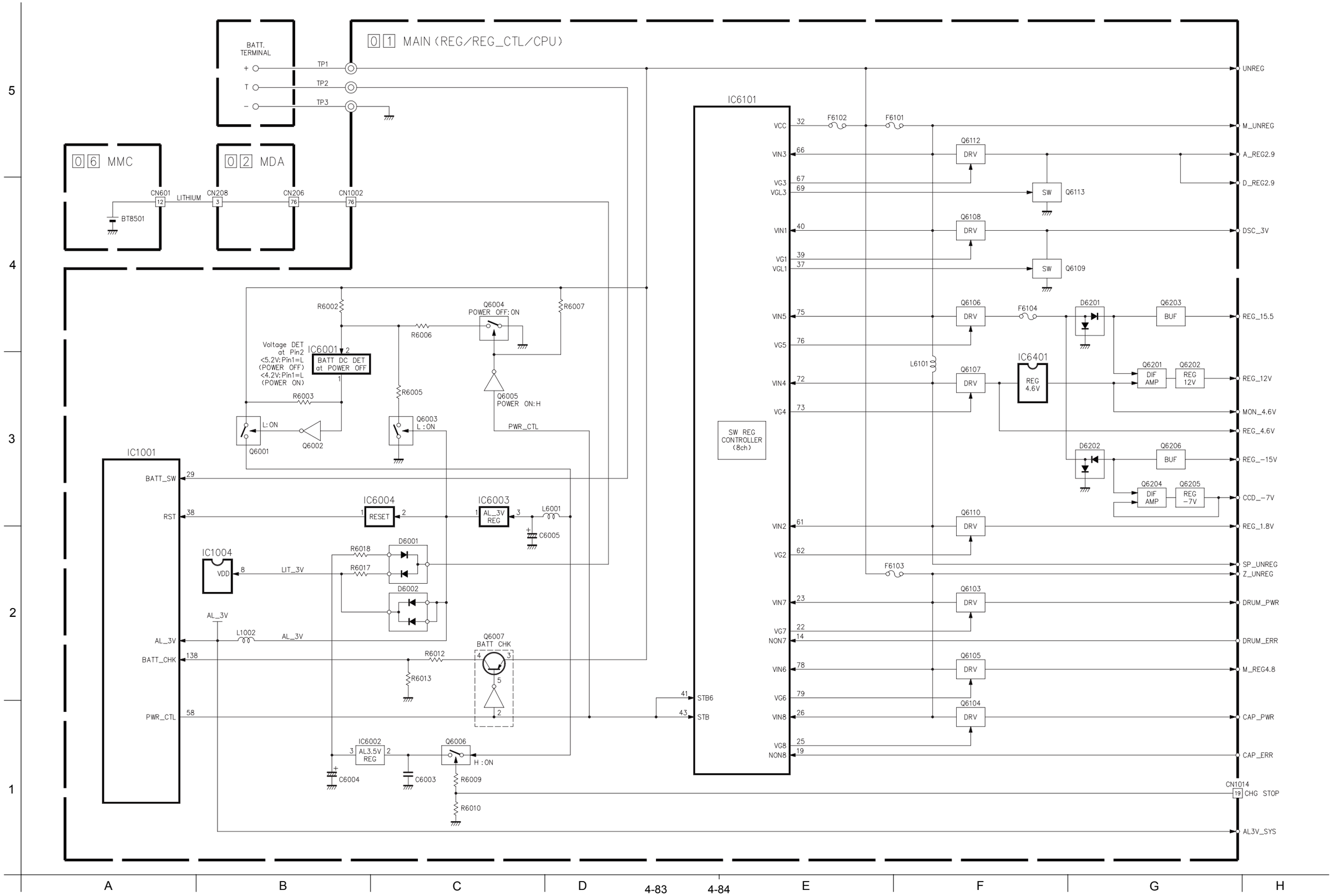
4.37 POWER SYSTEM BLOCK DIAGRAM



4.38 VIDEO SYSTEM BLOCK DIAGRAM



4.39 REGULATOR SYSTEM BLOCK DIAGRAM



4.40 VOLTAGE CHARTS

Note: Parts whose data cannot be obtained by physical measurement (for example, CSP IC, etc.) are omitted from the following chart in some cases.

