


# SECTION 4 CHARTS AND DIAGRAMS

## NOTES OF SCHEMATIC DIAGRAM

### Safety precautions

The Components identified by the symbol  are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.

### 1. Units of components on the schematic diagram

Unless otherwise specified.

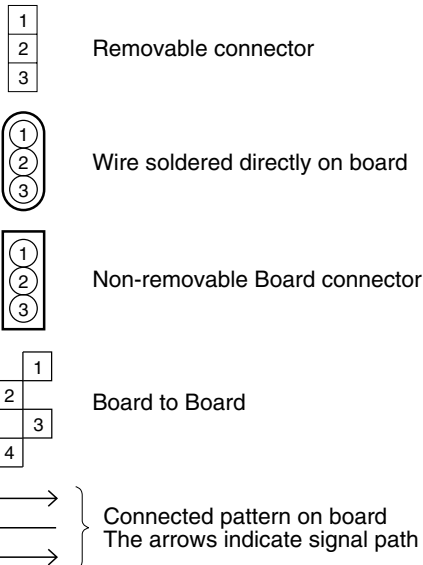
- 1) All resistance values are in ohm, 1/6 W, 1/8 W (refer to parts list).  
Chip resistors are 1/16 W.  
K: K $\Omega$  (1000 $\Omega$ ), M: M $\Omega$  (1000K $\Omega$ )
- 2) All capacitance values are in  $\mu$ F, (P: PF).
- 3) All inductance values are in  $\mu$ H, (m: mH).
- 4) All diodes are 1SS133,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

### 2. Indications of control voltage

AUX : Active at high

AUX or AUX(L) : Active at low

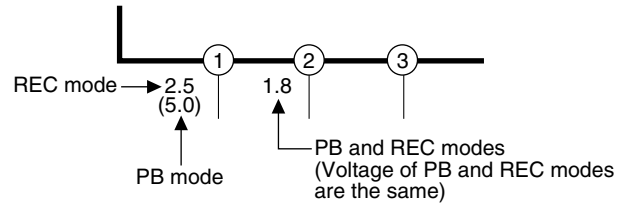
### 3. Interpreting Connector indications



### 4. Voltage measurement

- 1) Video circuits  
REC : Colour bar signal in SP mode, normal VHS mode  
PB : Alignment tape, colour bar SP mode, normal VHS mode  
— : Unmeasurable or unnecessary to measure
- 2) Audio circuits  
REC : 1KHz, -8 dBs sine wave signal in SP mode, Normal VHS mode  
PB : REC then playback it
- 3) Movie Camera circuits  
Measured using a correctly illuminated gray scale or colour bar test charts in the E-E mode

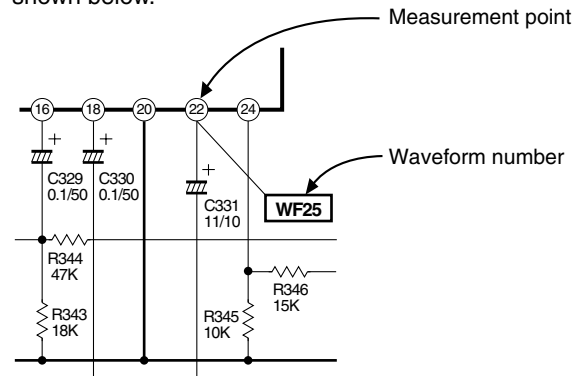
- 4) Indication on schematic diagram  
Voltage Indications for REC and PB mode on the schematic diagram are as shown below.



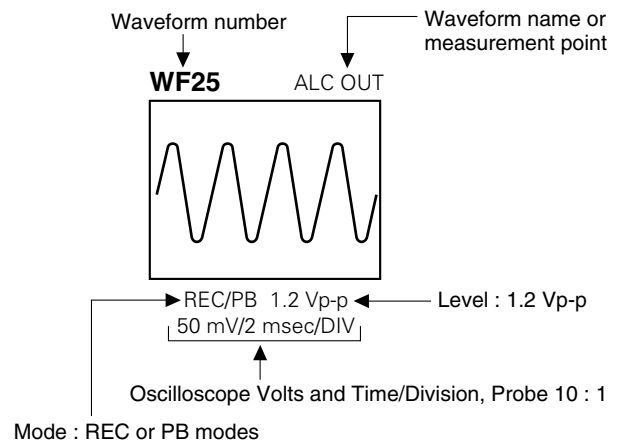
**Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.**

### 5. Waveform measurement

- 1) Video circuits  
REC : Colour bar signal in SP mode, normal VHS mode  
PB : Alignment tape, colour bar SP mode, normal VHS mode
- 2) Audio circuits  
REC : 1KHz, -8 dBs sine wave signal in SP mode, normal VHS mode  
PB : REC then playback it
- 3) Movie Camera circuits  
Measured using a correctly illuminated gray scale or colour bar test charts in the E-E mode
- 4) Indication on schematic diagram  
Waveform indications on the schematic diagram are as shown below.

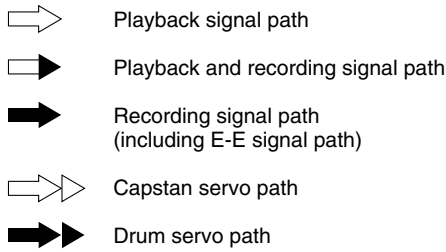


### 5) Waveform indications

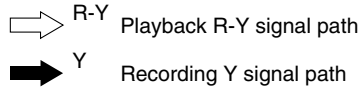


## 6. Signal path Symbols

The arrows indicate the signal path as follows.

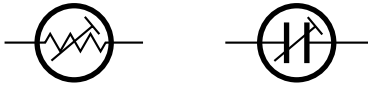


(Example)



## 7. Indication of the parts for adjustments

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



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

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



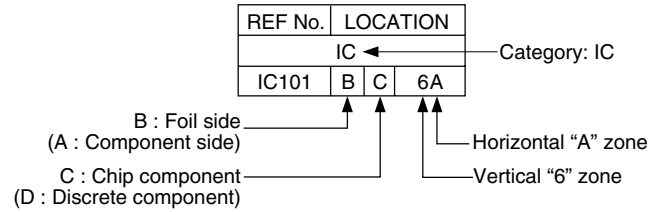
## CIRCUIT BOARD NOTES

### 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.

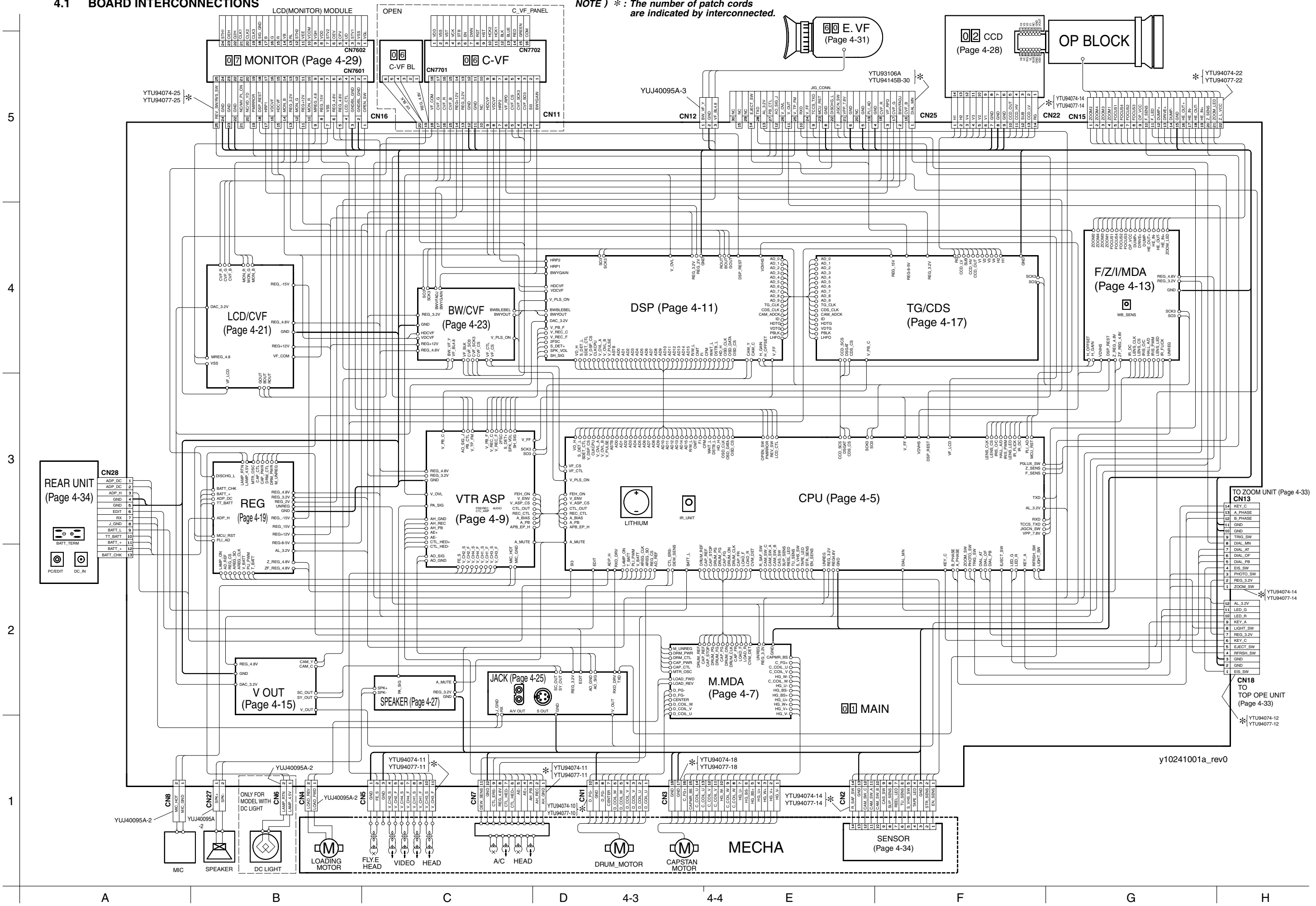


### Note:

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.



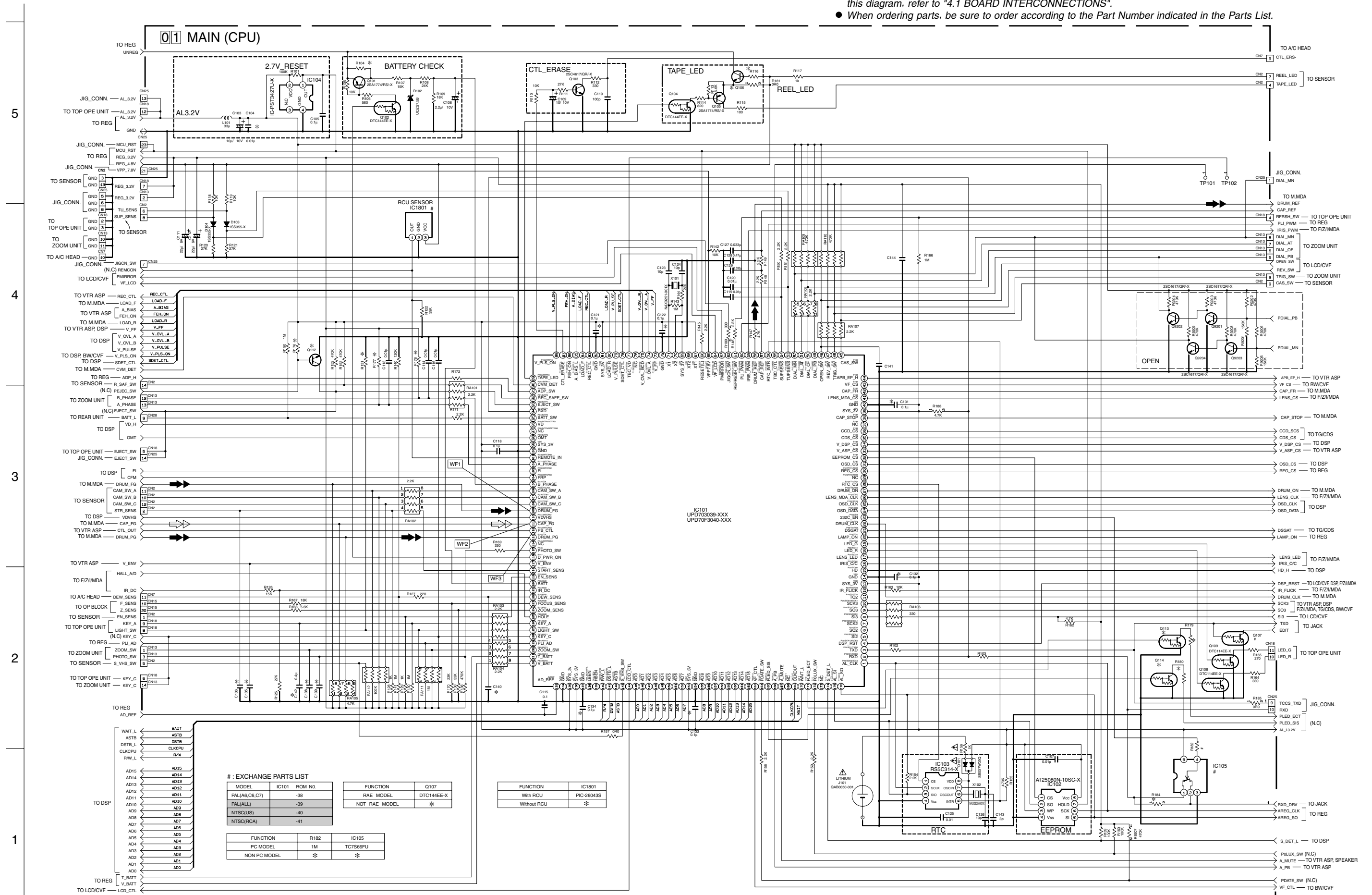
5  
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A B C D 4-3 4-4 E F G H

y10241001a\_rev0

## 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.

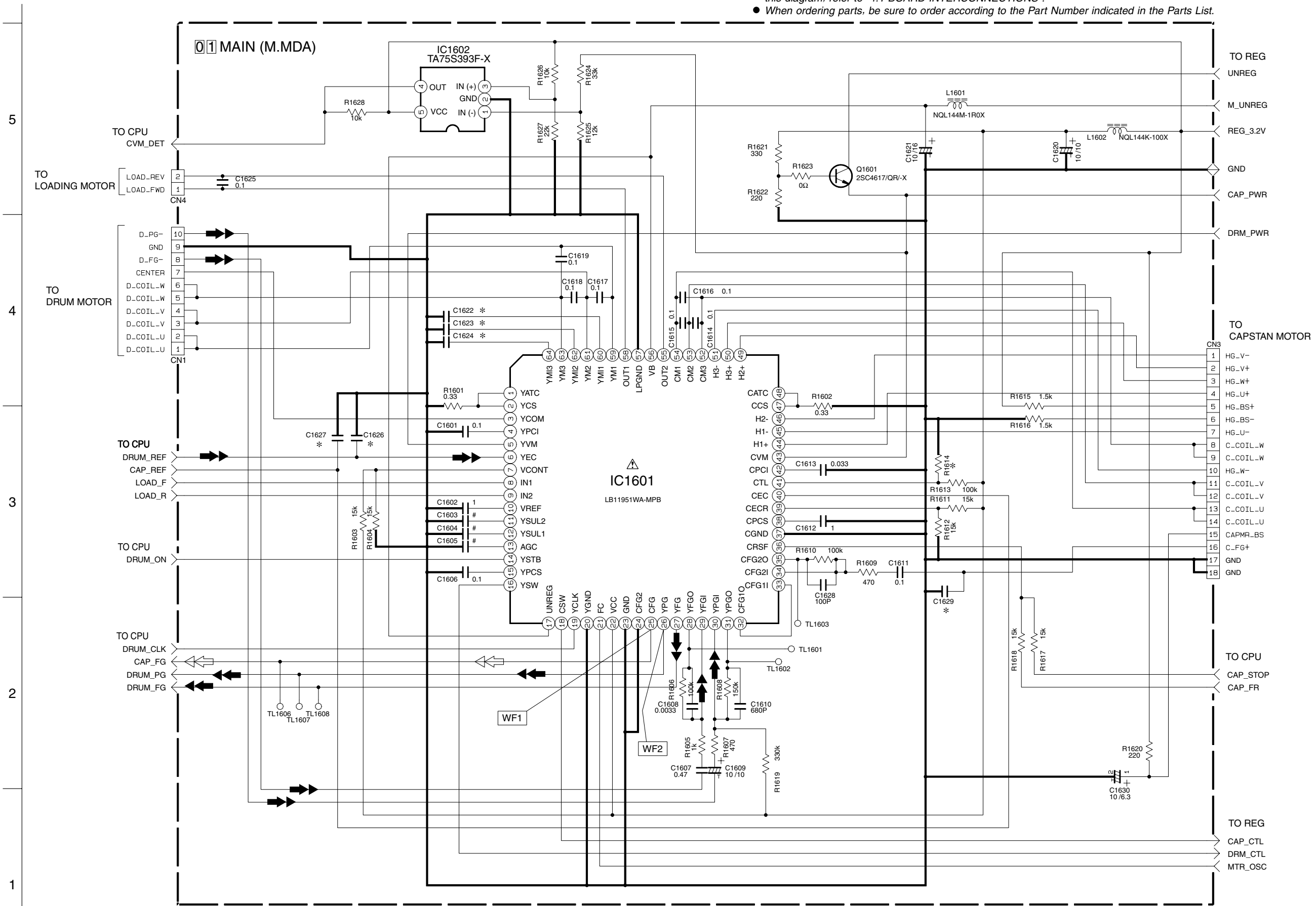


NOTES : 1. The parts with marked (\*) is not used.  
2. For CPU waveforms, please refer to page 4-45.

y10242001a-rev0

### 4.3 M.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.



NOTES : 1. The parts with marked (\*) is not used.  
 2. For M.MDA waveforms, please refer to page 4-45.

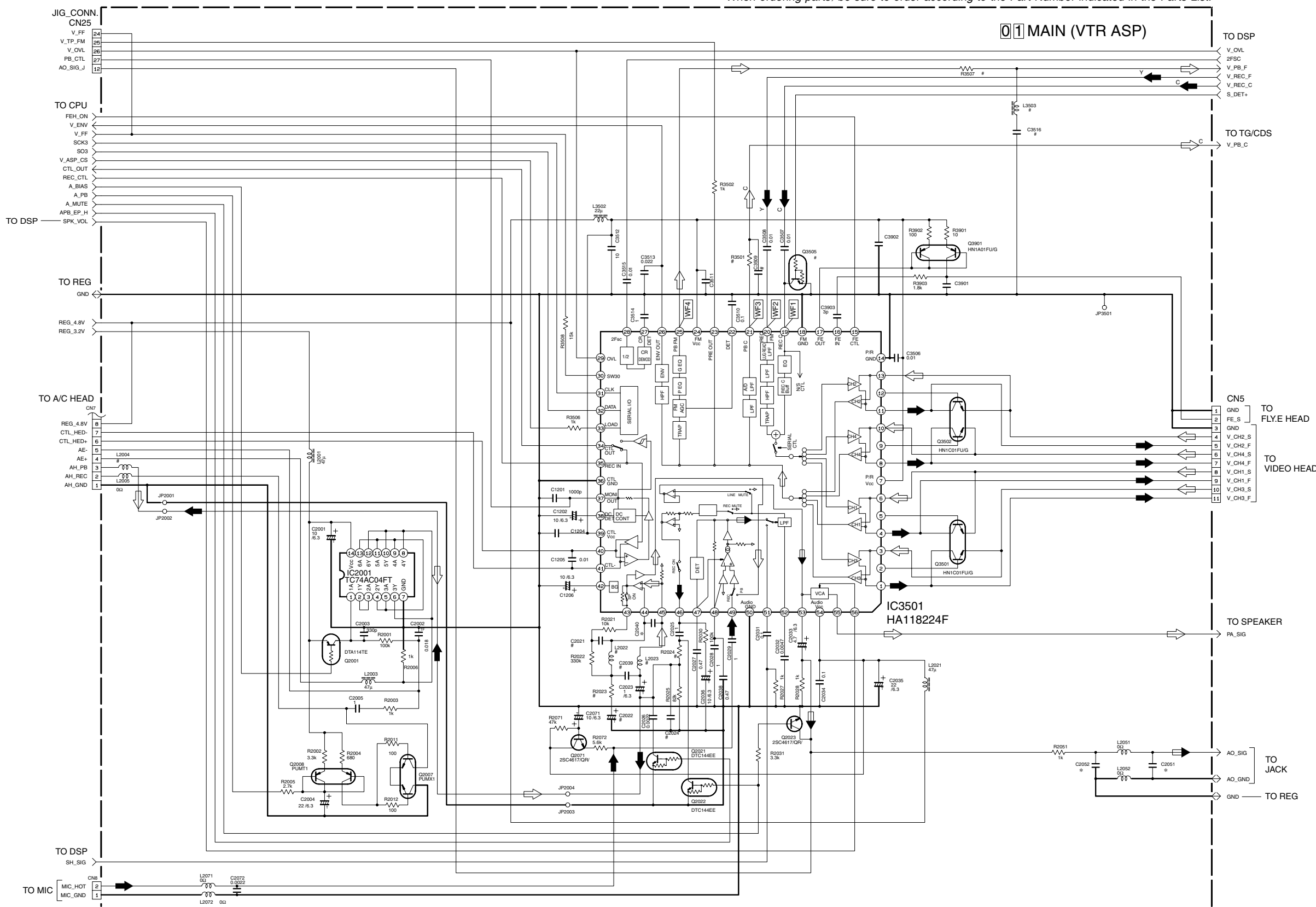
# : EXCHANGE PARTS LIST

	NTSC	PAL
C1603	0.0047	0.01
C1604	0.0047	0.01
C1605	0.033	0.01

y20156001a\_rev0

4.4 VTR ASP 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 parts with marked (\*) is not used.  
 2. For VTR ASP waveforms, please refer to page 4-45.

