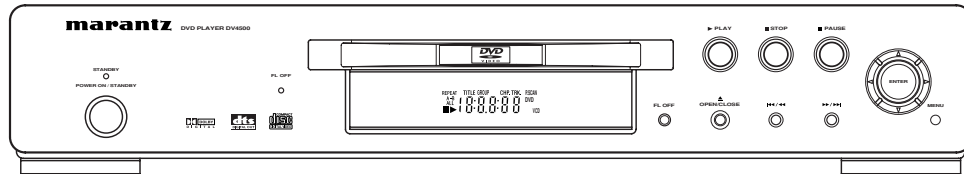


# Service Manual

DV4500 /N1B/N1S

DVD Player



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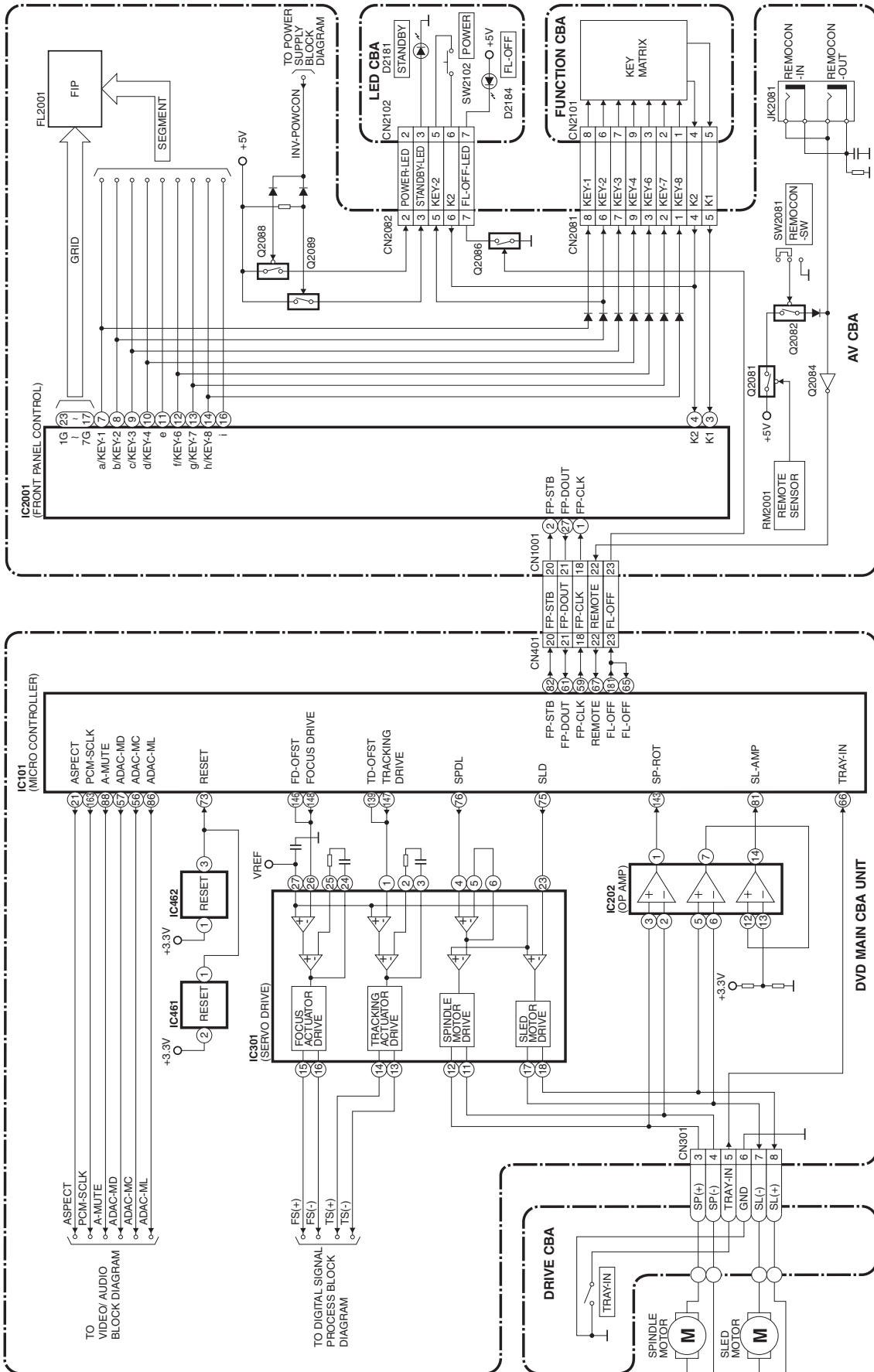
Please use this service manual with referring to the user guide (D.F.U) without fail.  
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