<CPU>

MODE PIN NO.	REC	PLAY
IC1002		
1	2.7	2.7
2	0	0
3	2.7	2.7
4	3	3
5	3	3
6	3	3
7	1.5	1.5
8	1.5	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
IC1003		
1	3	3
2	2.3	2.3
3	3	3
4	0	0
5	3	3
6	3	3
7	3	3
8	3	3
IC1004		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
IC1005		
1	3	3
2	3	3
3	3	3
4	0	0
5	3	3
6	3	3
7	3	3
8	3	3
IC1006		
1	3	3
2	3	3
3	3	3
4	0	0
5	0	0
6	0	0
7	0	0
8	3	3
IC1008		
1	3	3
2	3	3
3	3	3
4	0	0
5	3	3
6	3	3
7	3	3
8	3	3
IC1009		
1	3	3
2	3	3
3	3	3
4	0	0
5	2.9	3
6	3	3
7	3	3
8	3	3

<MSD CPU>

MODE PIN NO.	REC	PLAY
IC1402		
1	2.8	2.8
2	0	0
3	2.8	-
4	0	0
5	3	-
6	3	3
7	3	-
8	3	3
IC1403		
1	3	3
2	3	3
3	3	3
4	0	0
5	3	3
6	3	3
7	3	3
8	3	3
IC1405		
1	3	3
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	3	3
8	3	3
Q1401		
E	3	3
C	3	3
B	3	3
Q1402		
1	0	0
2	3	3
3	3	2.9
4	2.8	2.8
5	0	0
Q1403		
1	0	0
2	0	0
3	3	2.9
4	0	0
5	2.9	2.9
Q1405		
E	0	0
C	0.5	0.7
B	0	0
Q1406		
E	-	-
C	-	-
B	-	-
Q1407		
E	-	-
C	-	-
B	-	-
Q1408		
E	-	-
C	-	-
B	-	-

<A/HP SEL>

MODE PIN NO.	REC	PLAY
IC2701		
1	0.8	0.5
2	0	0
3	0	0
4	0	0
5	4.7	4.7
IC2751		
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	-7.2	-7.2
8	0	0
9	4.7	4.7
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	4.7	4.8
Q2701		
E	0	0
C	0	0
B	3	3
Q2703		
E	0	0
C	0	0
B	-0.4	0
Q2704		
E	0	0
C	0	0
B	0	0
Q2705		
E	0	0
C	4.7	4.7
B	0	0
Q2751		
E	0	0
C	0	0
B	3	3
Q2752		
E	4.7	4.7
C	0	0
B	4.7	4.7
Q2753		
E	4.7	4.7
C	0	0
B	3.5	3.5
Q2754		
E	0	0
C	3.5	3.5
B	0	0
Q2755		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
Q2756		
E	-	-
C	-	-
B	-	-
Q2757		
E	-	-
C	-	-
B	-	-
Q2758		
E	0	0
C	0	0
B	3	3
Q2759		
E	0	0
C	4.7	4.7
B	0	0

MODE PIN NO.	REC	PLAY
Q2760		
E	0	0
C	0	0
B	0	0

<DVMAIN>

MODE PIN NO.	REC	PLAY
IC3004		
1	0	0
2	1.6	0.8
3	0	0
4	1.8	0.9
5	1.8	1.8
IC3005		
1	1	1
2	1	1
3	0	0
4	0	0.9
5	2	2

<DVEQ/DVANA>

MODE PIN NO.	REC	PLAY
IC3202		
1	2.7	1.3
2	0	3
3	0	0
4	3	1.1
5	3	3
IC3203		
1	1.8	1.8
2	0	0
3	1.3	1.2
4	2	2
5	3	3
IC3301		
1	0	0
2	2.2	1.3
3	0	1.4
4	0	0.7
5	0	1.7
6	1.1	1.1
7	0	1.8
8	0	1
9	0	0
10	0	0
11	0	0
12	0	0
13	3	3
14	3	3
15	2.2	1.9
16	3	3
17	0	1.2
18	0	1.5
19	0	0
20	0	1.4
21	0.7	1.7
22	0.7	1.6
23	3	3
24	3	3
25	2.9	0
26	3	3
27	0.8	0
28	0	0
29	0	0
30	2.2	2.2
31	0.5	0.5
32	2.2	2.2
33	0.6	0.5
34	1.9	1.9
35	1.8	1.5
36	1.7	1.5
37	2.2	1.6
38	0	1.5