# : EXCHANGE PARTS LIST

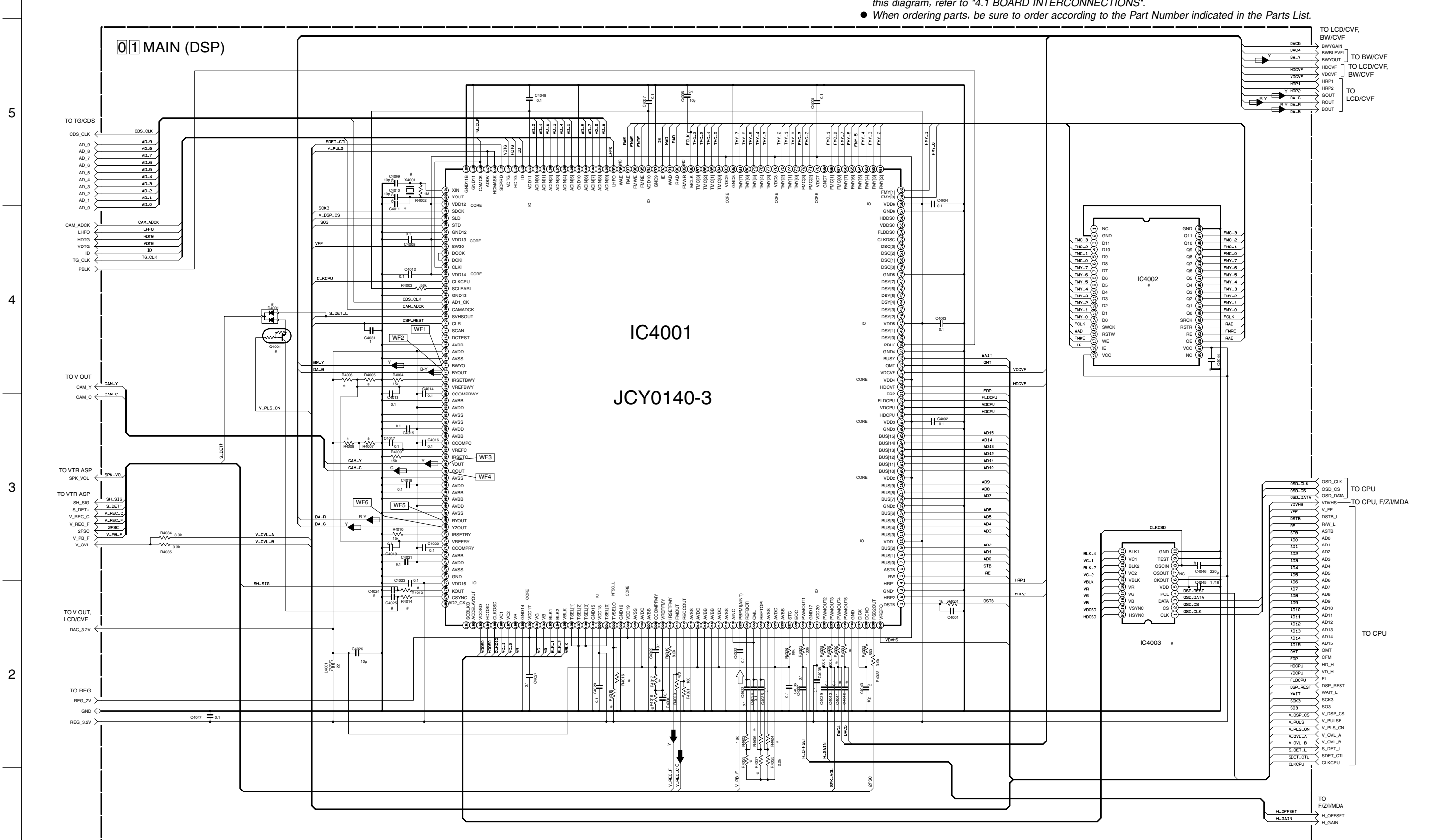
		[VIDEO]		[AUDIO]		
		NTSC	PAL	NTSC	PAL	
Q3505	*	DTC144 EE				
R3507		0	100	R2023	150	82
L3503	*		5.6	R2024	13k	18k
C3516	*		10p	C2021	0.0068	0.01
R3501		0	220	C2022	10 μ/6.3	15 μ/6.3
C3509	*		220p	C2024	0.0012	0.001
				L2004	0 Ω	NQR0403-003X
				L2022	0 Ω	NQR0403-003X
				L2023	0 Ω	NQR0406-003X
				C2039	*	33 p

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A B C D 4-9 4-10 E F G H

### 4.5 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.



NOTES : 1. The parts with marked (\*) is not used.  
 2. For DSP waveforms, please refer to page 4-45.

#### # : EXCHANGE PARTS LIST

	X4001	R4015	R4016
NTSC	QAX0709-001	*	0
PAL	QAX0708-001	0	*

	R4014	C4025	Q4001	D4001
VHS MODEL	*	*	*	*
SVHS MODEL	10k	0.1	DTC144EE-X	DAN222-X

	IC4002	C4044
MEMORY MODEL	Z4C2973-32-X	1 μ
NON MEMORY MODEL	*	*

	R4030	C4041	R4031	C4042	IC4003
JVC C-VF MODEL	*	*	1k	1 μ	μ PD6467GR-512-X
JVC OTHER MODEL	*	*	*	*	↑
PANASONIC MODEL	1k	1 μ	1k	1 μ	μ PD6467GR-508-X

	R4013	C4024
PB SNAP SHOT	1k	0.1μ
NON PB SNAP SHOT	*	*

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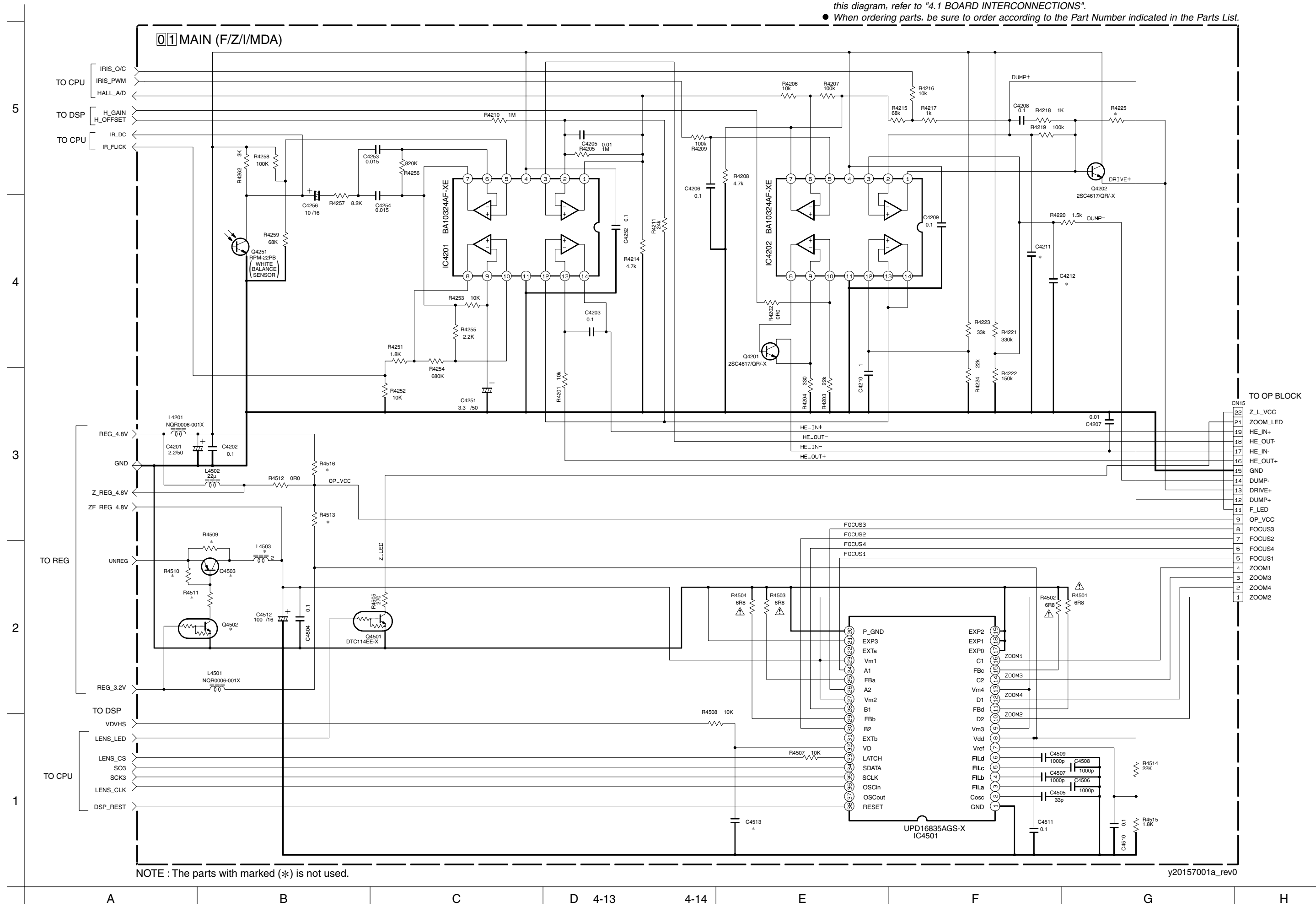
3

4

5

4.6 F/Z/I/MDA SCHEMATIC DIAGRAM

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

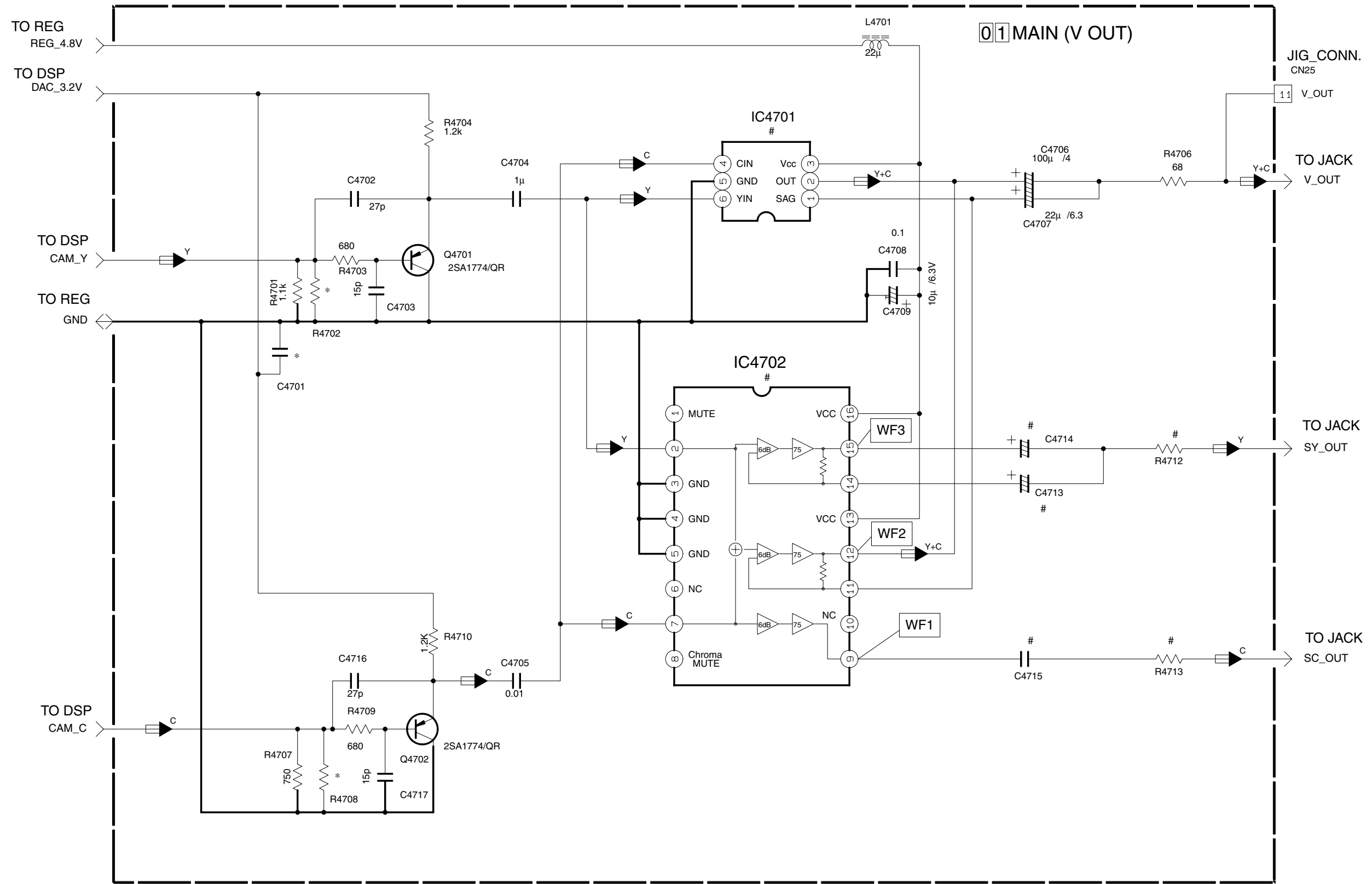


NOTE : The parts with marked (\*) is not used.



### 4.7 V OUT SCHEMATIC DIAGRAM

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



NOTES : 1. The parts with marked (\*): is not used.  
2. For V OUT waveforms, please refer to page 4-45.

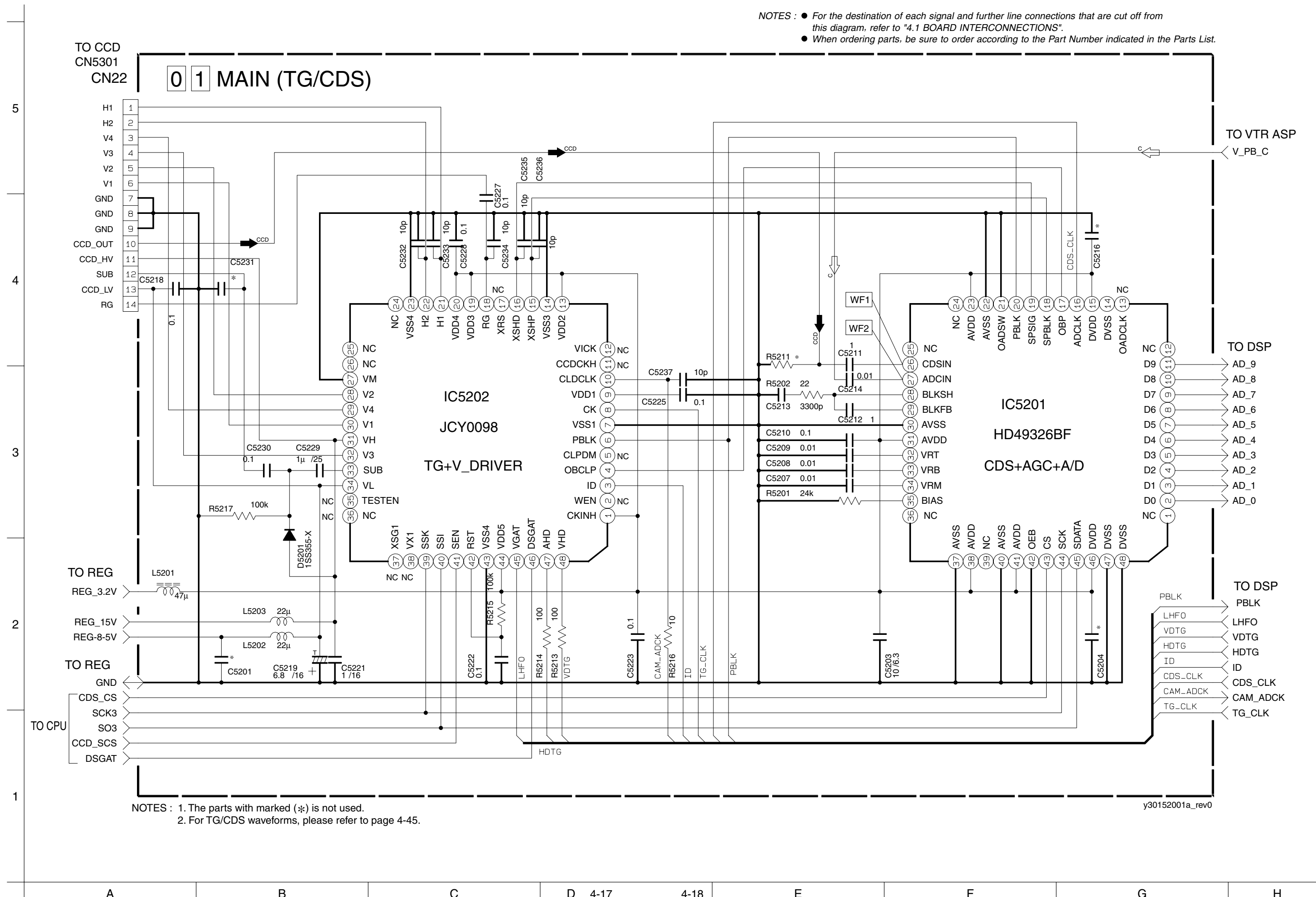
#### # : EXCHANGE PARTS LIST

	IC4701	IC4702	R4712	R4713	C4713	C4714	C4715
VHS MODEL	MM1512XN	*	*	*	*	*	*
SVHS MODEL	*	BA7665FS	68	68	22/6.3	100/4	0.01

y30153001a\_rev0

4.8 TG/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.

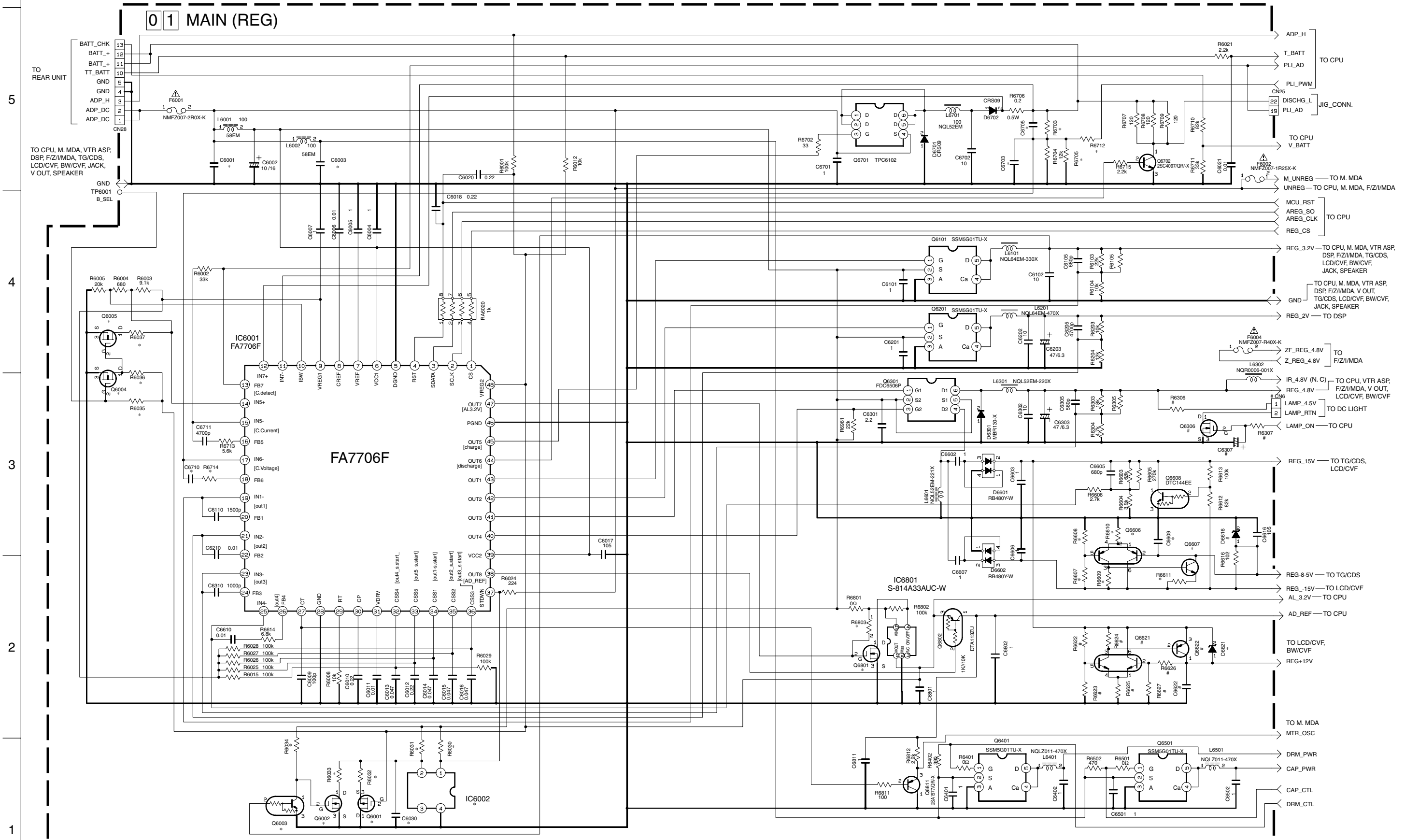


NOTES : 1. The parts with marked (\*) is not used.  
2. For TG/CDS waveforms, please refer to page 4-45.