# marantz®

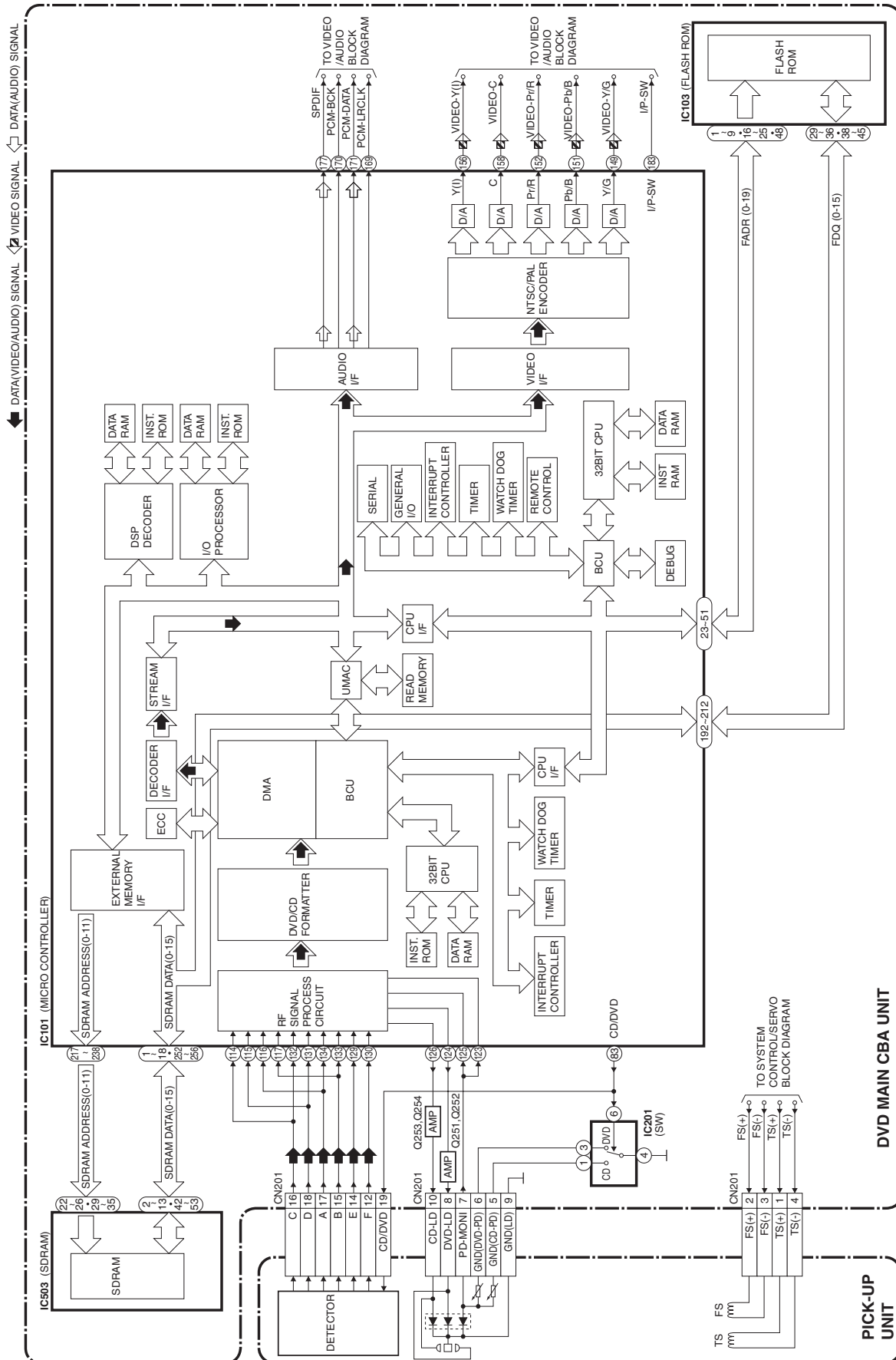
## DV4500

# BLOCK DIAGRAMS

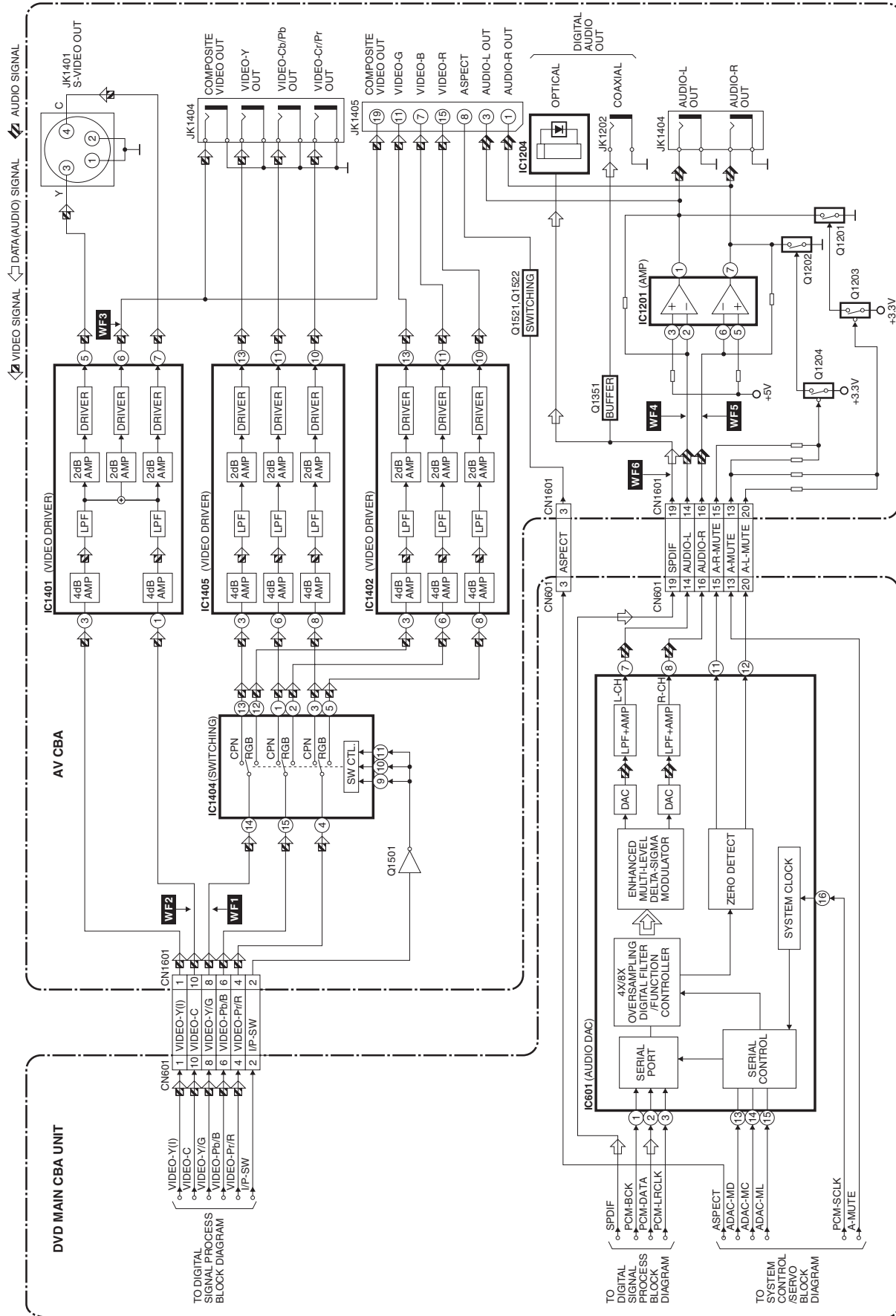
## System Control / Servo Block Diagram



# Digital Signal Process Block Diagram



# Video / Audio Block Diagram

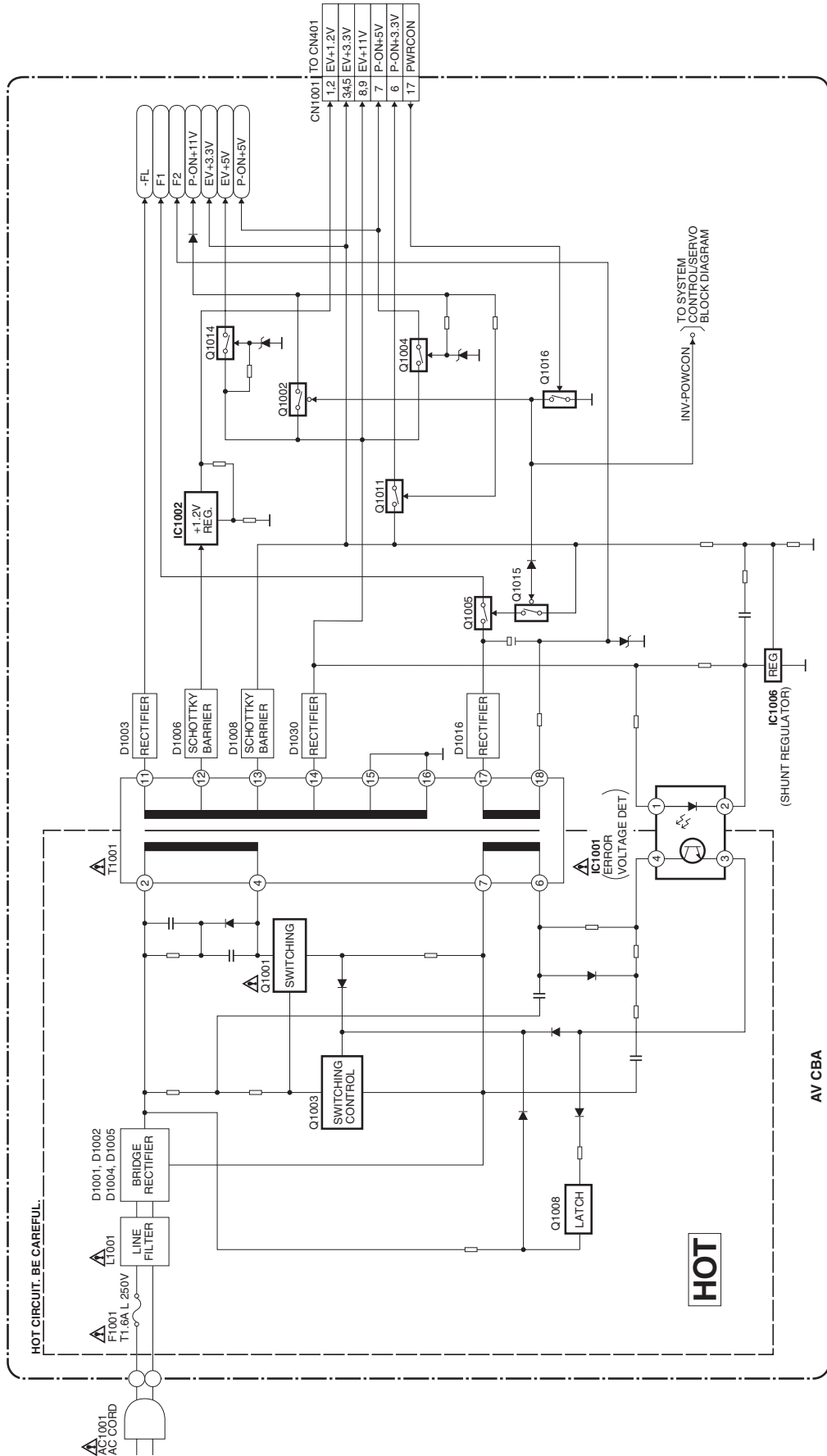


# Power Supply Block Diagram

**CAUTION !**  
Fixed voltage ( or Auto voltage selectable ) power supply circuit is used in this unit.  
If Main Fuse (F1001) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply.  
Otherwise it may cause some components in the power supply circuit to fail.