MODE PIN NO.	REC	PLAY
39	0	0
40	0	0
41	0	0
42	0	0
43	1.6	1.6
44	1.4	1.5
45	1.2	1.2
46	0.7	0.7
47	1.2	1.3
48	1.8	1.8
49	1.3	1.3
50	0.6	0
51	0	0
52	0	0
53	0.5	0.5
54	1.5	1.5
55	3	3
56	3	3
57	3	2.9
58	3	3
59	2.7	2.7
60	2.5	2.4
61	0	1.5
62	2.6	2.5
63	1.9	2
64	0.4	0.8
Q3551		
E	4.8	4.8
C	4.8	4.8
B	4.1	4.8
Q3552		
E	0	0
C	0	4.8
B	0	0

<PRE/REC>

MODE PIN NO.	REC	PLAY
IC3501		
1	3	2.3
2	2.6	1.9
3	3	3
4	0	0
5	0	0
6	0	0
7	2.7	3
8	0	0.7
9	0.5	0
10	0	0
11	2.7	2.6
12	0.6	0.6
13	2.6	2.6
14	3	3
15	0.6	0.6
16	0	0
17	0	0
18	0.8	0.5
19	4.8	4.8
20	1.2	1.3
21	0.6	0.7
22	2.7	2.2
23	0	0
24	2.2	1.1
25	3	3
26	0	0
27	0	0
28	-0.9	1.8
29	4.8	4.8
30	4.8	4.8
31	4.7	4.8
32	-1	1.8
33	0	0
34	0	0
35	3	3
36	1.6	1.1
37	0	0
38	2.7	2.2
39	0.7	0.7
40	1.3	1.3
41	0	0
42	0	0
43	3	0
44	0	0
45	1.5	3
46	3	1.5
47	0	3
48	2.9	3
49	0	0
50	0	0
51	0	0
52	0	0
53	0	0
54	0.7	0
55	0.6	2.3
56	0	0
57	2.7	1.1
58	3	2.2
59	3	2
60	3	3
61	2.6	1.8
62	3	2.5
63	0	0
64	1.6	1
Q3501		
E	0	0
C	2.4	1.1
B	0.6	0.7
Q3502		
E	0	0
C	0	0
B	-0.8	0.7
Q3503		
E	0	0
C	0	0
B	-0.7	0.7

MODE PIN NO.	REC	PLAY
Q3504		
E	0	0
C	1.9	1.1
B	0.7	0.7

<VIDEO OUT>

MODE PIN NO.	REC	PLAY
IC3701		
1	1.8	0
2	1.5	1.5
3	1.3	0
4	1.2	2.3
5	0	0
6	0	0
7	0	0
8	0	0
9	2.8	0
10	0	0
11	1.9	0
12	0	0
13	0	0
14	2	0
15	4.8	4.8
16	3	3
17	30	0
18	1.4	0
19	1.8	0
20	1.9	0
IC3702		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
Q3701		
E	0	0
C	0	0
B	3	3
Q3707		
1	1.2	1.2
2	0.7	0.6
3	0	0
4	0	0
5	0.6	0.6
6	0	0
Q3708		
E	0	0
C	0	0
B	0	0
Q3709		
E	0.8	0.7
C	0	0
B	0	0
Q3710		
E	1.2	1.2
C	1.2	1.2
B	0.7	0.7
Q3711		
E	0.8	0.8
C	4.8	4.8
B	1.2	1.2
Q3712		
1	4.8	4.8
2	4.8	4.8
3	4.8	4.8
4	0.7	0.7
5	0	0
Q3713		
E	0	0
C	4.8	4.8
B	0	0
Q3731		
E	1.7	1.6
C	0	0
B	1.1	1