y30152001a\_rev0

4.9 REG SCHEMATIC DIAGRAM

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



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

# : EXCHANGE PARTS LIST

NTSC	D6616	R6306	Q6306	C6307	CN6
PAL	UDZS8.2B-X	0.47	S5M3K02F	10µ/16	QGA1201C2-02X
	UDZS7.5B-X	*	*	*	*
		Light YES			
		Light NO			

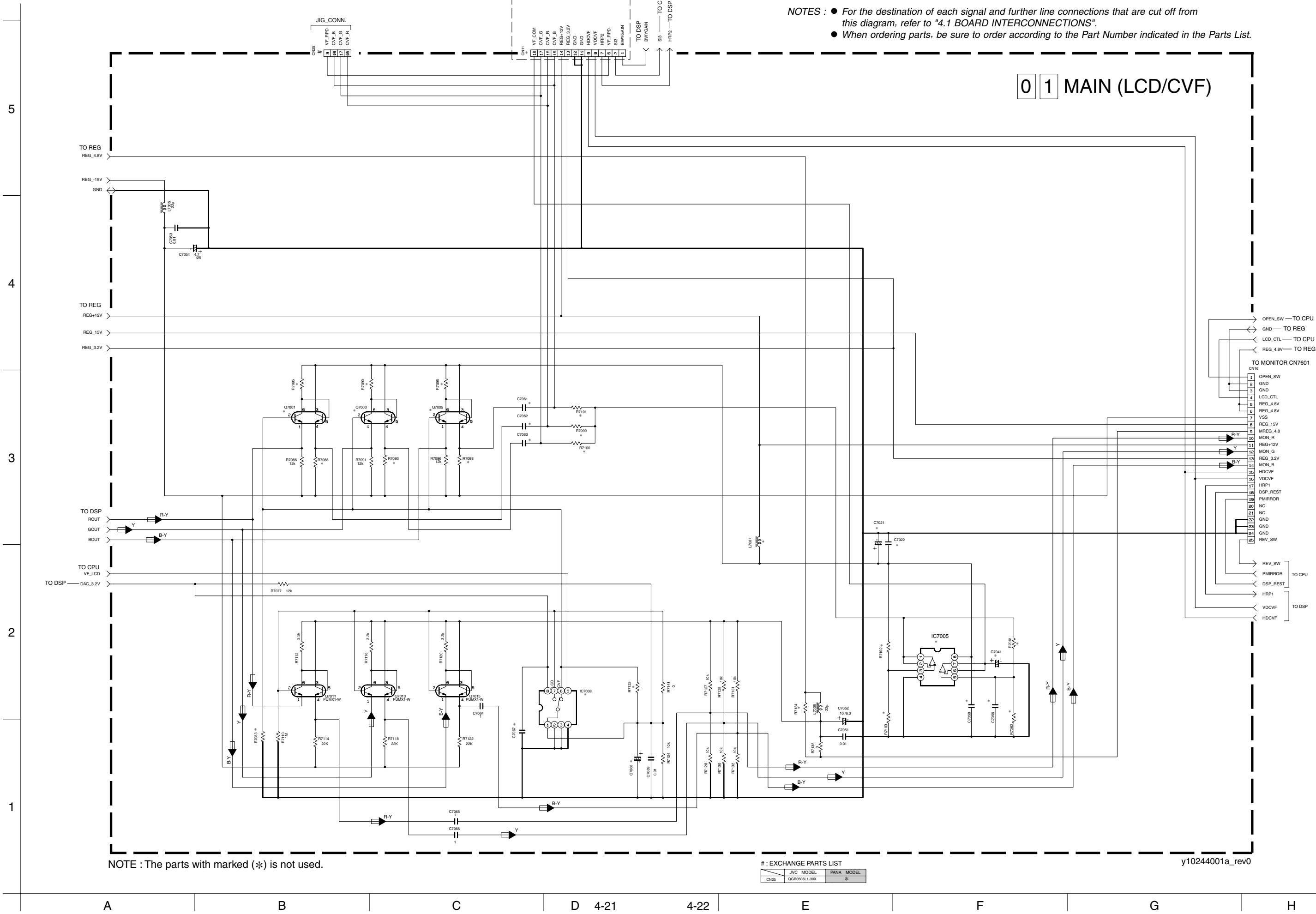
JVC WB V F ONLY MODEL	R6622	R6623	R6624	R6625	R6626	R6627	Q6621	Q6622	C6622
JVC WB V F and 2.5LCD MODEL	*	*	*	*	*	*	*	*	*
JVC OTHER MODEL	100k	47k	27k	8.2k	27k	18k	HN1C01FU	2SA1577	1µ

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A B C D 4-19 4-20 E F G H

# 4.10 LCD/CVF SCHEMATIC DIAGRAM



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

0 1 MAIN (LCD/CVF)

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

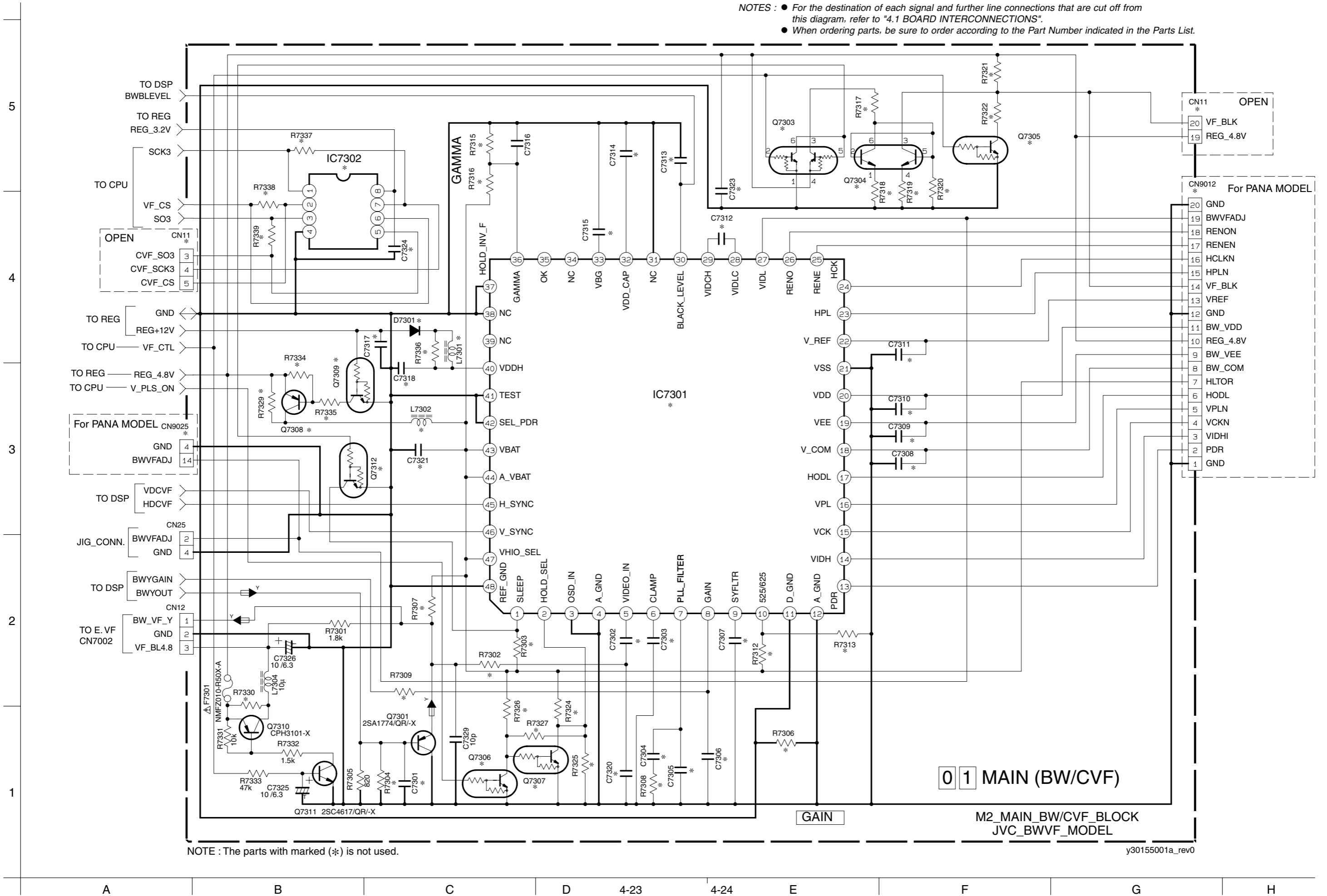
# : EXCHANGE PARTS LIST

	JVC MODEL	PANA MODEL
CN25	DGB0006L1-30X	*

y10244001a\_rev0

4.11 BW/CVF SCHEMATIC DIAGRAM

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



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

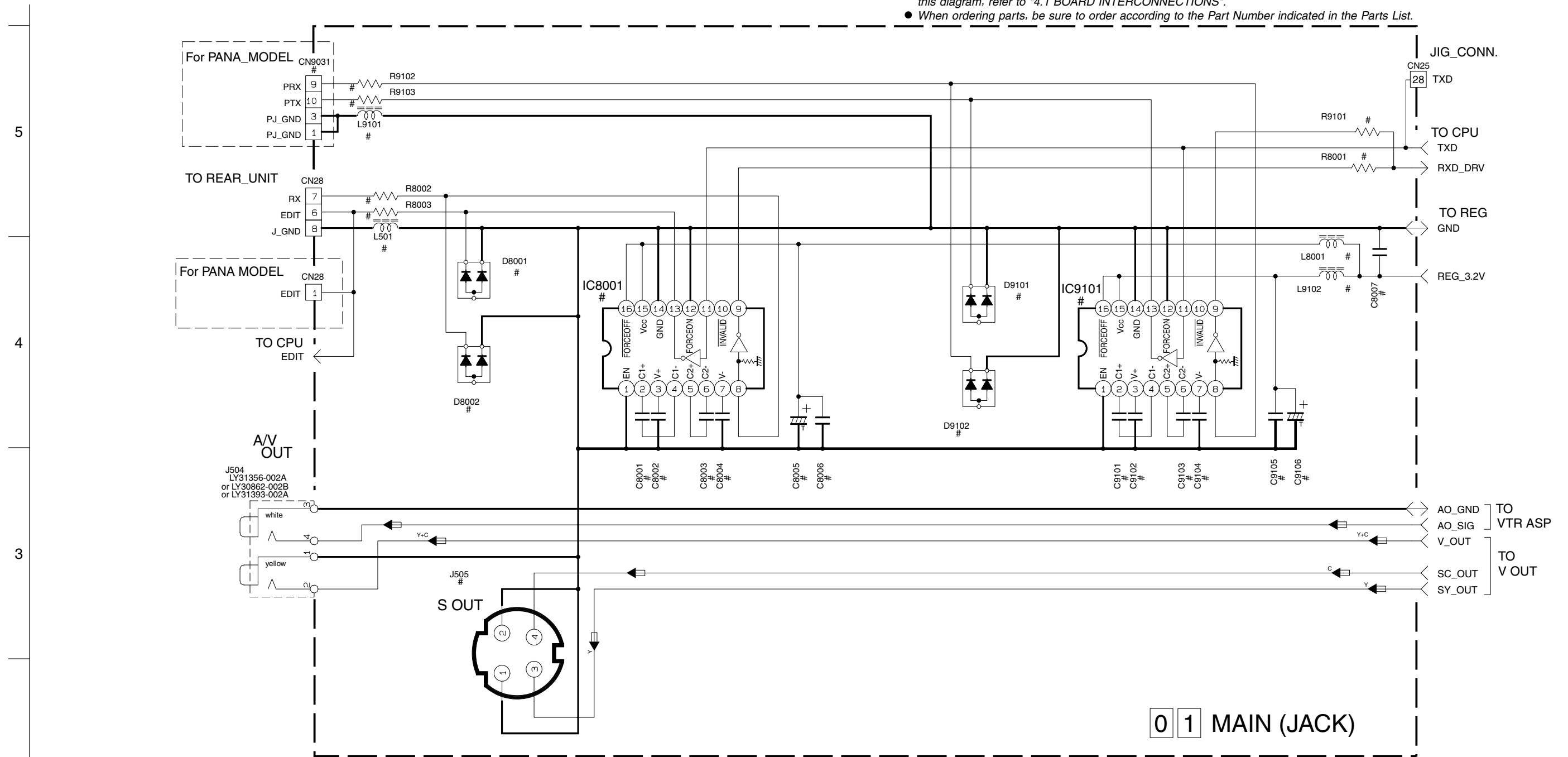
y30155001a\_rev0

01 MAIN (BW/CVF)

M2\_MAIN\_BW/CVF\_BLOCK  
 JVC\_BWVF\_MODEL

4.12 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.



# Exchange Parts List

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

y30154001a\_rev0

	JVC PC model	JVC NON PC model PANA model
IC8001	MAX3221CAE-X	*
R8001	330	*
R8002	0	*
R8003	0	*
C8001	0.1	*
C8002	0.1	*
C8003	0.1	*
C8004	0.1	*
C8005	10/6.3	*
C8006	0.1	*
C8007	*	*
D8001	EMZ6.8N-X	*
D8002	EMZ6.8N-X	*
L8001	22 μ	*

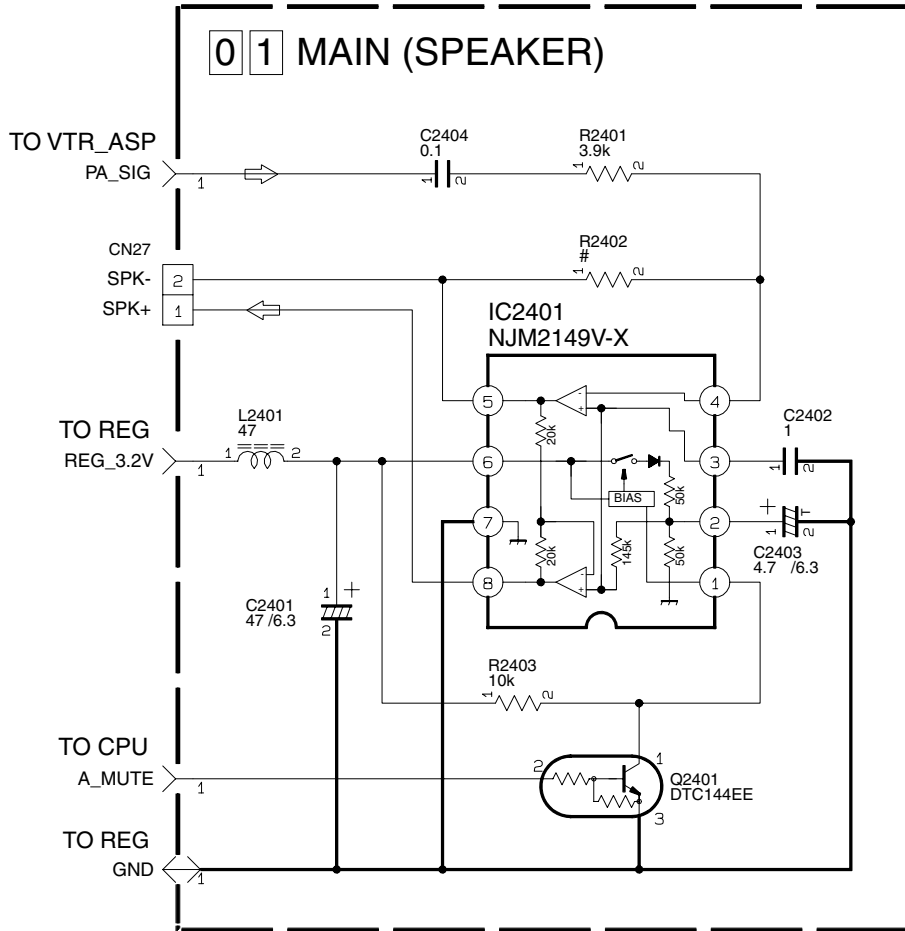
	PANA PC model	JVC model PANA NON PC model
IC9101	MAX3221CAE-X	*
R9101	330	*
R9102	0	*
R9103	0	*
C9101	0.1	*
C9102	0.1	*
C9103	0.1	*
C9104	0.1	*
C9105	10/6.3	*
C9106	0.1	*
D9101	EMZ6.8N-X	*
D9102	EMZ6.8N-X	*
L9102	22 μ	*

	S model	NON S model
J505	QND0068-001 or QND0078-001 or QND0087-001	*

	JVC model with EDIT/DIGITAL terminal	JVC model without EDIT/DIGITAL terminal	PANA model
L501	0Ω	*	
L9101	*	*	0
CN9031	*	*	

### 4.13 SPEAKER 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.



y40080001a\_rev1

# : EXCHANGE PARTS LIST

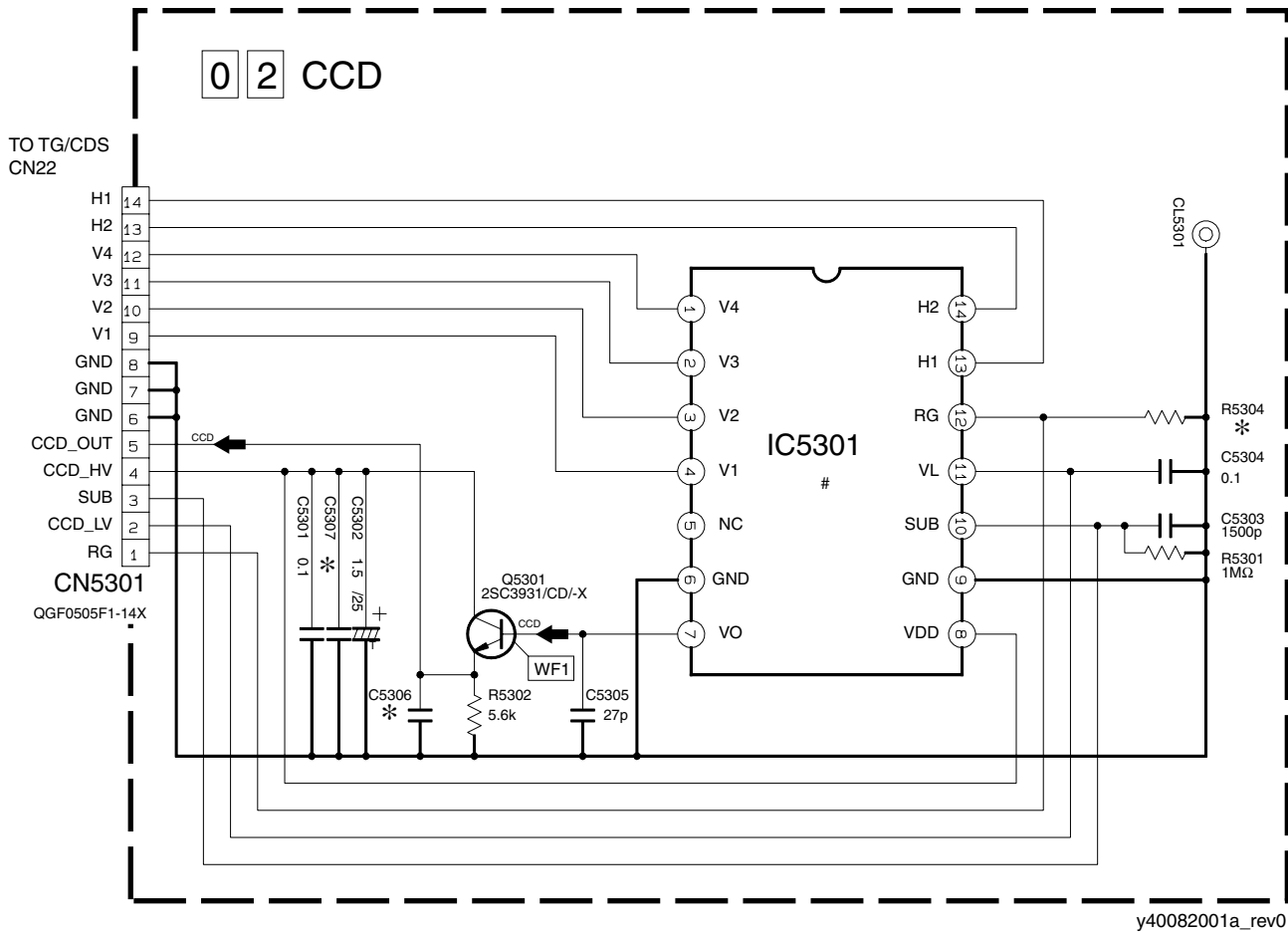
	JVC	PANA/RCA
R2402	3.3k	2.2k

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## 4.14 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.

