


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.

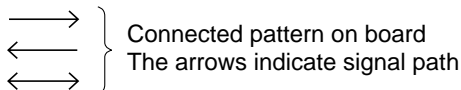
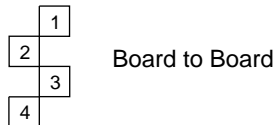
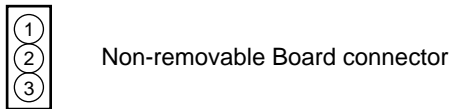
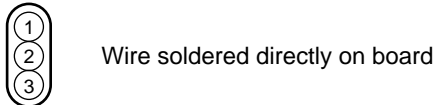
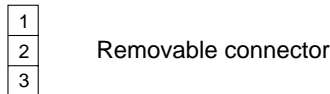
- 1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).
Chip resistors are 1/16 W.
K: KΩ (1000Ω), M: MΩ (1000KΩ)
- 2) All capacitance values are in μF, (P: PF).
- 3) All inductance values are in μH, (m: mH).
- 4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

2. Indications of control voltage

AUX : Active at high.

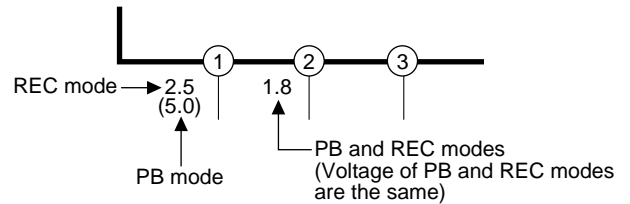
$\overline{\text{AUX}}$ or AUX(L) : Active at low.

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.



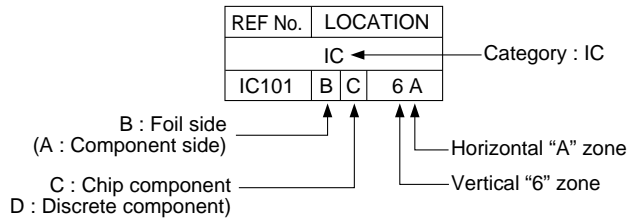
CIRCUIT BOARD NOTES

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

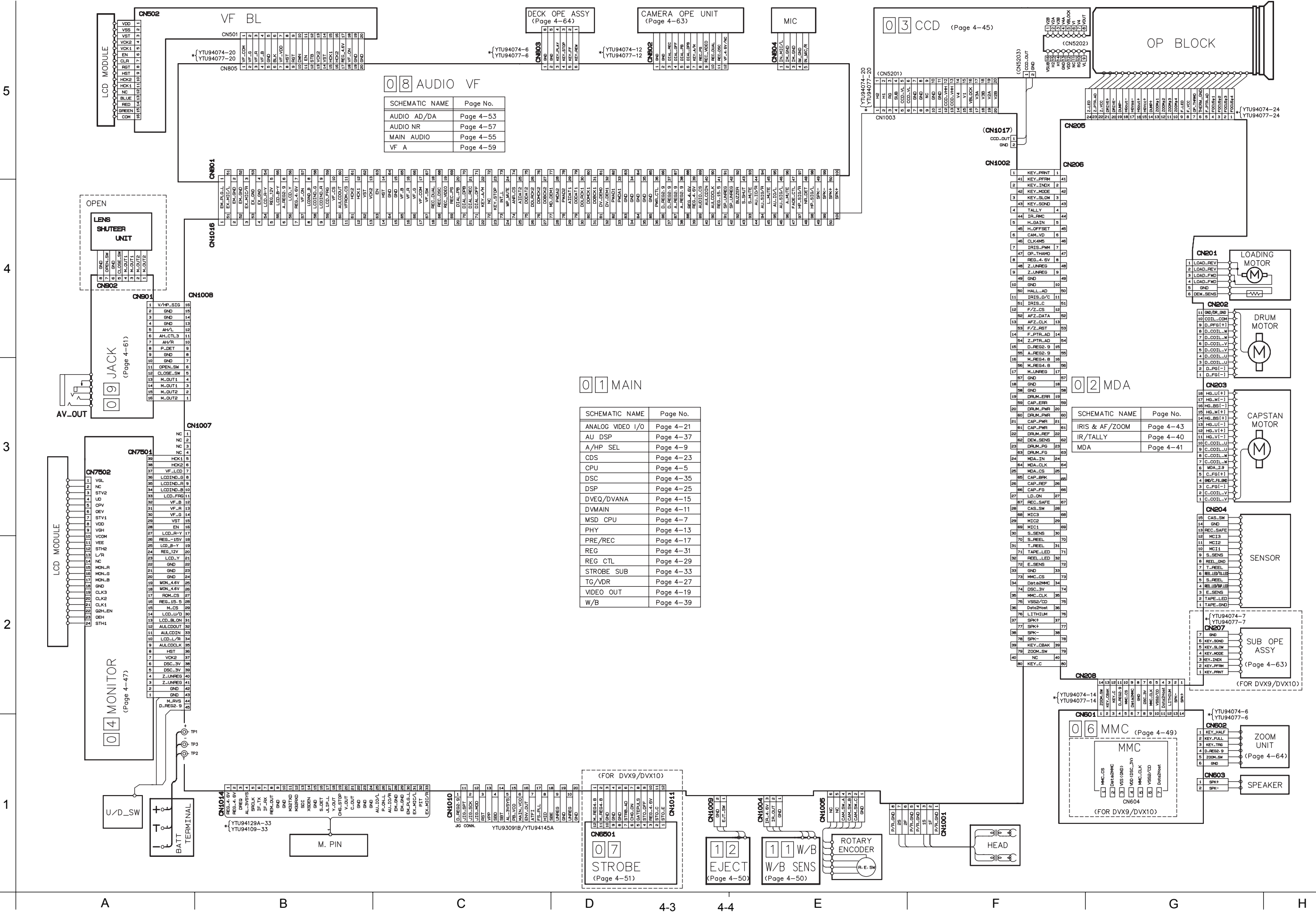
Parts location are indicated by guide scale on the circuit board.



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

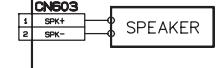
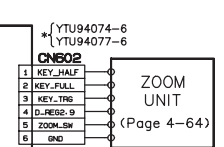
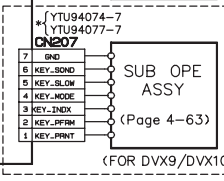
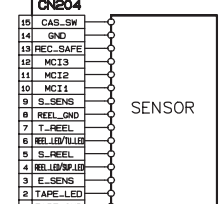
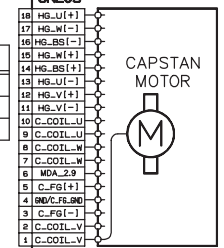
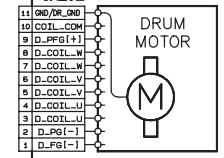
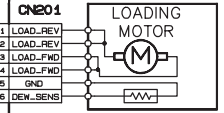
NOTE) *: The number of patch cords are indicated by interconnected.



SCHEMATIC NAME	Page No.
AUDIO AD/DA	Page 4-53
AUDIO NR	Page 4-57
MAIN AUDIO	Page 4-55
VF A	Page 4-59

SCHEMATIC NAME	Page No.
ANALOG VIDEO I/O	Page 4-21
AU DSP	Page 4-37
A/HP SEL	Page 4-9
CDS	Page 4-23
CPU	Page 4-5
DSC	Page 4-35
DSP	Page 4-25
DVEQ/DVANA	Page 4-15
DVMAIN	Page 4-11
MSD CPU	Page 4-7
PHY	Page 4-13
PRE/REC	Page 4-17
REG	Page 4-31
STROBE SUB	Page 4-33
TG/VDR	Page 4-27
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W/B	Page 4-39

SCHEMATIC NAME	Page No.
IRIS & AF/ZOOM	Page 4-43
IR/TALLY	Page 4-40
MDA	Page 4-41



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4-3

4-4

E

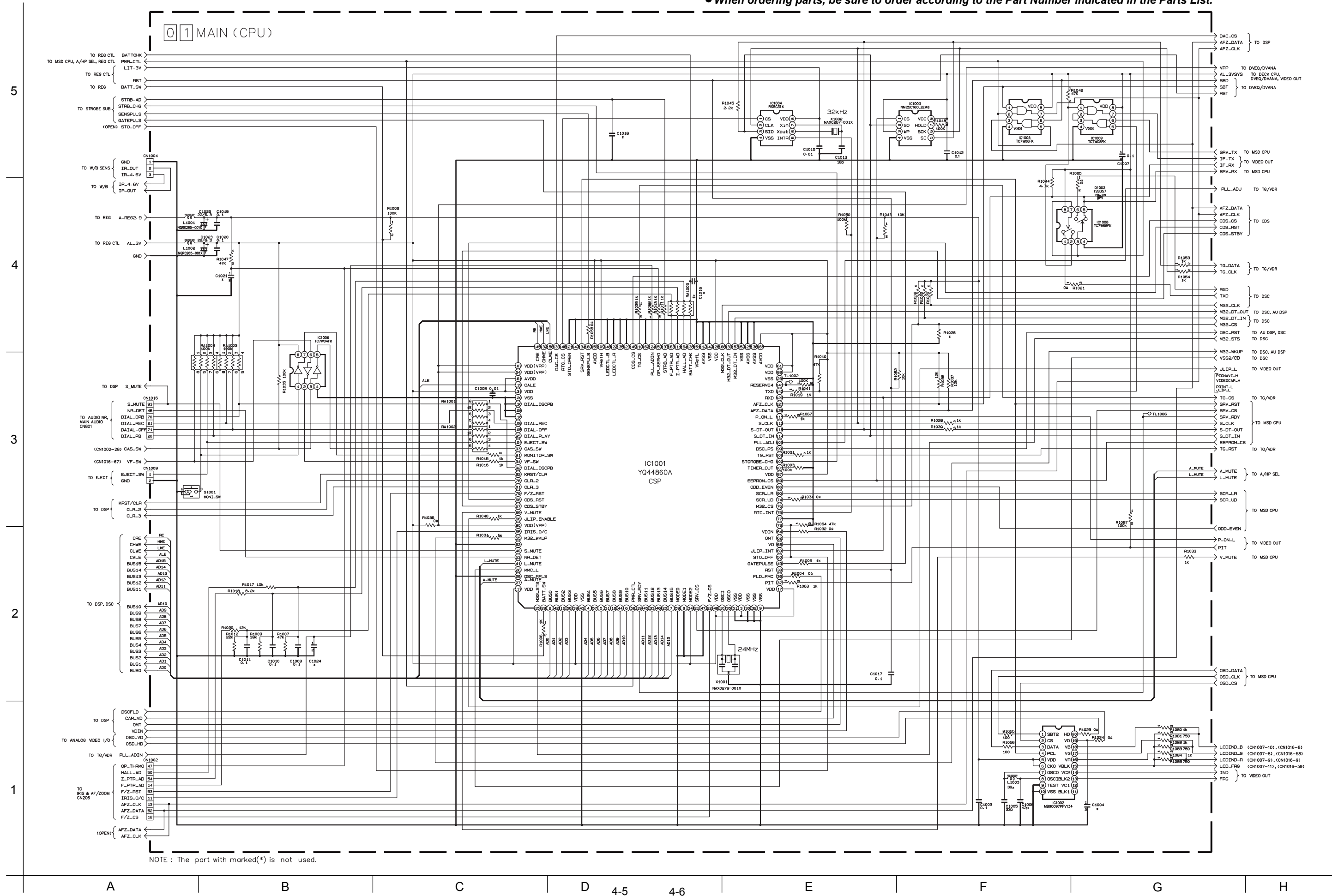
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H

4.2 CPU SCHEMATIC DIAGRAM

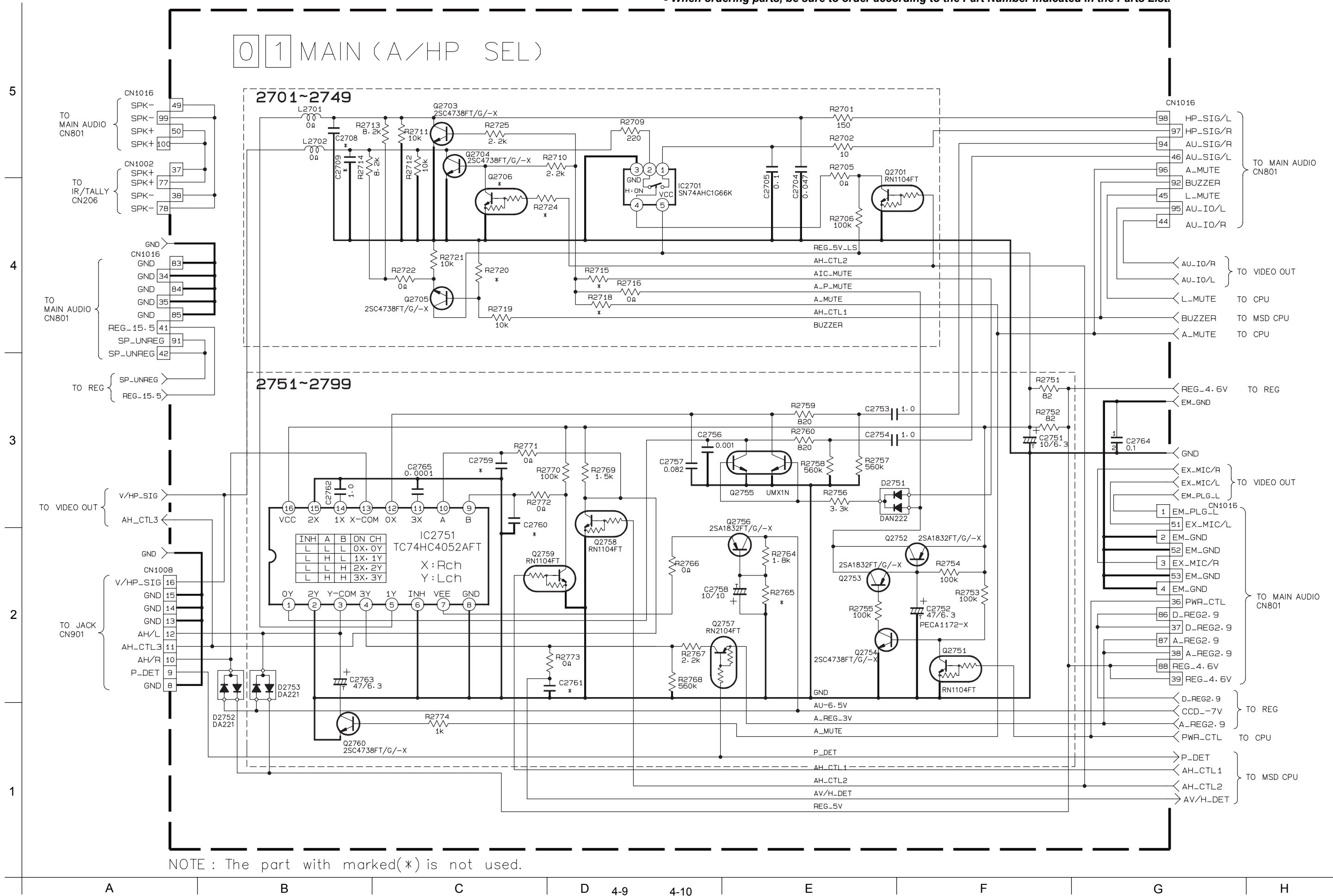
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

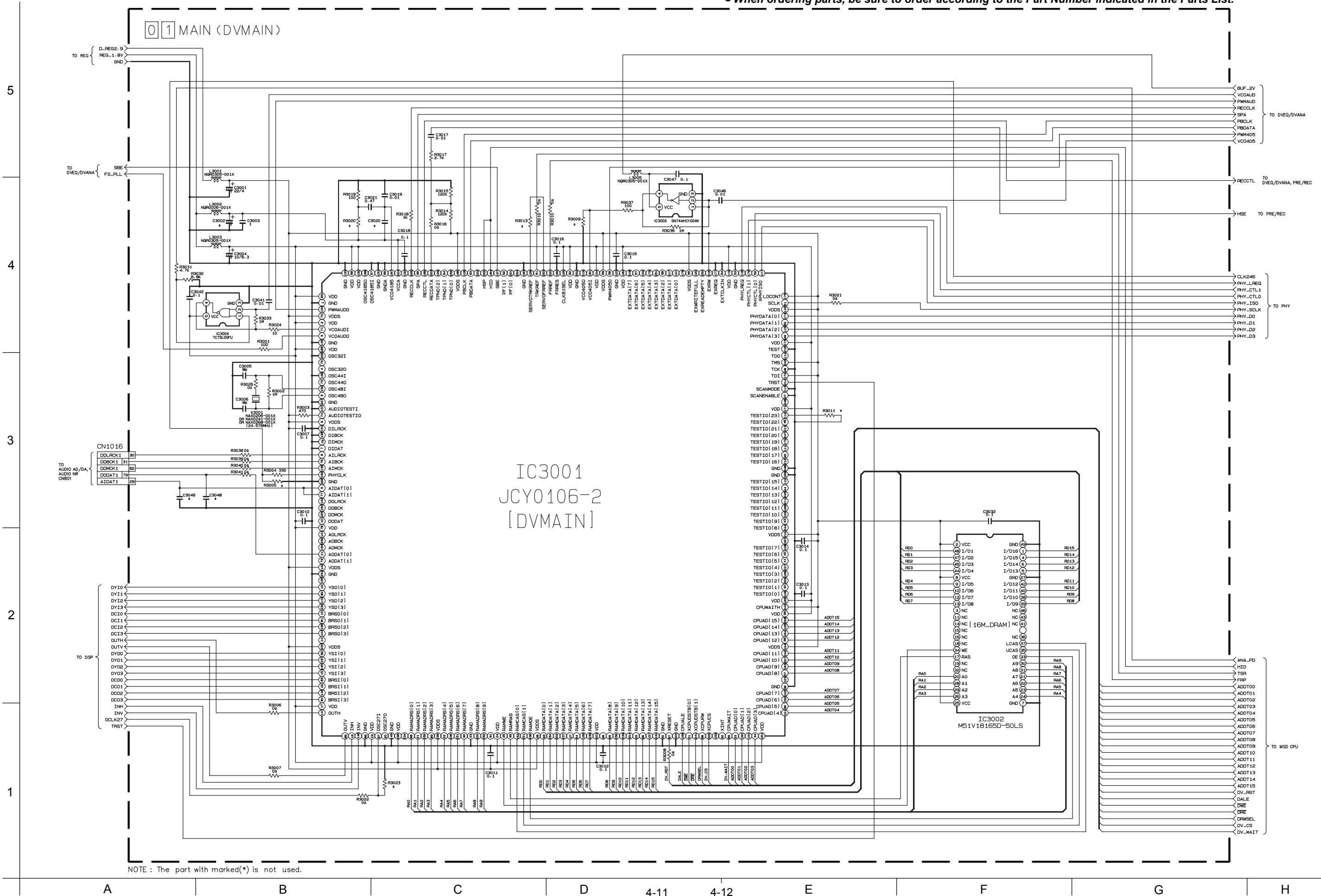
4.4 A/H/P SEL SCHEMATIC DIAGRAM

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.



4.5 DVMAIN SCHEMATIC DIAGRAM

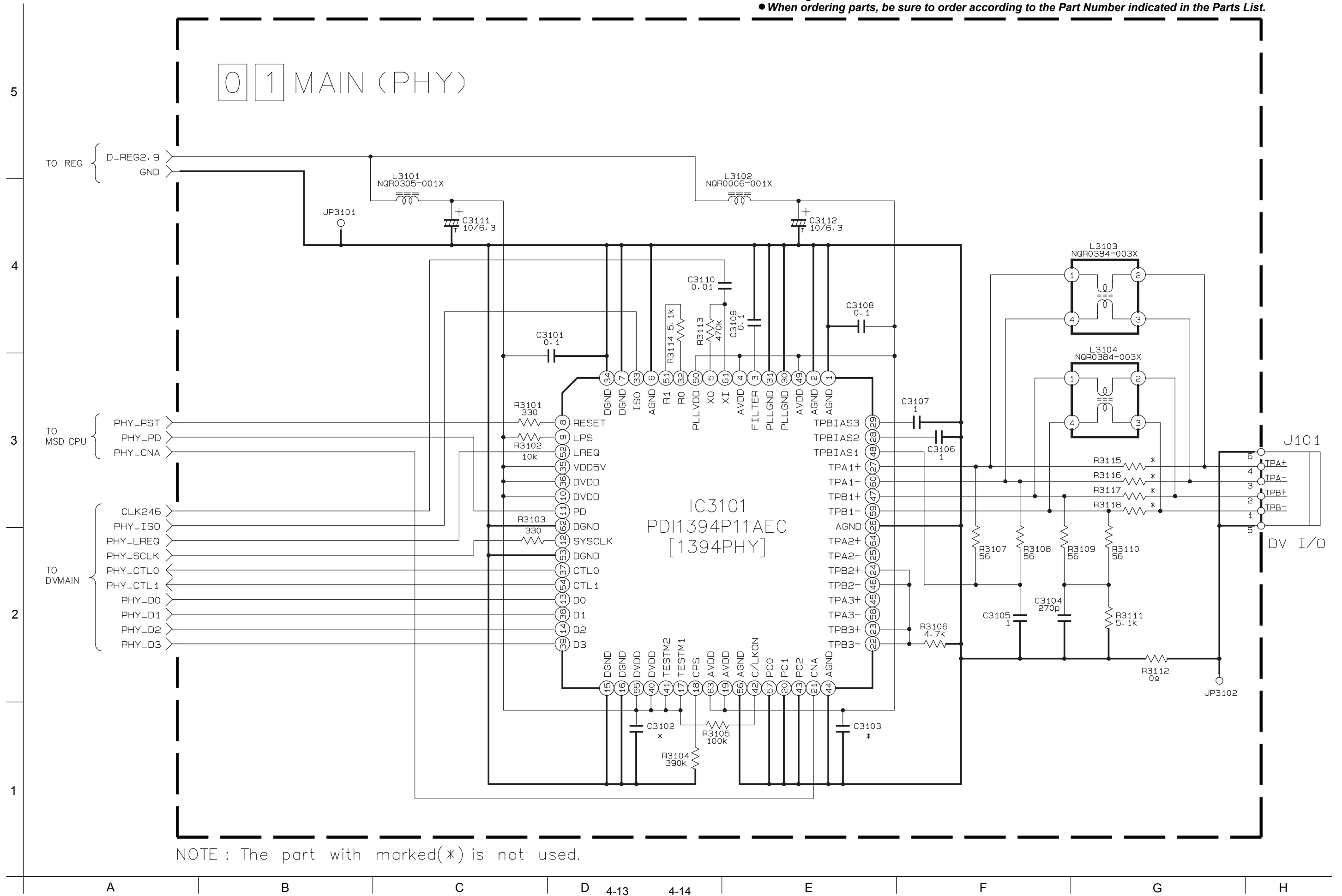
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

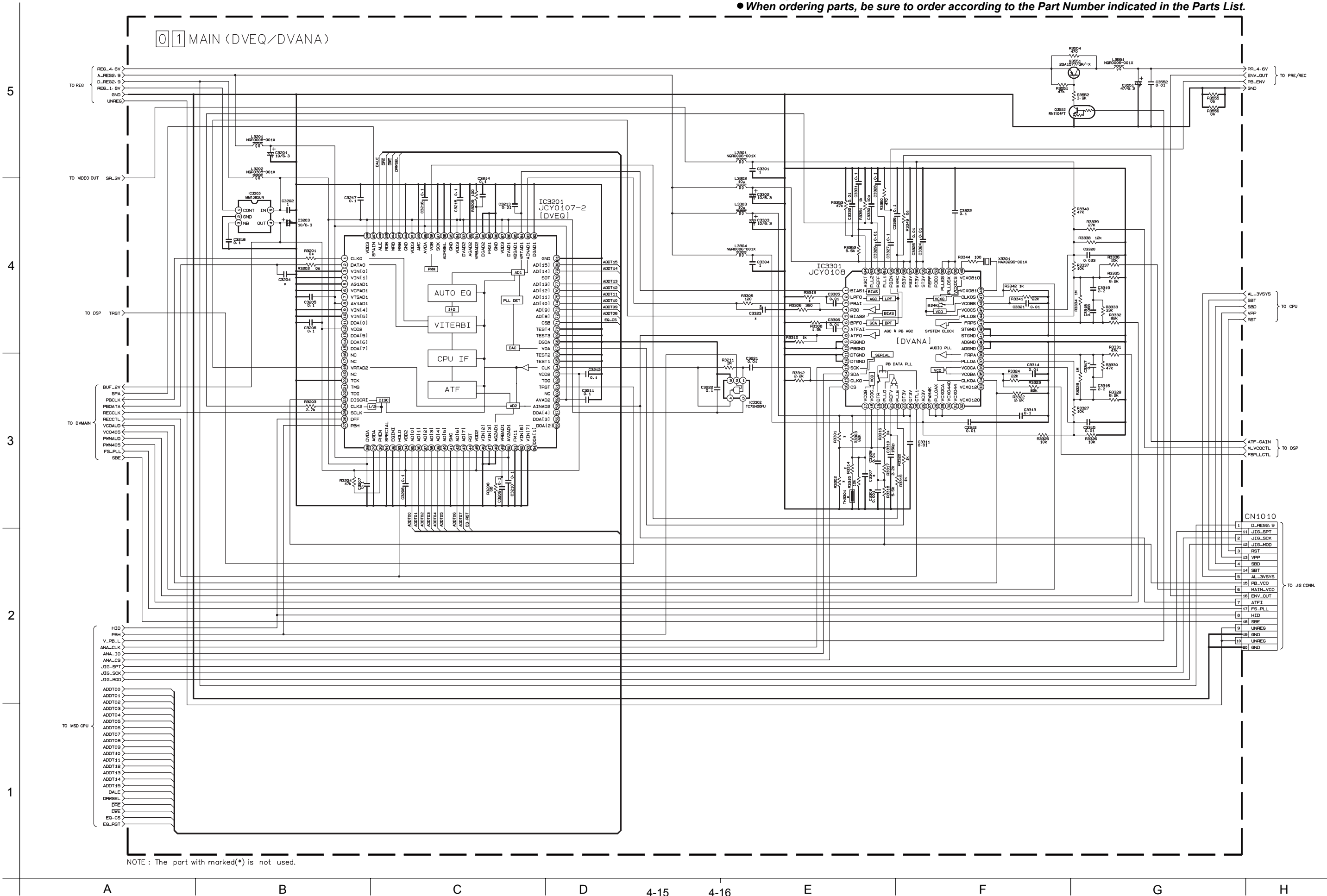
4.6 PHY SCHEMATIC DIAGRAM

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.