<CDS>

MODE PIN NO.	REC	PLAY
IC4201		
1	0	0
2	1.2	0
3	1.2	0
4	1.3	0
5	1.3	0
6	1.2	0
7	1.7	3.1
8	1.2	0
9	1.4	0
10	0.9	0
11	0	0
12	0	0
13	0	0
14	0	0
15	3.1	3.1
16	1.3	1.3
17	3	3
18	2.4	2.4
19	2.4	2.5
20	2.6	2.6
21	0	0
22	0	0
23	3	3.1
24	0	0
25	0	0
26	2	0.5
27	1.5	1.4
28	2	0
29	2	0
30	0	0
31	3	3.1
32	0	1.3
33	1	1.2
34	1.5	1.1
35	1.2	0
36	0	0
37	0	0
38	3	3.1
39	0	0
40	0	0
41	3	3.1
42	0	0
43	3	3
44	3	3
45	3	3
46	3.1	3
47	0	0
48	0	0
IC4202		
1	0	0
2	4.8	4.8
3	3.1	3.1

<DSP>

MODE PIN NO.	REC	PLAY
IC4302		
1	3	3
2	0	0
3	1.3	1.2
4	2.4	2.4
5	3	3
IC4304		
1	2.9	2.9
2	3	3
3	3	3
4	0	0
5	0	0
6	0	0
7	2.8	2.8
8	3	3
IC4305		
1	0	0
2	0	0
3	0	0
4	0	0
5	2.8	2.8
6	2.9	2.8
7	2.9	2.9
8	3	3
IC4401		
1	0	0
2	2	2
3	1.6	1.6
4	0	0
5	0	0
6	1.5	1.5
7	0	0
8	3	3
9	0.7	0.7
10	3	3
11	3	3
12	1.9	1.9
13	1.2	1.2
14	2.7	2.5
15	0	0
16	3	3
17	3	3
18	0.8	0.8
19	2.7	2.7
20	0	0
Q4351		
E	1.2	1.2
C	0	0
B	0.6	0.6
Q4352		
1	0.7	0.7
2	0.7	0.7
3	0	0
4	0	0
5	0	0
6	0	0
Q4353		
1	1.2	1.2
2	1.1	1.1
3	0.6	0.6
4	0	0
5	0.6	0.6
6	0	0
Q4354		
E	1.1	1.1
C	0	0
B	0.5	0.5

<TG/VDR>

MODE PIN NO.	REC	PLAY
IC5001		
1	0	0
2	3	3
3	3	3
4	0	0
5	3	3
6	3.1	3
7	0	0
8	3	3
9	3	3
10	3	3
11	3.5	3.5
12	0.5	0.5
13	0	0
14	0	0
15	1.6	1.7
16	0	0
17	0	0
18	1.3	1.2
19	3.5	3.5
20	2.4	2.3
21	2.4	2.4
22	3	3.1
23	0	0
24	1.2	1.1
25	2.6	2.6
26	3	3
27	3	3
28	0	0
29	0	0
30	0	0
31	0.4	0
32	0	0.5
33	3	3
34	0	0
35	1.1	1.1
36	1.2	1.3
37	1.1	1.1
38	3	3
39	0	0
40	0	0
41	0	0
42	1.4	1.4
43	0	0
44	0.6	0.6
45	0	0
46	0	0
47	1.5	1.5
48	1.5	1.5
49	1.5	1.5
50	0	0
51	0	0
52	-7.3	-7.3
53	0	0
54	14.8	14.8
55	0	0
56	0	0
57	0	0
58	0	0
59	0	0
60	-7.2	-7.2
61	-7.6	-7.6
62	-7.2	-7.2
63	-7.6	-7.6
64	0	0
IC5002		
1	4.8	4.8
2	0	0
3	-	-
4	3.5	3.5
5	4.8	4.8
IC5004		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-

<REG CTL>

MODE PIN NO.	REC	PLAY
IC6001		
1	6.7	6.7
2	6.5	6.5
3	0	0
4	0	0
IC6002		
1	0	0
2	6.7	6.8
3	3.3	3.3
4	0	0
5	0	0
IC6003		
1	3	3
2	0	0
3	6.7	6.7
IC6004		
1	3	2.6
2	3	3
3	0	0
4	0	0
Q6001		
G	0	0
D	6.7	6.8
S	6.8	6.7
Q6002		
G	6.7	6.7
D	0	0
S	0	0
Q6003		
G	3	3
D	0	0
S	3.9	3.9
Q6004		
G	0	0
D	6.5	6.5
S	0	0
Q6005		
G	3	3
D	0	0
S	0	0
Q6006		
G	0	0
D	6.6	6.7
S	6.7	6.7
Q6007		
1	0	0
2	3	3
3	6.8	6.8
4	6.8	6.8
5	0	0