- IC5301 is incorporated in the CCD base assembly. When IC5301 needs replacement, replace the CCD base assembly in whole because it cannot be replaced alone.



- NOTES :
1. The parts with marked (\*) is not used.
  2. For CCD waveform, please refer to page 4-45.

MODEL	IC5301	CCD_HV	CCD_LV
NTSC_L	MN39117FT	15V	-8V
PAL_L	ICX297AKA-L	15V	-7.5V



4.15 MONITOR SCHEMATIC DIAGRAM

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

07 MONITOR

# : EXCHANGE PARTS LIST

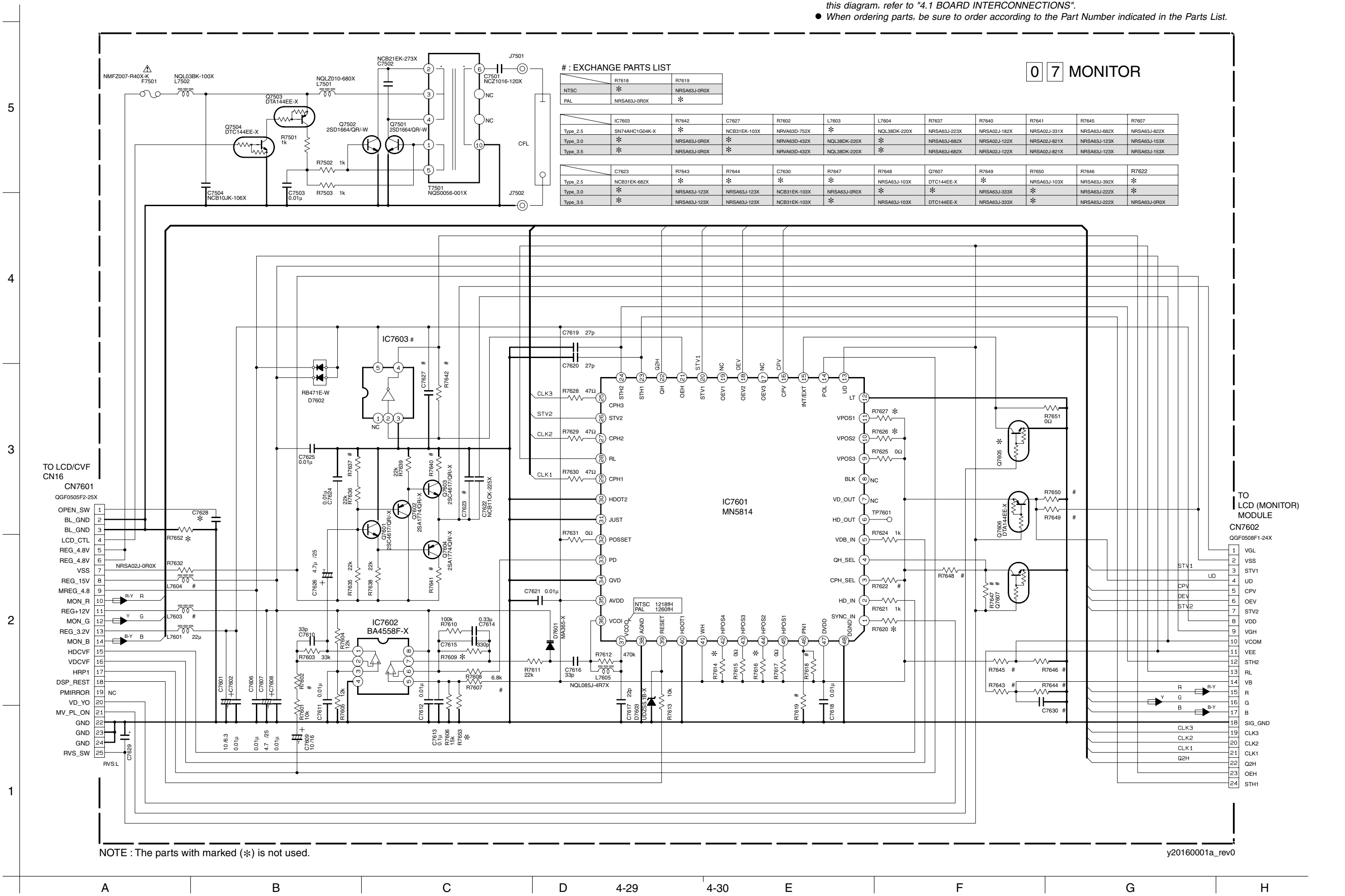
	R7618	R7619								
NTSC	*	NRSA63J-0R0X								
PAL	NRSA63J-0R0X	*								

	IC7603	R7642	C7627	R7602	L7603	L7604	R7637	R7640	R7641	R7645	R7607
Type_2.5	SN74AHC1G04K-X	*	NCB31EK-103X	NRVA63D-752X	*	NQL38DK-220X	NRSA63J-223X	NRSA02J-182X	NRSA02J-331X	NRSA63J-682X	NRSA63J-822X
Type_3.0	*	NRSA63J-0R0X	*	NRVA63D-432X	NQL38DK-220X	*	NRSA63J-682X	NRSA02J-122X	NRSA02J-21X	NRSA63J-123X	NRSA63J-153X
Type_3.5	*	NRSA63J-0R0X	*	NRVA63D-432X	NQL38DK-220X	*	NRSA63J-682X	NRSA02J-122X	NRSA02J-821X	NRSA63J-123X	NRSA63J-153X

	C7623	R7643	R7644	C7630	R7647	R7648	Q7607	R7649	R7650	R7646	R7622
Type_2.5	NCB31EK-682X	*	*	*	*	NRSA63J-103X	DTC144EE-X	*	NRSA63J-103X	NRSA63J-392X	*
Type_3.0	*	NRSA63J-123X	NRSA63J-123X	NCB31EK-103X	NRSA63J-0R0X	*	*	NRSA63J-333X	*	NRSA63J-222X	*
Type_3.5	*	NRSA63J-123X	NRSA63J-123X	NCB31EK-103X	*	NRSA63J-103X	DTC144EE-X	NRSA63J-333X	*	NRSA63J-222X	NRSA63J-0R0X

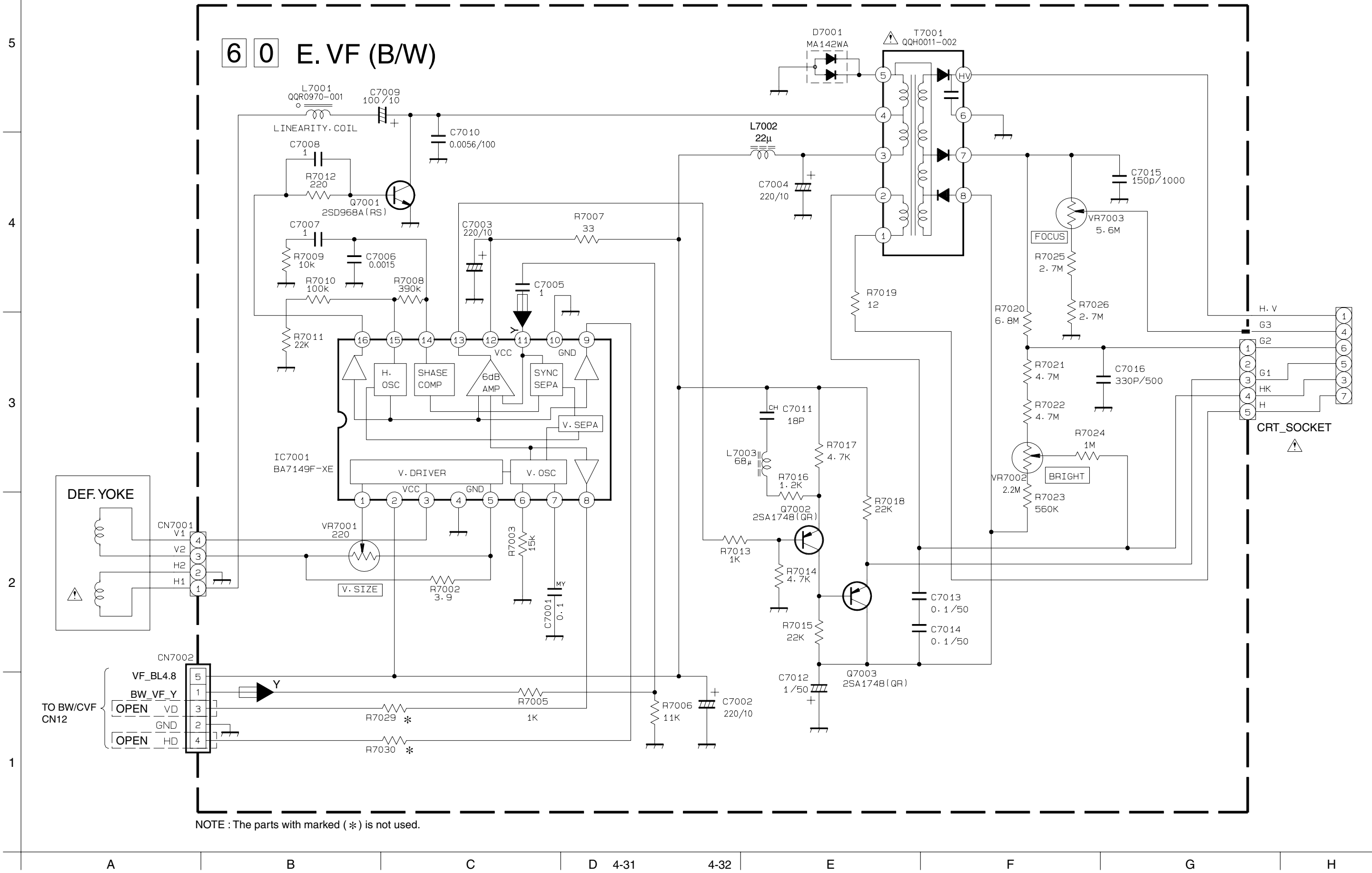


NOTE : The parts with marked (\*) is not used.

y20160001a\_rev0

4.16 E. VF SCHEMATIC DIAGRAM

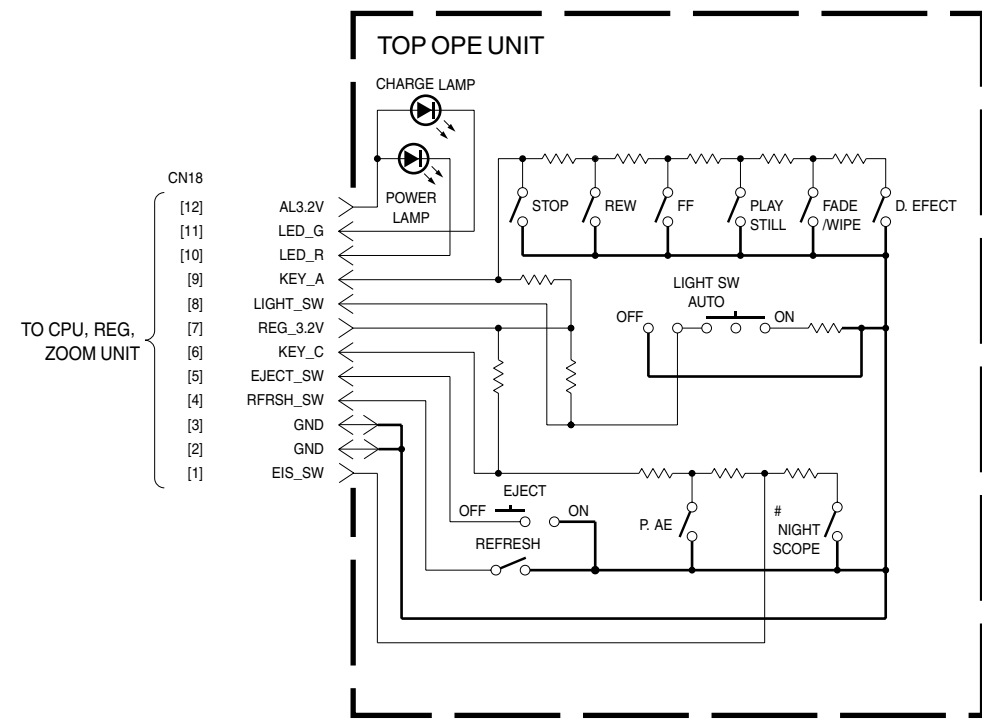
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "4.1 BOARD INTERCONNECTIONS".  
 ● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



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

4.17 TOP OPE UNIT, ZOOM UNIT, REAR UNIT AND SENSOR SCHEMATIC DIAGRAMS

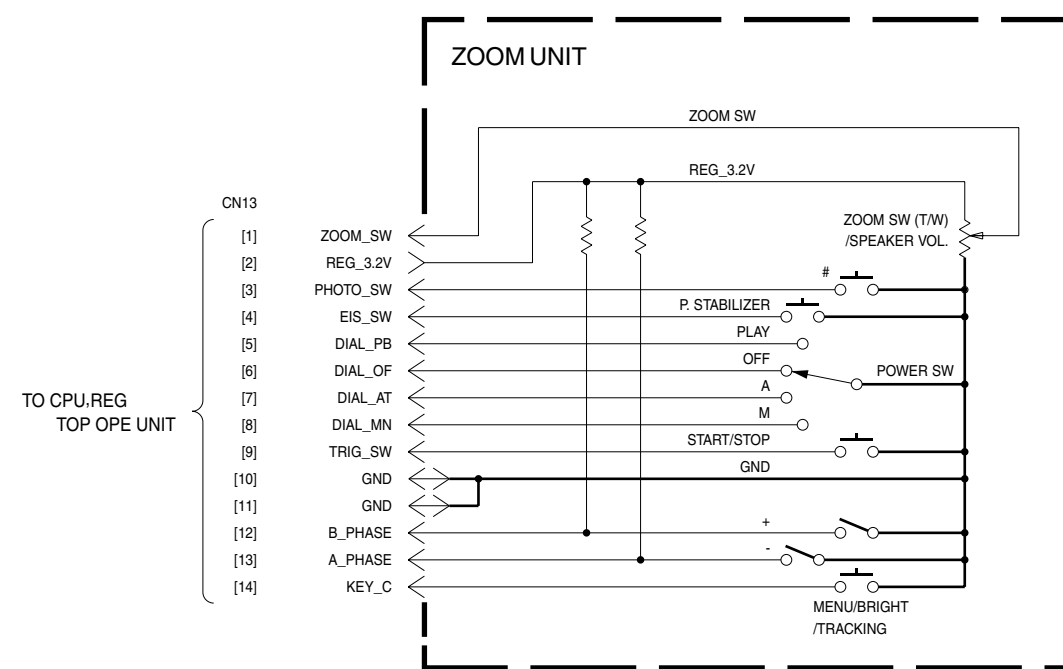
-TOP OPE UNIT-



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

MODELS	GR-FXM38 GR-SXM67	GR-SXM48 GR-SXM87
NIGHT SCOPE	NOT USED	USED

-ZOOM UNIT-

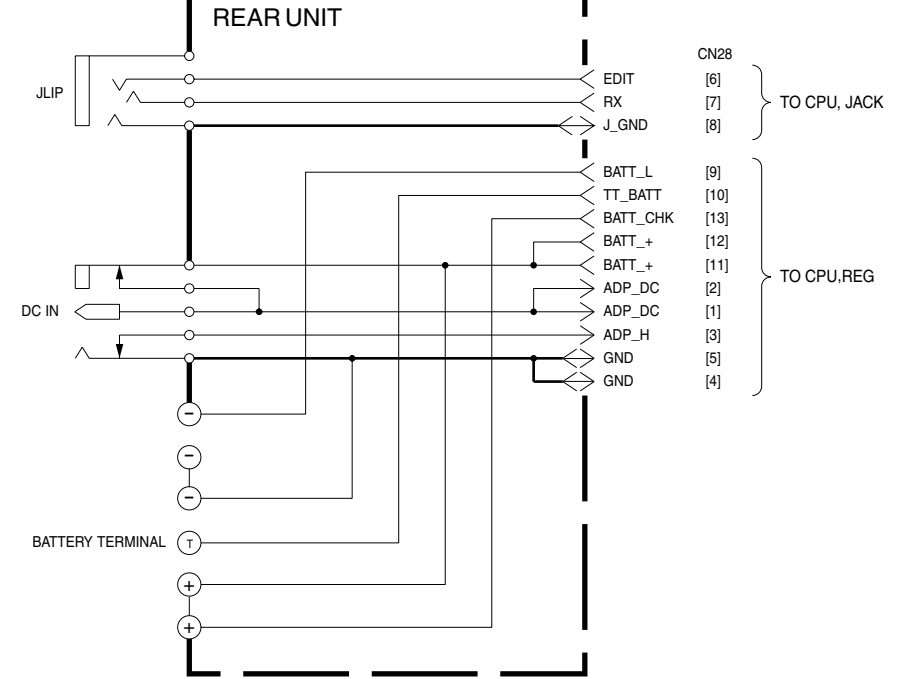


NOTE : COMPARISON CHART OF MODELS & MARKS (#).