4.7 DVEQ/DVANA SCHEMATIC DIAGRAM

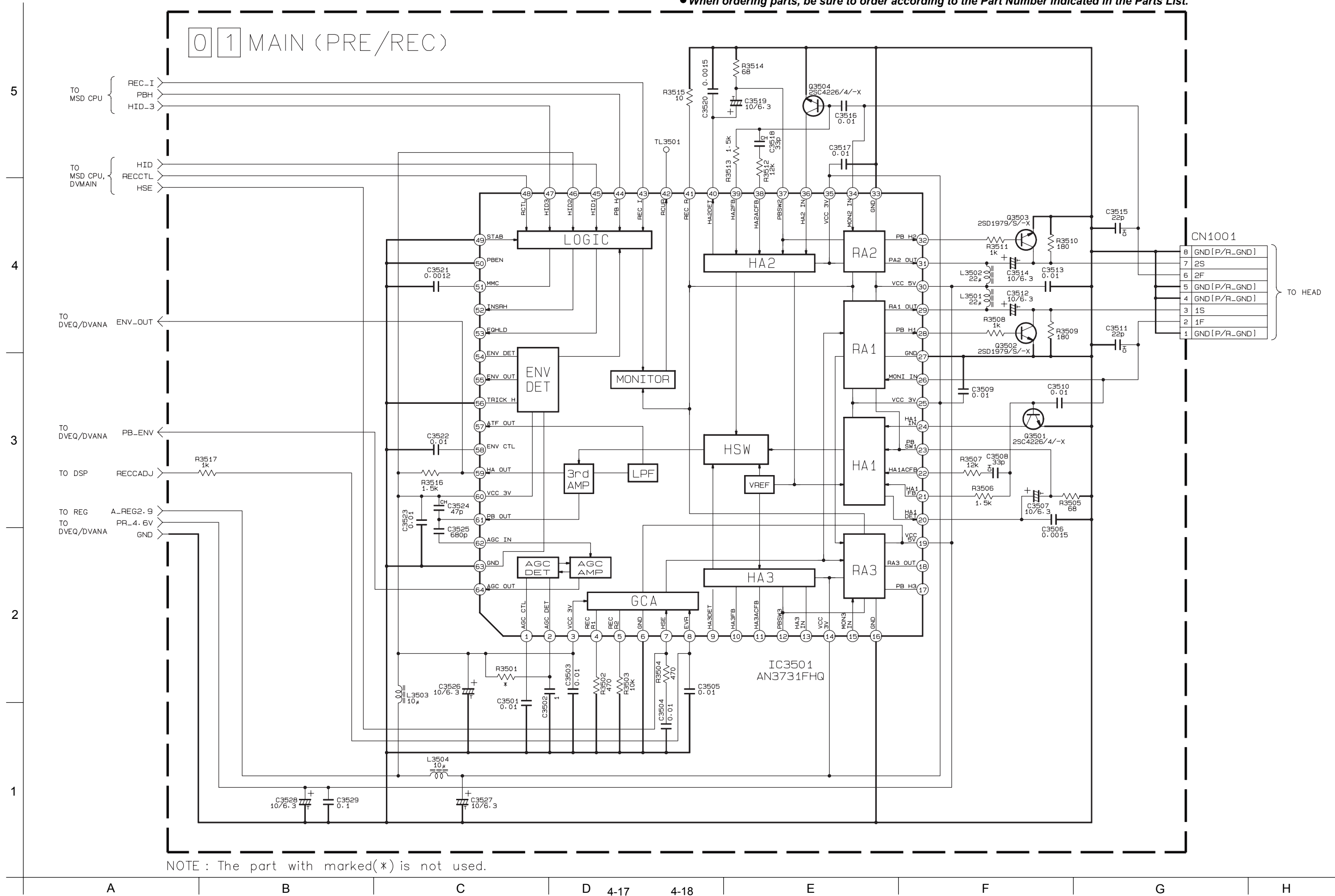
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

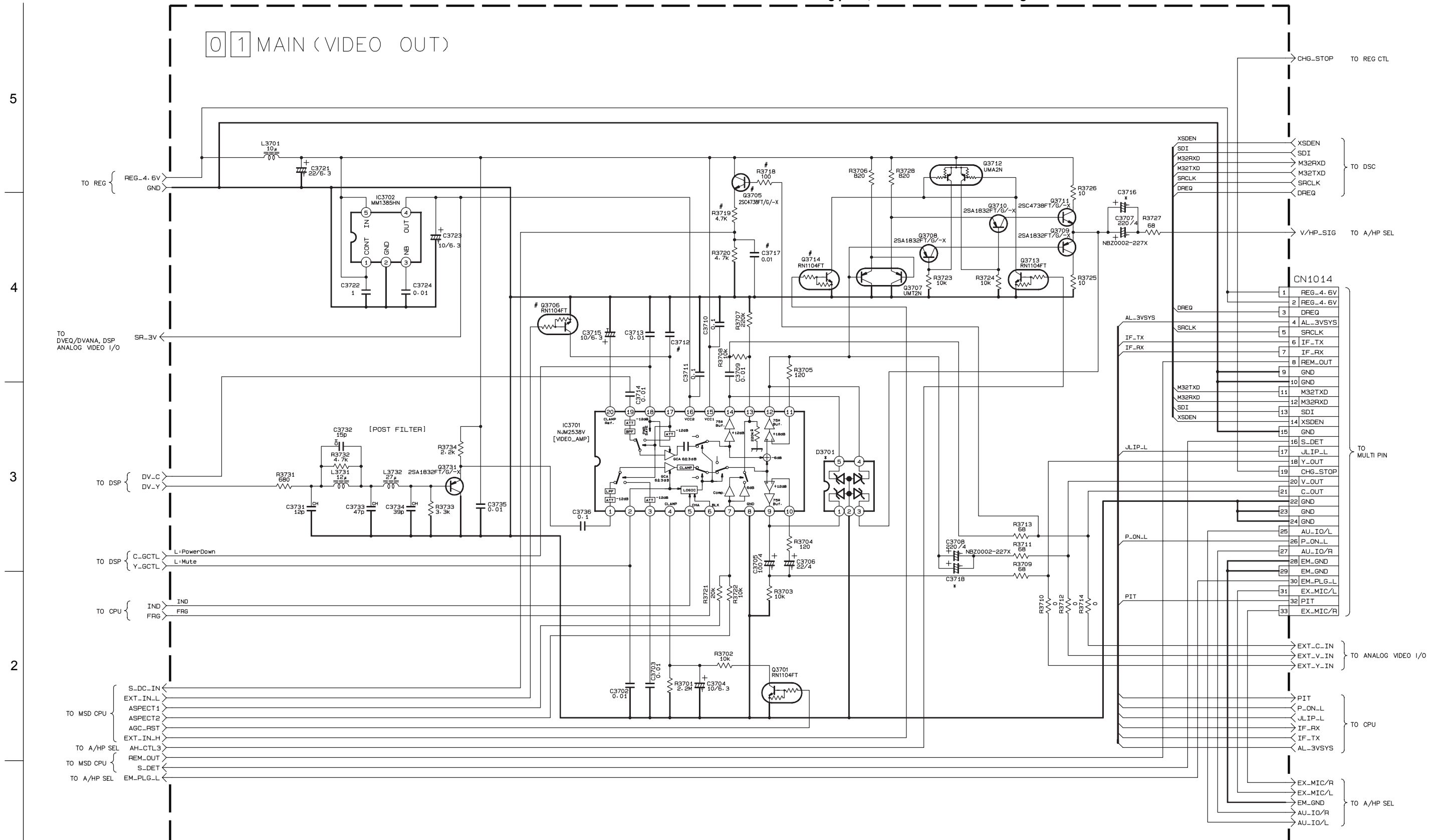
4.8 PRE/REC SCHEMATIC DIAGRAM

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.



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.



NOTES: 1. The part with marked(*) is not used.
2. COMPARISON CHART OF MODELS & MARKS(#).

REF. NO MODELS	Q3705 Q3706 Q3714	R3718 R3719	C3712	C3717
GR-DVX8	OPEN	OPEN	0	OPEN
GR-DVX9	OPEN	OPEN	0	OPEN
GR-DVX10	USED	USED	0.01	USED

A

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4-20

E

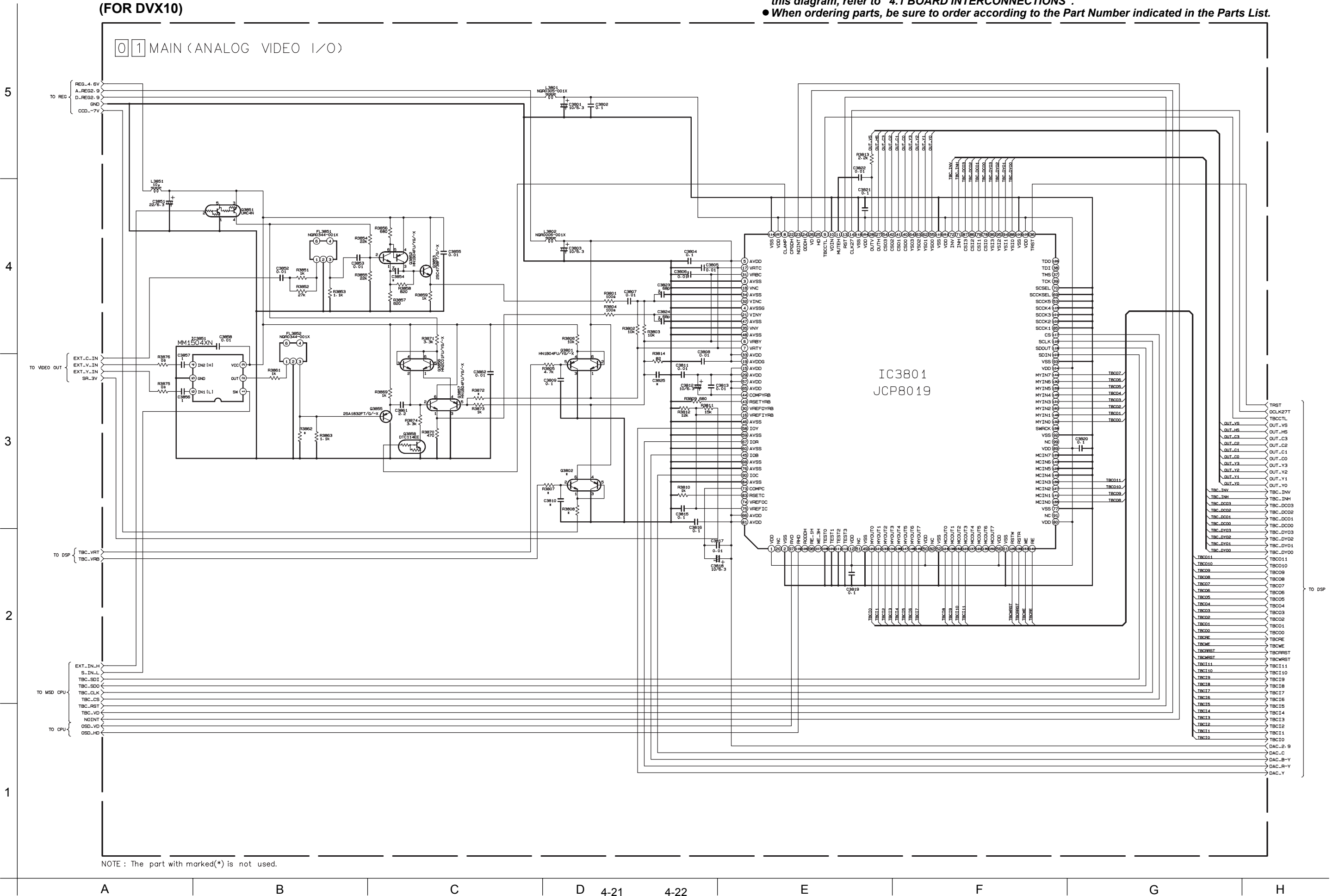
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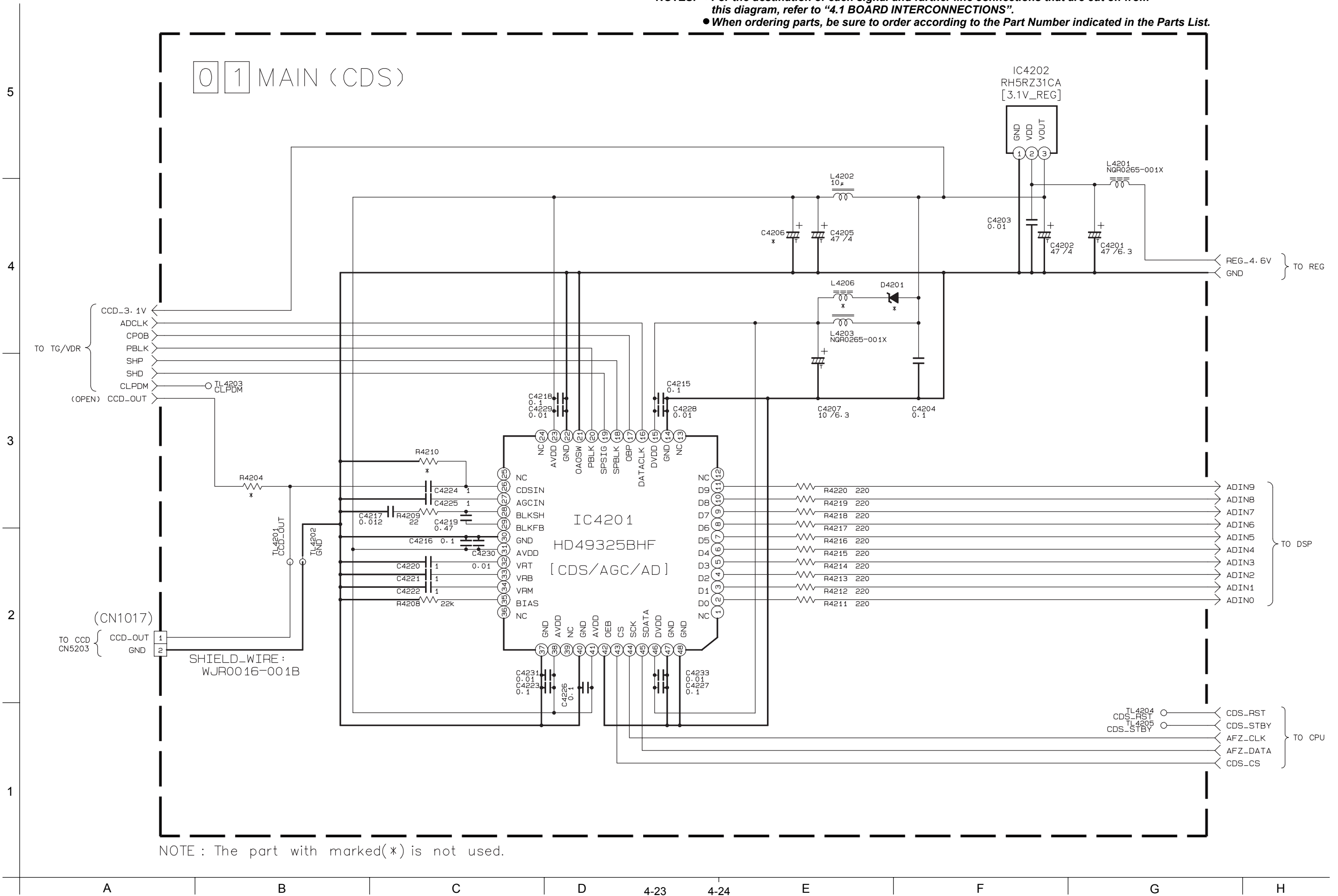
4.10 ANALOG VIDEO I/O SCHEMATIC DIAGRAM

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.



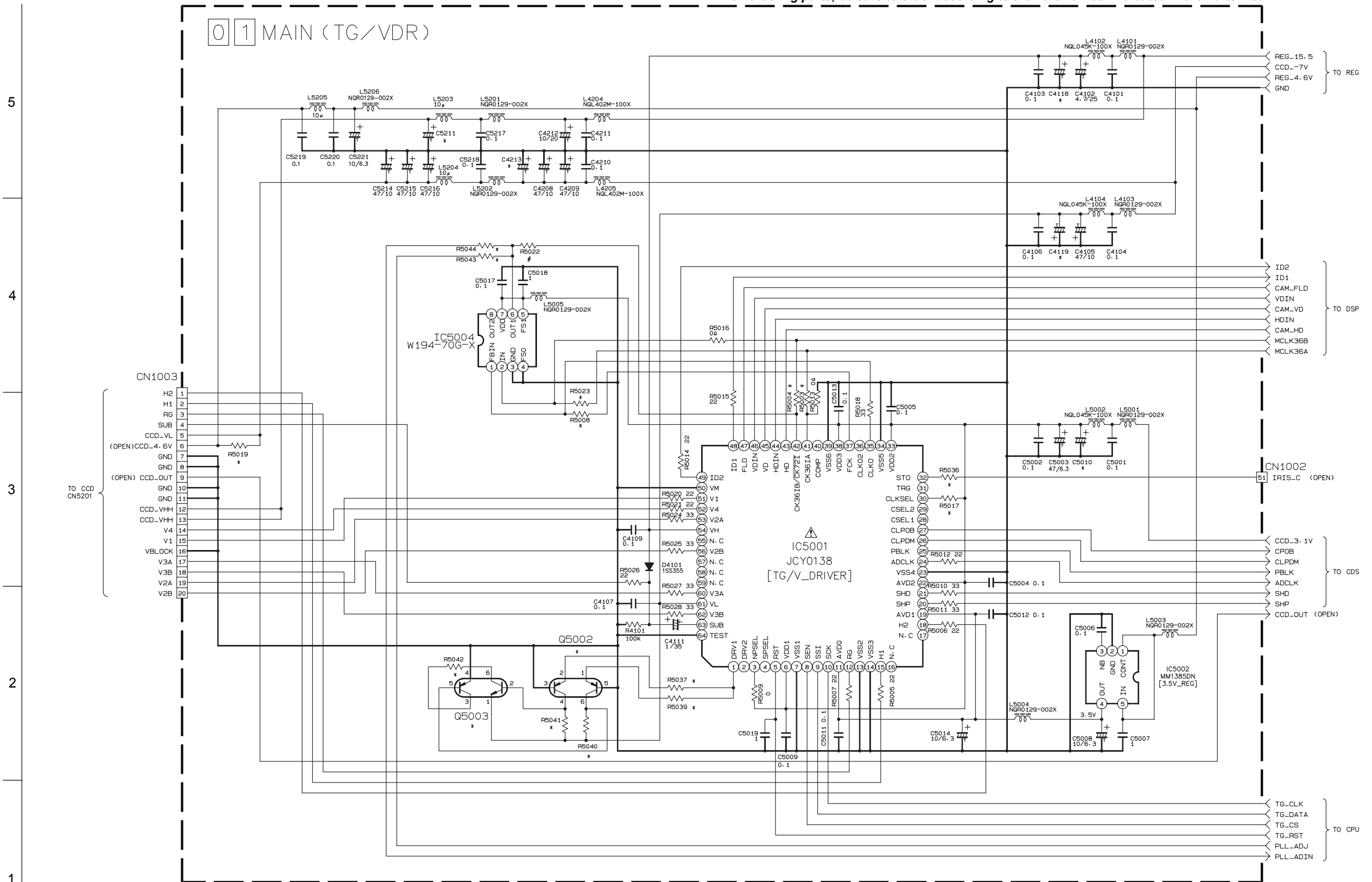
4.11 CDS SCHEMATIC DIAGRAM

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.



4.13 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.

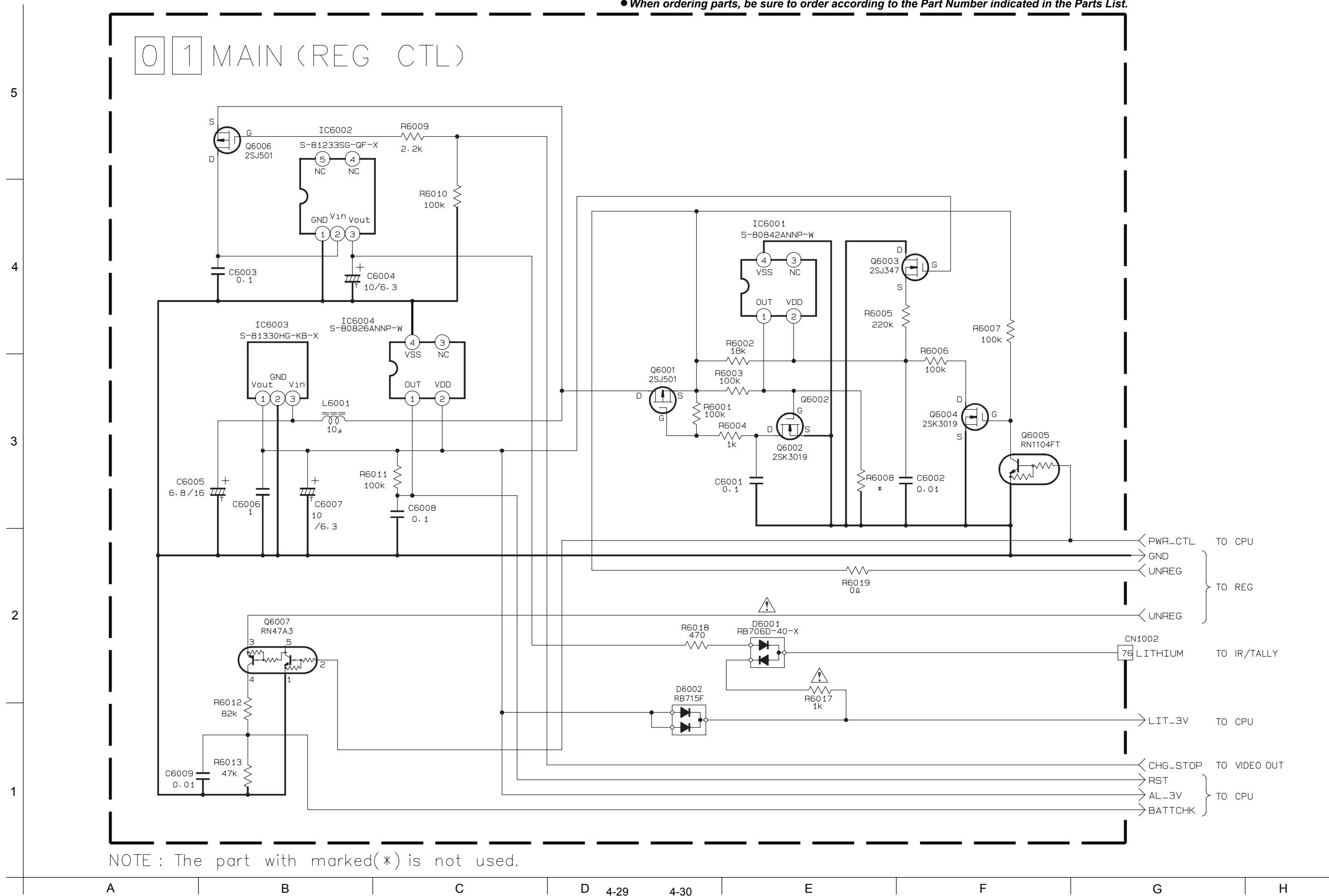


NOTES : 1. The part with marked(*) is not used.
2. COMPARISON CHART OF MODELS & MARKS(#).