<REG>

MODE PIN NO.	REC	PLAY
IC6101		
1	0.4	0.4
2	0.4	0.4
3	0.4	0.4
4	1.1	1.1
5	1	1
6	1.5	1.5
7	4.3	4.3
8	1.5	1.5
9	0.6	0.7
10	1.5	1.5
11	3.1	3.1
12	0.8	0.8
13	0	0
14	0	0
15	0	0
16	0	0
17	0.7	0.7
18	0	0
19	0	0
20	0	0
21	0	0
22	5	5
23	6.8	6.7
24	0	0
25	5.6	5.6
26	6.8	6.8
27	1.3	1.3
28	0.5	0.5
29	0	0
30	0	0
31	1.5	1.5
32	6.7	6.7
33	4	4
34	2.1	2.1
35	0.5	0
36	0	0
37	1.9	1.9
38	0	0
39	4	4
40	6.7	6.7
41	3	3
42	3	2.9
43	3	3
44	2.3	2.3
45	1.5	1.5
46	0.9	0.9
47	1.8	1.8
48	1.5	1.5
49	0.8	0.8
50	2.3	2.3
51	1.5	1.5
52	0.9	0.9
53	0	0
54	0	0
55	1.5	1.5
56	1.1	1.1
57	3	3
58	1	1
59	0.4	0.4
60	0.4	0.4
61	6.7	6.7
62	4.8	4.8
63	0	0
64	0	0
65	0	0
66	6.7	6.7
67	3.6	3.5
68	0	0
69	1.6	1.6
70	0	0
71	0	0
72	6.7	6.7
73	1	1.8
74	0	0
75	6.7	6.7
76	2.7	2.7
77	0	0
78	6.8	6.7
79	0	0
80	0	0
IC6401		
1	4.8	4.8
2	0	0
3	1.2	1.2
4	4.5	4.5
5	4.8	4.8
Q6103		
G	4.9	4.9
D	1.8	1.7
S	6.7	6.8
Q6104		
G	5.7	5.6
D	0.9	1
S	6.7	6.7
Q6105		
G	5.5	5.5
D	4.9	4.9
S	6.8	6.8
Q6106		
G	2.7	2.7
D	0	0
S	6.7	6.7
Q6107		
G	1.8	1.8
D	4.9	4.9
S	6.7	6.7
Q6108		
G	4	4
D	3.1	3
S	6.7	6.7
Q6109		
G	1.9	1.9
D	3	3
S	0	0
Q6110		
G	4.8	4.8
D	1.8	1.8
S	6.7	6.7
Q6112		
G	3.6	3.5
D	3	3.1
S	6.7	6.7
Q6113		
G	0	1.6
D	3.1	3
S	0	0
Q6201		
1	4	4
2	4.6	4.6
3	0	15.1
4	4	4
5	4.5	4.5
6	15.6	0
Q6202		
E	15.6	15.6
C	11.8	11.8
B	15	15.1
Q6203		
E	14.8	14.8
C	15.6	15.7
B	15.5	15.5
Q6204		
1	-7.1	-7.1
2	-7.6	-7.6
3	-11.5	-11.5
4	-7.1	-7.1
5	-7.6	-7.1
6	-15.9	-7.6
Q6205		
E	-12.1	-12.1
C	-7.6	-7.6
B	-11.5	-11.5
Q6206		
E	-15.3	-15.3
C	-15.9	-15.9
B	-15.8	-15.8
Q6207		
E	0	0
C	15.6	15.6
B	-0.8	-0.9

<STROBE SUB>

MODE PIN NO.	REC	PLAY
IC6601		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
Q6601		
E	-	-
C	-	-
B	-	-
Q6602		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
Q6611		
E	-	-
C	-	-
B	-	-
Q6612		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
Q6613		
E	-	-
C	-	-
B	-	-
Q6614		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
Q6615		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-