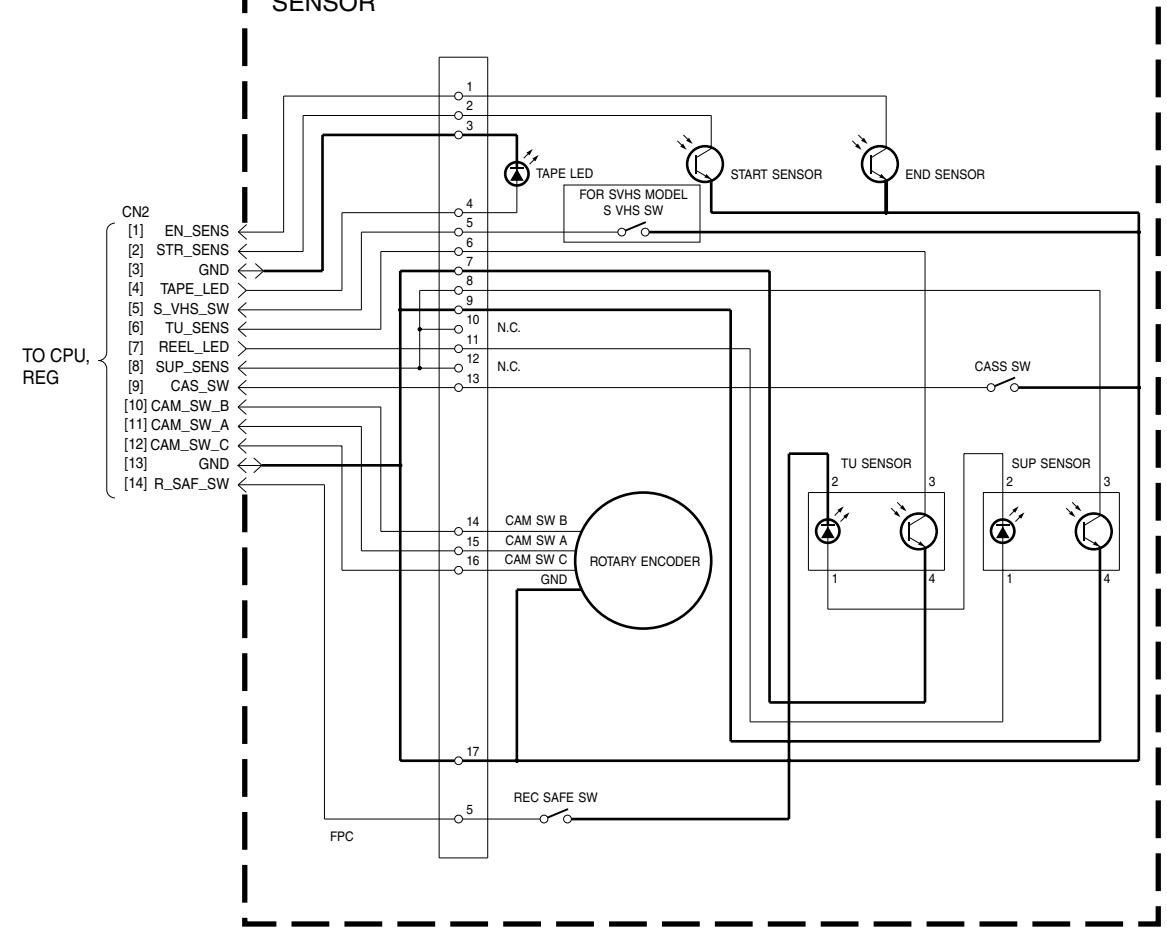
MODELS	FUNCTION
GR-FXM38 GR-SXM67	5 SEC REC
GR-SXM48 GR-SXM87	SNAP SHOT

- 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.

-REAR UNIT-

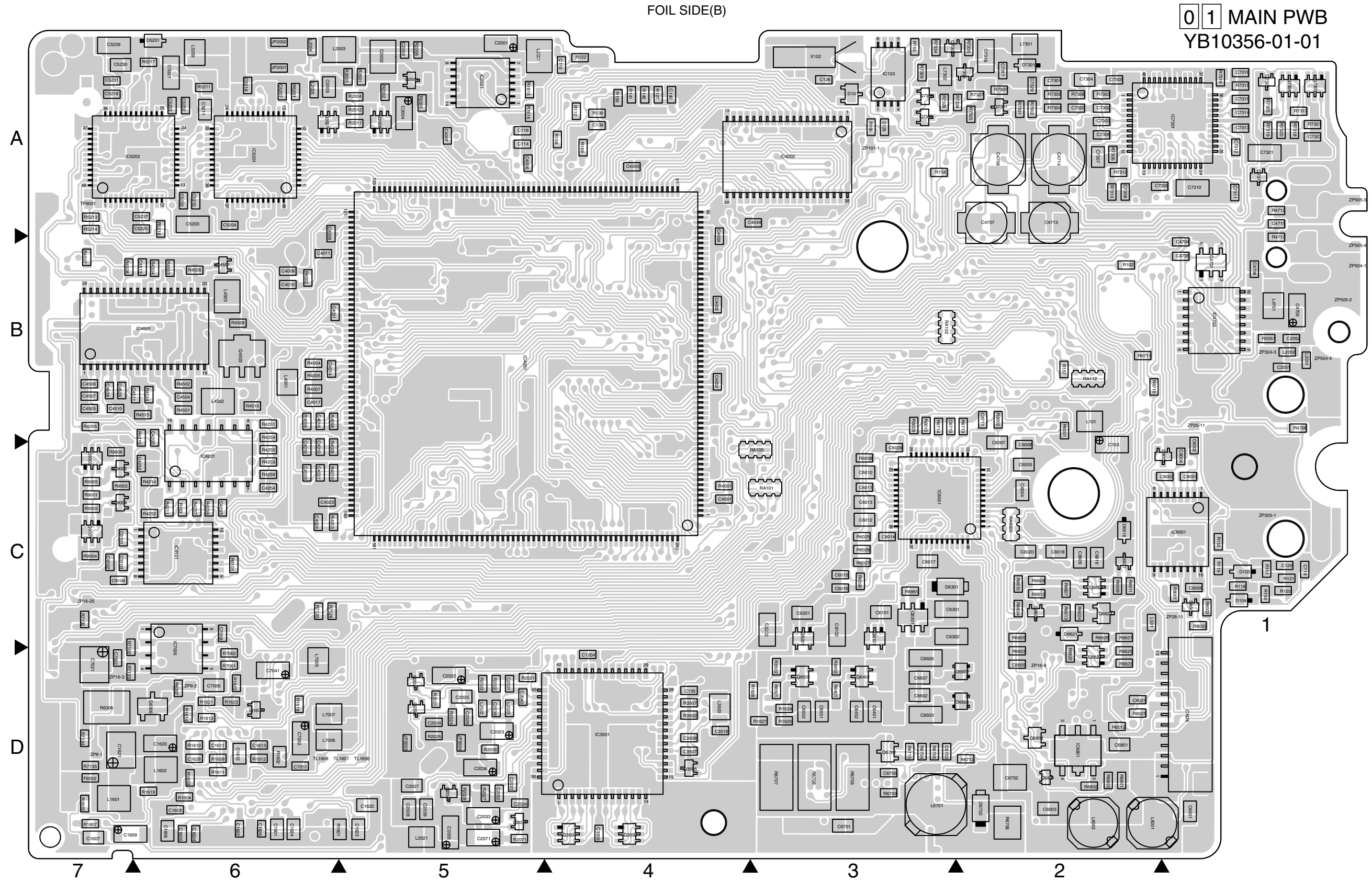


-SENSOR-



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2  
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4.18 MAIN CIRCUIT BOARD

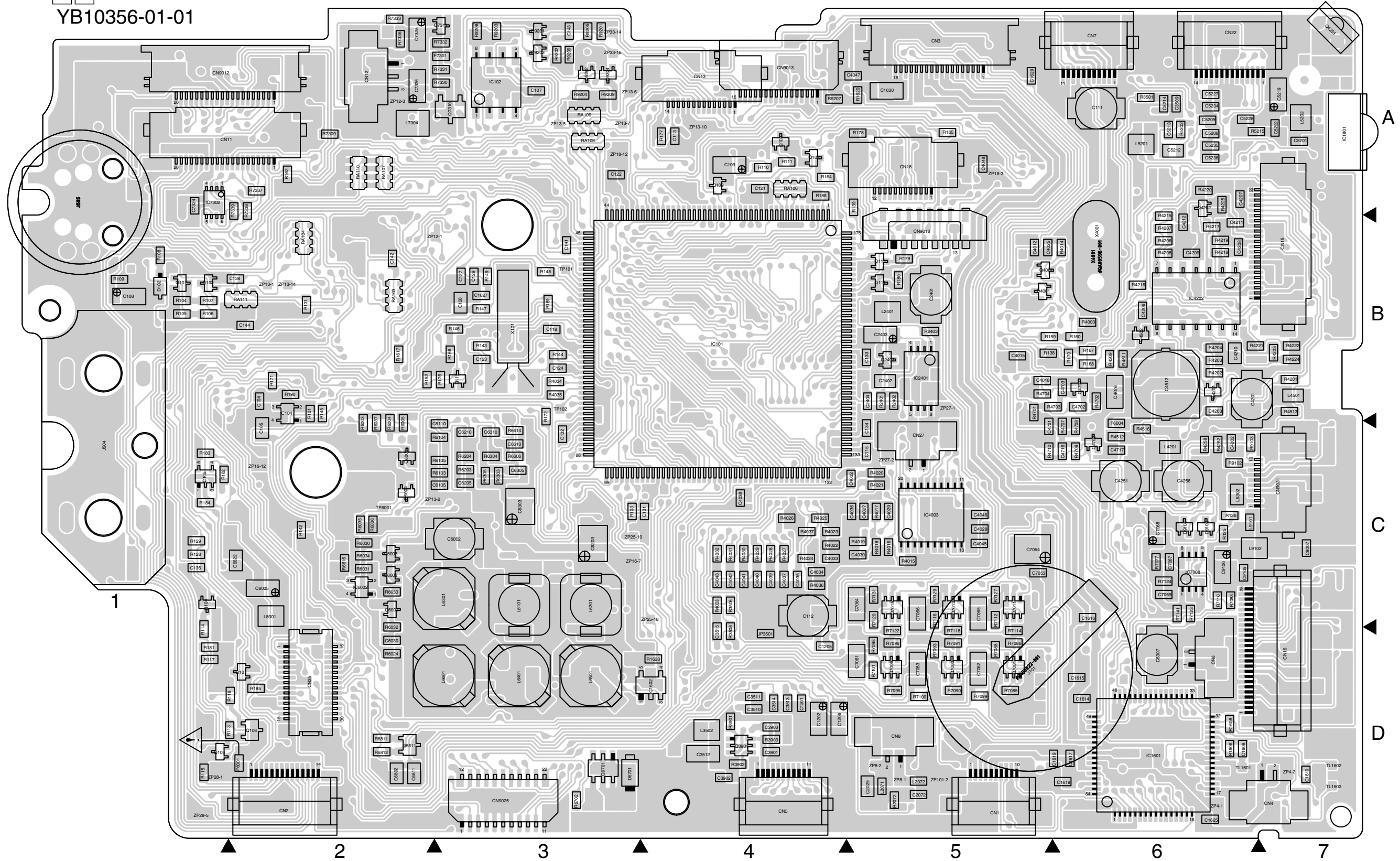






01 MAIN PWB  
YB10356-01-01

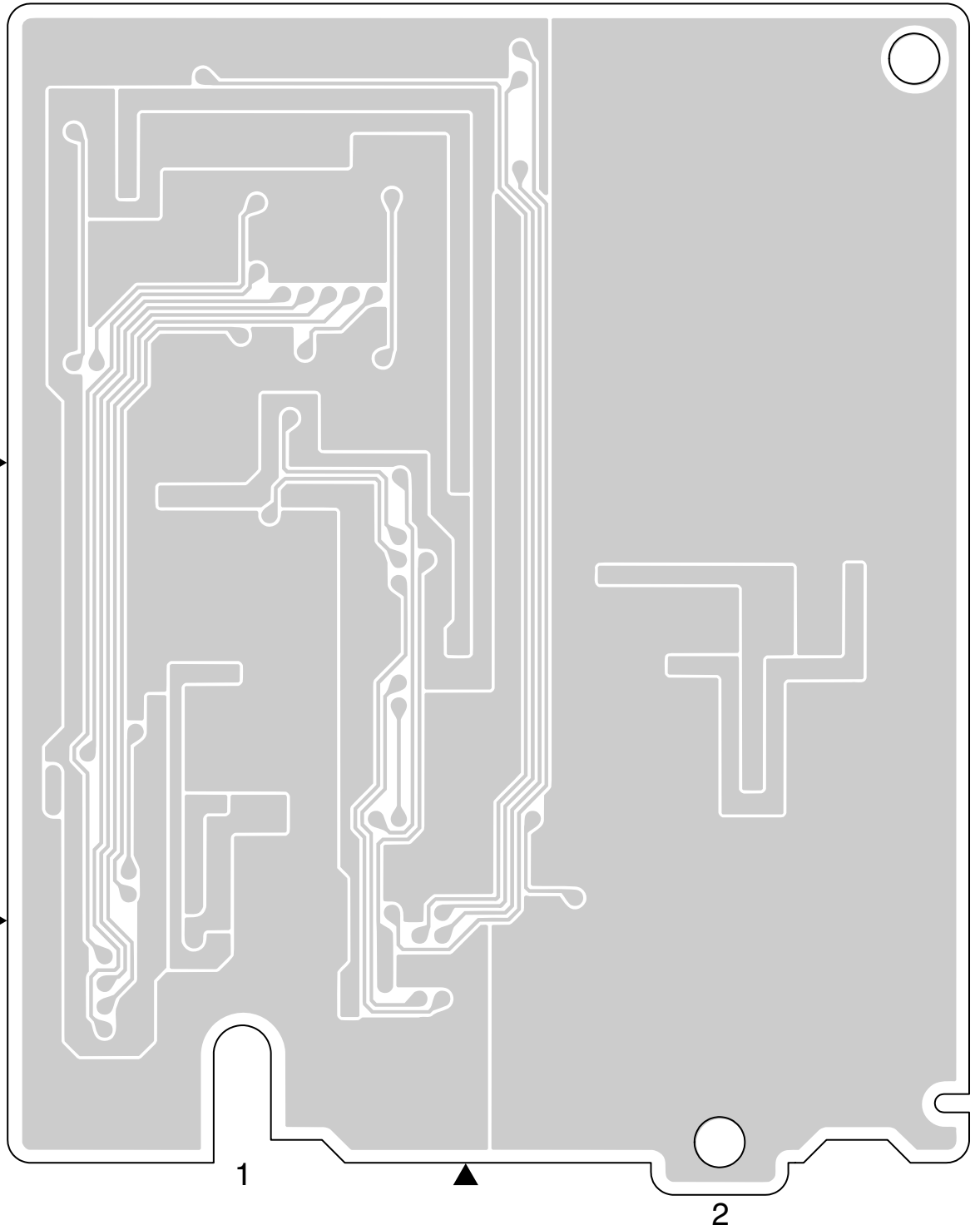
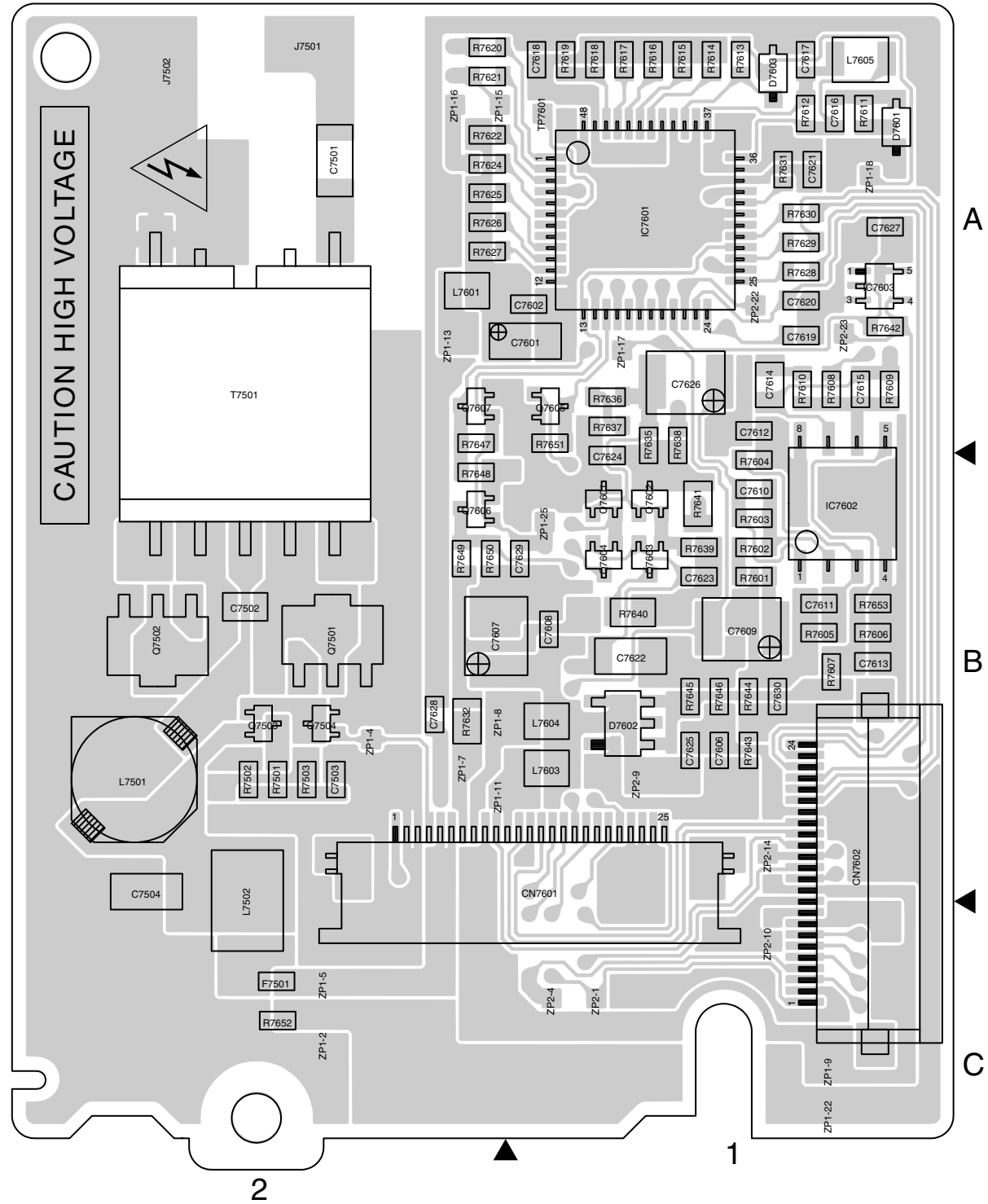
COMPONENT SIDE(A)



4.19 MONITOR CIRCUIT BOARD

FOIL SIDE(B) 07 MONITOR PWB YB20913

07 MONITOR PWB YB20913 COMPONENT SIDE(A)



COMPONENT PARTS LOCATION GUIDE <MONITOR/YB20913>

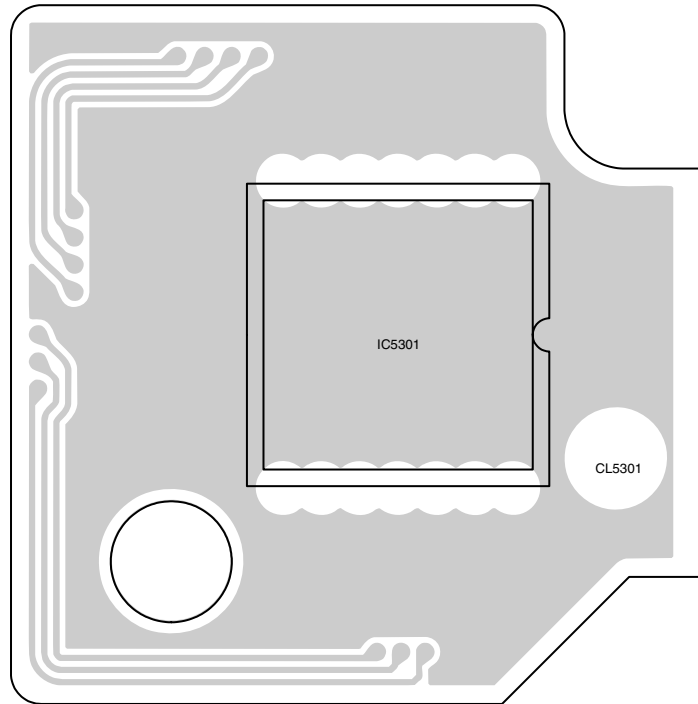
REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION	REF.NO.	LOCATION
<b>CAPACITOR</b>																					
C7501	B C 2A	C7610	B C 1B	C7621	B C 1A	<b>CONNECTOR</b>		L7605	B C 1A	Q7501	B C 2B	R7606	B C 1B	R7617	B C 1A	R7629	B C 1A	R7642	B C 1A	R7653	B C 1B
C7502	B C 2B	C7611	B C 1B	C7622	B C 1B	CN7601	B C 2B	IC7601	B C 1A	Q7502	B C 2B	R7607	B C 1B	R7618	B C 1A	R7630	B C 1A	R7643	B C 1B	<b>TEST POINT</b>	
C7503	B C 2B	C7612	B C 1A	C7623	B C 1B	CN7602	B C 1C	IC7602	B C 1B	Q7503	B C 2B	R7608	B C 1A	R7619	B C 1A	R7631	B C 1A	R7644	B C 1B	TP7601	B C 1A
C7504	B C 2B	C7613	B C 1B	C7624	B C 1B	<b>DIODE</b>		IC7603	B C 1A	Q7504	B C 2B	R7609	B C 1A	R7620	B C 2A	R7632	B C 2B	R7645	B C 1B	<b>OTHER</b>	
C7501	B C 1A	C7614	B C 1A	C7625	B C 1B	D7601	B C 1A	<b>COIL</b>		Q7601	B C 1B	R7610	B C 1A	R7621	B C 2A	R7635	B C 1A	R7646	B C 1B	ZP1-7	B C 2B
C7601	B C 1A	C7615	B C 1A	C7626	B C 1A	D7602	B C 1A	L7501	B C 2B	Q7602	B C 1B	R7611	B C 1A	R7622	B C 2A	R7636	B C 1A	R7647	B C 2A	ZP1-8	B C 2B
C7602	B C 1A	C7616	B C 1A	C7627	B C 1A	D7603	B C 1A	L7502	B C 2C	Q7603	B C 1B	R7612	B C 1A	R7624	B C 2A	R7637	B C 1A	R7648	B C 2B	ZP1-9	B C 1C
C7606	B C 1B	C7617	B C 1A	C7628	B C 2B	<b>FUSE</b>		L7601	B C 2A	Q7604	B C 1B	R7613	B C 1A	R7625	B C 2A	R7638	B C 1A	R7649	B C 2B	ZP2-1	B C 1C
C7607	B C 2B	C7618	B C 1A	C7629	B C 1B	F7501	B C 2C	L7603	B C 1B	Q7605	B C 1A	R7614	B C 1A	R7626	B C 2A	R7639	B C 1B	R7650	B C 2B	ZP2-2	B C 1B
C7608	B C 1B	C7619	B C 1A	C7630	B C 1B			L7604	B C 1B			R7615	B C 1A	R7627	B C 2A	R7640	B C 1B	R7651	B C 1A	ZP2-22	B C 1A
C7609	B C 1B	C7620	B C 1A									R7616	B C 1A	R7628	B C 1A	R7641	B C 1B	R7652	B C 2C	ZP2-23	B C 1A