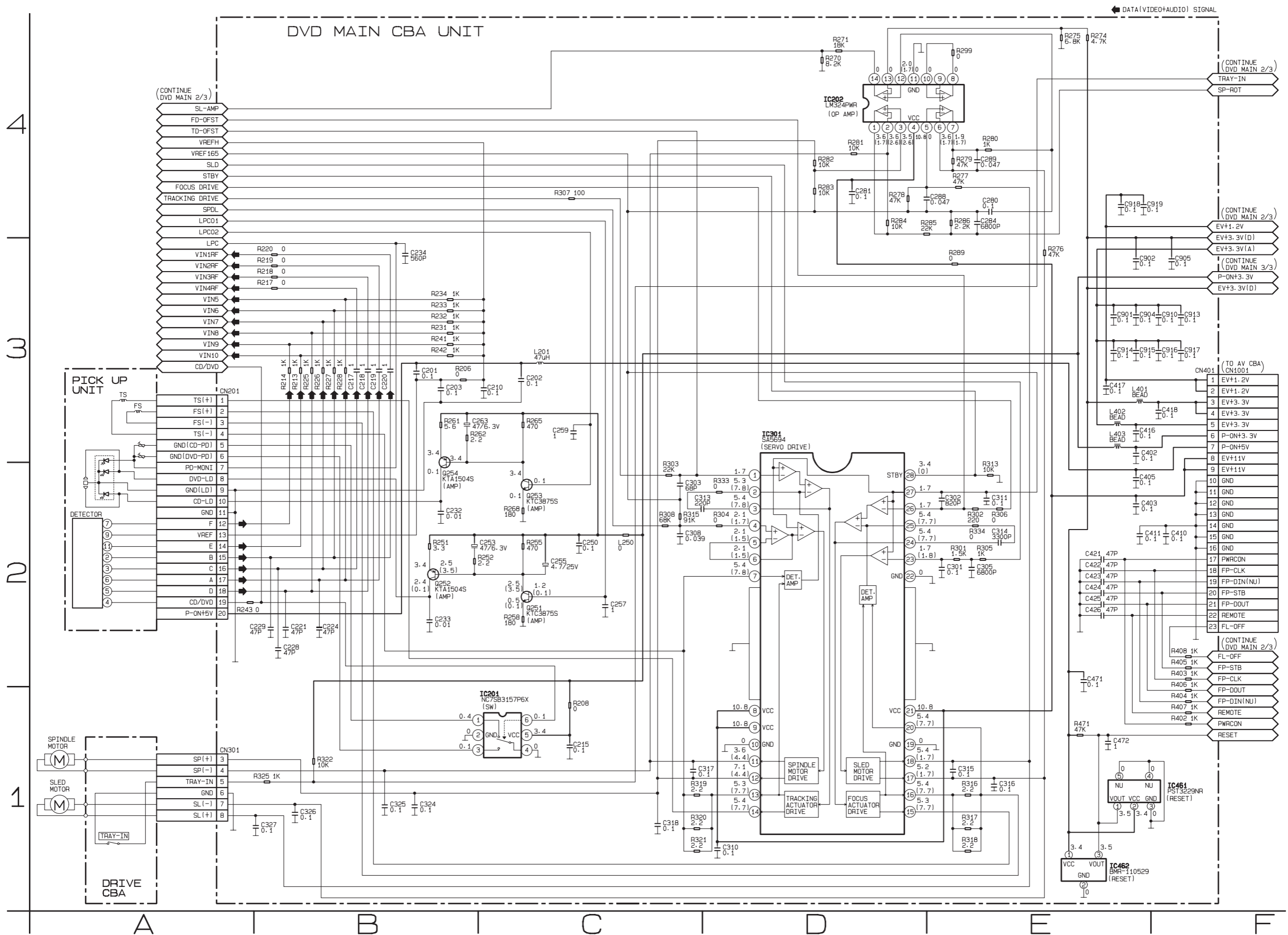
**CAUTION**  
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,  
REPLACE ONLY WITH THE SAME TYPE FUSE.