<DSC>

MODE PIN NO.	REC	PLAY
IC8005		
1	3	3
2	3	3
3	0	0
4	0	0
5	3	3
IC8006		
1	3	3
2	0	0
3	1.3	1.2
4	2.5	2.5
5	3	3
IC8007		
1	4.8	4.8
2	0	0
3	1.3	1.3
4	3.3	3.3
5	4.8	4.8
IC8008		
1	1.4	1.4
2	1.4	1.4
3	3	3
4	0	0
5	0	0
6	1.5	1.5
7	1.3	1.1
8	3	3
IC8009		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-

<AU DSP>

MODE PIN NO.	REC	PLAY
IC8102		
1	0	0
2	3	3
3	1.2	0.5
4	3	3.1
5	3	3
6	3	3
7	3	3.1
8	0	0
9	3	3
10	0	0
11	3	3
12	0	0
13	1.1	0.5
14	3	3
15	0	0
16	3	3
17	0	0
18	3	3
19	3	3
20	3	3
IC8103		
1	0	0
2	1.5	1.5
3	0	0
4	1.5	1.5
5	3	3

<W/B>

MODE PIN NO.	REC	PLAY
IC1101		
1	2.4	2.3
2	2.4	2.4
3	0	0
4	4.8	4.8
5	2.4	2.4
6	2.4	2.4
7	2.4	0
8	0	4.8

<IR/TALLY>

MODE PIN NO.	REC	PLAY
IC1801		
1	4.8	4.8
2	4.4	4.4
3	0	0
4	0	0
5		
Q1801		
E	0	0
C	0	1.8
B	3	0

<MDA>

MODE PIN NO.	REC	PLAY
IC1601		
1	0	0
2	0.9	0.9
3	0.8	0.8
4	0	0
5	0.8	0.8
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	4.9	4.9
15	0	0
16	0.5	0.5
17	0	0
18	0.5	0.5
19	0	0
20	0.4	0.4
21	0	0
22	0	0
23	0.9	0.9
24	6.7	6.7
25	1.5	1.5
26	1.5	1.5
27	1.5	1.5
28	1.5	1.5
29	1.5	1.5
30	1.5	1.5
31	1.5	1.5
32	1.5	1.5
33	1.5	1.5
34	1.5	1.5
35	3	3
36	3	3
37	0	0
38	0.7	0.7
39	0.7	0.7
40	1.2	1.2
41	1.5	1.5
42	0.5	0.5
43	3	3
44	0	0
45	0	0

MODE PIN NO.	REC	PLAY
46	0	0
47	3	3
48	0	0
49	3	3
50	2	2
51	0	0
52	1.5	1.5
53	1.2	1.1
54	0.5	0.5
55	0.7	0.7
56	0.7	0.7
57	1.1	1
58	0.7	0.7
59	0	0
60	1.1	1.1
61	2.7	2.7
62	1.2	1.2
63	1.5	1.5
64	1.5	1.5
65	1.5	1.5
66	1.5	1.5
67	1.5	1.5
68	0.5	0.5
69	0	0
70	0.8	0.8
71	0.8	0.8
72	0.8	0.8
73	0.9	0.8
74	1.2	1.2
75	0.4	0.4
76	0	0
77	6.7	6.7
78	1.7	1.7
79	0	0
80	0	0
Q1601		
1	0	0
2	0	0
3	4.9	4.9
4	0	0
5	4.9	4.9

<IRIS & AF/ZOOM>

MODE PIN NO.	REC	PLAY
IC4802		
1	2.8	2.8
2	2.2	2.2
3	2.2	2.2
4	0	0
5	0	0
6	2.2	2.2
7	2.2	2.2
8	4.8	4.8
IC4803		
1	1.2	1.2
2	0.5	0.5
3	0.5	0.5
4	0	0
5	2.1	2.1
6	2.2	2.2
7	0.6	0.6
8	4.8	4.8
IC4804		
1	1.2	0
2	1.3	0
3	1.3	0
4	0	0
5	1.9	1.6
6	1.9	1.6
7	0.9	2.8
8	4.8	4.8
IC4806		
1	1.3	0
2	1.3	0
3	1.2	0
4	1.3	0