## 4.20 CCD CIRCUIT BOARD

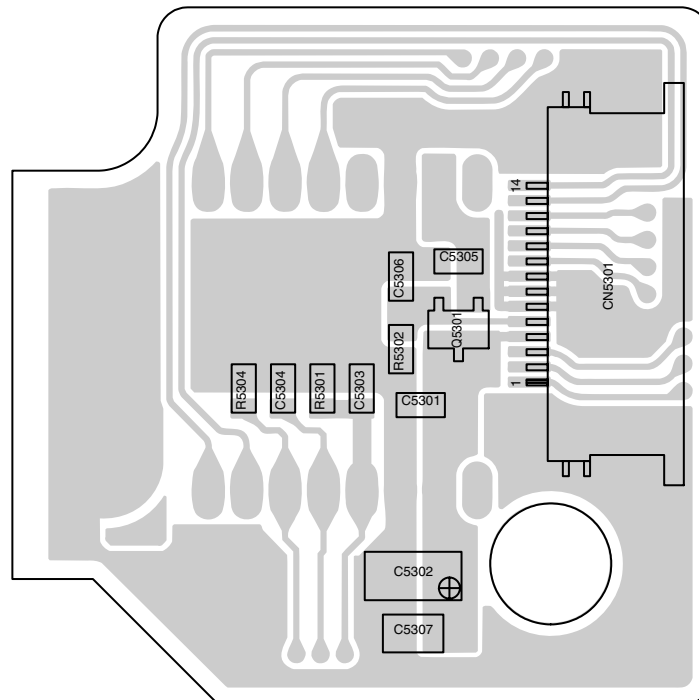
FOIL SIDE(B)

0 2 CCD PWB  
YB10356-01-01



COMPONENT SIDE(A)

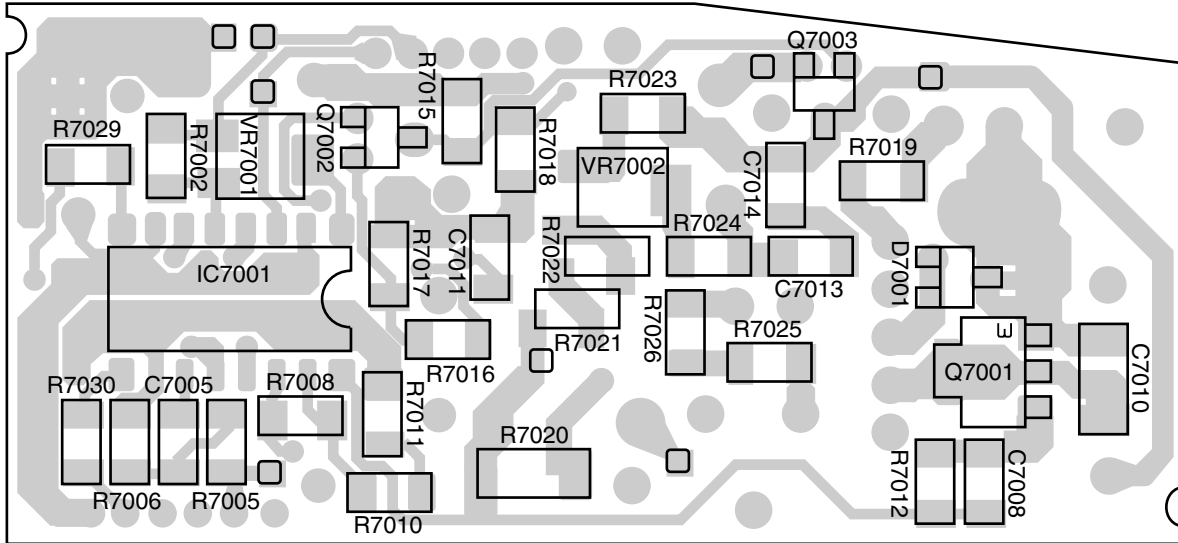
0 2 CCD PWB  
YB10356-01-01



4.21 E. VF CIRCUIT BOARD

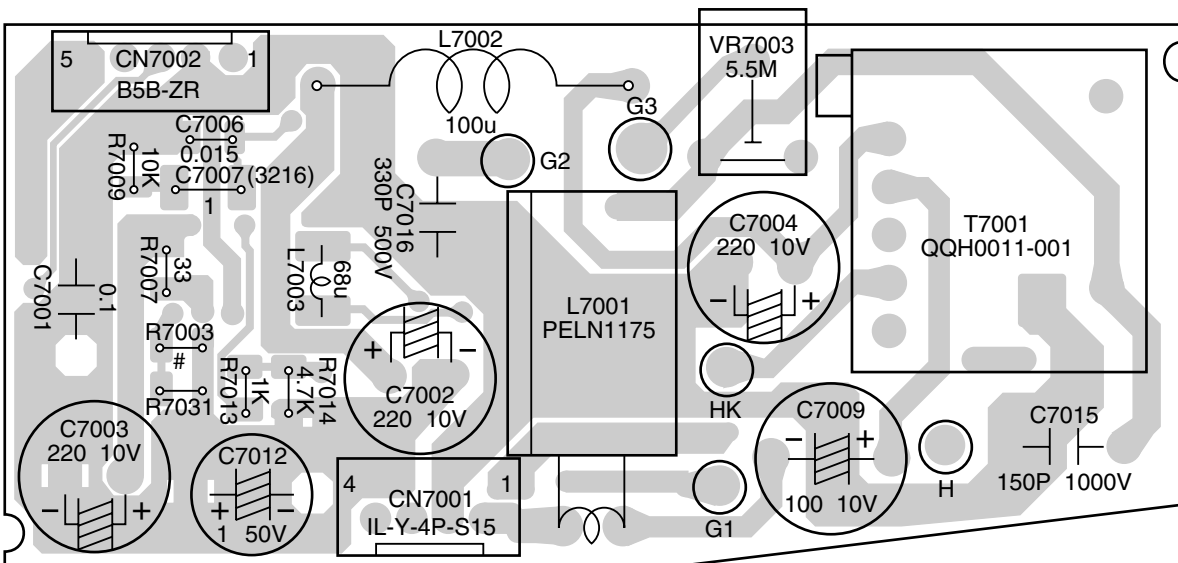
FOIL SIDE(B)

60 E. VF PWB



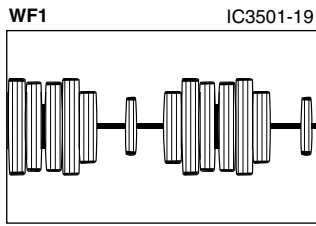
COMPONENT SIDE (A)

60 E. VF PWB

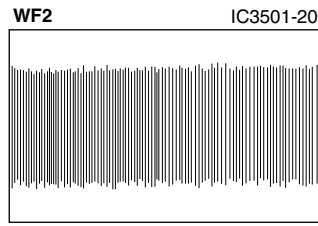


## 4.22 WAVEFORMS

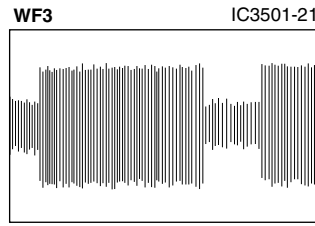
### — VTR ASP —



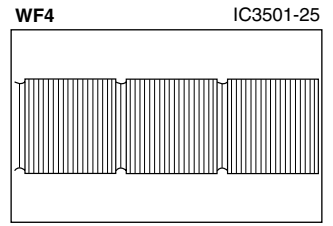
REC 0.1 Vp-p  
2 mV/10  $\mu$ sec/DIV



REC 0.57 Vp-p  
10 mV/10  $\mu$ sec/DIV

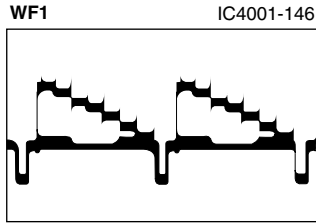


PB 24 mVp-p  
1 mV/5 msec/DIV

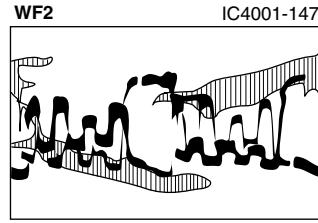


PB 0.24 Vp-p  
20 mV/5 msec/DIV

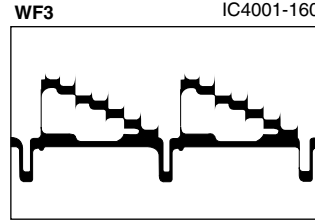
### — DSP —



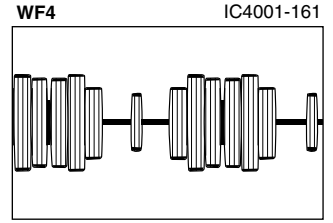
REC/PB 0.28 Vp-p  
10 mV/20  $\mu$ sec/DIV



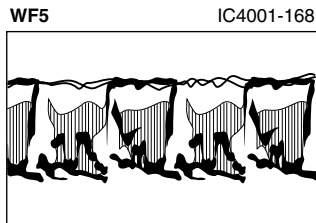
REC 0.52 Vp-p  
20 mV/10  $\mu$ sec/DIV  
PB 0.3 Vp-p  
10 mV/10  $\mu$ sec/DIV



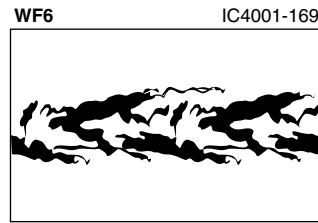
REC/PB 0.28 Vp-p  
10 mV/20  $\mu$ sec/DIV



REC 0.15 Vp-p  
PB 0.33 Vp-p  
5 mV/10  $\mu$ sec/DIV

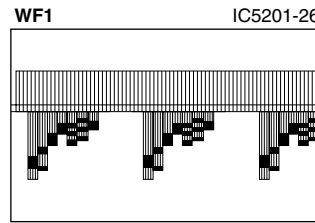


REC 0.76 Vp-p  
20 mV/10  $\mu$ sec/DIV  
PB 0.17 Vp-p  
5 mV/10  $\mu$ sec/DIV

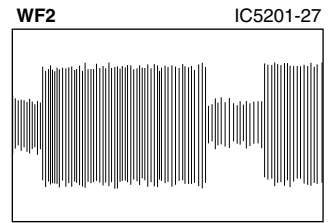


REC 0.48 Vp-p  
PB 0.13 Vp-p  
10 mV/10  $\mu$ sec/DIV

### — TG/CDS —

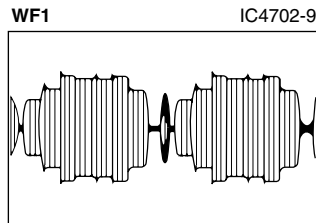


REC 0.26 Vp-p  
5 mV/10  $\mu$ sec/DIV

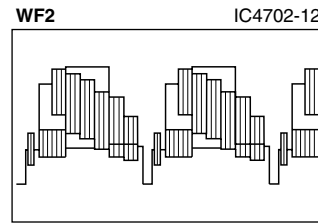


PB 24 mVp-p  
1 mV/5 msec/DIV

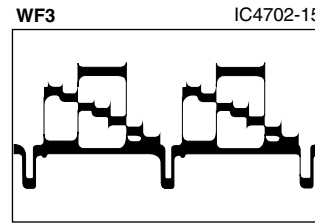
### — V OUT —



REC/PB 0.34 Vp-p  
10 mV/10  $\mu$ sec/DIV

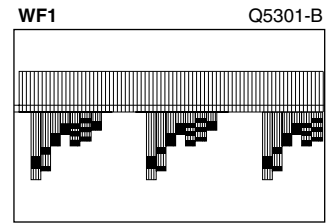


REC 0.66 Vp-p  
PB 0.64 Vp-p  
10 mV/10  $\mu$ sec/DIV



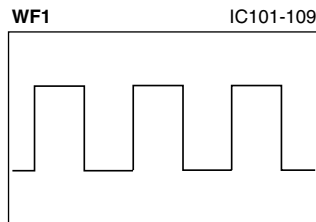
REC 0.57 Vp-p  
PB 0.55 Vp-p  
10 mV/10  $\mu$ sec/DIV

### — CCD —

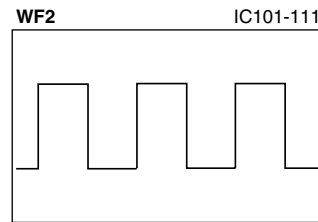


EE 0.52 Vp-p  
10 mV/10  $\mu$ sec/DIV

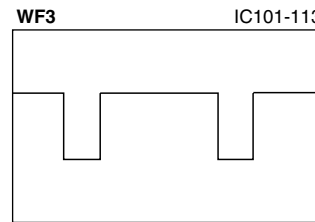
### — CPU —



REC/PB 0.96 Vp-p  
20 mV/0.5 msec/DIV

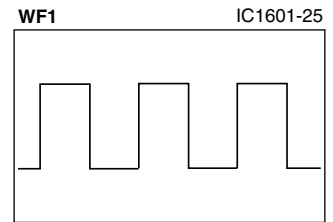


REC/PB 0.96 Vp-p  
20 mV/0.1 msec/DIV

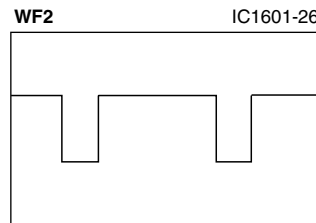


REC/PB 0.9 Vp-p  
50 mV/5 msec/DIV

### — M.MDA —



REC/PB 0.96 Vp-p  
20 mV/0.1 msec/DIV



REC/PB 0.9 Vp-p  
50 mV/5 msec/DIV

## 4.23 VOLTAGE CHARTS

### <CPU>

MODE PIN NO.	REC	PLAY
IC101		
1	3.2	3.2
2	3.2	3.2
3	0	0
4	3.3	3.2
5	0	0
6	0	0
7	3.2	3.2
8	3.2	3.2
9	0.7	0
10	3.2	3.2
11	0	0
12	0	1.3
13	3.2	3.2
14	0	0
15	0	0
16	1.5	0
17	0	0
18	3.2	3.2
19	0	0
20	0	0
21	3.2	0
22	1.6	0
23	3.2	3.2
24	2.9	2.7
25	3.1	3.1
26	1.6	1.5
27	0	0
28	0	0
29	3.2	3.2
30	3.2	3.2
31	3.2	2.5
32	3.2	3.2
33	3.2	3.2
34	3.2	3.2
35	3.2	3.2
36	0	0
37	0	0
38	0	3.2
39	3.2	3.2
40	0	0
41	0	0
42	3.2	0
43	0	0
44	0	0
45	0	0
46	3.0	3.0
47	0	0
48	0	0
49	3.0	0
50	3.0	3.0
51	0	3.0
52	3.1	3.1
53	-	-
54	-	-
55	3.2	3.3
56	0	0
57	1.3	1.3
58	1.7	1.7
59	2.1	0
60	0	0
61	2.9	2.9

MODE PIN NO.	REC	PLAY
62	2.9	2.8
63	0	0
64	0	0
65	0	0
66	3.3	3.3
67	3.2	3.2
68	0	0
69	3.2	3.2
70	1.5	1.5
71	-	-
72	0	0
73	1.6	1.6
74	0	0
75	0	0
76	0	0
77	0	0
78	0	0
79	0	0
80	0	0
81	3.2	3.2
82	0	0
83	1.9	0
84	0	0
85	3.2	0
86	3.2	0
87	0	0
88	0	0
89	0	0
90	3.2	3.2
91	3.3	3.3
92	3.0	3.0
93	3.1	3.0
94	3.2	3.2
95	3.0	3.0
96	0	0
97	0	0
98	0	0
99	3.2	3.2
100	0	0
101	3.0	3.0
102	0	0
103	1.6	1.6
104	1.0	0.6
105	3.2	3.2
106	0	0
107	3.1	3.2
108	3.1	3.1
109	1.7	1.6
110	0	0
111	1.6	1.7
112	1.8	1.8
113	2.9	2.9
114	0	0
115	2.9	3.0
116	3.2	3.2
117	0	2.8
118	3.2	3.2
119	3.2	3.2
120	3.2	0
121	2.9	2.9
122	0	0
123	0	0

MODE PIN NO.	REC	PLAY
124	0	0
125	2.2	0.5
126	3.2	3.2
127	0	0
128	3.2	3.2
129	0	0
130	1.7	1.7
131	0	3.3
132	0	-
133	3.3	3.3
134	0	0
135	3.2	3.2
136	3.2	3.2
137	0	0
138	0	0
139	0	0
140	3.2	3.2
141	3.2	3.2
142	3.2	3.2
143	3.2	3.2
144	3.2	3.2
145	0.8	0.8
146	0.8	0.8
147	0.8	0.8
148	0.7	0.7
149	0.7	0.7
150	0.8	0.7
151	0.7	0.6
152	0.8	0.6
153	3.2	3.2
154	0	0
155	0.7	0.8
156	0.8	0.6
157	0.8	0.7
158	0.8	0
159	0.6	0.6
160	0.7	0.5
161	0.5	0.7
162	0.6	0.5
163	0	0
164	3.2	3.2
165	0	0
166	3.2	3.2
167	0	0
168	0	0
169	1.6	1.6
170	3.2	3.2
171	0	0
172	0	0
173	0	0
174	0	3.2
175	3.2	3.2
176	3.2	3.2
IC102		
1	3.2	3.2
2	3.2	3.2
3	3.2	3.2
4	0	0
5	3.2	3.2
6	3.2	3.2
7	3.2	3.2
8	3.2	3.2

### <M.MDA>

MODE PIN NO.	REC	PLAY
IC103		
1	0	0
2	3.2	3.2
3	3.2	3.2
4	0	0
5	0	0
6	0.6	0.6
7	0.7	0.8
8	3.1	3.1
IC104		
1	3.2	3.2
2	3.2	3.2
3	0	0
4	0	0
IC105		
1	3.2	3.2
2	3.2	3.2
3	0	0
4	2.7	2.6
5	3.2	3.2
IC1801		
1	2.7	2.7
2	0	0
3	4.8	4.8
Q101		
E	11.1	11.1
C	11.1	11.1
B	10.3	10.3
Q102		
E	0	0
C	0	0
B	3.2	3.2
Q103		
E	0	0
C	0	4.8
B	0.7	0
Q104		
E	0	0
C	4.5	4.5
B	0	0
Q105		
E	4.8	4.8
C	0	-0.5
B	4.8	4.7
Q107	-	-
Q108		
E	0	0
C	0	0
B	3.2	3.2
Q109		
E	0	0
C	2.1	2.1
B	0	0