REF. NO	R5022
MODELS	180
GR-DVX8/DVX9	120
GR-DVX10	

4.14 REG CTL SCHEMATIC DIAGRAM

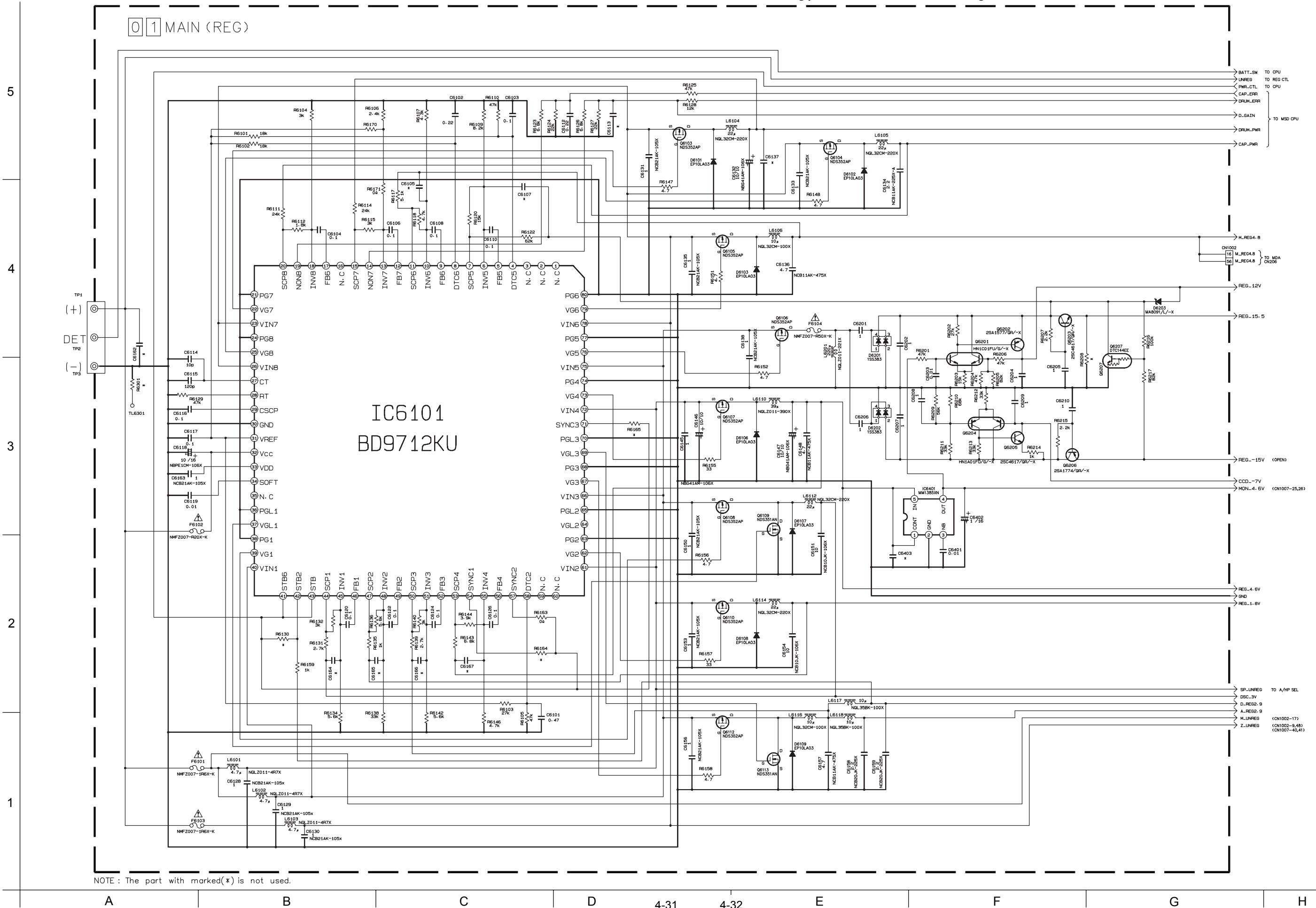
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

4.15 REGULATOR SCHEMATIC DIAGRAM

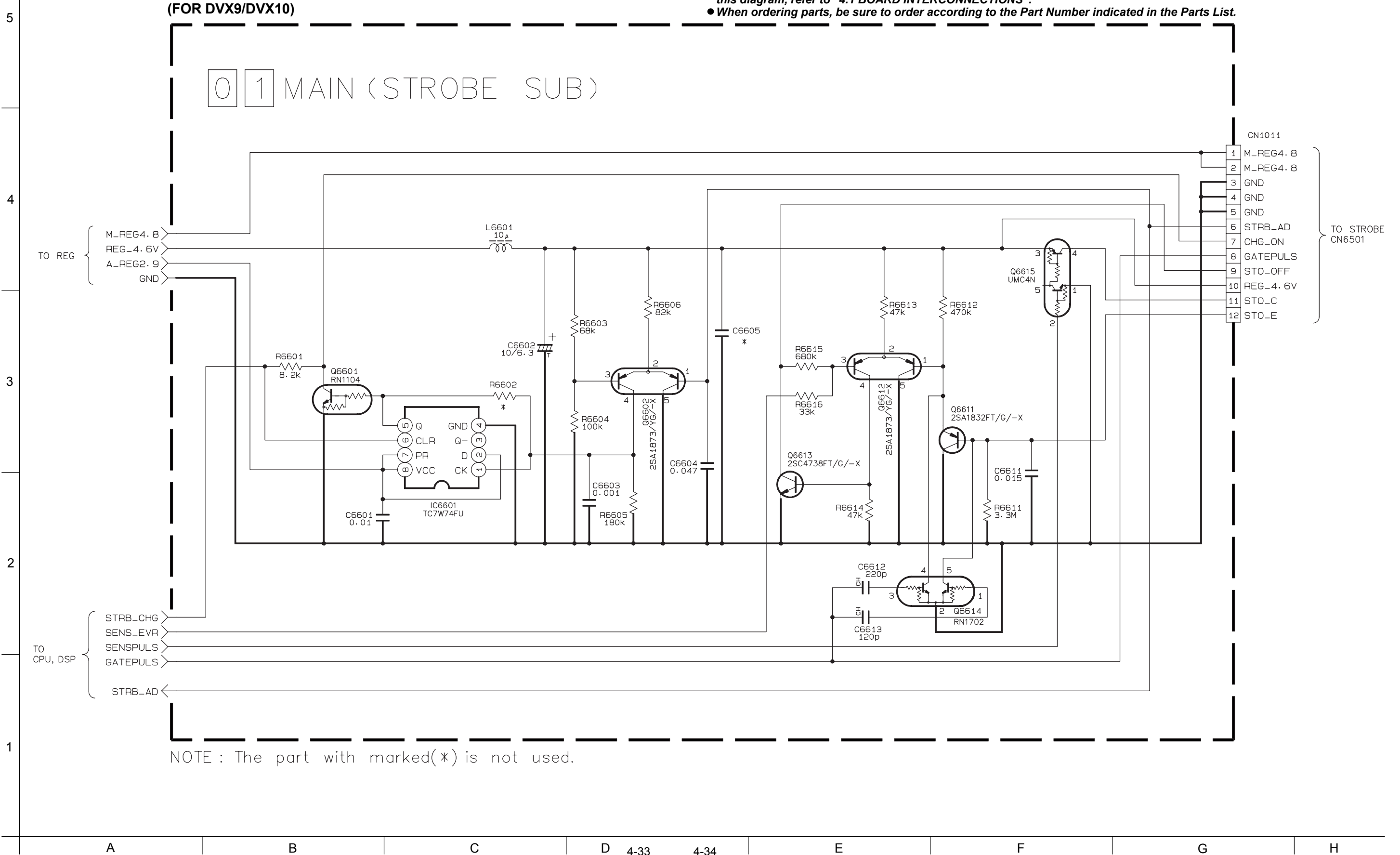
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

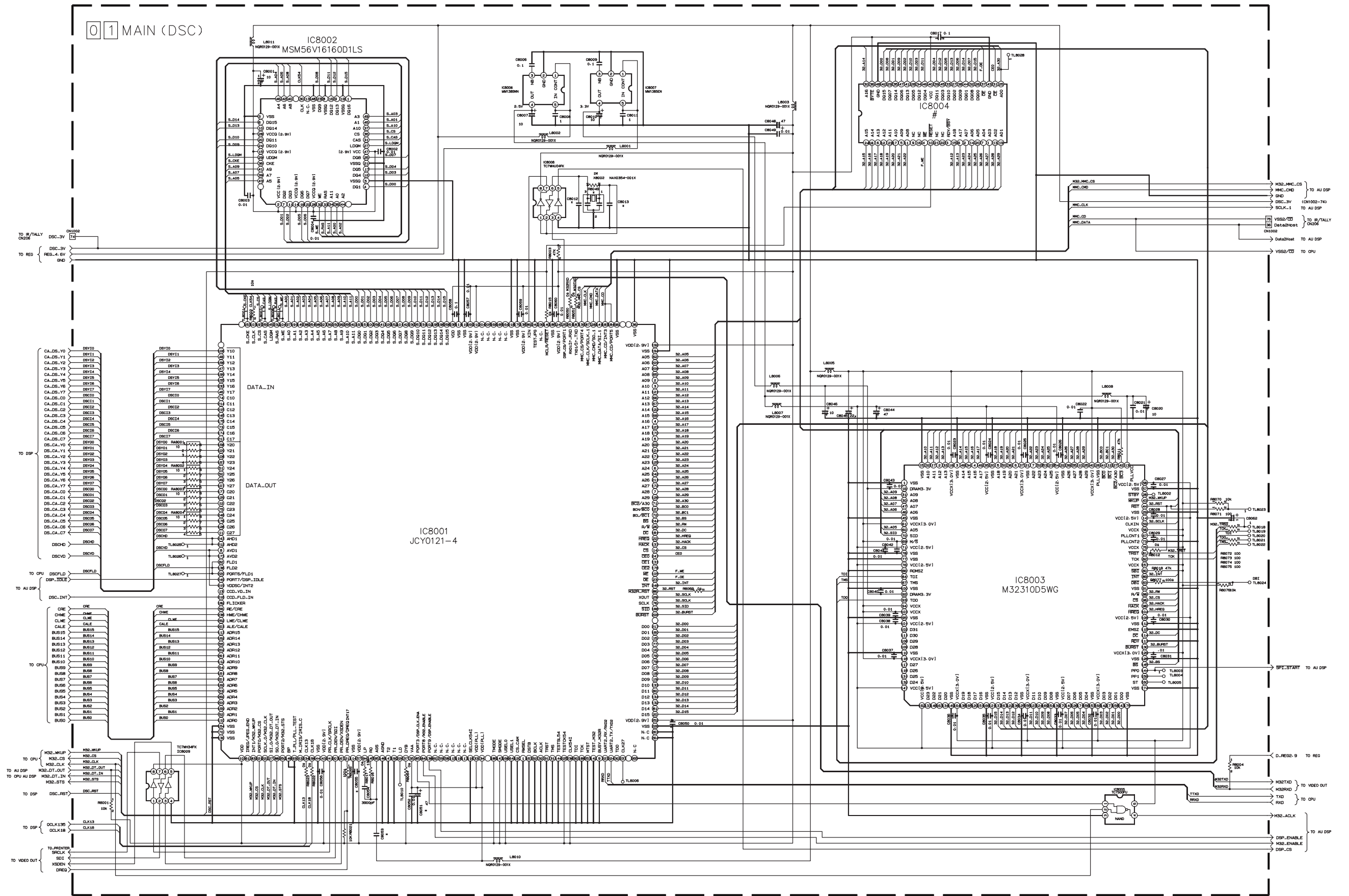
4.16 STROBE SUB SCHEMATIC DIAGRAM

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.



4.17 DSC SCHEMATIC DIAGRAM

(FOR DVX9/DVX10)



NOTES : 1. The part with marked(*) is not used.
2. COMPARISON CHART OF MODELS & MARKS(#).

REF. NO	IC8004
GR-DVX9	MBV800TA90BA02
GR-DVX10	MBV800TA90BA08

A

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4-36

E

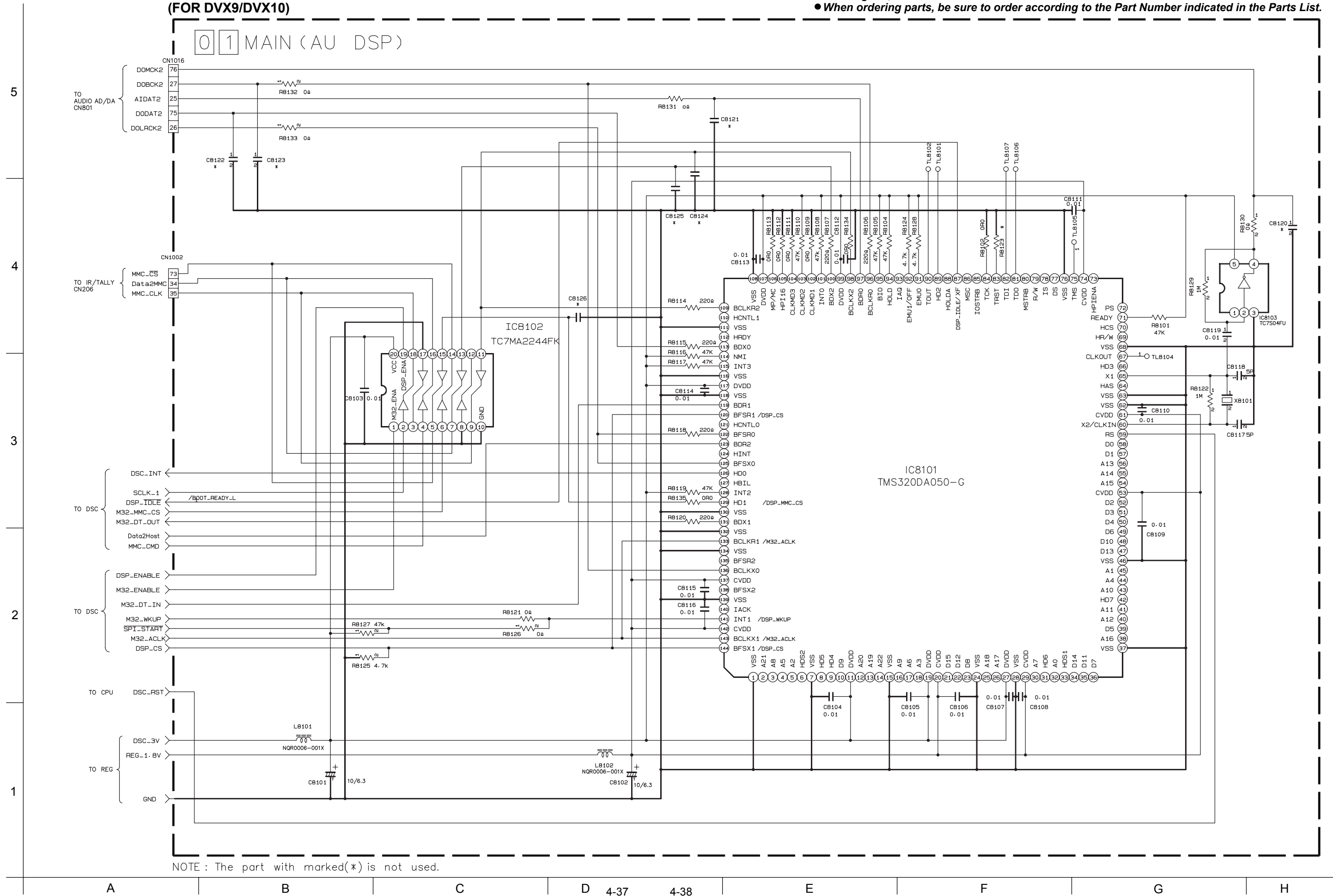
F

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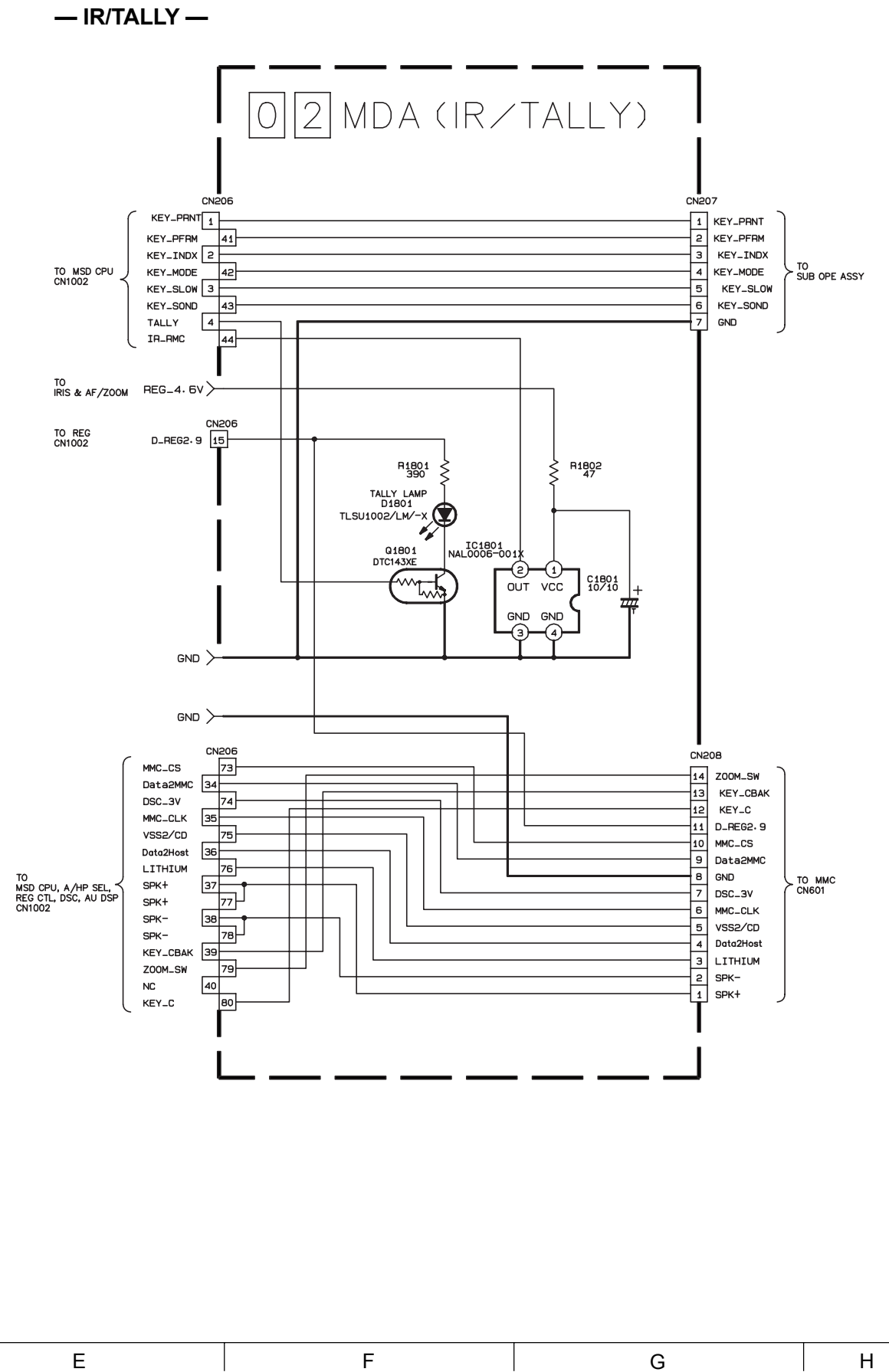
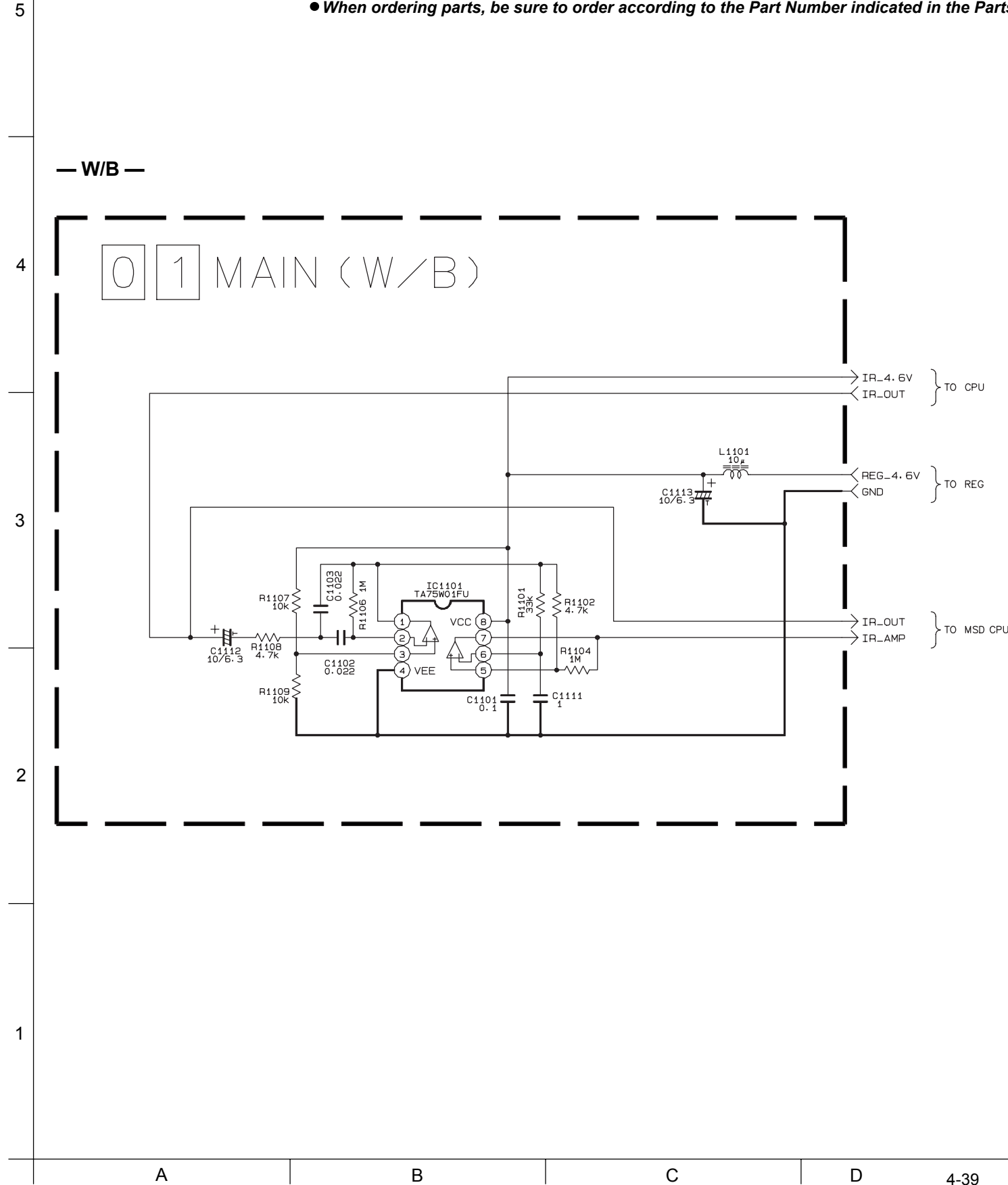
4.18 AU DSP SCHEMATIC DIAGRAM

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.



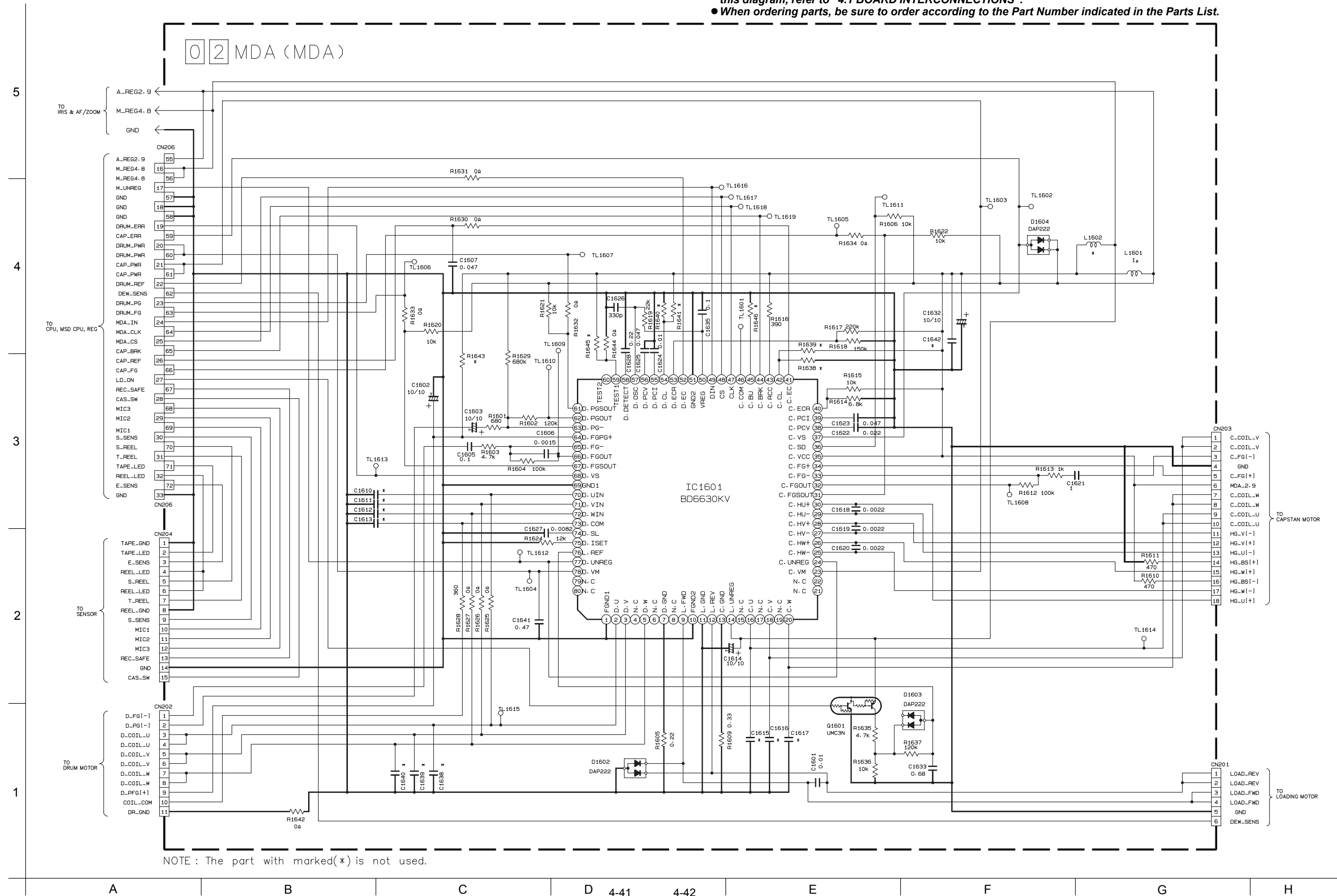
4.19 W/B AND IR/TALLY SCHEMATIC DIAGRAMS

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.