MODE PIN NO.	REC	PLAY
5	3	3
6	1.7	3
7	1.7	3
8	3	3
IC4807		
1	1.6	1.6
2	1.6	1.6
3	4.8	4.8
4	0	0
5	1.6	1.6
6	1.6	1.6
7	4.8	4.8
8	4.8	4.8
IC4851		
1	0	0
2	0.4	0.4
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	3	3
9	6.8	6.7
10	0	0
11	0	0
12	0	0
13	6.7	6.7
14	0	0
15	0	0
16	0	0
17	0	0.7
18	0	0
19	0	0
20	0	0
21	0.8	0
22	0	0
23	6.7	6.7
24	0	0
25	0	0
26	0	0
27	6.7	6.8
28	0	0
29	0	0
30	0	0
31	3	3
32	0	0
33	0	0
34	3	3
35	3	3
36	1.5	1.5
37	1.5	1.5
38	0	3
Q4801		
E	0.5	0.5
C	1.6	1.6
B	1.2	1.2
Q4802		
E	0	0
C	1.9	1.6
B	0	0
Q4803		
E	0	0
C	4.8	4.8
B	0	0
Q4804		
E	4.8	4.8
C	1.9	1.6
B	4.8	4.8
Q4805		
E	4.8	4.8
C	1.6	1.6
B	4.8	4.8
Q4851		
E	0	0
C	3.6	0
B	0	0.7

<AUDIO AD/DA>

MODE PIN NO.	REC	PLAY
IC2101		
1	0	1.3
2	0	0
3	1.3	0
4	0	0
5	3	3
6	3	3
7	0	0
8	1.5	0
9	1.3	1.3
10	1.5	1.5
11	1.5	1.5
12	1.5	1.5
13	3	0
14	0	1.3
15	1.4	1.3
16	1.1	1.3
IC2102		
1	0	0
2	0.8	0.8
3	0	0.8
4	0	0
5	3	3
6	3	3
7	0	0
8	0	0
9	0	0
10	1.5	1.5
11	1.5	1.5
12	1.5	1.5
13	0	0
14	0	0
15	0	0
16	0	0
Q2101		
E	0	0
C	0	0
B	0	0
Q2102		
E	0	0
C	0	0
B	0	0

<MAIN AUDIO>

MODE PIN NO.	REC	PLAY
IC2201		
1	1.5	0.5
2	1.5	0.5
3	1.5	0.5
4	1.5	1.5
5	1.5	1.5
6	1.5	1.6
7	0	0
8	2.2	2.3
9	2.2	2.3
10	1.6	0
11	1.5	1.6
12	1.5	1.5
13	1.5	1.6
14	1.5	0.5
15	1.5	0.5
16	1.6	0.5
17	1.5	1.6
18	1.6	1.6
19	15	1.2
20	1.5	0.8
21	1.5	1.6
22	2.8	3
23	1.5	1.7
24	1.5	1.5
25	2.3	2.1
26	0	0.5
27	2.4	2.1
28	2.8	1.7
29	2.3	2.3
30	2.4	2.1
31	2.4	2.4
32	2.4	2.1
33	5.2	4.6
34	4.6	4.6
35	0	0
36	2.4	2.3
37	4.6	4.6
38	2.4	2.1
39	3	3
40	0	0
41	3	3
42	0	2.3
43	2.4	2.1
44	3	3
45	1.5	1.6
46	0	0
47	2.3	2.3
48	2.8	1.7
49	1.6	1.6
50	1.5	1.6
51	1.5	1.6
52	1.6	0
53	1.6	0
54	3	3
55	0	0
56	2.3	2.1
57	1.5	1.6
58	1.5	1.6
59	2.8	3
60	1.5	1.6
61	1.5	1.3
62	1.5	1
63	1.5	1.7
64	1.5	1.6
IC2301		
1	2.3	2.3
2	2.3	2.3
3	2.3	2.3
4	0	0
5	2.3	2.3
6	2.3	2.3
7	2.3	2.3
8	4.6	4.6
IC2302		
1	2.3	2.3
2	2.3	2.3
3	2.3	2.3
4	0	0

MODE PIN NO.	REC	PLAY
5	2.3	2.3
6	2.3	2.3
7	2.3	2.3
8	4.6	4.6
Q2201		
E	0	0
C	0	0
B	0.7	0.6
Q2301		
E	1.4	1.4
C	4.6	4.6
B	2	2
Q2401		
E	2.8	3
C	4.8	4.8
B	3.5	3.6
Q2403		
E	5.2	4.6
C	6.7	6.7
B	5.9	5.8
Q2603		
E	0.9	1.1
C	2.8	3
B	1.5	1.6
Q2604		
E	0.9	1.1
C	2.8	3
B	1.5	1.6
Q2755		
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0