**NOTE :**  
The voltage for parts in hot circuit is measured using  
hot GND as a common terminal.

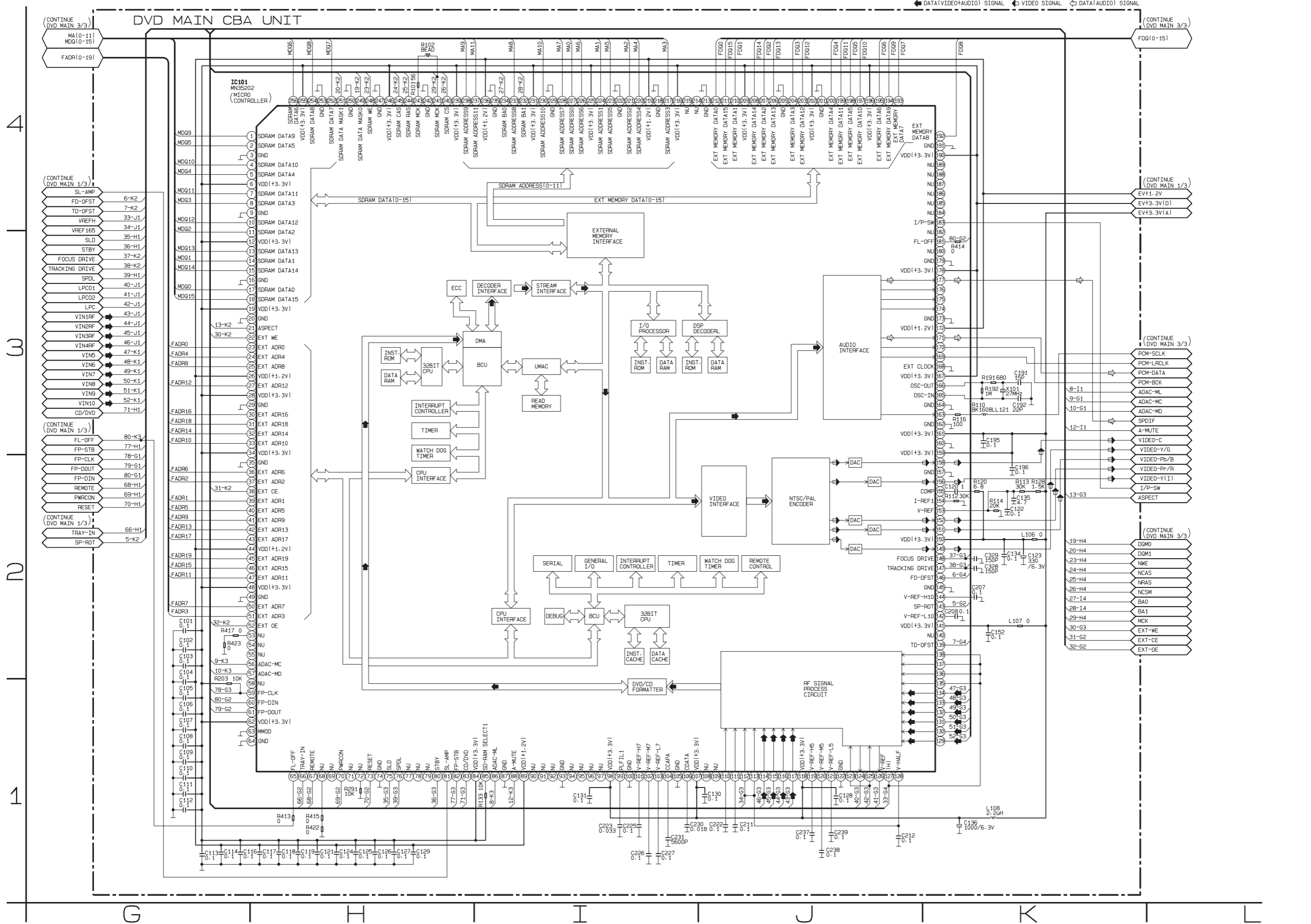


AV CBA

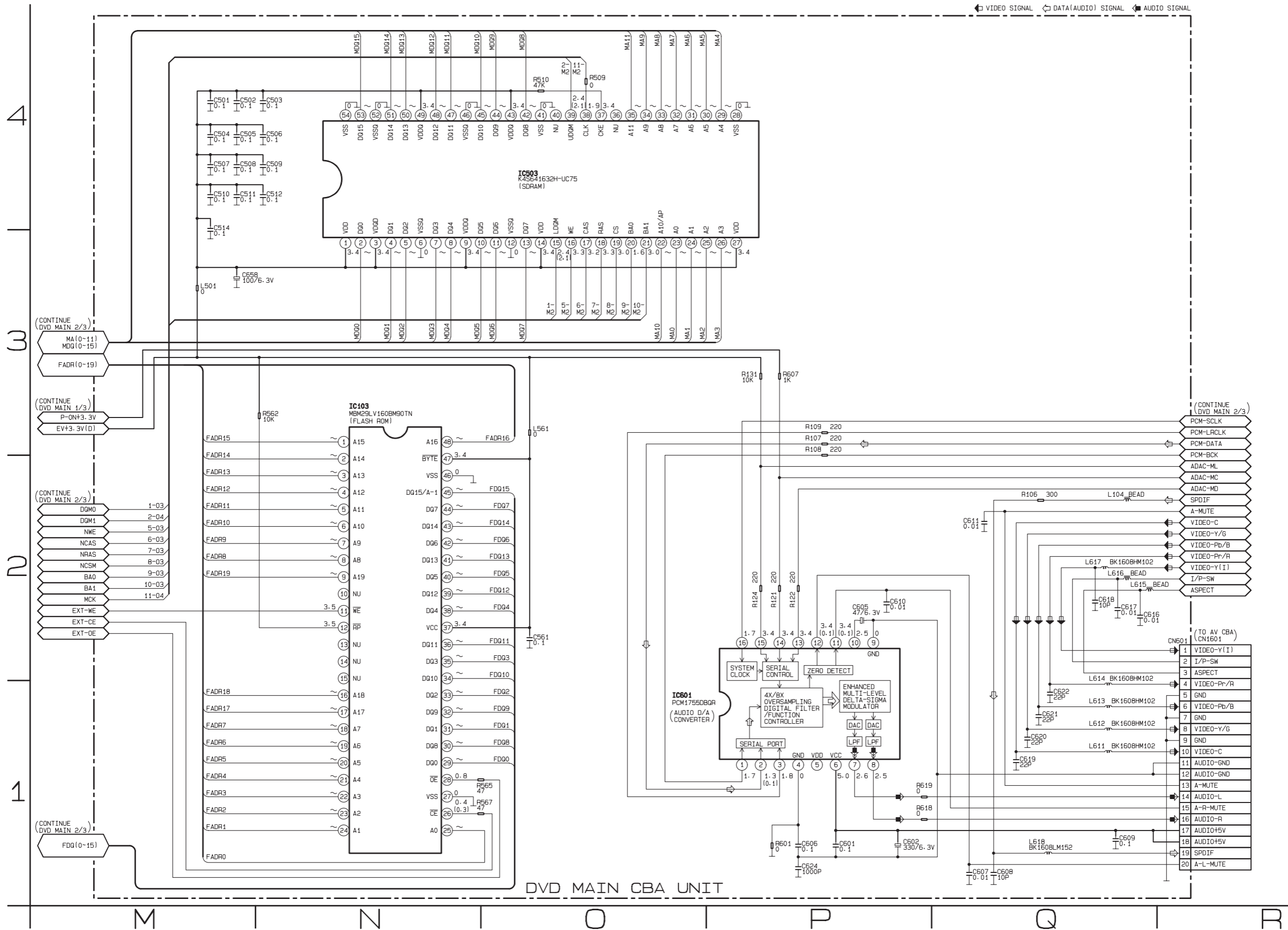