4.20 MDA SCHEMATIC DIAGRAM

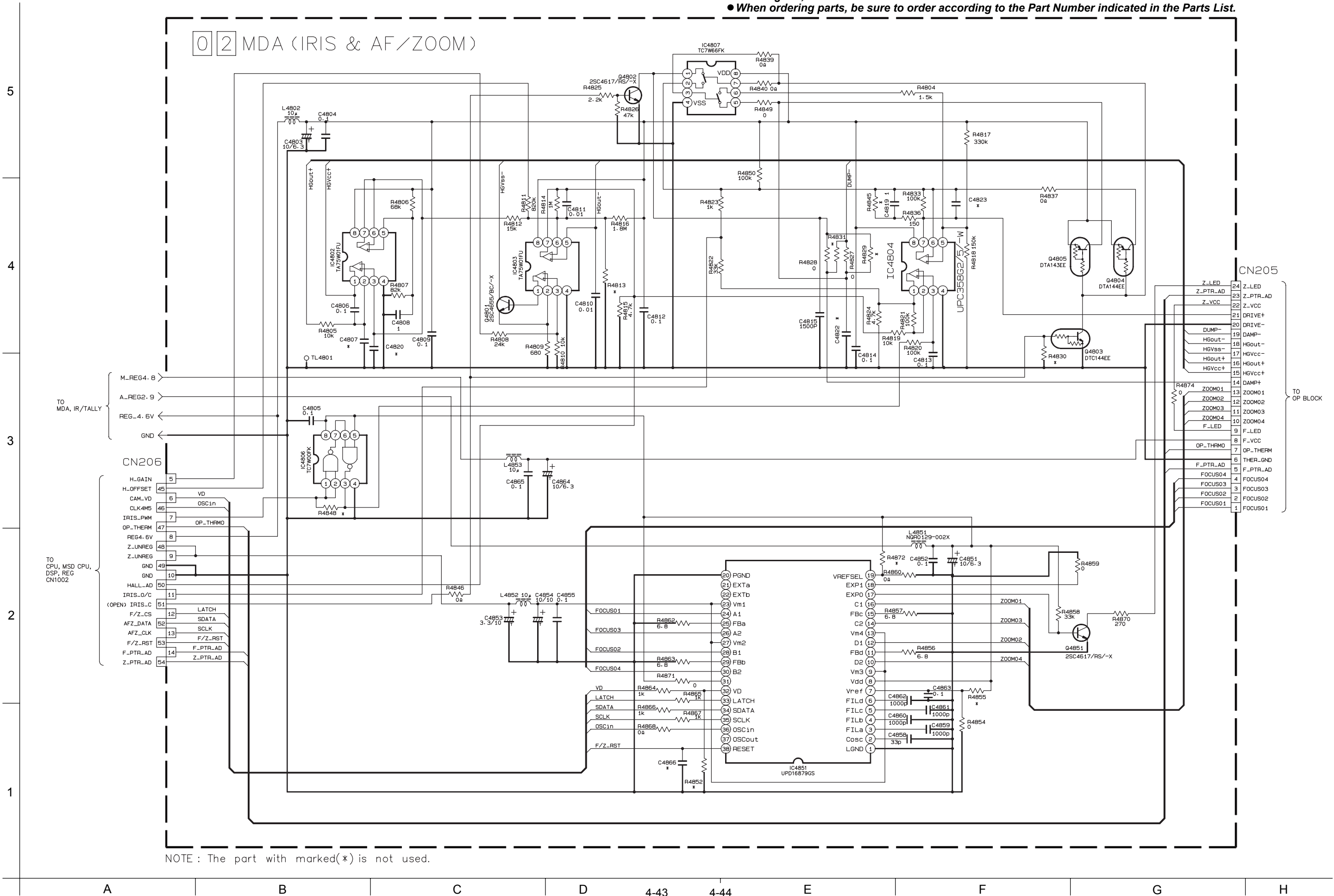
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

4.21 IRIS & AF/ZOOM SCHEMATIC DIAGRAM

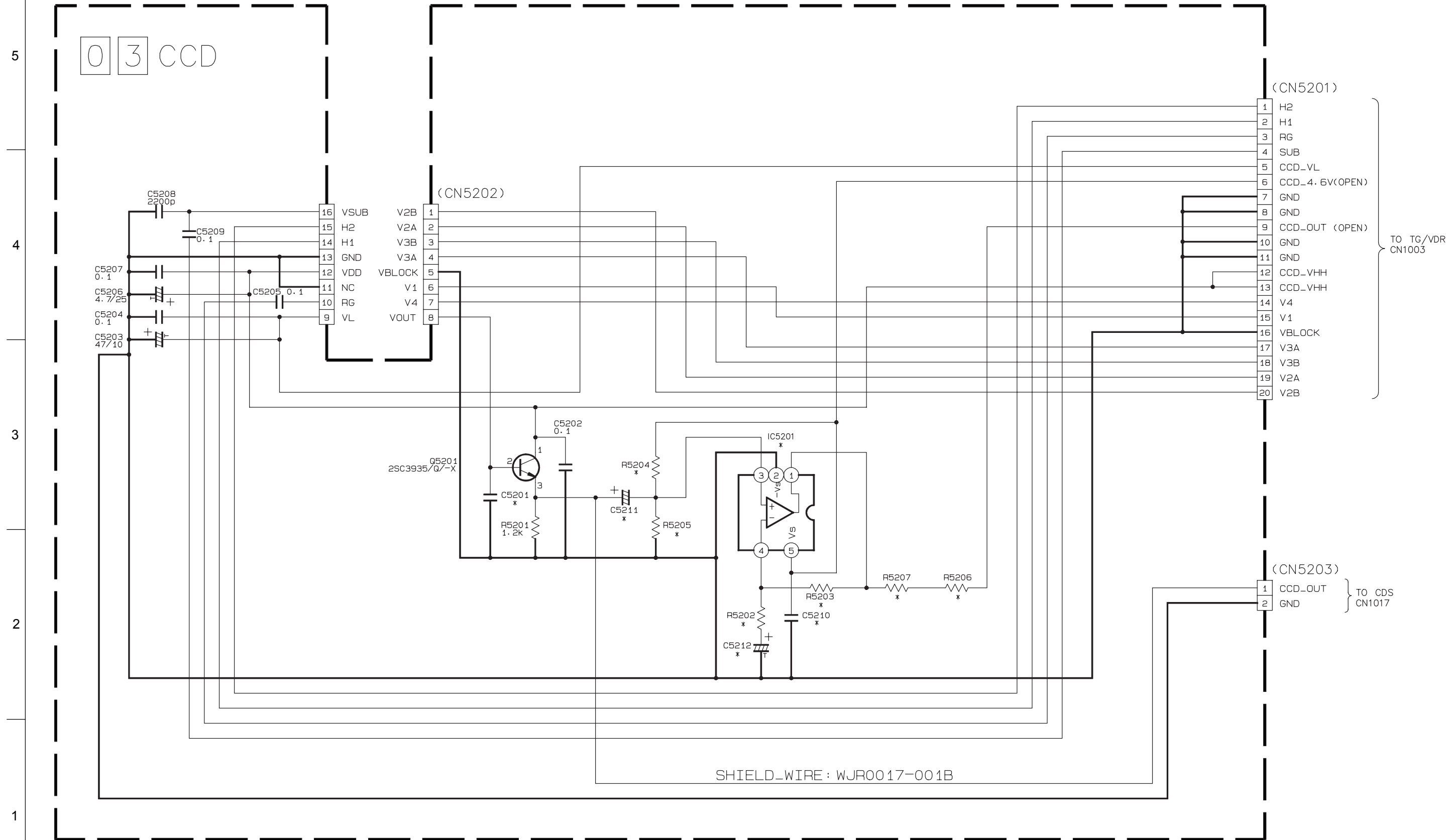
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

4.22 CCD SCHEMATIC DIAGRAM

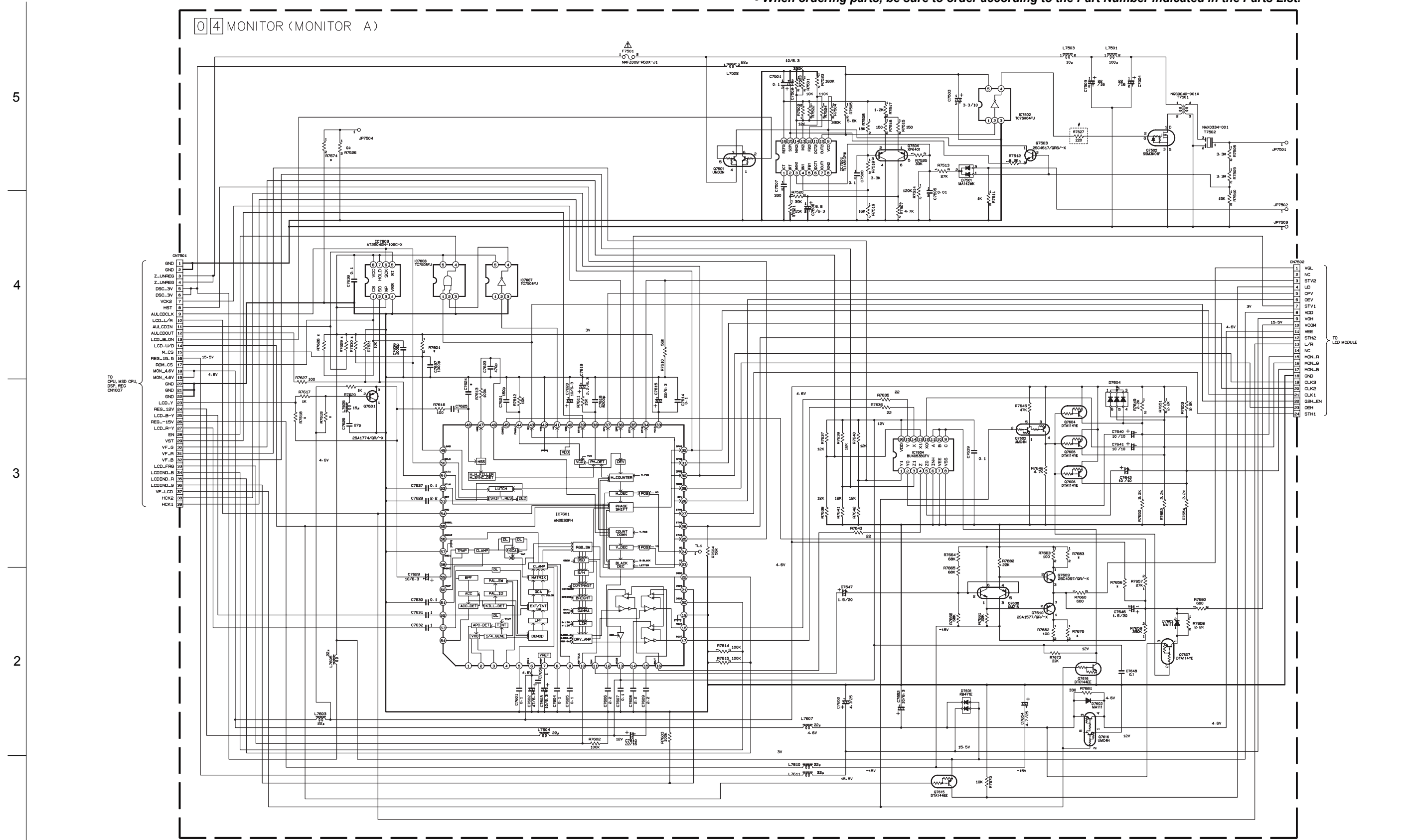
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

4.23 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.



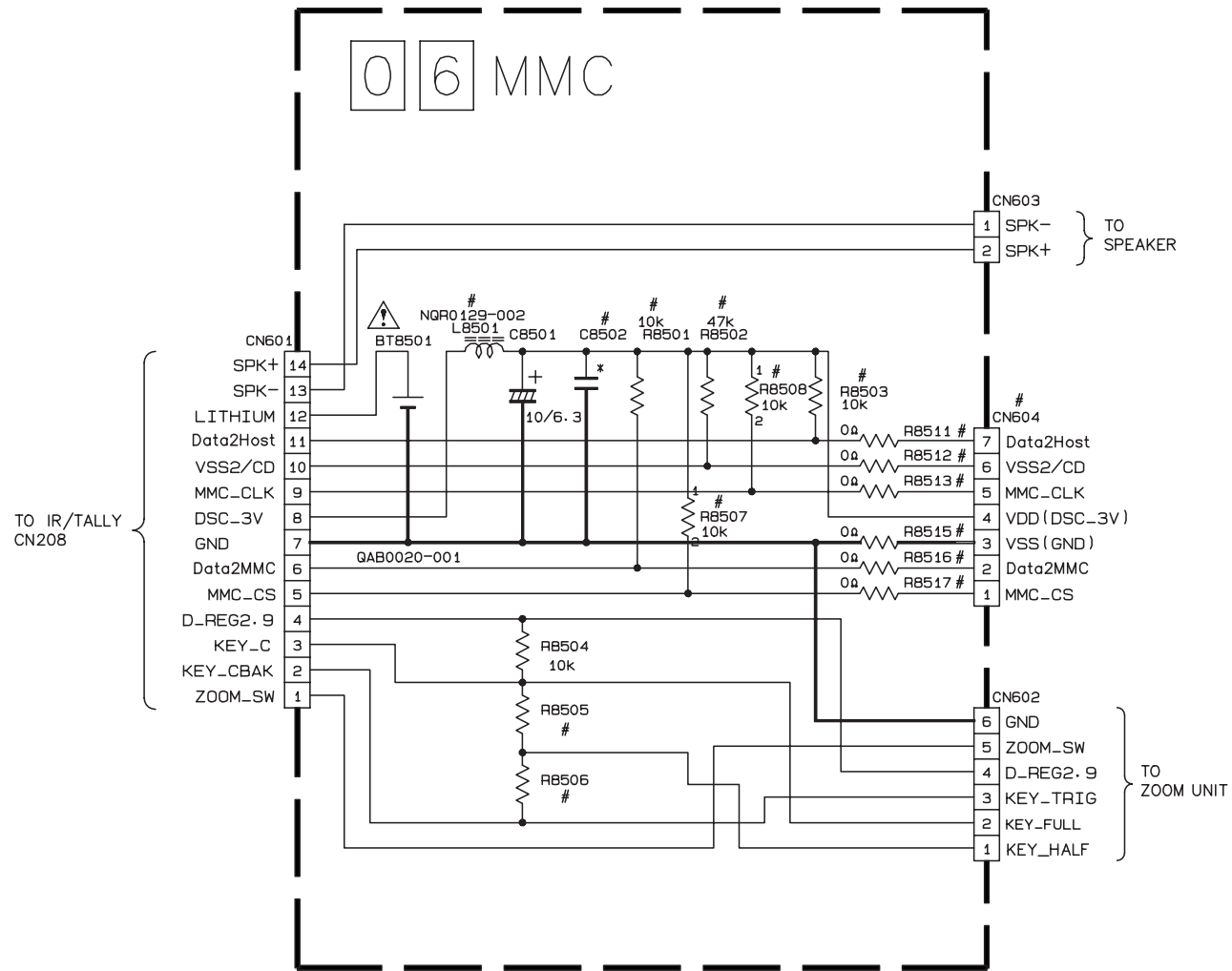
NOTES: 1.The part with marked(*) is not used.
 2.Comparison chart of models & marks(#).

MODELS	PWB	PULL DOWN
GR-DVX8EG/ DVX9EG/EK/ DVX10EG		NOT USED
GR-DVX8EK/ DVX10EK		USED

4.24 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.

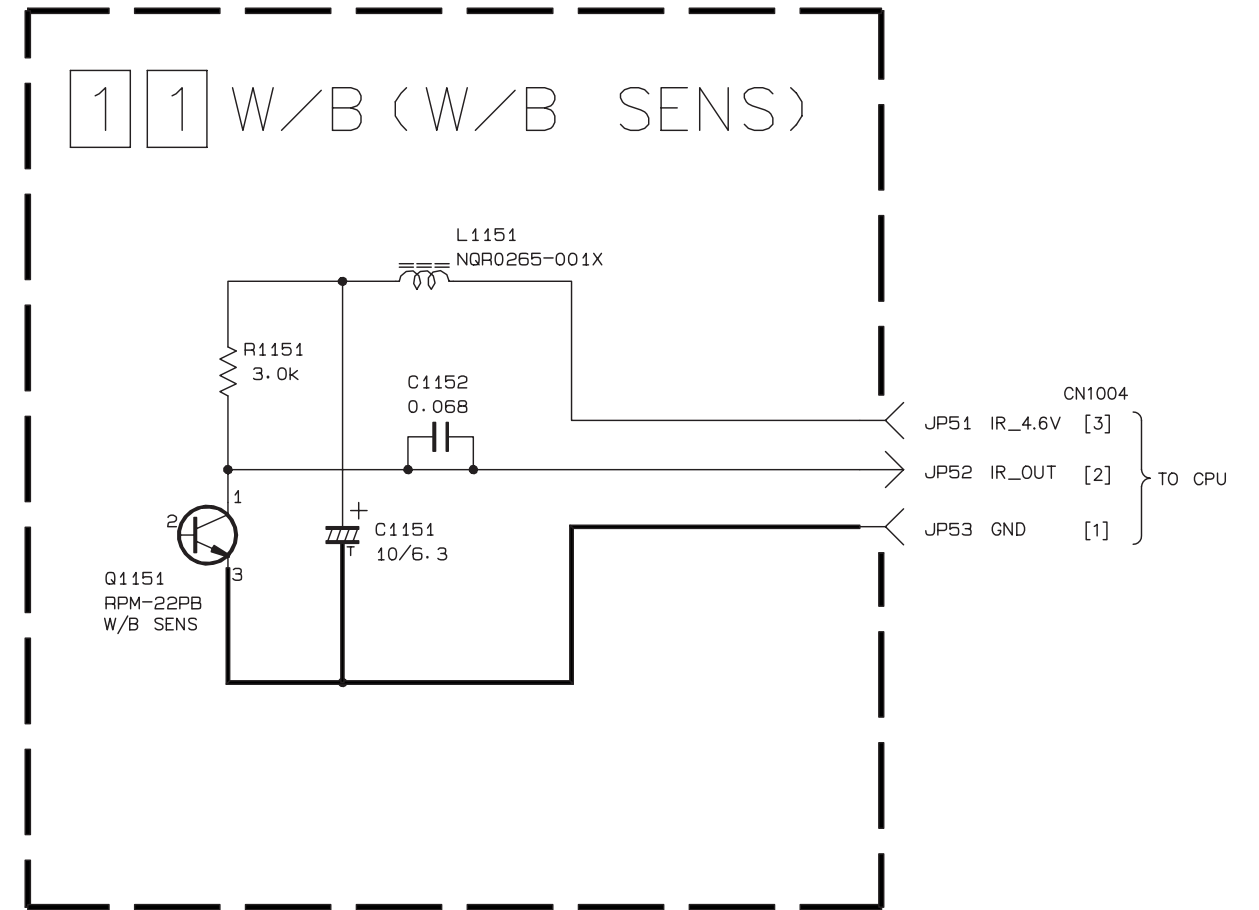
— MMC —



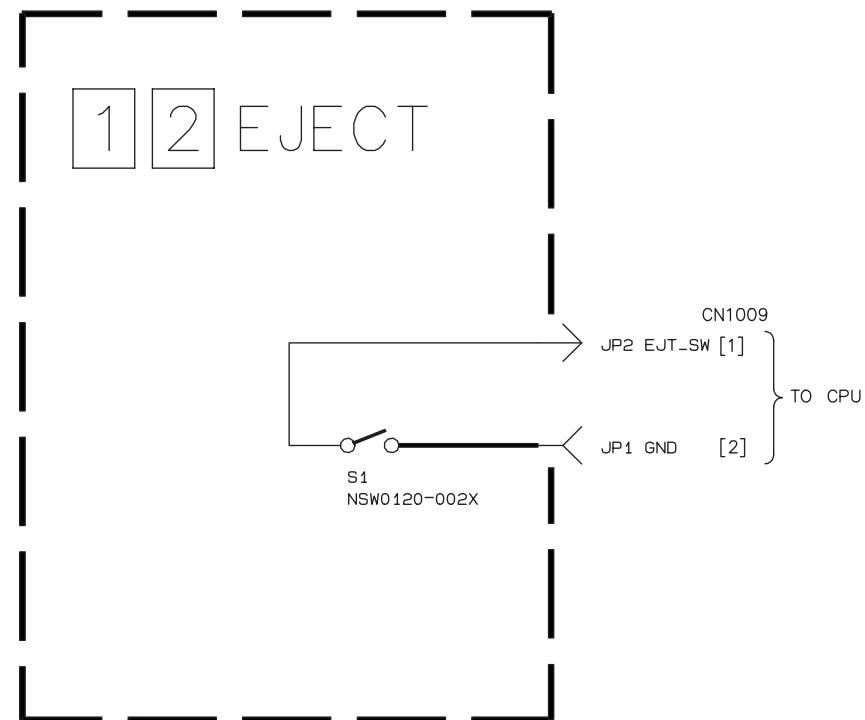
NOTES : 1. The part with marked(*) is not used.
 2. COMPARISON CHART OF MODELS & MARKS(#).

REF. NO MODELS	R8501 ? R8503	R8505	R8506	R8507,R8508 R8511~R8513 R8515~R8517	C8501	L8501	CN604
GR-DVX8	OPEN	0	33K	OPEN	OPEN	OPEN	OPEN
GR-DVX9	USED	15K	18K	OPEN	USED	USED	USED
GR-DVX10	USED	15K	18K	USED	USED	USED	USED

— W/B SENS —



— EJECT —



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D 4-49

4-50

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4.25 STROBE SCHEMATIC DIAGRAM

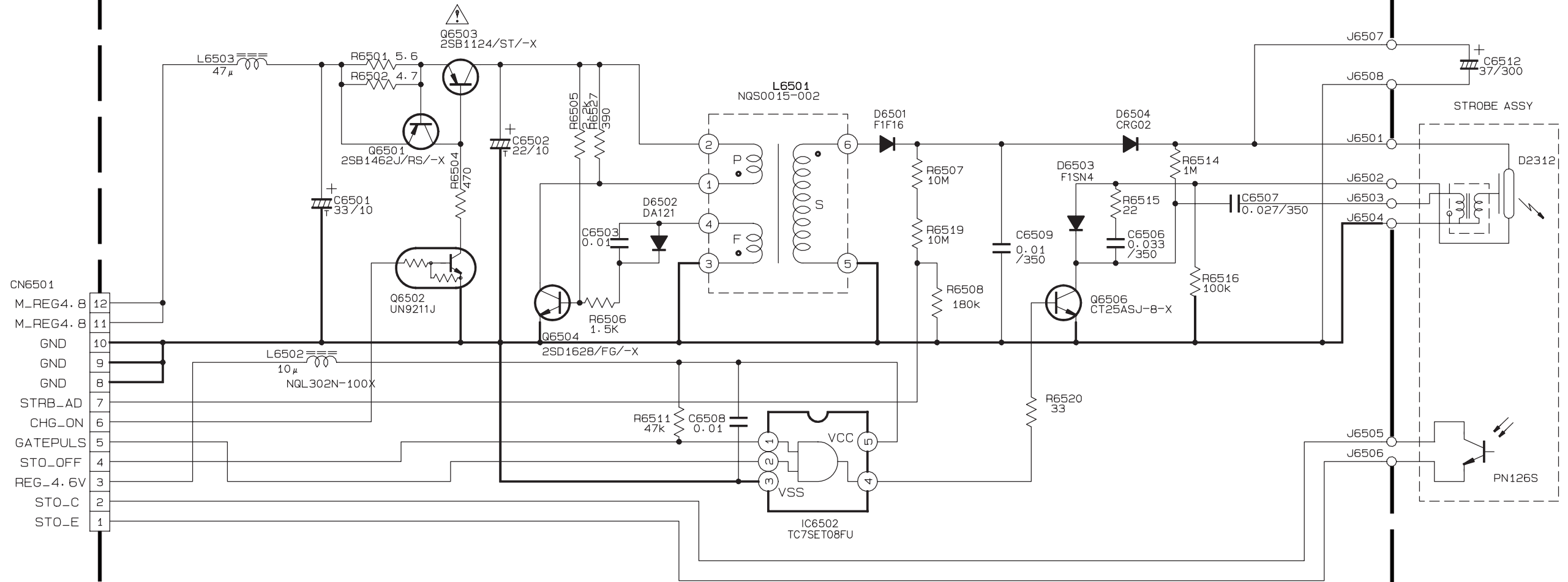
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(FOR DVX9/DVX10)

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.