<AU NR>

MODE PIN NO.	REC	PLAY
IC2103		
1	1.4	0
2	1.5	0
3	0	0
4	3	3
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	3	3
14	3	3
15	3	3
16	0	0
17	0	0
18	0	0
19	3	0
20	3	0
21	1.5	1.5
22	1.5	1.5
23	1.5	1.5
24	0	0

<VF A>

MODE PIN NO.	EE
Q7401	
1	5.3
2	5.8
3	0
4	5.8
5	5.3
6	11.8

<CCD>

MODE PIN NO.	EE
CN5202	
1	0
2	0
3	-7.2
4	-7.2
5	0
6	0
7	0
8	11.2
9	-7.6
10	13.4
11	0
12	14.8
13	0
14	1.8
15	1.4
16	8.5
Q5201	
E	10.4
C	14.8
B	11.2

<MONITOR>

MODE PIN NO.	EE
IC7501	
1	-
2	1
3	1.4
4	1.1
5	2.5
6	0.7
7	0.9
8	0
9	6.7
10	2.2
11	0.7
12	1.9
13	1.2
14	1.2
15	0
16	2.5
IC7502	
1	0
2	2.2
3	0
4	0.8
5	3
IC7601	
1	2.3
2	0.8
3	2.6
4	2.6
5	3.2
6	4.5
7	19
8	3.2
9	3.2
10	0.4
11	6
12	6
13	11.8
14	6
15	6
16	0
17	6.1
18	6.1
19	0
20	0
21	0
22	0
23	3
24	2.8
25	0
26	0
27	0
28	1.2
29	2.8
30	0.9
31	1
32	0.7
33	3
34	0
35	0
36	2.7
37	0.4
38	2.3
39	0
40	3.3
41	0
42	0
43	1.5
44	1.6
45	2.1
46	0
47	0
48	2.4
49	0
50	3
51	0
52	3.3
53	3.3
54	0
55	0

MODE PIN NO.	EE
56	2.5
57	0
58	2.6
59	3
60	2.3
61	2.6
62	2.6
63	2.6
64	3.3
IC7603	
1	3
2	0
3	3
4	0
5	3
6	3
7	3
8	3
IC7604	
1	5.8
2	6.1
3	5.8
4	5.9
5	6.1
6	0
7	0
8	0
9	0
10	0
11	0
12	6.1
13	5.7
14	6
15	6.1
16	11.8
IC7607	
1	0
2	0
3	0
4	3
5	3
IC7608	
1	1.5
2	3
3	0
4	1.5
5	3.1
Q7501	
1	0
2	3
3	6.7
4	0
5	0
6	6.6
Q7502	
G	0.8
D	6.6
S	0
Q7503	
E	0
C	6.7
B	0
Q7504	
1	1.9
2	1.9
3	1.3
4	0
5	1.4
6	0.8
Q7601	
E	-
C	-
B	-
Q7602	
1	0
2	3
3	4.5
4	4.5
5	0

MODE PIN NO.	EE
Q7604	
E	4.5
C	2.2
B	2.4
Q7605	
E	4.5
C	2.3
B	4.5
Q7606	
E	4.5
C	2.3
B	4.5
Q7607	
E	4.5
C	1
B	4.5
Q7608	
1	-10.7
2	-10.1
3	-15.3
4	0
5	0
6	0
Q7609	
E	-10.1
C	0
B	-9.6
Q7610	
E	-10.1
C	-15.2
B	-10.6
Q7615	
E	3
C	3
B	0
Q7616	
1	0
2	3
3	4.5
4	4.5
5	0
Q7618	
E	0
C	0
B	3

<STROBE>

MODE PIN NO.	EE
IC6502	
1	2.3
2	0
3	0
4	0
5	4.8
Q6501	
E	0
C	4.5
B	49
Q6502	
E	0
C	4.5
B	0
Q6503	
E	4.9
C	0
B	4.5
Q6504	
E	0
C	0
B	0
Q6506	
E	0
C	-
B	0