# DVD Main 1/3 Schematic Diagram



# DVD Main 2/3 Schematic Diagram



# DVD Main 3/3 Schematic Diagram



DVD MAIN CBA UNIT



# AV 1/3 Schematic Diagram

## CAUTION !

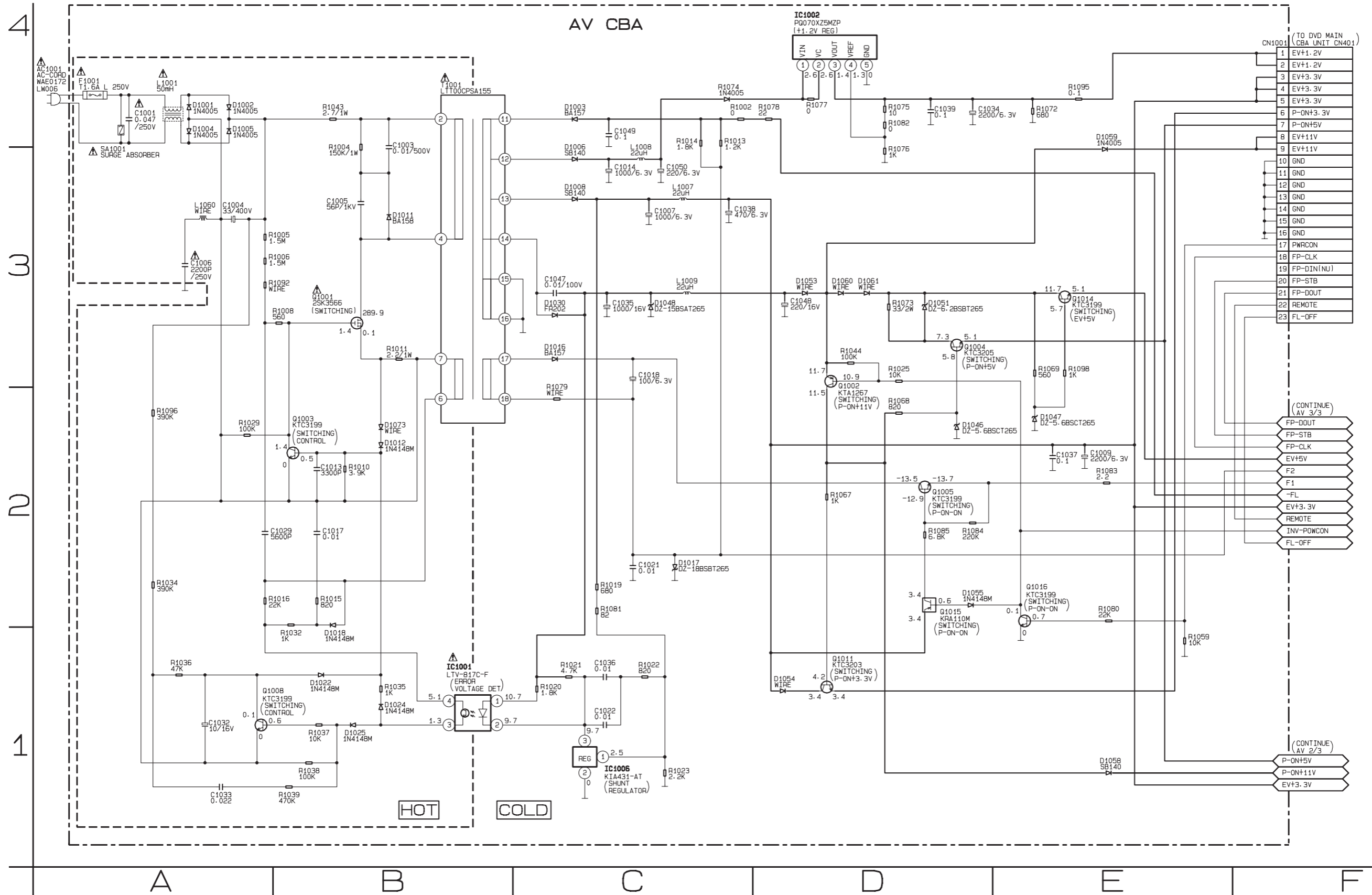
Fixed voltage ( or Auto voltage selectable ) power supply circuit is used in this unit.  
If Main Fuse (F1001) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply.  
Otherwise it may cause some components in the power supply circuit to fail.