07 STROBE

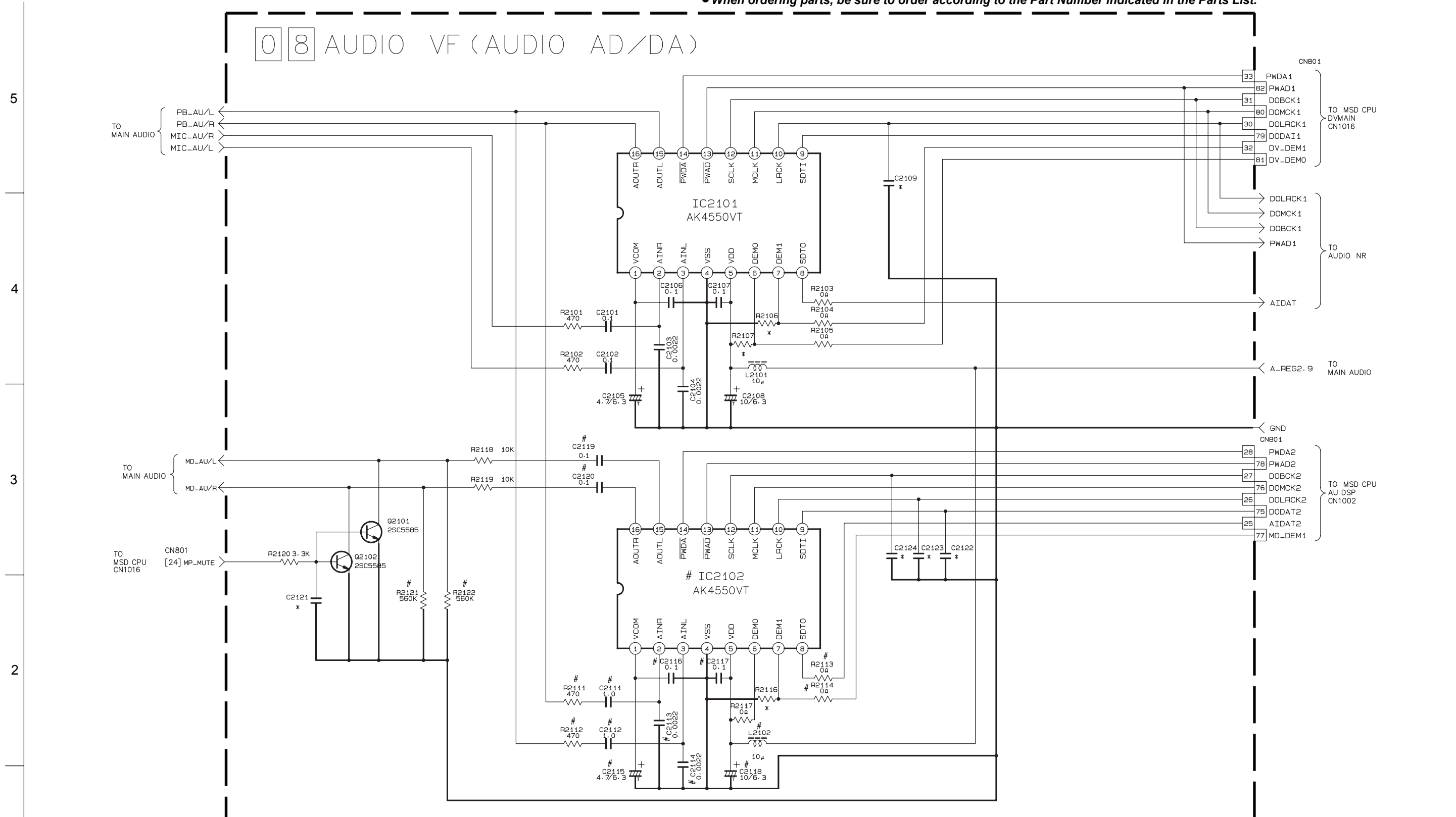
TO STROBE SUB
CN1011



A B C D 4-51 4-52 E F G H

4.26 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.



NOTES : 1. The part with marked(*) is not used.
2. COMPARISON CHART OF MODELS & MARKS(#).

REF. NO	IC2102	R2111 R2114	R2121 R2122	C2111 C2120	L2102
GR-DVX8	OPEN	OPEN	OPEN	OPEN	OPEN
GR-DVX9	USED	USED	USED	USED	USED
GR-DVX10	USED	USED	USED	USED	USED

1

2

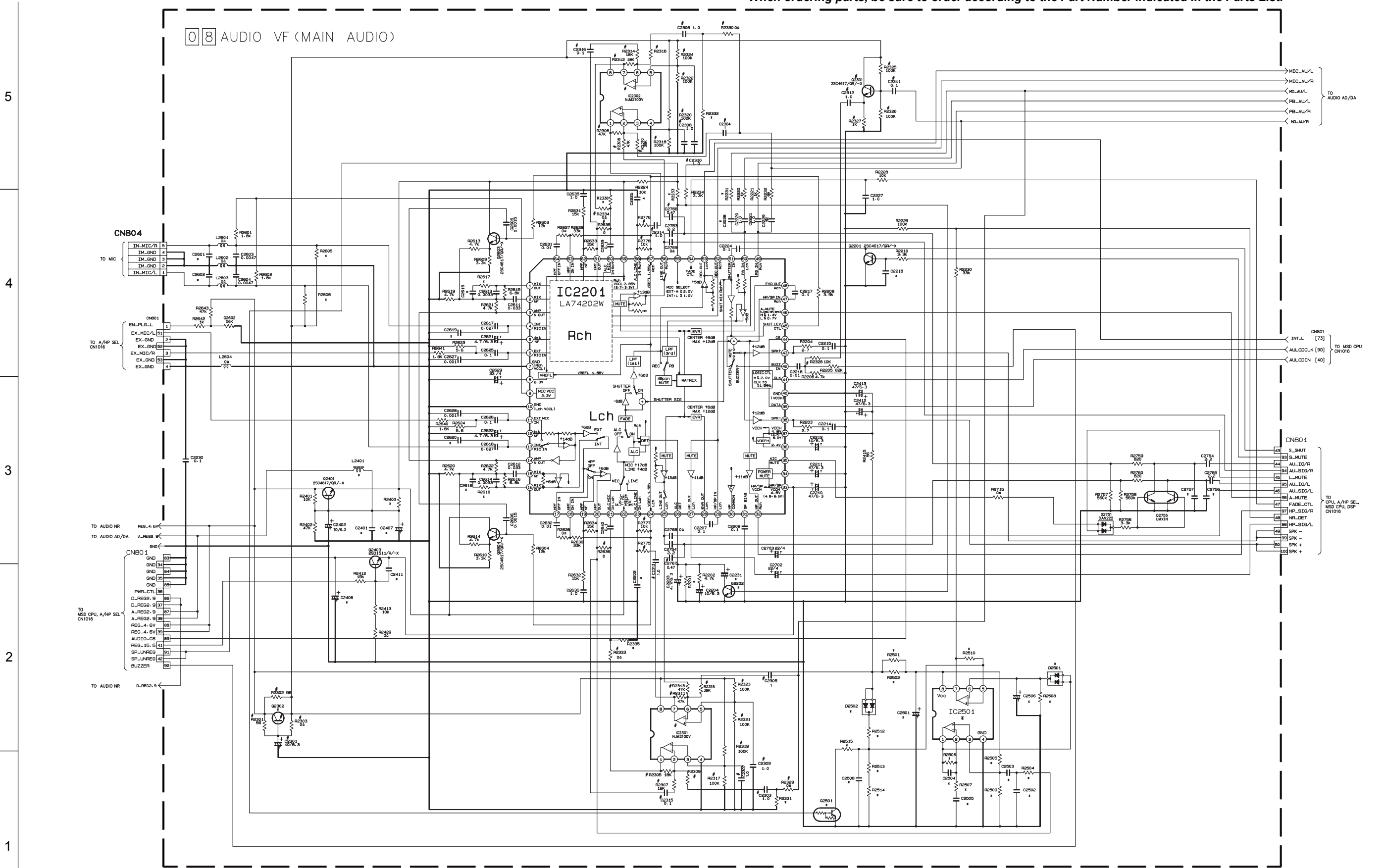
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4.27 MAIN AUDIO SCHEMATIC DIAGRAM

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.

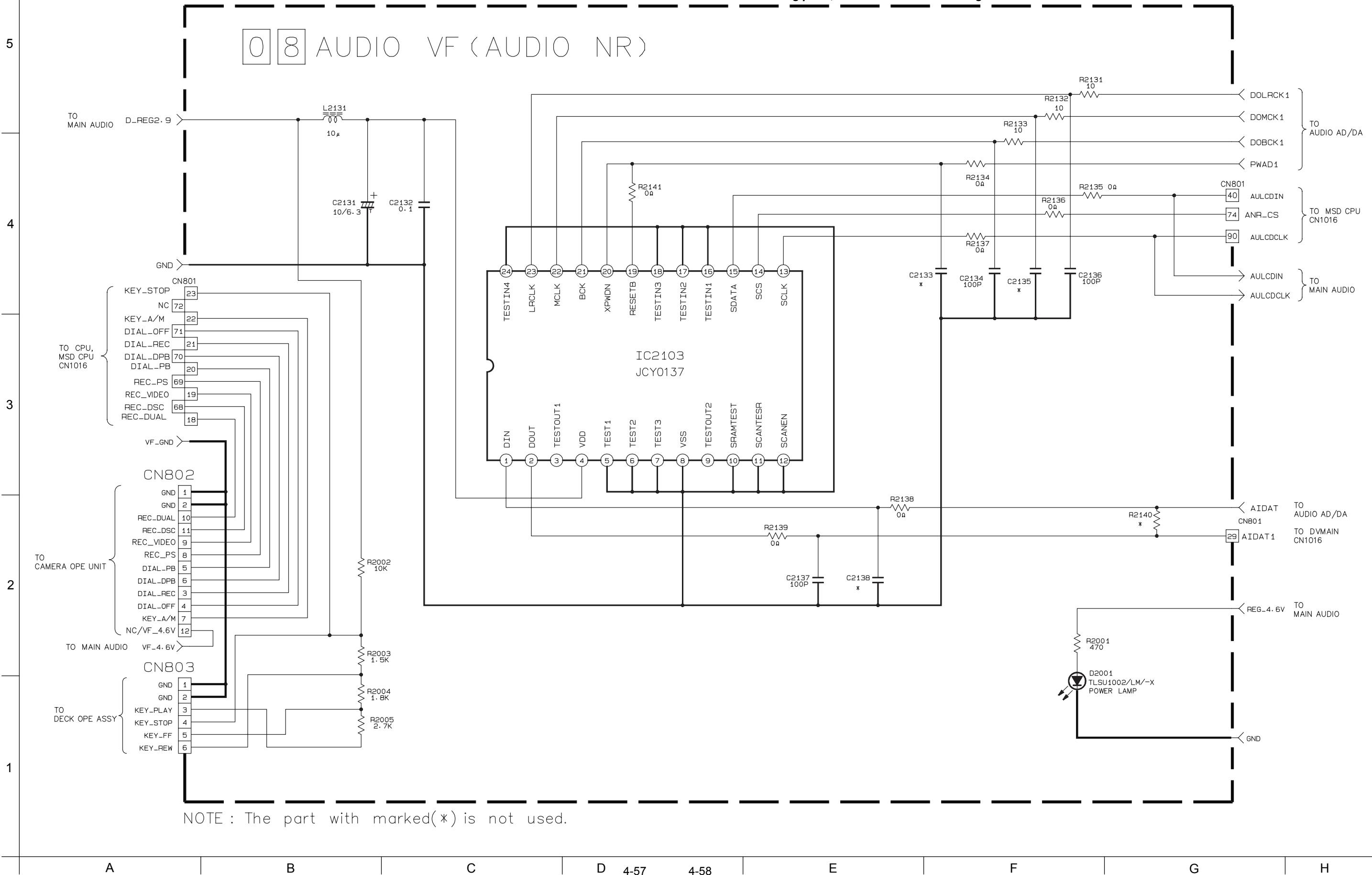


NOTES: 1. The part with marked (*) is not used.
 2. COMPARISON CHART OF MODELS & MARKS (#).

REF. NO	IC2301	Q2301	R2301-R2303	R2306-R2307	R2308	R2309	R2310	R2311	R2312	R2313	R2314	R2315	R2316	R2317-R2330	R2333, R2334	R2635	R2775	R2776	R2777	C2301	C2304	C2306	C2766
GR-DVX8	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	USED	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
GR-DVX9	USED	USED	USED	USED	OPEN	180K	USED	USED	OPEN	USED	180K	USED	OPEN	OPEN	OPEN	22K	USED	USED	USED	USED	USED	OPEN	OPEN
GR-DVX10	USED	USED	USED	USED	220K	OPEN	USED	USED	USED	OPEN	OPEN	220K	USED	OPEN	OPEN	47K	USED	USED	OPEN	OPEN	USED	USED	OPEN

4.28 AUDIO 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.



4.29 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.

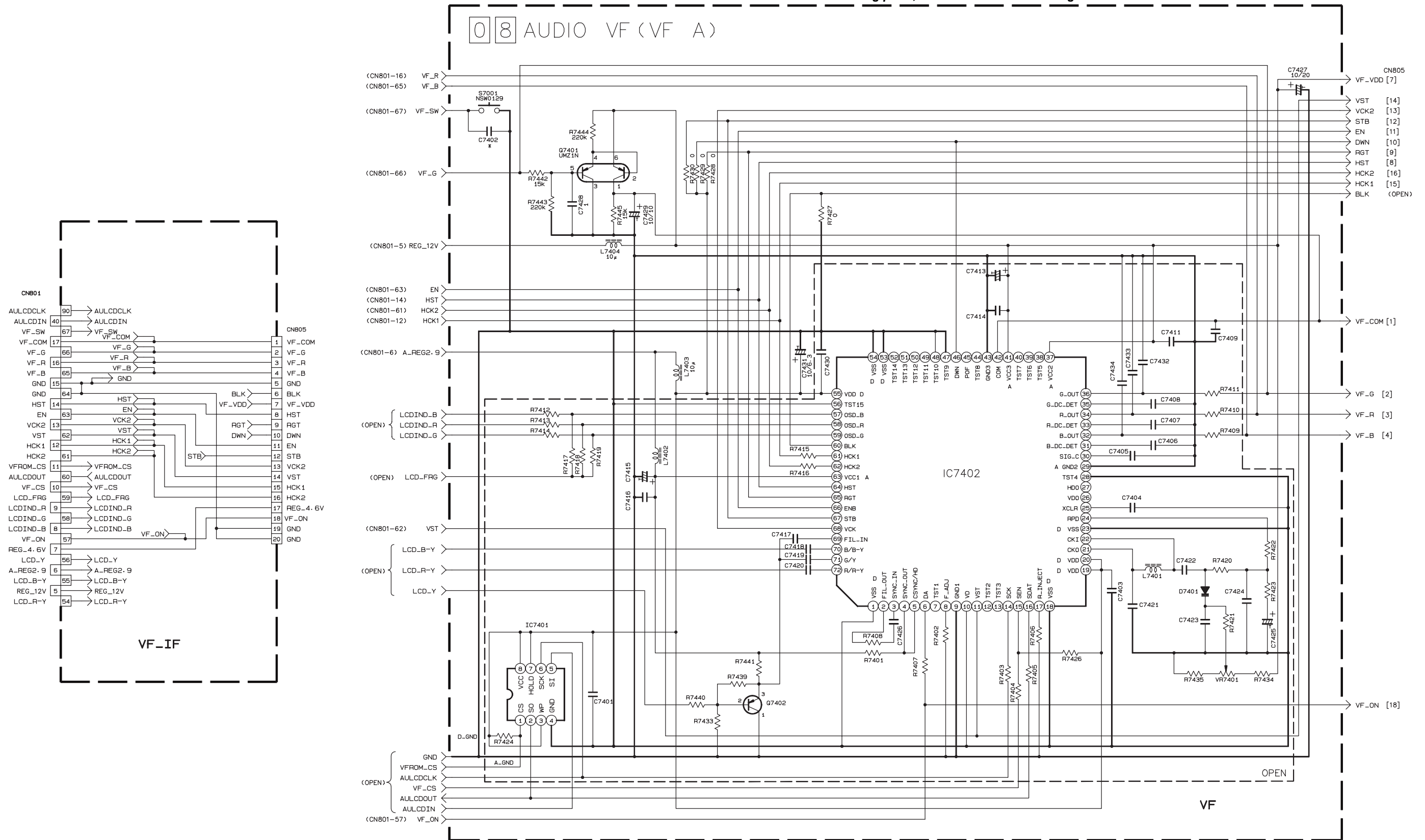
5

4

3

2

1



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

A

B

C

D

4-59

4-60

E

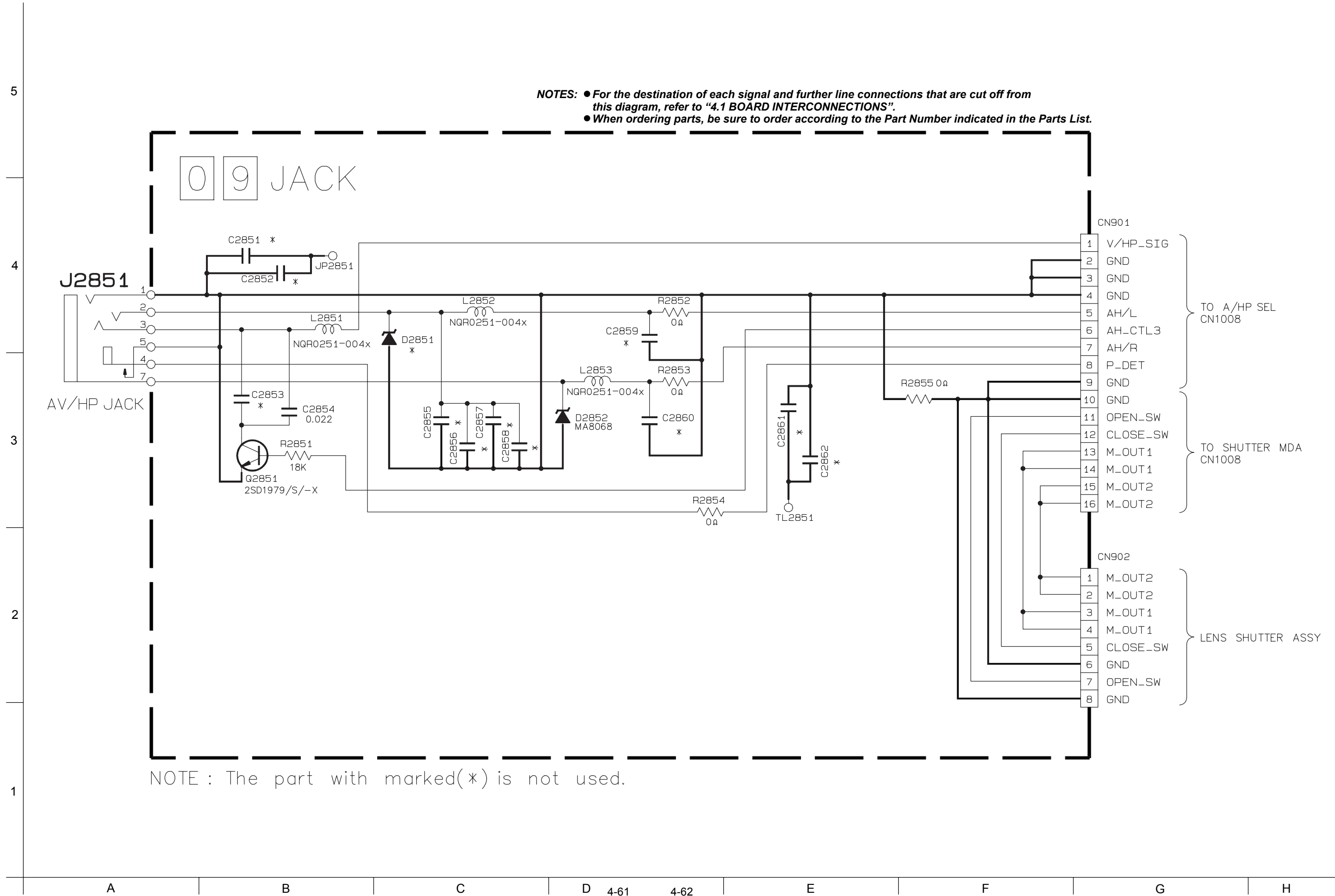
F

G

H

4.30 JACK SCHEMATIC DIAGRAM

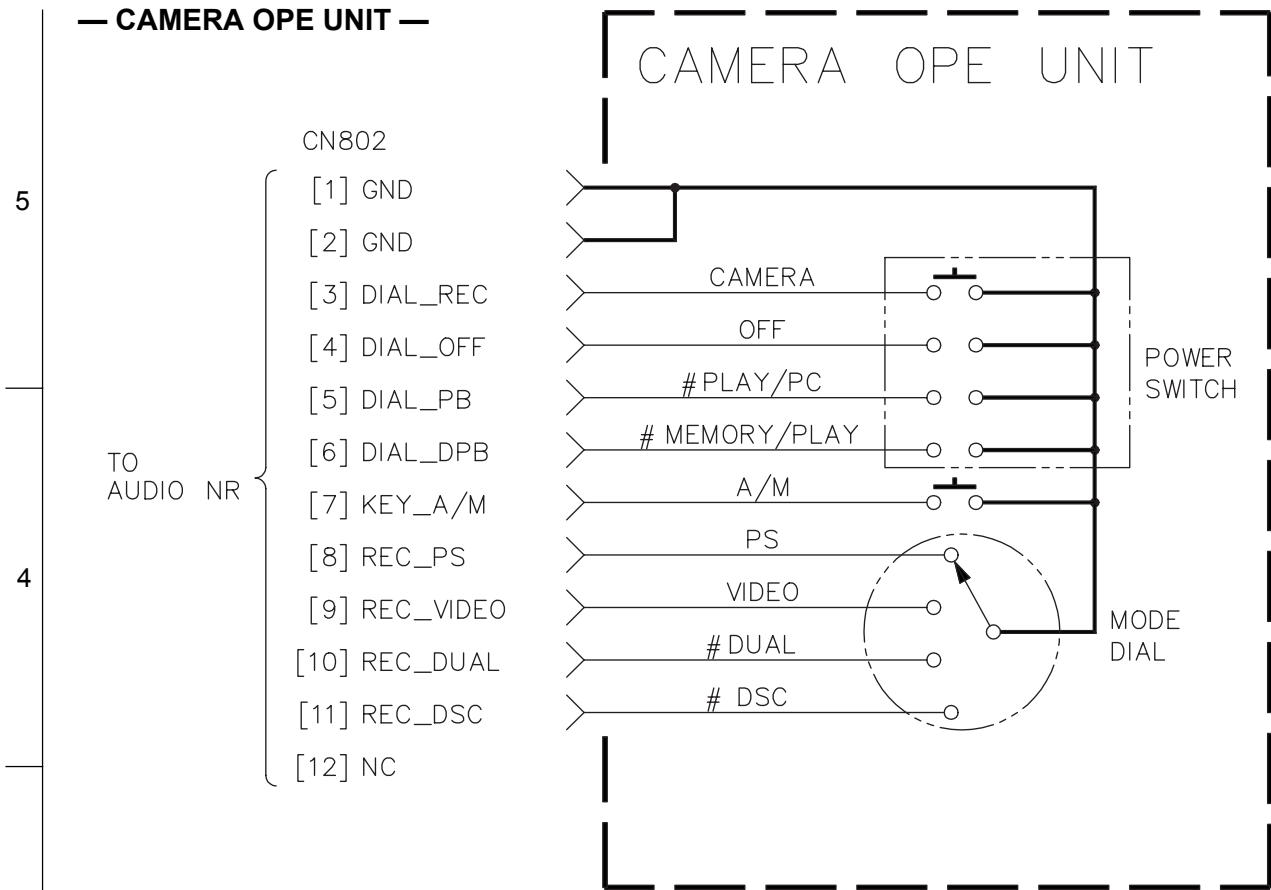
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

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

— CAMERA OPE UNIT —

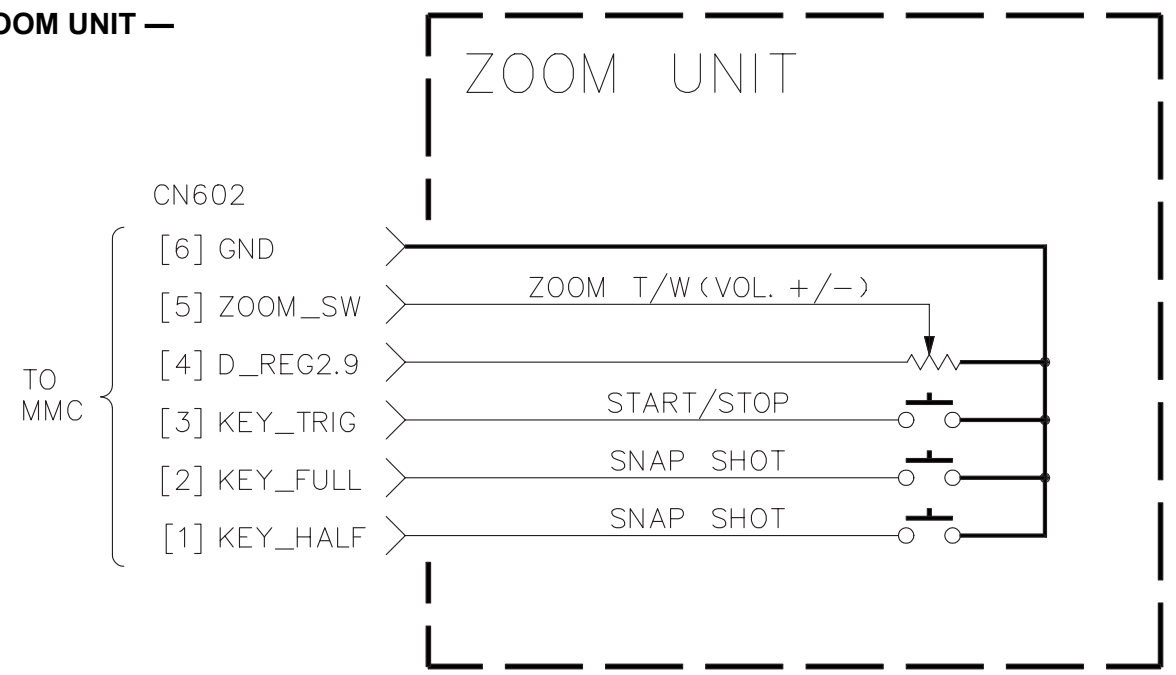


NOTE : COMPARISON CHART OF MODELS & MARKS(#).