MODE PIN NO.	REC	PLAY
IC1601		
1	0	0
2	0	0
3	1.7	1.7
4	2.6	2.6
5	2.4	3.3
6	1.7	1.7
7	1.6	1.6
8	0	0
9	0	0
10	1.2	-
11	0	0.4
12	0.4	0.4
13	1.8	1.8
14	0	0
15	1.4	1.4
16	8.4	8.5
17	11.1	11.1
18	10.3	10.3
19	1.6	1.6
20	0	0
21	1.4	0
22	3.2	3.2
23	0	0
24	0	0
25	1.6	1.6
26	2.9	3.0
27	1.6	1.7
28	1.2	1.2
29	1.2	-
30	1.2	-
31	0	0
32	1.2	1.2
33	1.2	0
34	1.2	-
35	0	0
36	0	3.0
37	0	0
38	1.4	1.5
39	1.6	1.6
40	1.3	1.3
41	3.1	3.1
42	0	2.5
43	1.5	1.6
44	1.6	1.6
45	1.6	1.6
46	1.6	1.6
47	-	-
48	-	-
49	-	-
50	-	-
51	-	-
52	-	-
53	-	-
54	0.8	0.8
55	0	0
56	11.1	11.1
57	0	0
58	0	0
59	0	1.7
60	0	1.4
61	1.6	1.6

MODE PIN NO.	REC	PLAY
62	1.4	1.4
63	1.7	1.6
64	1.5	1.4
IC1602		
1	0.4	0.4
2	0	0
3	2.2	2.2
4	3.2	3.2
5	3.2	3.2
Q1601		
E	1.7	1.7
C	11.1	11.1
B	5.8	5.8

<VTR ASP>

MODE PIN NO.	REC	PLAY
IC2001		
1	1.5	3.2
2	1.6	0
3	1.6	0
4	1.5	3.2
5	1.6	3.2
6	1.5	0
7	0	0
8	1.5	0
9	1.6	3.2
10	1.5	0
11	1.6	3.2
12	1.5	0
13	1.6	3.2
14	3.1	3.2
IC3501		
1	2.2	2.2
2	2.2	2.5
3	2.2	2.2
4	2.2	2.1
5	2.2	2.5
6	2.2	2.2
7	4.7	4.7
8	2.2	2.1
9	2.2	2.5
10	2.2	2.1
11	2.1	2.1
12	2.2	2.5
13	2.2	2.1
14	0	0
15	3.2	0
16	2.8	1.4
17	4.0	5.2
18	0	0
19	2.8	0
20	2.8	0
21	1.1	2.1
22	0	2.1
23	2.1	2.1
24	4.7	4.7
25	2.8	2.4
26	0	2.9
27	2.5	2.5
28	2.9	2.9

MODE PIN NO.	REC	PLAY
29	0	0
30	1.5	1.5
31	3.2	3.2
32	0.7	0
33	3.2	3.2
34	1.8	1.8
35	1.9	0
36	0	0
37	2.6	2.3
38	3.0	3.0
39	4.7	4.7
40	2.4	2.1
41	2.2	2.1
42	2.9	2.9
43	2.8	2.5
44	2.7	2.4
45	2.4	2.5
46	2.5	2.5
47	0	0
48	2.5	2.5
49	2.5	2.5
50	0	0
51	2.4	2.4
52	2.5	2.4
53	2.5	2.5
54	4.8	4.8
55	2.4	2.5
56	0	1.4
Q2001		
E	3.1	3.2
C	1.5	3.2
B	3.2	0
Q2007		
1(E)	-10.4	0
2(B)	-16.2	0.7
3(C)	0	0
4(E)	-10.4	0
5(B)	-16.2	0.7
6(C)	0	0
Q2008		
1(E)	3.1	1.8
2(B)	3.2	1.2
3(C)	3.2	1.2
4(E)	3.1	1.8
5(B)	3.2	1.2
6(C)	-16.4	0.8
Q2021		
E	0	0
C	0.6	0
B	0	0
Q2022		
E	0	0
C	0	0
B	0	0
Q2023		
E	0	0
C	0	0
B	0	0
Q2071		
E	4.5	4.5
C	4.7	4.8
B	4.7	4.8

MODE PIN NO.	REC	PLAY
Q3501		
1(E)	2.2	2.2
2(B)	2.4	2.2
3(C)	2.2	2.2
4(E)	2.2	2.2
5(B)	2.4	2.5
6(C)	2.2	2.2
Q3502		
1(E)	2.2	2.1
2(B)	0	2.2
3(C)	2.2	2.1
4(E)	2.2	2.1
5(B)	2.3	2.2
6(C)	2.2	2.1
Q3505		
E	0	0
C	2.8	0
B	0	2.7
Q3901		
1(E)	4.6	4.7
2(B)	0	4.9
3(C)	3.9	4.9
4(E)	0	0
5(B)	3.9	4.9
6(C)	0	0

<SPEAKER>

MODE PIN NO.	REC	PLAY
IC2401		
1	2.9	2.9
2	1.2	1.2
3	1.2	1.2
4	0	1.3
5	1.3	1.3
6	3.2	3.2
7	0	0
8	1.3	1.3
Q2401		
E	0	0
C	2.9	2.9
B	0	0

<DSP>

MODE PIN NO.	REC	PLAY
IC4001		
1	3.2	3.2
2	0	1.2
3	0	0
4	1.6	1.6
5	3.2	3.2
6	3.2	3.2
7	1.4	1.4
8	1.4	1.4
9	1.4	1.4
10	3.2	3.2
11	1.4	1.5
12	1.4	1.6
13	1.4	1.5

MODE PIN NO.	REC	PLAY
14	1.4	1.6
15	0	0
16	1.4	1.5
17	1.4	1.5
18	1.5	1.5
19	1.8	1.8
20	1.4	1.5
21	1.4	1.5
22	1.4	1.5
23	1.4	1.5
24	1.4	1.5
25	1.4	1.6
26	0	0
27	1.8	1.8
28	0	0
29	0	0
30	1.6	1.6
31	0	0.6
32	3.0	3.0
33	1.8	1.8
34	3.1	3.1
35	0	0
36	3.1	3.1
37	0	0
38	2.5	0
39	1.2	1.6
40	1.2	1.6
41	3.2	3.2
42	1.2	1.6
43	1.2	1.6
44	1.9	1.6
45	1.5	1.6
46	1.6	1.6
47	0.6	1.6
48	0	0
49	1.1	1.4
50	1.2	1.4
51	1.2	1.5
52	1.6	1.5
53	1.5	1.5
54	1.6	1.6
55	0	0
56	0	0
57	0	0
58	3.2	3.2
59	1.5	1.5
60	1.5	1.5
61	1.4	1.7
62	1.3	1.5
63	1.5	1.7
64	1.7	1.5
65	1.7	1.8
66	0.9	0.9
67	1.4	1.7
68	1.4	1.7
69	0	0
70	1.8	1.8
71	1.4	1.7
72	1.6	1.6
73	1.2	1.4
74	1.2	1.3
75	1.2	1.5

MODE PIN NO.	REC	PLAY
76	1.8	1.8
77	1.2	1.2
78	1.3	1.5
79	1.5	1.5
80	1.5	1.5
81	0.7	0.6
82	0	0
83	1.8	1.8
84	1.1	1.5
85	1.1	1.5
86	1.2	1.6
87	1.6	1.5
88	1.5	1.4
89	0	0
90	0	0
91	0	0
92	3.0	3.0
93	0	0
94	3.2	3.2
95	2.7	2.7
96	2.8	2.7
97	2.8	2.7
98	3.2	3.2
99	0	0
100	0	1.5
101	0.6	1.7
102	1.6	1.6
103	1.0	1.5
104	0	0
105	1.9	1.5
106	1.1	1.5
107	1.1	1.5
108	1.2	1.5
109	1.2	1.5
110	1.2	1.5
111	3.2	3.2
112	1.4	1.6
113	2.9	0
114	3.1	0
115	0	0
116	0	0
117	0	0
118	1.5	1.5
119	0	0
120	0	0
121	1.5	1.6
122	1.5	1.5
123	1.8	1.8
124	3.2	3.2
125	3.2	3.2
126	0.7	0
127	0	0
128	1.8	1.8
129	1.6	1.6
130	1.5	1.5
131	1.5	1.5
132	1.5	1.5
133	1.8	1.8
134	1.5	1.5
135	3.0	3.0
136	0	0
137	1.6	1.5

MODE PIN NO.	REC	PLAY
138	1.6	1.5
139	0	3.2
140	3.2	3.2
141	-	-
142	3.1	3.1
143	0	0
144	3.1	3.1
145	0	0
146	0.4	0.4
147	0.8	0.8
148	0.7	0.7
149	0.7	0.7
150	2.4	2.4
151	0	0
152	3.1	3.1
153	0	0
154	0	0
155	3.1	3.1
156	0	0
157	2.4	2.4
158	0.7	0.7
159	0.7	0.7
160	0.6	0.5
161	0.6	0.6
162	0	0
163	3.1	3.1
164	0	0
165	0	0
166	3.1	3.1
167	0	0
168	0.8	0.9
169	0.8	0.8
170	0.7	0.7
171	0.7	0.7
172	2.4	2.4
173	0	0
174	3.1	3.1
175	0	0
176	0	0
177	3.2	3.2
178	1.5	1.5
179	0	0
180	1.5	1.5
181	3.2	3.2
182	0	0
183	3.1	3.1
184	3.0	3.0
185	1.3	1.2
186	0	0
187	0	0
188	0	0
189	0	0
190	1.8	1.8
191	0	0
192	20	0
193	0	0
194	0	0
195	0	0
196	0	0
197	0	0
198	0	0
199	0	0

MODE PIN NO.	REC	PLAY
200	3.2	3.2
201	0	0
202	0	0
203	0	0
204	1.8	1.8
205	0	0
206	3.1	3.1
207	0	0
208	2.4	2.4
209	0.7	0.7
210	0.7	0.7
211	0.6	0
212	0	0
213	0	0
214	3.1	3.1
215	0	0
216	0	0
217	3.1	3.1
218	0	0
219	1.6	1.6
220	1.5	1.5
221	1.2	1.2
222	1.6	1.6
223	1.7	1.7
224	0	0
225	3.1	3.1
226	0	0
227	2.5	2.9
228	3.1	1.4
229	2.0	2.0
230	0	0
231	3.2	3.2
232	1.6	1.6
233	0	1.4
234	2.3	2.3
235	1.6	1.6
236	0	0
237	1.4	1.5
238	1.5	1.5
239	1.5	1.5
240	0	0
IC4002		
1	0	0
2	0	0
3	1.5	1.5
4	1.1	1.6
5	1.1	1.5
6	1.1	1.5
7	0.6	0.6
8	1.3	1.3
9	1.3	1.4
10	1.1	1.5
11	1.0	1.1
12	1.1	1.5
13	1.3	1.3
14	1.2	1.3
15	1.5	1.4
16	0	0
17	2.7	2.7
18	3.0	3.0
19	3.2	3.2
20	0	0

MODE PIN NO.	REC	PLAY
21	3.2	3.2
22	2.8	2.7
23	2.7	2.7
24	0	0
25	1.5	1.4
26	1.4	1.5
27	1.5	1.5
28	1.4	1.6
29	1.3	1.3
30	1.4	1.5
31	1.5	1.5
32	1.7	1.6
33	0.8	0.9
34	1.3	1.8
35	1.4	1.9
36	1.4	1.8
37	1.6	1.8
38	0	0
IC4003		
1	3.1	3.1
2	2.5	2.5
3	2.9	2.7
4	3.2	3.2
5	3.2	3.2
6	0	0
7	1.3	1.3
8	1.3	1.3
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	3.1	3.1
20	3.0	2.9
Q4001		
E	0	0
C	0	0
B	0	0

<F/Z/MDA>

MODE PIN NO.	REC	PLAY
IC4201		
1	2.2	0.5
2	1.9	1.9
3	1.9	1.9
4	4.8	4.8
5	1.9	1.9
6	1.9	1.9
7	1.9	1.9
8	1.6	1.6
9	1.9	1.9
10	1.9	1.9
11	0	0
12	1.9	1.9
13	1.9	1.9
14	2.5	2.5

MODE PIN NO.	REC	PLAY
IC4202		
1	1.8	3.6
2	1.5	0.4
3	1.4	0.4
4	4.8	4.8
5	2.1	0
6	2.1	0.5
7	1.2	0
8	0	0.9
9	0	0
10	0	0
11	0	0
12	1.9	1.9
13	1.9	1.9
14	1.9	1.9
IC4501		
1	0	0
2	0.8	0.8
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	3.2	3.2
9	4.8	4.8
10	0.6	2.2
11	0	0
12	0.6	2.2
13	4.8	4.8
14	0.6	0.8
15	0	0
16	0.6	3.6
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	4.8	4.8
24	1.0	0.8
25	0	0
26	1.0	0.8
27	4.8	4.8
28	1.0	0.7
29	0	0
30	1.0	0.7
31	0	0
32	0	0
33	0	0
34	0.7	0
35	3.2	3.2
36	1.6	1.6
37	1.5	1.5
38	3.2	3.2
Q4201		
E	0	0
C	1.3	1.3
B	0.9	0.9
Q4202		
E	1.3	2.9
C	4.8	4.8
B	2.0	3.6

MODE PIN NO.	REC	PLAY
Q4251		
E	0	0
C	4.5	4.5
B	-	-
Q4501		
E	0	0
C	4.2	4.2
B	0	0

<V OUT>

MODE PIN NO.	REC	PLAY
IC4701	-	-
IC4702		
1	0	0
2	2.3	2.4
3	0	0
4	0	0
5	0	0
6	0	0
7	1.9	1.9
8	0	0
9	2.3	2.3
10	0	0
11	2.2	2.1
12	2.4	2.4
13	4.7	4.8
14	1.9	1.9
15	2.0	2.0
16	4.7	4.8
Q4701		
E	1.1	1.1
C	0	0
B	0.5	0.5
Q4702		
E	1.2	1.2
C	0	0
B	0.5	0.5

<TG/CDS>

MODE PIN NO.	REC	PLAY
IC5201		
1	0	0
2	1.2	1.5
3	1.2	1.5
4	1.1	1.5
5	1.0	1.5
6	1.0	1.5
7	2.0	1.5
8	1.0	1.5
9	1.3	1.5
10	0.6	1.6
11	0	1.5
12	0	0
13	0	0
14	0	0
15	3.0	3.1
16	1.6	1.5
17	3.0	0

MODE PIN NO.	REC	PLAY
18	2.8	0
19	2.7	0
20	2.5	0
21	0	0
22	0	0
23	3.0	3.1
24	0	0
25	0	0
26	2.0	0
27	1.5	1.5
28	2.0	0
29	2.0	0
30	0	0
31	3.0	3.1
32	2.0	2.0
33	1.0	1.0
34	1.5	1.5
35	1.2	1.2
36	0	0
37	0	0
38	3.1	3.2
39	0	1.0
40	0	0
41	3.0	3.1
42	0	0
43	3.2	3.2
44	3.1	3.1
45	0.7	0
46	3.0	3.1
47	0	0
48	0	0
IC5202		
1	3.0	3.1
2	3.0	3.1
3	1.5	1.6
4	3.0	0
5	3.0	0
6	2.5	0
7	0	0
8	1.5	1.5
9	3.0	3.1
10	1.5	1.6
11	1.2	1.2
12	1.4	1.6
13	3.0	3.1
14	0	0
15	2.6	0
16	2.6	0
17	2.6	0
18	2.6	0
19	3.0	3.1
20	3.0	3.1
21	1.7	0
22	1.5	0
23	0	0
24	0	2.8
25	0	0
26	0	0
27	0	0
28	0	0
29	-7.8	0
30	0	14.9

MODE PIN NO.	REC	PLAY
31	14.9	14.9
32	-7.8	14.9
33	-8.3	14.9
34	-8.3	-8.4
35	0	0
36	0	0
37	0	0
38	0	0
39	3.2	3.2
40	0.7	0
41	0	0
42	3.0	3.1
43	0	0
44	3.0	3.1
45	0	0
46	3.2	0
47	2.9	0
48	3.1	0

<REG>

MODE PIN NO.	REC	PLAY
IC6001		
1	3.2	3.2
2	3.2	3.2
3	3.2	3.2
4	-	-
5	0	0
6	11.1	11.1
7	1.0	1.0
8	1.2	1.3
9	2.2	2.2
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	2.2	2.2
17	0	0
18	2.2	2.2
19	1.0	1.0
20	0.7	0.7
21	1.0	1.0
22	0.5	0.5
23	1.0	1.0
24	0.8	0.8
25	1.0	1.0
26	0.6	0.6
27	0.8	0.8
28	0	0
29	1.0	1.0
30	0	0
31	2.4	2.4
32	1.1	1.1
33	0	0
34	2.2	2.2
35	2.2	2.2
36	2.2	2.2
37	8.0	8.0
38	0	0

MODE PIN NO.	REC	PLAY
39	11.1	11.1
40	8.1	8.1
41	6.2	6.2
42	9.1	9.1
43	7.8	7.8
44	0	0
45	11.1	11.1
46	0	0
47	0	0
48	3.3	3.3
IC6801		
1	3.3	3.3
2	0	0
3	0	0
4	11.0	11.0
5	11.1	11.0
Q6101		
1	7.8	7.8
2	11.1	11.1
3	0	0
4	3.2	3.2
5	3.2	3.2
Q6201		
1	9.1	9.1
2	11.1	11.1
3	0	0
4	1.8	1.8
5	1.8	1.8
Q6301		
1	6.1	6.1
2	11.1	11.1
3	8.1	8.1
4	0	0
5	11.1	11.1
6	4.8	4.8
Q6306		
D	0	0
S	0	0
G	0.7	0.5
Q6401		
1	10.0	10.0
2	11.1	11.1
3	0	0
4	3.4	3.4
5	3.4	3.4
Q6501		
1	10.3	10.3
2	11.1	11.1
3	0	0
4	1.7	1.7
5	1.7	1.7
Q6608		
E	0	0
C	14.9	14.9
B	-0.9	-0.9
Q6701		
1	0	0
2	0	0
3	11.1	11.1
4	11.1	11.1
5	0	0
6	0	0

MODE PIN NO.	REC	PLAY
Q6702		
E	0	0
C	0	0
B	0	0
Q6802		
E	3.3	3.3
C	3.3	3.3
B	0	0
Q6811		
E	1.4	1.4
C	0	0
B	0.8	0.8

<LCD/CFV>

MODE PIN NO.	REC	PLAY
Q7011	-	-
Q7013		
1(E)	0.8	0.8
2(B)	1.3	1.3
3(C)	4.8	4.8
4(E)	2.3	2.3
5(B)	2.9	2.9
6(C)	-	-
Q7015		
1(E)	0.8	0.8
2(B)	1.3	1.4
3(C)	4.8	4.8
4(E)	2.3	2.3
5(B)	2.9	2.9
6(C)	2.9	2.9

<BW/CFV>

MODE PIN NO.	REC	PLAY
Q7301		
E	0	0
C	0	0
B	0.4	0.4
Q7310		
E	4.8	4.8
C	0	0
B	4.8	4.8
Q7311		
E	0	0
C	4.8	4.8
B	0	0

<CCD>

MODE PIN NO.	EE
IC5301	
1	-7.8
2	0
3	-0.3
4	-0.3
5	0
6	0
7	0
8	0
9	0
10	6.9
11	-8.3
12	8.6
13	1.6
14	1.2
Q5301	
E	0
C	14.9
B	11.2