FUNCTION	PLAY/PC	MEMORY/PLAY	DUAL	DSC
MODELS				
GR-DVX8	PLAY	OPEN	OPEN	OPEN
GR-DVX9/DVX10	PLAY/PC	USED	USED	USED

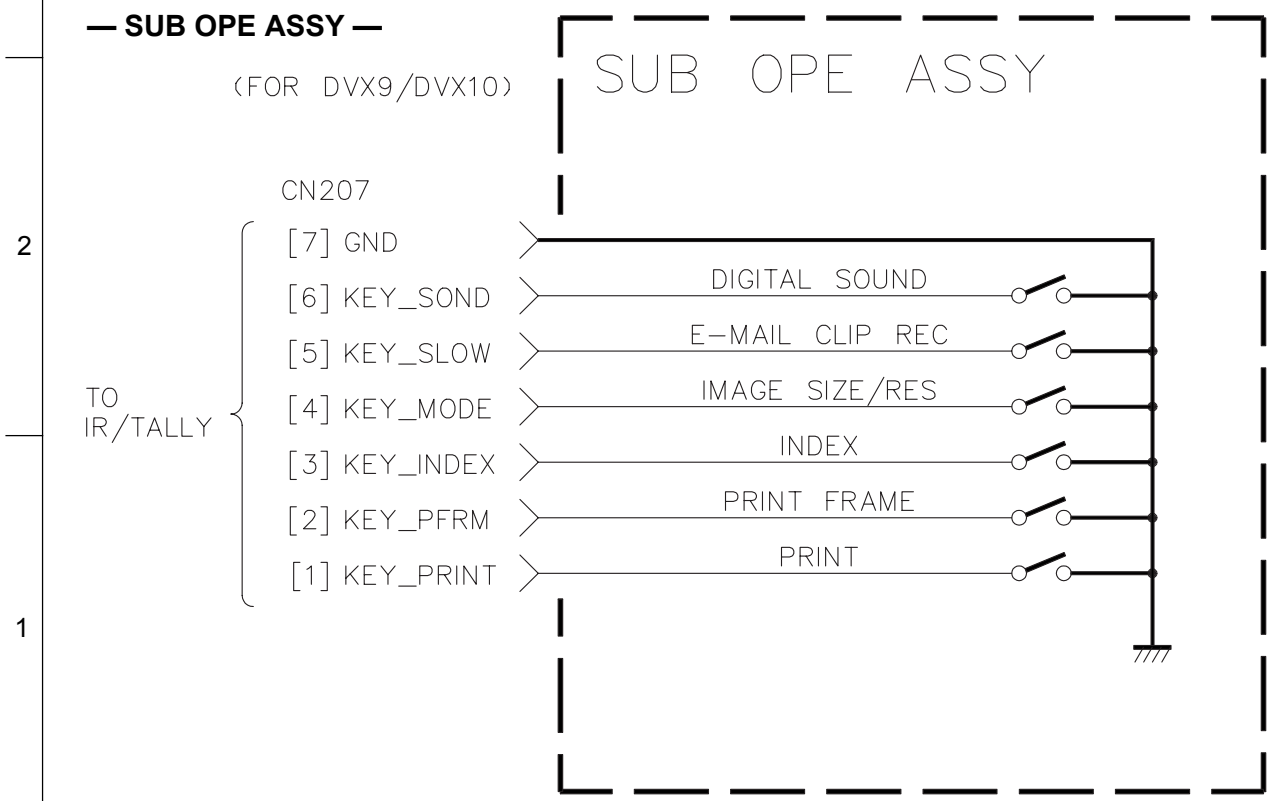
NOTES: ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".
● The schematic diagram is only for reference. Avoid replacing individual parts. Replace the entire unit only.

— ZOOM UNIT —

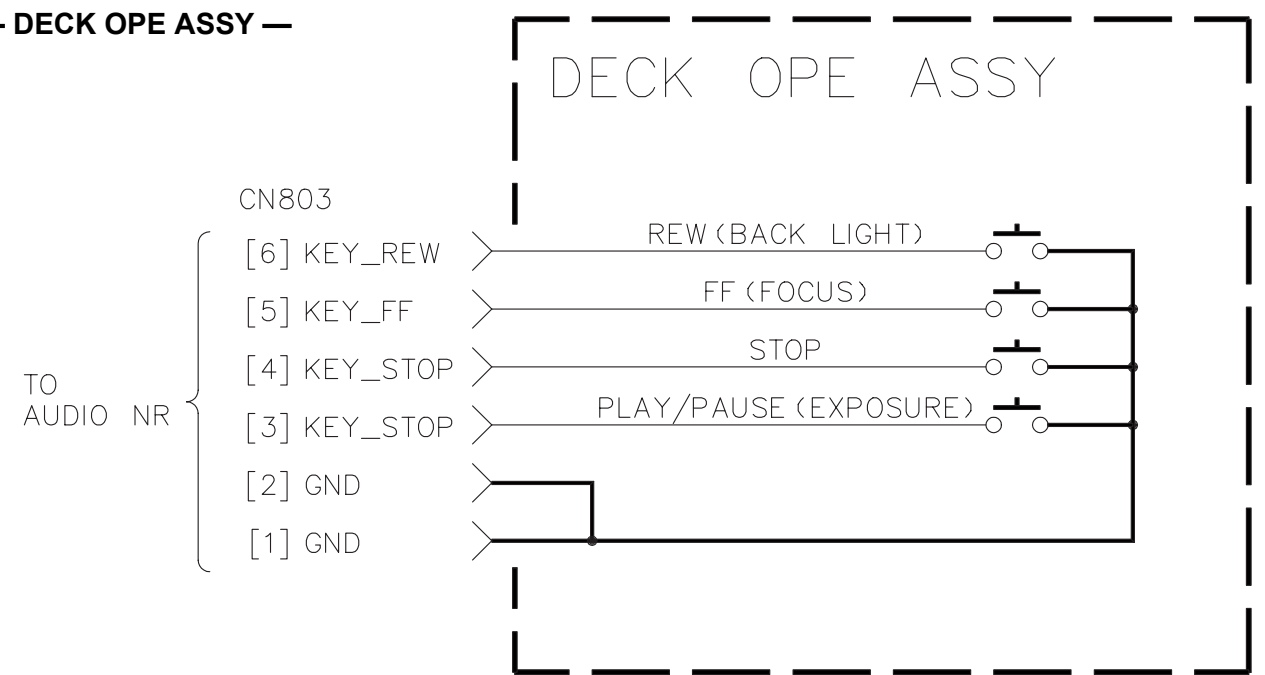


— SUB OPE ASSY —

(FOR DVX9/DVX10)



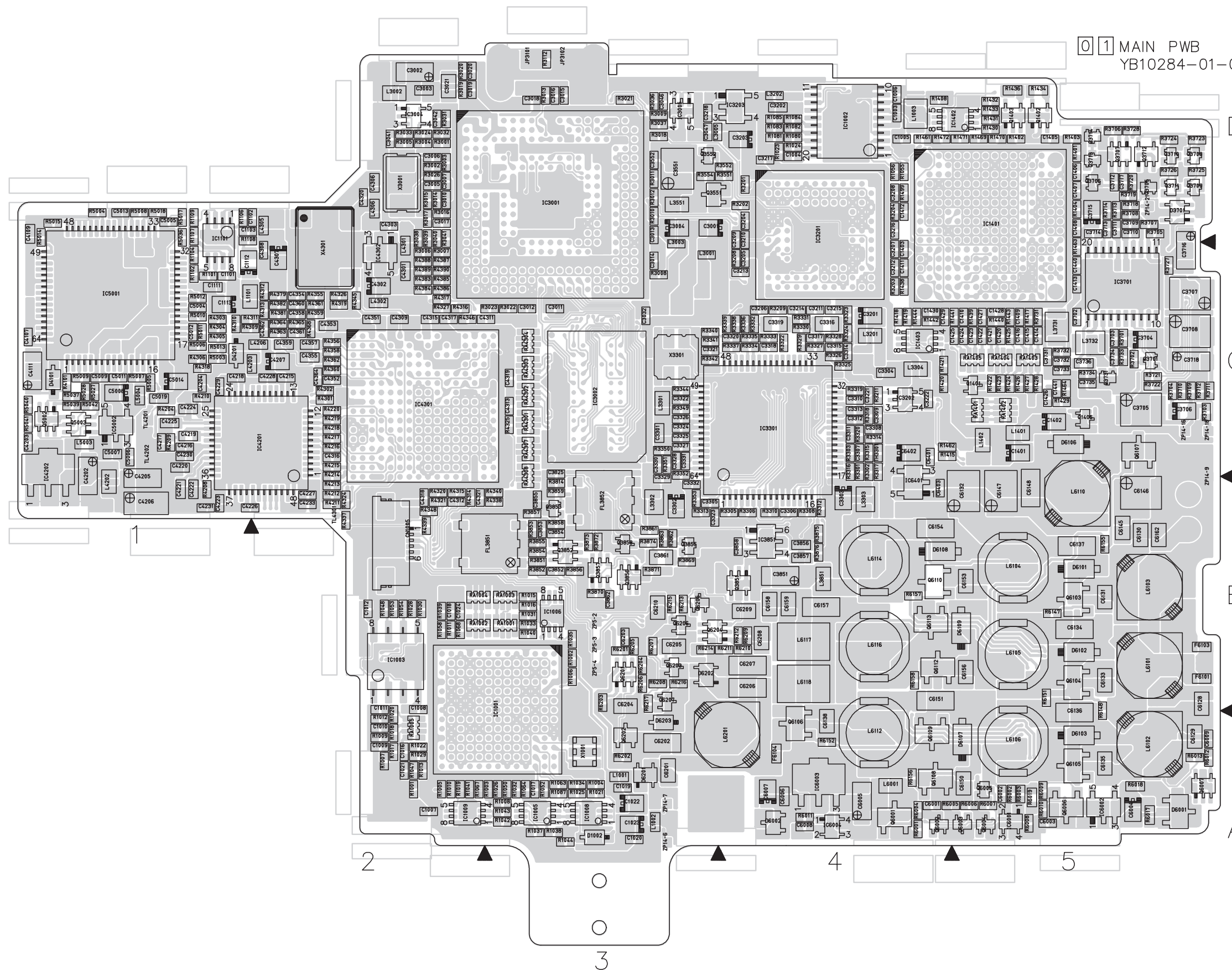
— DECK OPE ASSY —



4.32 MAIN CURCUIT BOARD

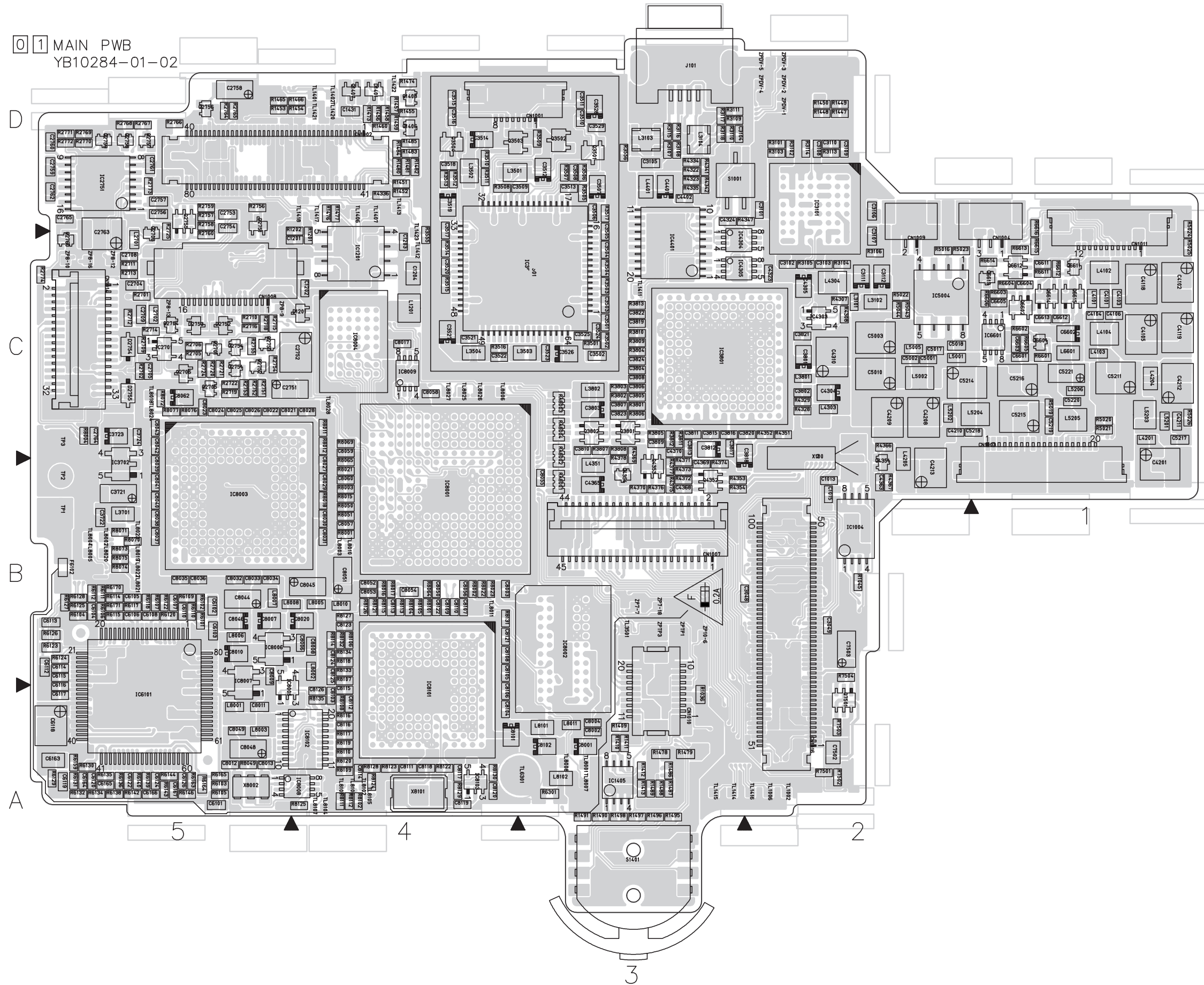
FOIL SIDE (B)

01 MAIN PWB
YB10284-01-02



COMPONENT SIDE (A)

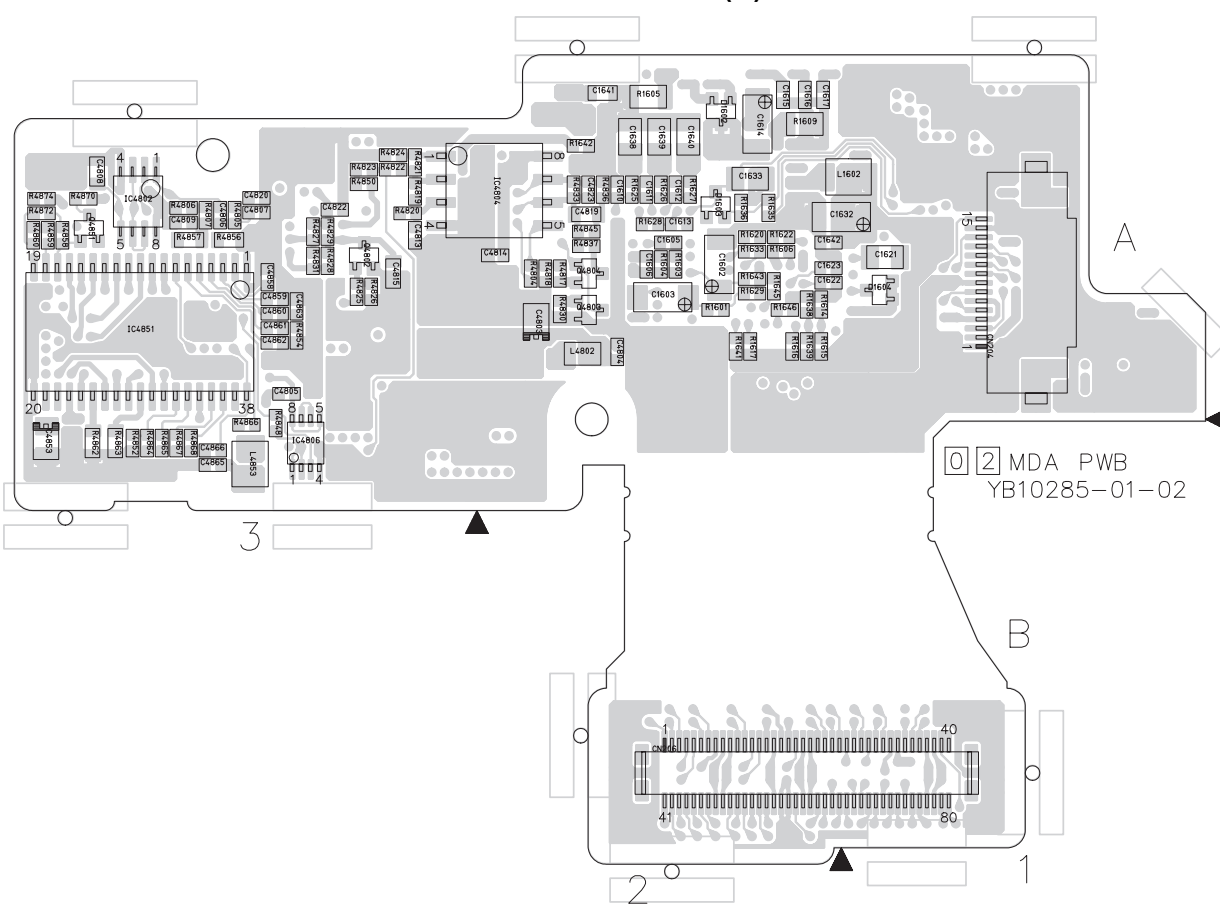
1 MAIN PWB
YB10284-01-02



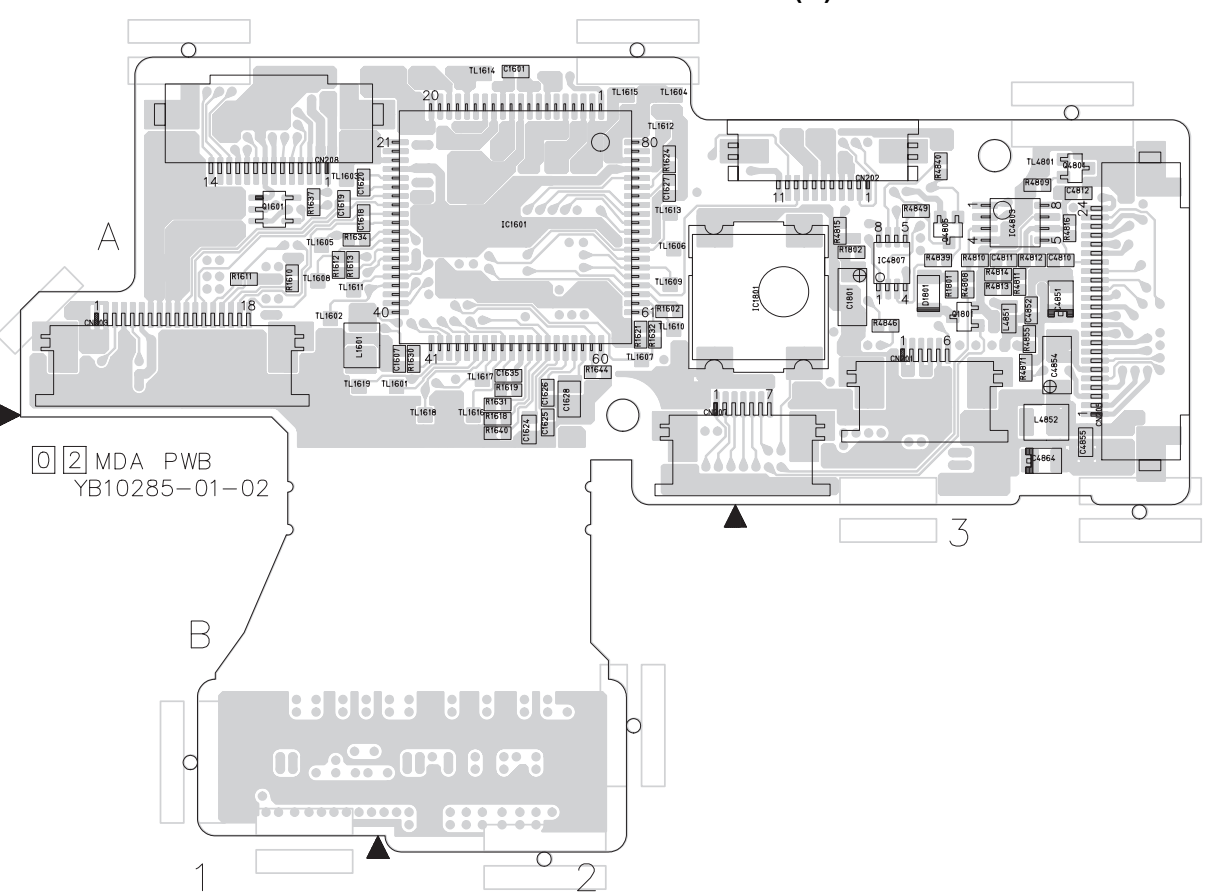
4.33 MDA AND CCD CIRCUIT BOARDS

— MDA —

FOIL SIDE (B)



COMPONENT SIDE (A)

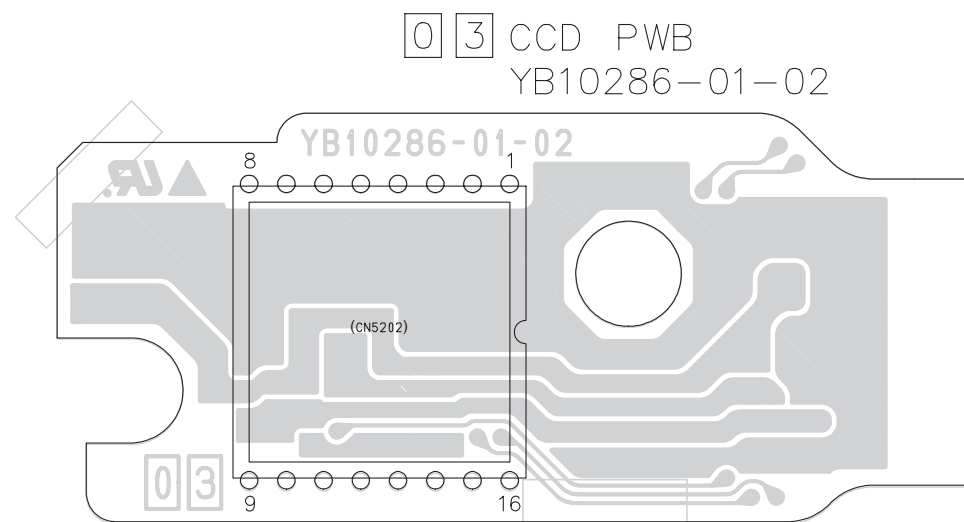


COMPONENT PARTS LOCATION GUIDE (MDA)

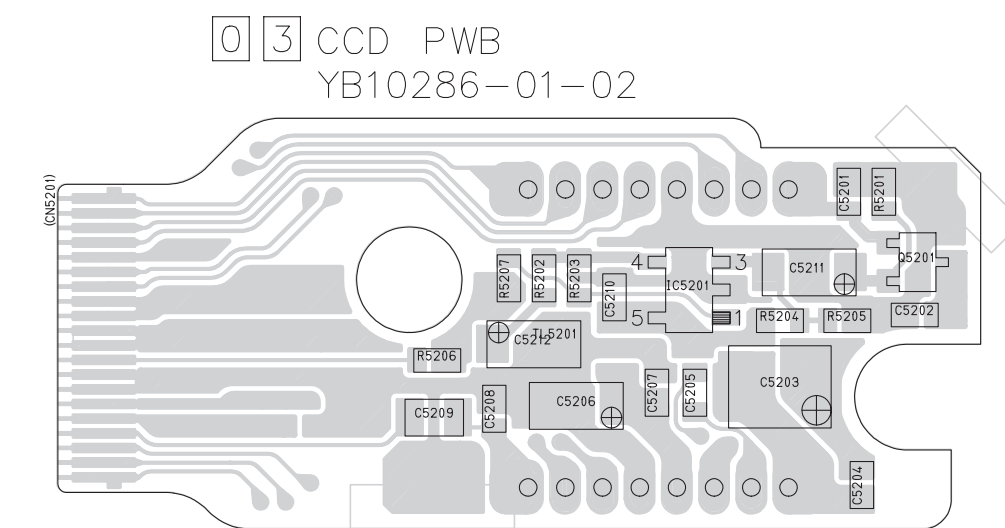
REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION	REF.No.	LOCATION
CAPACITOR													
C1601	A C 2A	C1633	B C 2A	C4853	B C 3B	D1801	A C 3A	Q4805	A C 3A	R1627	B C 2A	R4809	A C 3A
C1602	B C 2A	C1635	A C 2B	C4854	A C 3A	IC		Q4851	B C 3A	R1628	B C 2A	R4810	A C 3A
C1603	B C 2A	C1638	B C 2A	C4855	A C 3B	RESISTOR							
C1605	B C 2A	C1639	B C 2A	C4858	B C 3A	IC1601	A C 2A	R1601	B C 2A	R1631	A C 2A	R4812	A C 3A
C1606	B C 2A	C1640	B C 2A	C4859	B C 3A	IC1801	A C 3A	R1602	A C 2A	R1603	B C 2A	R4813	A C 3A
C1607	A C 2A	C1641	B C 2A	C4860	B C 3A	IC4802	B C 3A	R1604	A C 2A	R1605	B C 2A	R4814	A C 3A
C1610	B C 2A	C1642	B C 2A	C4861	B C 3A	IC4803	A C 3A	R1606	B C 2A	R1607	B C 2A	R4815	A C 3A
C1611	B C 2A	C1801	A C 3A	C4862	B C 3A	IC4804	B C 2A	R1608	B C 2A	R1609	A C 1A	R4816	A C 3A
C1612	B C 2A	C4803	B C 2A	C4863	B C 3A	IC4806	B C 3B	R1610	A C 1A	R1611	A C 1A	R4817	B C 2A
C1613	B C 2A	C4804	B C 2A	C4864	A C 3B	IC4807	A C 3A	R1612	A C 1A	R1613	B C 2A	R4818	B C 2A
C1614	B C 2A	C4805	B C 2A	C4865	B C 3B	IC4851	B C 3A	R1614	A C 1A	R1615	A C 1A	R4819	B C 3A
C1615	B C 2A	C4806	B C 3A	C4866	B C 3B	COIL		R1616	B C 2A	R1617	B C 2A	R4820	B C 3A
C1616	B C 2A	C4807	B C 3A	CONNECTOR		L1601	A C 1A	R1618	A C 2B	R1619	A C 2B	R4821	B C 3A
C1617	B C 2A	C4808	B C 3A	CN201	A C 3A	L1602	B C 1A	R1620	A C 2A	R1621	A C 2A	R4822	B C 3A
C1618	A C 1A	C4809	A C 3A	CN202	A C 3A	L4802	B C 2A	R1622	B C 2A	R1623	B C 2A	R4823	B C 3A
C1619	A C 1A	C4810	A C 3A	CN203	A C 1A	L4851	A C 3A	R1624	A C 2A	R1625	B C 2A	R4824	B C 3A
C1620	A C 1A	C4811	A C 3A	CN204	B C 1A	L4852	A C 3B	R1626	B C 2A	R4808	A C 3A	R4825	B C 3A
C1621	B C 1A	C4812	A C 3A	CN205	A C 3B	L4853	B C 3B						
C1622	B C 2A	C4813	B C 2A	CN206	A C 2B	TRANSISTOR							
C1623	B C 2A	C4814	B C 2A	CN207	A C 2B	Q1601	A C 1A	R1627	B C 2A	R1628	B C 2A	R4826	B C 3A
C1624	A C 2B	C4815	B C 3A	CN208	A C 1A	Q1801	A C 3A	R1629	B C 2A	R1630	A C 2A	R4827	B C 3A
C1625	A C 2B	C4820	B C 3A	DIODE		Q4801	A C 3A	R1631	A C 2A	R1632	A C 2A	R4828	B C 3A
C1626	A C 2B	C4822	B C 3A	D1602	B C 2A	Q4802	B C 3A	R1633	B C 2A	R1634	A C 1A	R4829	B C 3A
C1627	A C 2A	C4823	B C 2A	D1603	B C 2A	Q4803	B C 2A	R1635	B C 2A	R1636	B C 2A	R4830	B C 2A
C1628	A C 2B	C4851	A C 3A	D1604	B C 1A	Q4804	B C 2A	R1637	A C 1A	R1638	B C 2A	R4831	B C 3A
C1632	B C 2A	C4852	A 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 1A
												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

— CCD —

FOIL SIDE (B)



COMPONENT SIDE (A)

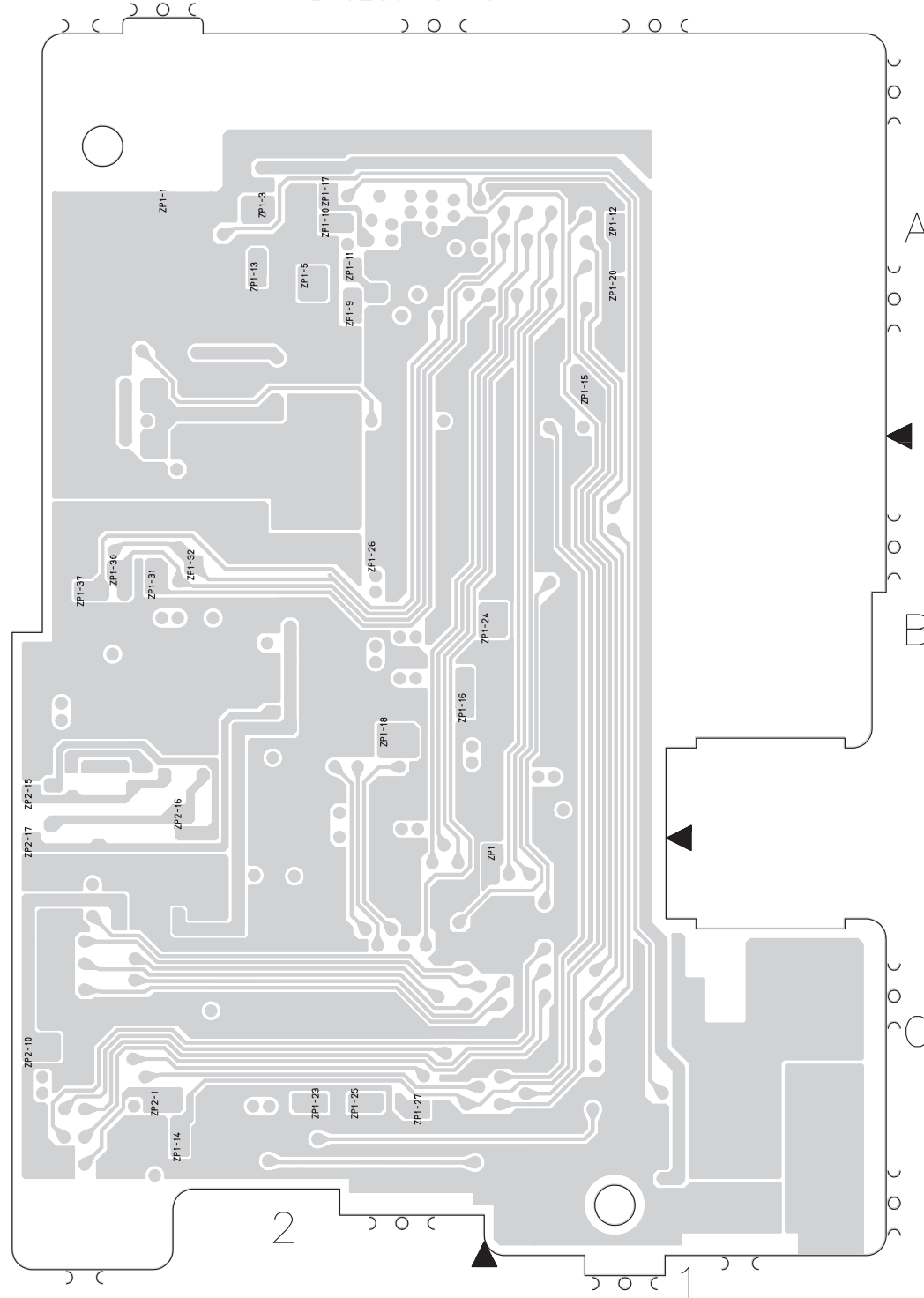


4.34 MONITOR AND PULL DOWN CIRCUIT BOARDS

— MONITOR —

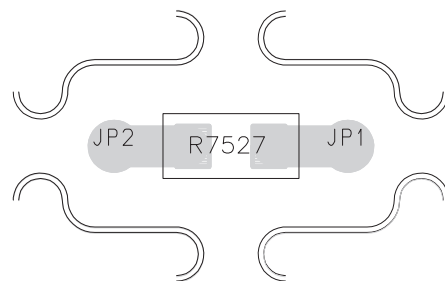
04 MONITOR PWB
YB10289-01-01

FOIL SIDE (B)



— PULL DOWN —

PULL DOWN PWB
YB20835



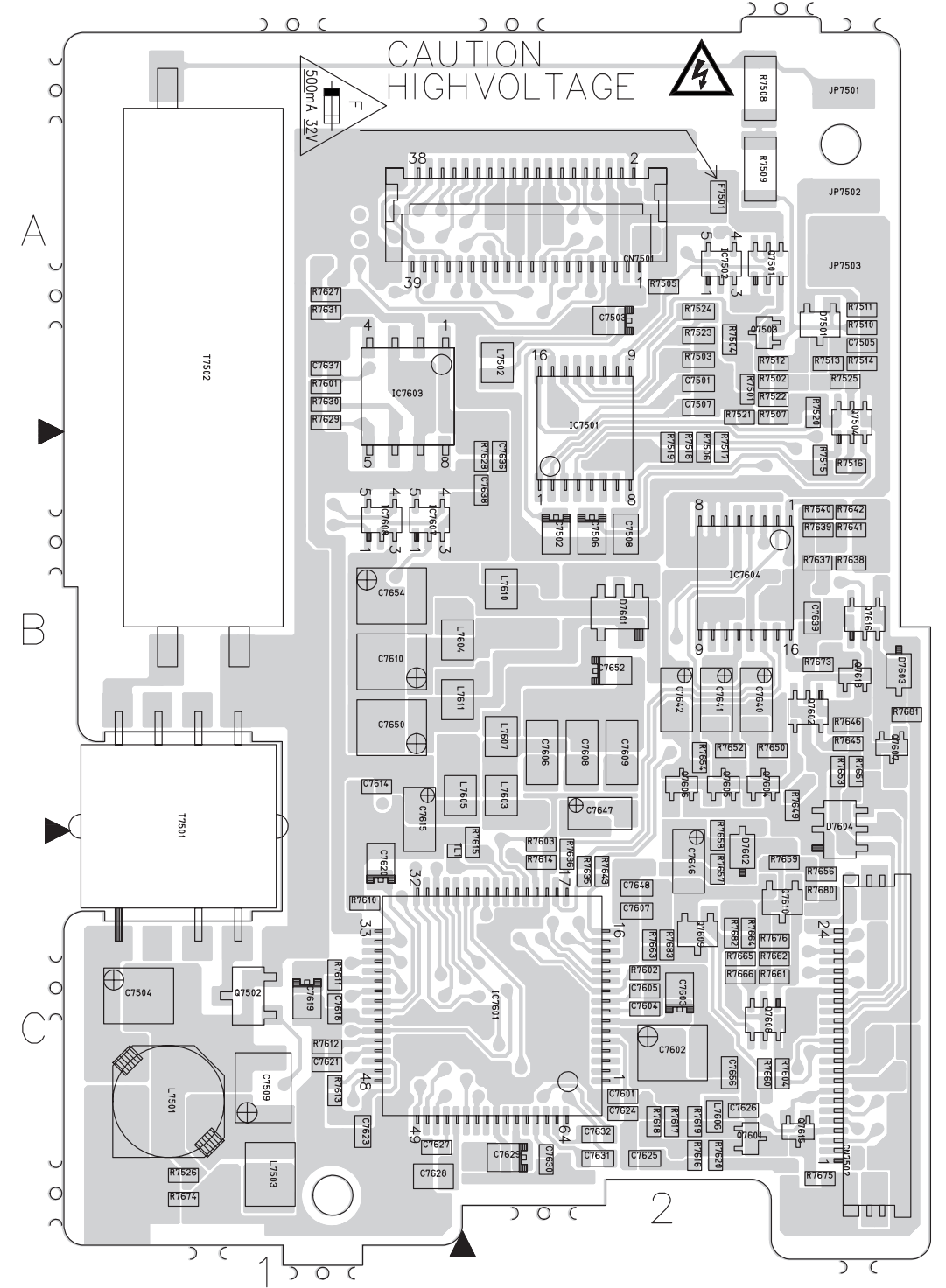
(FOR DVX8EG/DVX9EG/EK/DVX10EG)

COMPONENT PARTS LOCATION GUIDE (MONITOR)

REF.No.	LOCATION	REF.No.	LOCATION
CAPACITOR			
C7501	A C 2A	R7509	A C C 2A
C7502	A C C 2B	R7511	A C C C 2A
C7503	A C C 2A	R7512	A C C C 2A
C7504	A C C 1C	R7513	A C C C 2A
C7505	A C C 2A	R7515	A C C 2B
C7506	A C C 2B	R7516	A C C 2B
C7507	A C C 2A	R7517	A C C C 2C
C7508	A C C C 2B	R7518	A C C C 2B
C7509	A C C C 1C	R7519	A C C C 2B
C7601	A C C C 2C	R7520	A C C C 2A
C7602	A C C C 2C	R7521	A C C C 2A
C7603	A C C C 2C	R7522	A C C C 2A
C7604	A C C C 2C	R7523	A C C 2A
C7605	A C C C 2C	R7524	A C C C 2A
C7606	A C C 2B	R7525	A C C C 2A
C7607	A C C C 2C	R7526	A C C 1C
C7608	A C C C 2B	R7601	A C C C 1A
C7609	A C C C 2B	R7602	A C C C 2C
C7610	A C C C 1B	R7603	A C C C 2C
C7614	A C C C 1B	R7604	A C C C 2C
C7615	A C C C 1C	R7610	A C C 1C
C7618	A C C C 1C	R7611	A C C C 1C
C7619	A C C C 1C	R7612	A C C C 1C
C7620	A C C C 1C	R7613	A C C C 1C
C7621	A C C C 1C	R7614	A C C C 2C
C7623	A C C C 1C	R7615	A C C C 2C
C7624	A C C C 2C	R7616	A C C C 2C
C7625	A C C C 2C	R7617	A C C C 2C
C7626	A C C C 2C	R7618	A C C C 2C
C7627	A C C C 1C	R7619	A C C C 2C
C7628	A C C C 2C	R7620	A C C 1A
C7629	A C C C 2C	R7627	A C C C 2B
C7630	A C C C 2C	R7628	A C C C 2B
C7631	A C C C 2C	R7629	A C C C 2B
C7632	A C C C 2C	R7630	A C C 1A
C7636	A C C 2B	R7631	A C C 1A
C7637	A C C C 1A	R7635	A C C C 2C
C7638	A C C C 2B	R7636	A C C C 2C
C7639	A C C C 2B	R7637	A C C C 2B
C7640	A C C C 2B	R7638	A C C C 2B
C7641	A C C C 2B	R7639	A C C C 2B
C7642	A C C 2B	R7640	A C C C 2B
C7646	A C C C 2C	R7641	A C C C 2B
C7647	A C C C 2B	R7642	A C C C 2B
C7648	A C C C 2C	R7643	A C C C 2C
C7650	A C C 1B	R7645	A C C C 2B
C7652	A C C 2B	R7646	A C C C 2B
C7654	A C C 1B	R7649	A C C C 2B
C7656	A C C 2C	R7650	A C C C 2B
CONNECTOR			
CN7501	A C C 2A	R7651	A C C C 2B
CN7502	A C C 2C	R7652	A C C C 2B
DIODE			
D7501	A C C 2A	R7653	A C C 2B
D7601	A C C 2B	R7654	A C C C 2C
D7602	A C C 2C	R7656	A C C C 2C
D7603	A C C 2B	R7657	A C C C 2C
D7604	A C C 2C	R7658	A C C C 2C
FUSE			
F7501	A C C 2A	R7659	A C C C 2C
IC			
IC7501	A C C 2A	R7674	A C C 1C
IC7502	A C C 2B	R7675	A C C 2C
IC7601	A C C 2C	R7676	A C C 2C
IC7603	A C C 1A	R7680	A C C C 2C
IC7604	A C C 2B	R7681	A C C 2B
IC7607	A C C 1B	R7682	A C C 2C
IC7608	A C C 1B	R7683	A C C 2C
COIL			
L7501	A C C 1C	JP7501	A C C 2A
L7502	A C C 2A	JP7502	A C C 2A
L7503	A C C 1C	JP7503	A C C 1C
L7603	A C C 2B	T7501	A C C 1C
L7604	A C C 1B	T7502	A C C 1A
L7605	A C C 1B	TL1	A C C 1C
L7606	A C C 2C	ZP1	B C C C 1C
L7607	A C C 2B	ZP1-1	B C C C 2B
L7610	A C C 2B	ZP1-3	B C C C 2A
L7611	A C C 1B	ZP1-5	B C C C 2A
TRANSISTOR			
Q7501	A C C 2A	ZP1-10	B C C C 2C
Q7502	A C C 1C	ZP1-11	B C C C 2A
Q7503	A C C 2A	ZP1-12	B C C C 1A
Q7504	A C C 2B	ZP1-13	B C C C 2A
Q7601	A C C C 2C	ZP1-14	B C C C 2C
Q7602	A C C C 2B	ZP1-15	B C C C 1A
Q7604	A C C 2B	ZP1-16	B C C C 2B
Q7605	A C C 2B	ZP1-17	B C C C 2B
Q7606	A C C 2B	ZP1-18	B C C C 1A
Q7607	A C C 2B	ZP1-20	B C C C 1A
Q7608	A C C 2C	ZP1-23	B C C C 2C
Q7609	A C C 2C	ZP1-24	B C C C 1B
Q7610	A C C 2C	ZP1-25	B C C C 2C
Q7615	A C C 2C	ZP1-26	B C C C 2B
Q7616	A C C 2B	ZP1-27	B C C C 2C
Q7618	A C C 2B	ZP1-30	B C C C 2B
RESISTOR			
R7501	A C C 2A	ZP1-31	B C C C 2B
R7502	A C C 2A	ZP1-32	B C C C 2B
R7503	A C C 2A	ZP1-37	B C C C 2B
R7504	A C C 2A	ZP2-10	B C C C 2C
R7505	A C C 2A	ZP2-15	B C C C 2B
R7506	A C C 2B	ZP2-16	B C C C 2B
R7507	A C C 2A	ZP2-17	B C C C 2C
R7508	A C C 2A		B C C C 2C

04 MONITOR PWB
YB10289-01-01

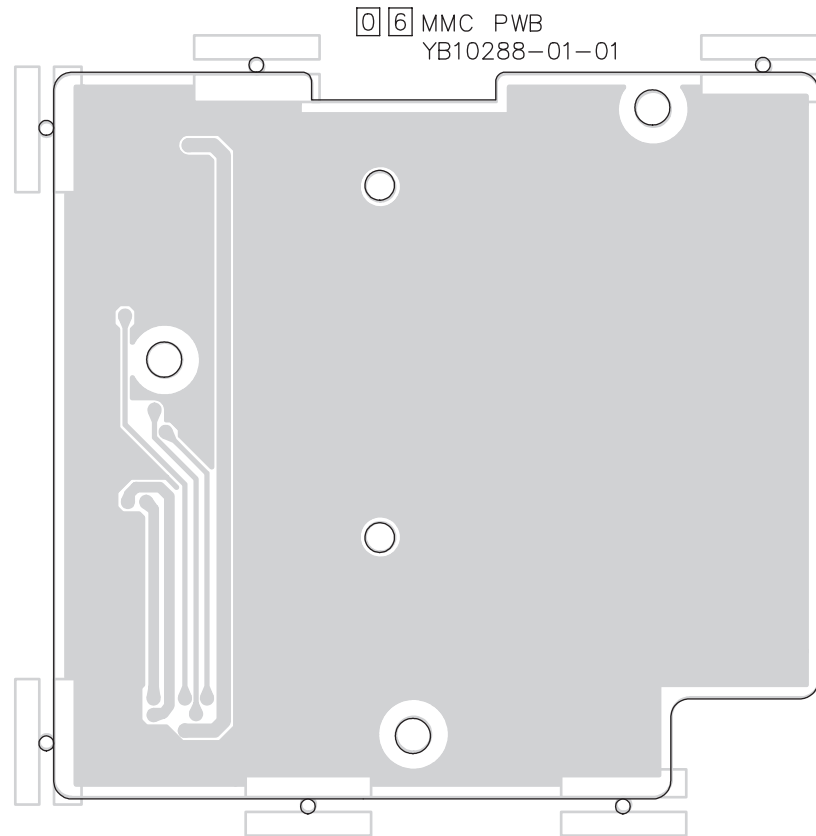
COMPONENT SIDE (A)



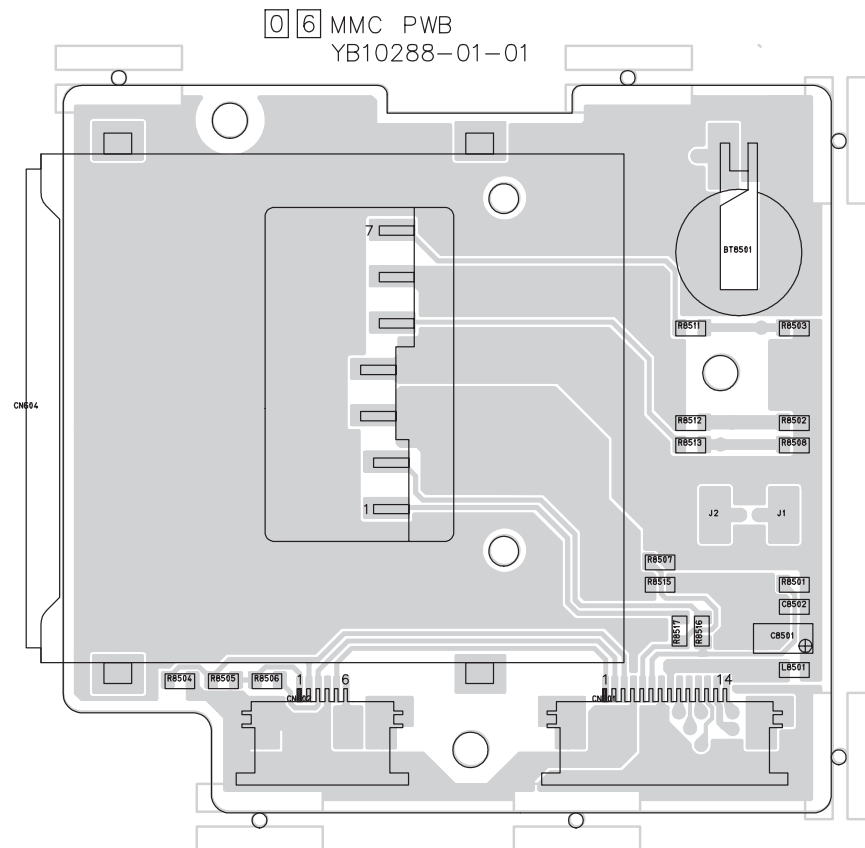
4.36 MMC AND STROBE CIRCUIT BOARDS

— MMC —

FOIL SIDE (B)

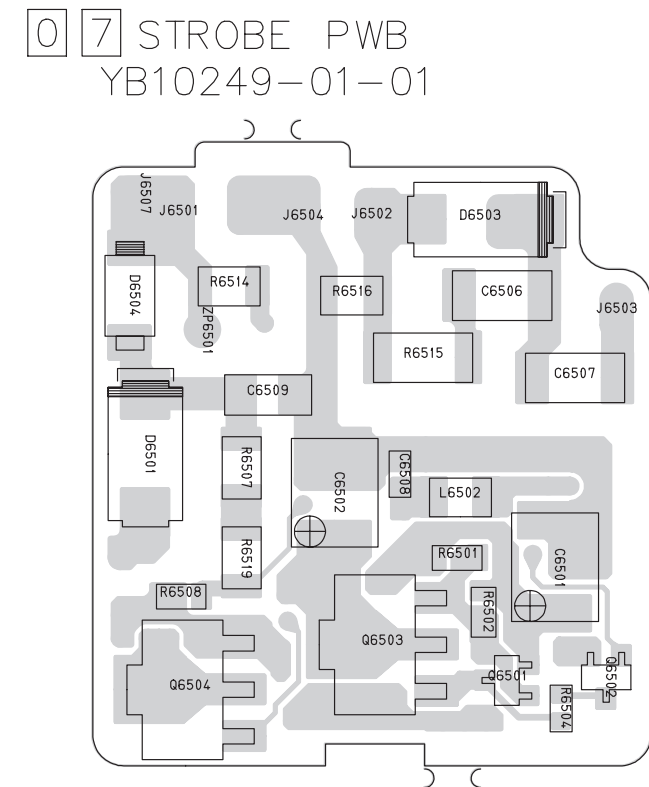


COMPONENT SIDE(A)