<MONITOR>

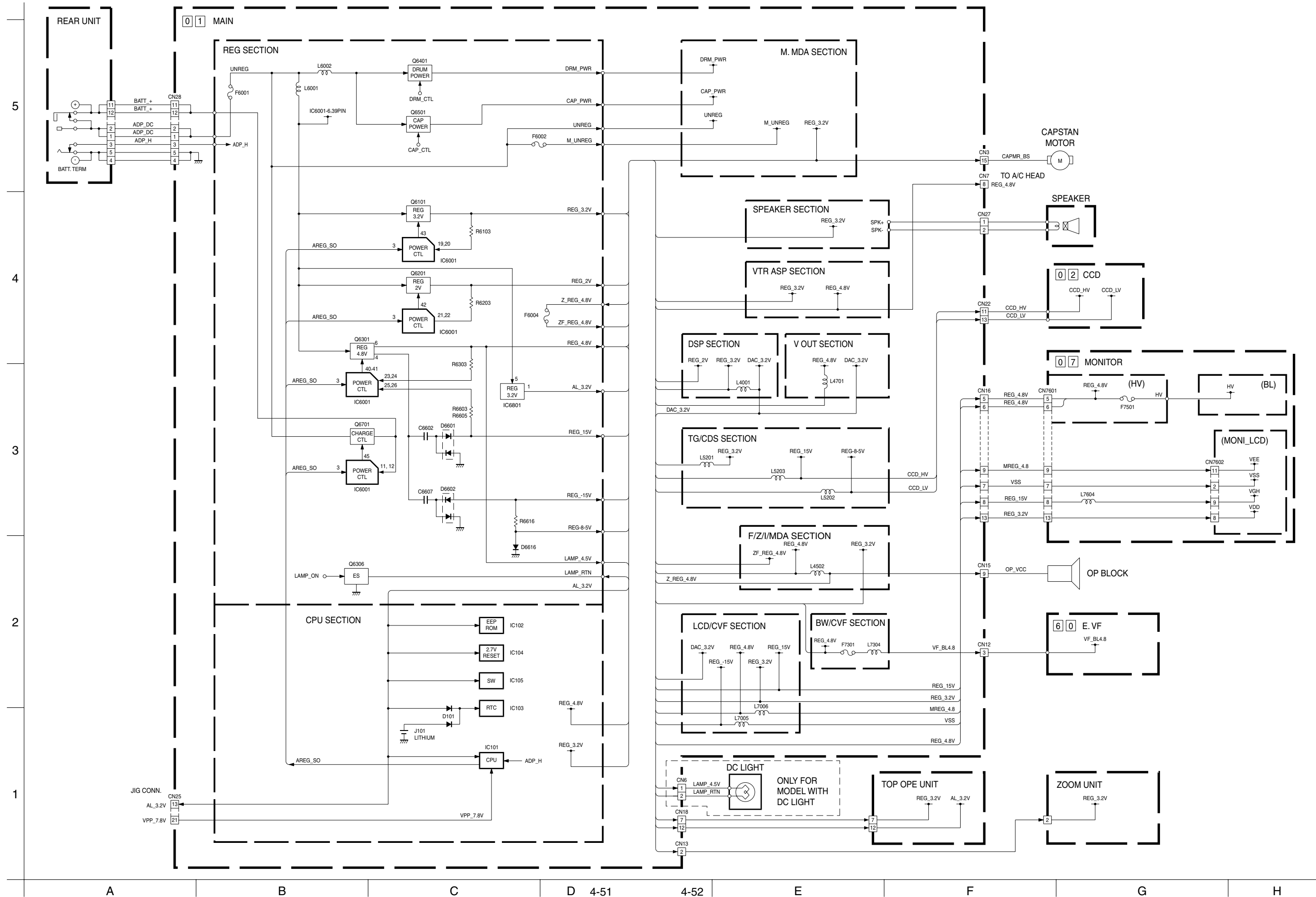
MODE PIN NO.	EE
IC7601	
1	0.8
2	3.0
3	3.2
4	0
5	3.1
6	3.0
7	3.1
8	0
9	0
10	0
11	0
12	0
13	2.5
14	1.6
15	0
16	0
17	0
18	0
19	0
20	0
21	0.4
22	1.6
23	0
24	0
25	1.4
26	0
27	1.4
28	2.5
29	1.4
30	0
31	0
32	3.2
33	1.6
34	0
35	3.2
36	1.5
37	1.5
38	0
39	3.2
40	0
41	3.2
42	0
43	3.2
44	0
45	3.2
46	0
47	3.2
48	0
IC7602	
1	6.0
2	6.0
3	6.0
4	0
5	1.6
6	1.6
7	9.8
8	12.1
IC7603	-

MODE PIN NO.	EE
Q7501	
E	0
C	4.4
B	0.4
Q7502	
E	0
C	4.4
B	0.4
Q7503	
E	4.5
C	4.5
B	0
Q7504	
E	0
C	0
B	3.2
Q7601	
E	-8.7
C	0
B	0
Q7602	
E	-8.0
C	-14.7
B	-8.3
Q7603	
E	-8.4
C	-1.8
B	-8.0
Q7604	
E	-8.4
C	0
B	-8.7
Q7606	
E	3.2
C	-13.0
B	2.5
Q7607	
E	0
C	0
B	2.5

<E.VF>

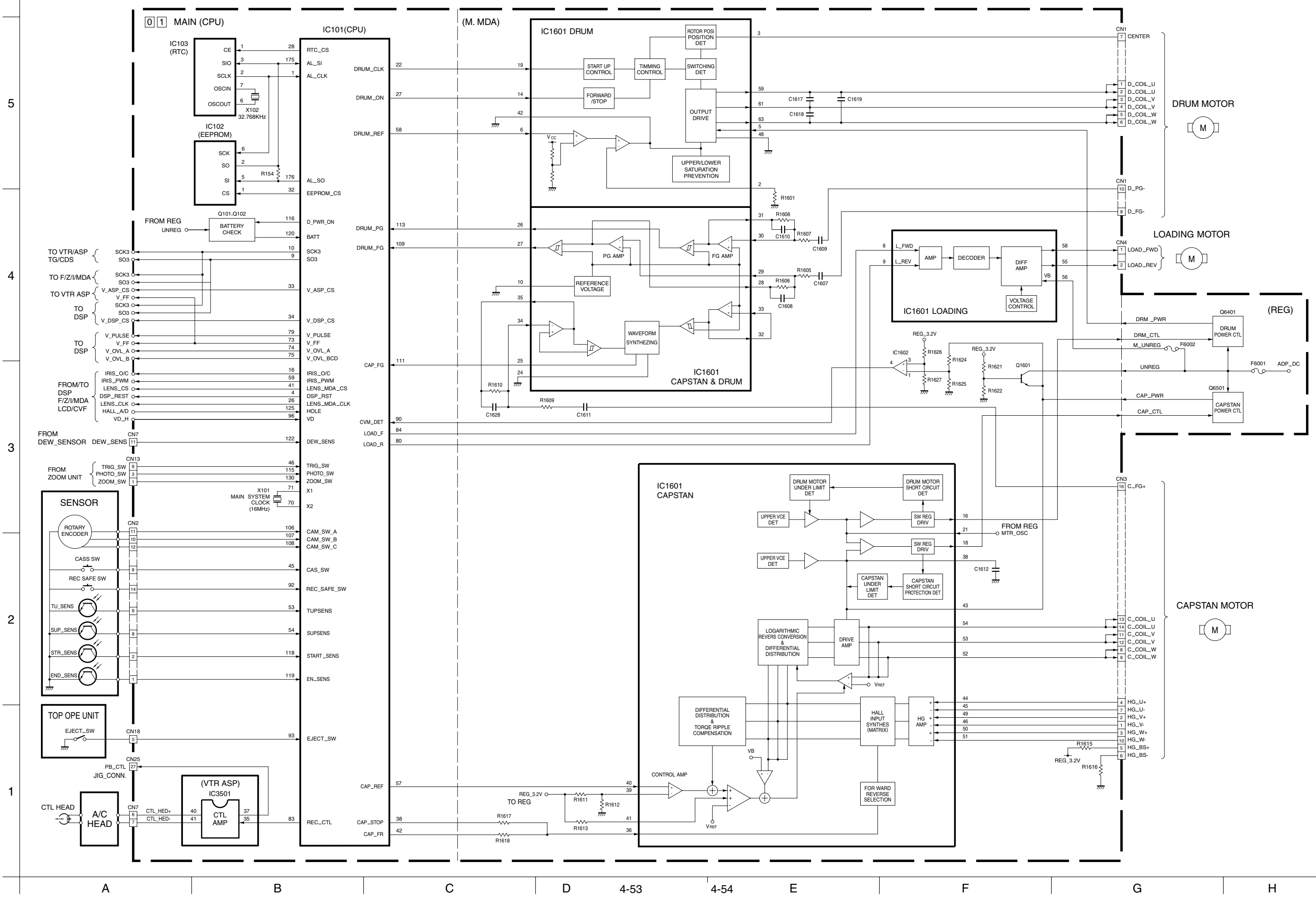
MODE PIN NO.	EE
IC7001	
1	2.1
2	4.9
3	2.0
4	0
5	2.1
6	1.3
7	2.0
8	6.0
9	4.2
10	0
11	1.9
12	4.5
13	2.8
14	1.7
15	1.8
16	1.6
Q7001	
E	0
C	4.4
B	0.5
Q7002	
E	2.8
C	-24.8
B	2.3
Q7003	
E	-24.0
C	-34.3
B	-24.6

### 4.24 POWER SYSTEM BLOCK DIAGRAM

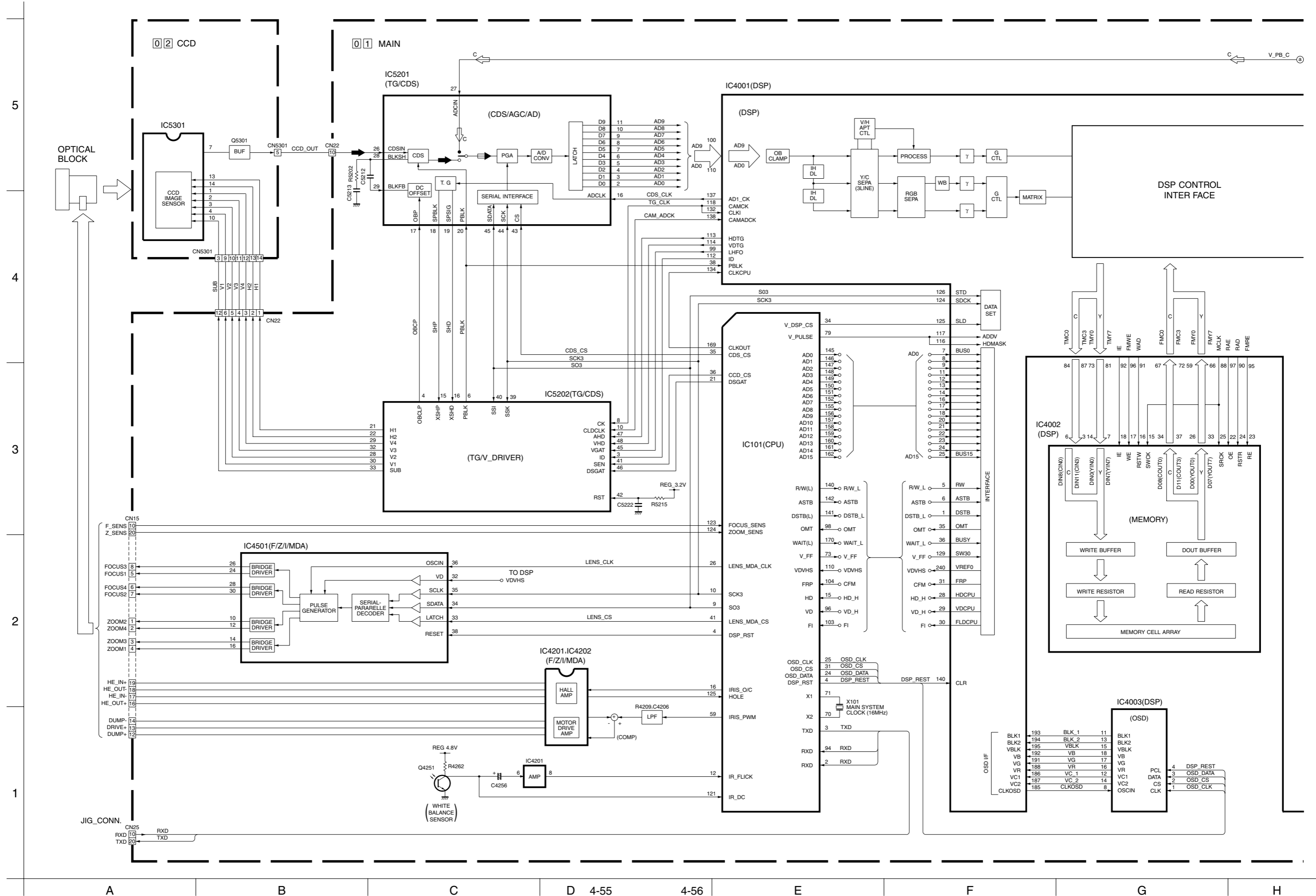


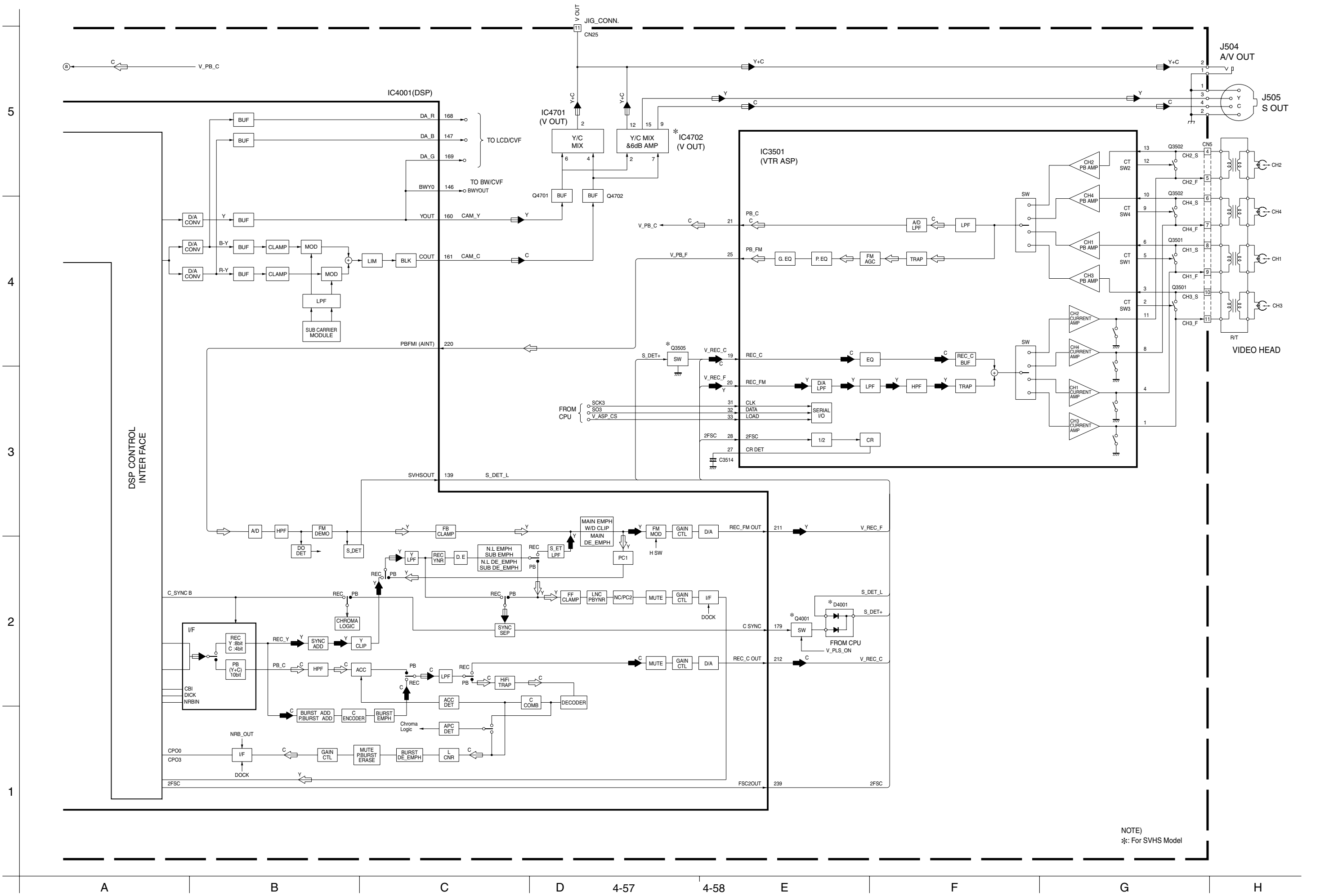


# 4.25 CPU/MDA SYSTEM BLOCK DIAGRAM



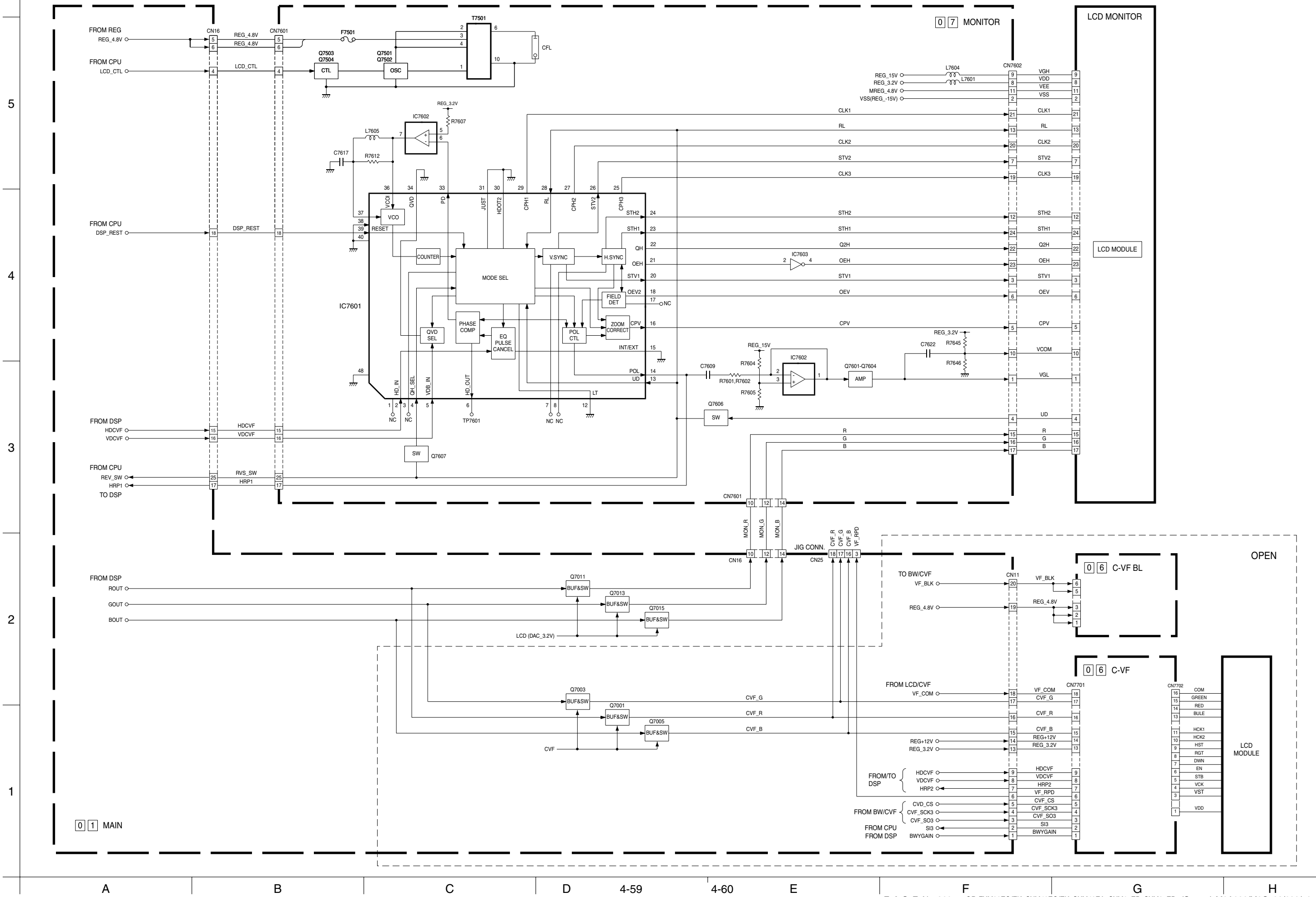
4.26 CAMERA AND Y/C SYSTEM BLOCK DIAGRAM





NOTE)  
 \* : For SVHS Model

### 4.27 MONITOR SYSTEM BLOCK DIAGRAM



5  
4  
3  
2  
1

A B C D 4-59 4-60 E F G H