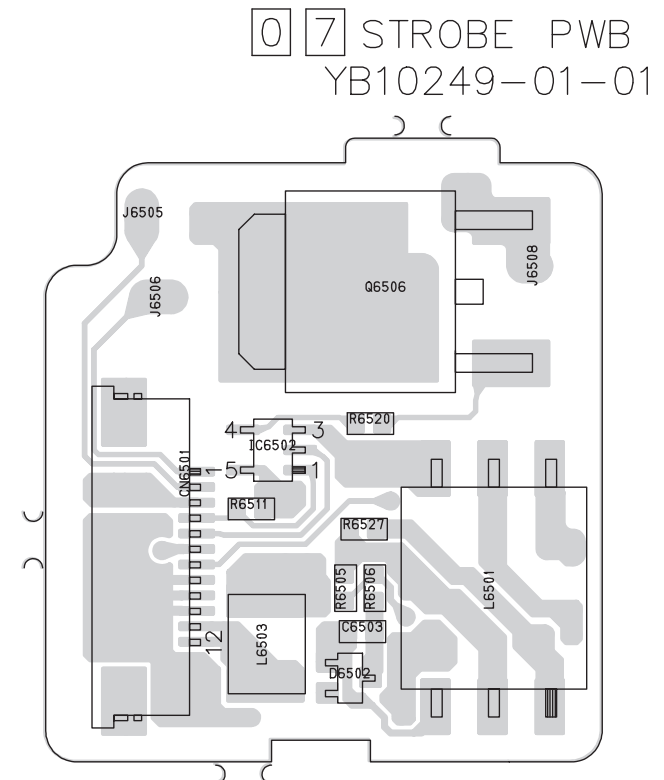


— STROBE —

FOIL SIDE (B)

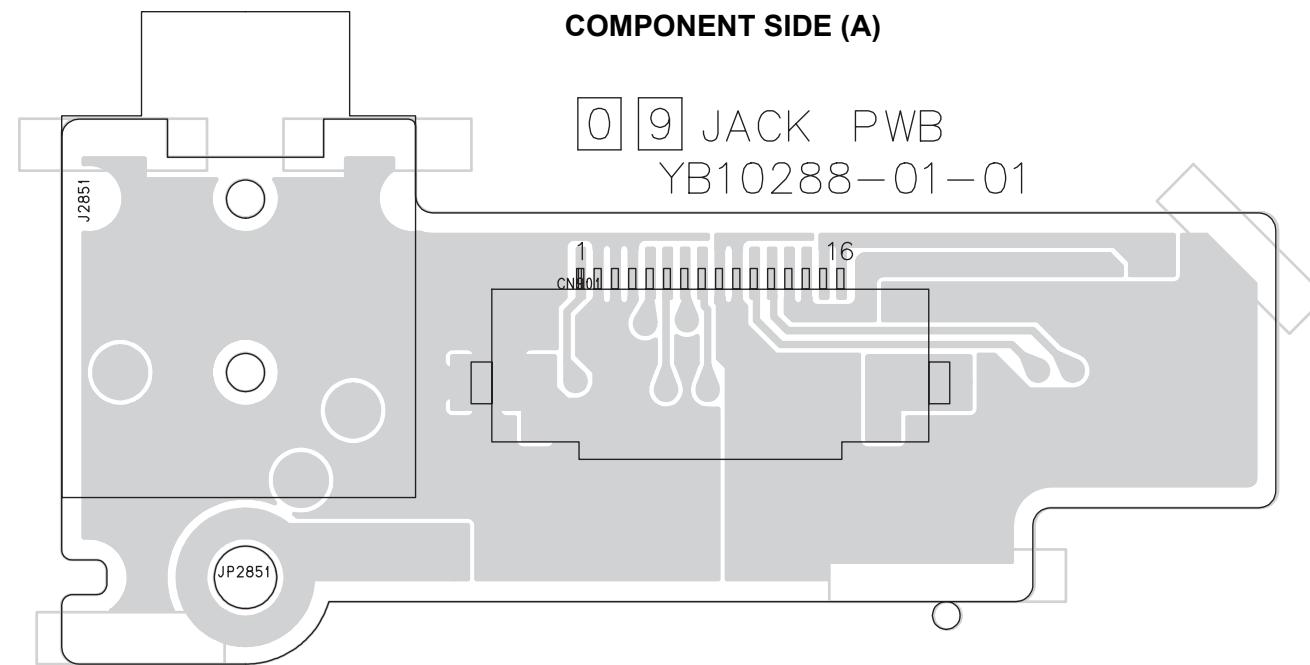
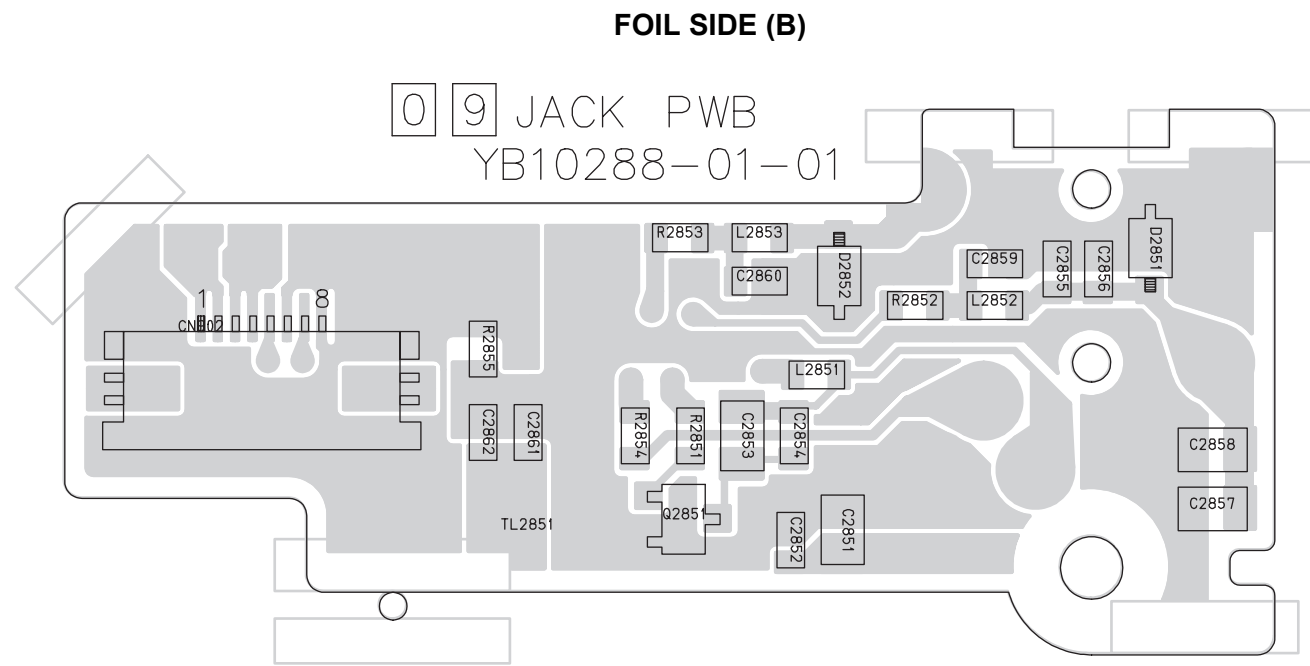


COMPONENT SIDE (A)

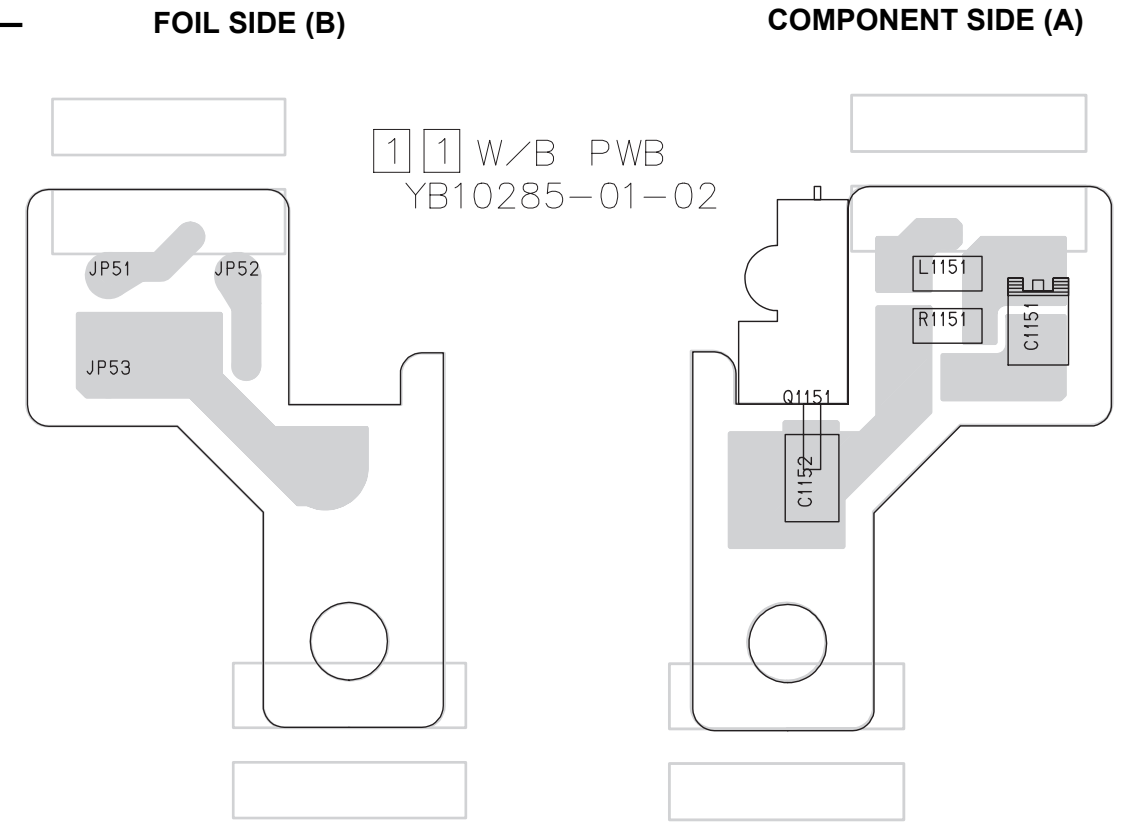


4.38 JACK, W/B AND EJECT CIRCUIT BOARDS

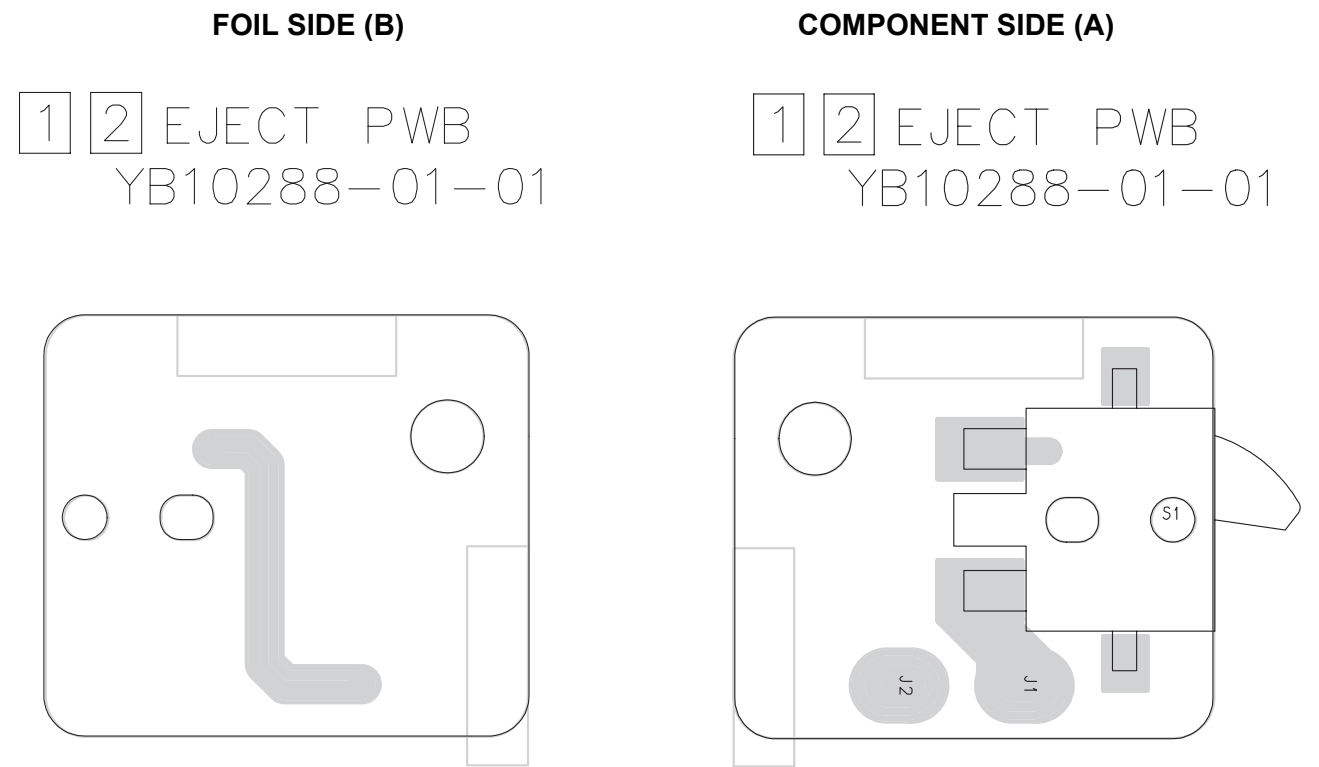
— JACK —



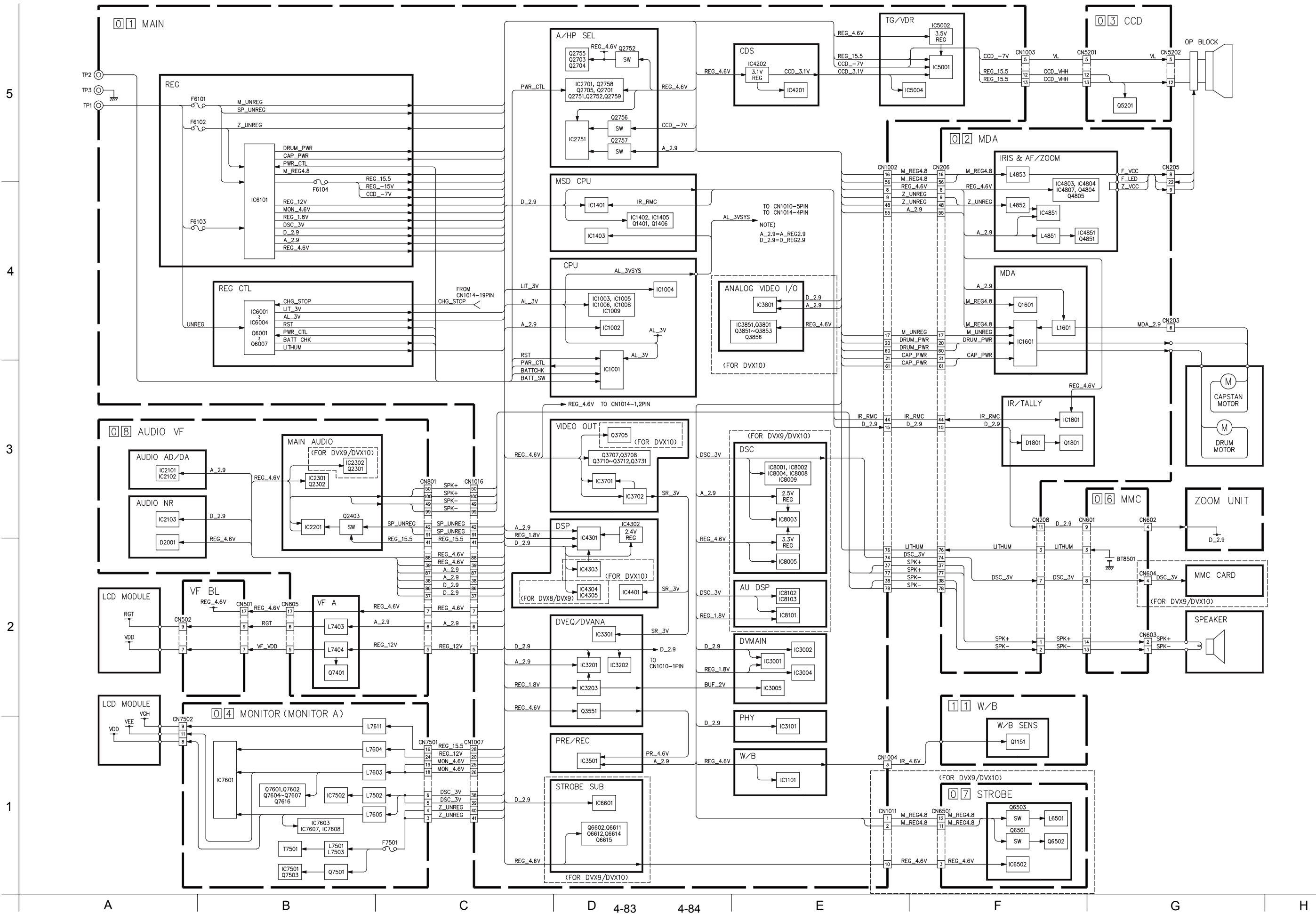
— W/B —



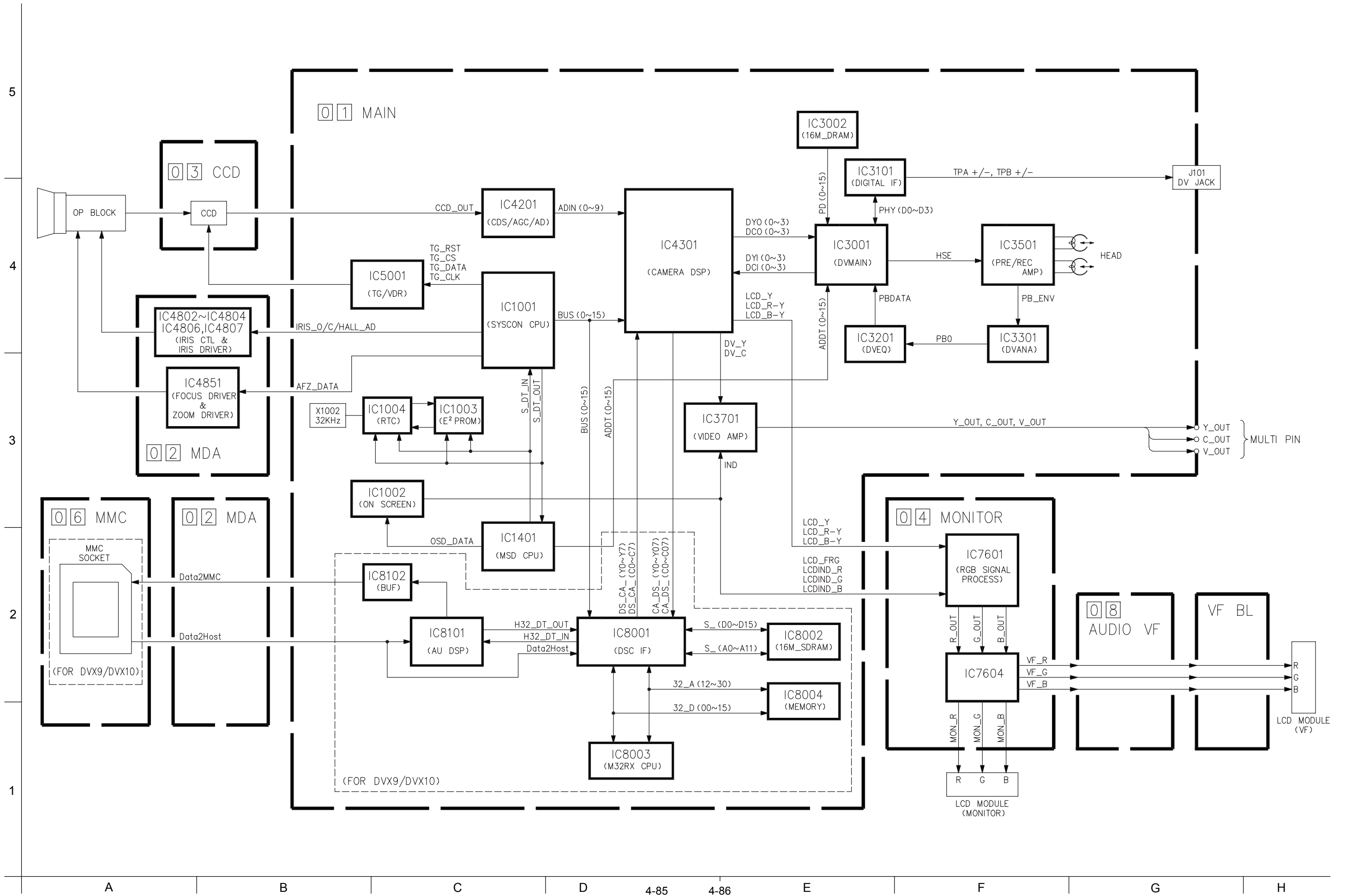
— EJECT —



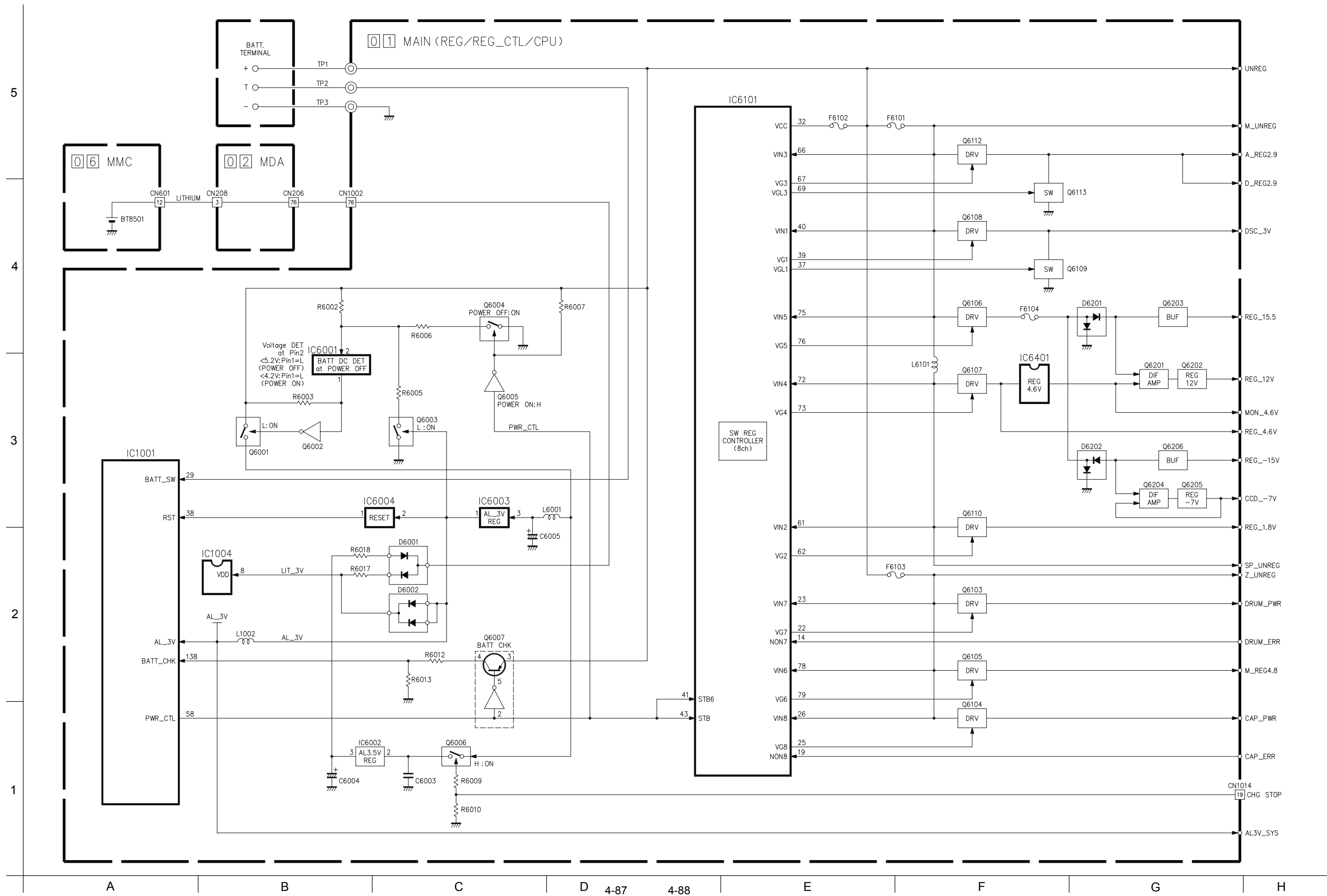
4.39 POWER SYSTEM BLOCK DIAGRAM



4.40 VIDEO SYSTEM BLOCK DIAGRAM



4.41 REGULATOR SYSTEM BLOCK DIAGRAM



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

4.42 VOLTAGE CHARTS

<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

MODE PIN NO.	REC	PLAY
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
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

MODE PIN NO.	REC	PLAY
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
Q3705		
E	-	-
C	-	-
B	-	-
Q3706		
E	-	-
C	-	-
B	-	-
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
Q3714		
E	-	-
C	-	-
B	-	-
Q3731		
E	1.7	1.6
C	0	0
B	1.1	1

<ANALOG VIDEO I/O>

MODE PIN NO.	REC	PLAY
IC3851		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
Q3801		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
Q3851		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
Q3852		
1	-	-
2	-	-
3	-	-
4	-	-

MODE PIN NO.	REC	PLAY
5	-	-
6	-	-
Q3853		
E	-	-
C	-	-
B	-	-
Q3855		
E	-	-
C	-	-
B	-	-
Q3856		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
Q3857		
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
Q3858		
E	-	-
C	-	-
B	-	-

<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

<TG/VDR>

MODE PIN NO.	REC	PLAY
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

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

MODE PIN NO.	REC	PLAY
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

MODE PIN NO.	REC	PLAY
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
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

<AUDIO AD/DA>

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

<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	1.5	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

<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

<AUDIO 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

<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