## CAUTION

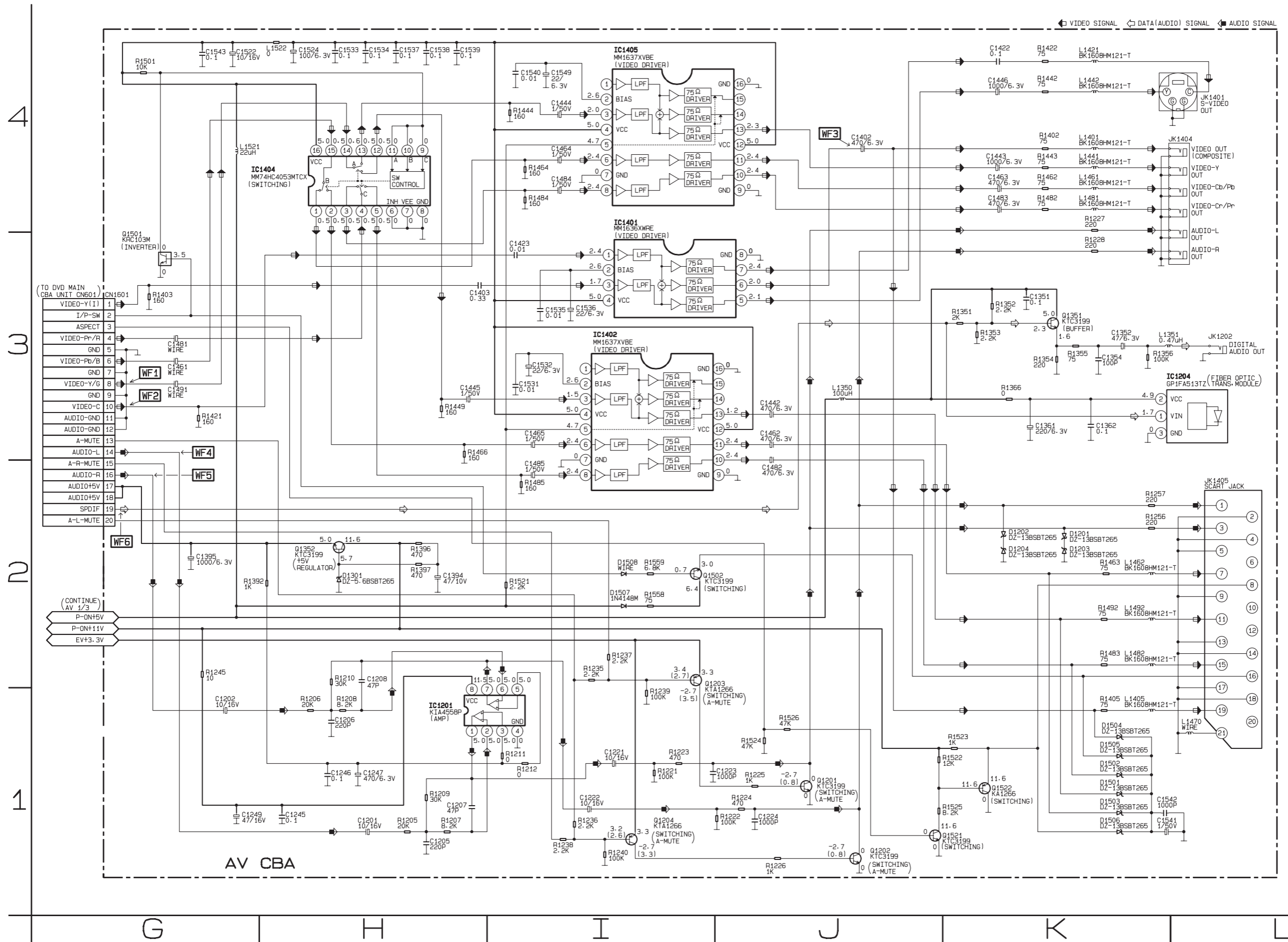
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,  
REPLACE ONLY WITH THE SAME TYPE FUSE.

## NOTE :

THE VOLTAGE FOR PARTS IN HOT CIRCUIT IS MEASURED USING  
HOT GND AS A COMMON TERMINAL.



# AV 2/3 Schematic Diagram



# AV 3/3, Function & LED Schematic Diagram

FL2001 MATRIX CHART

	7G	6G	5G	4G	3G	2G	1G
a	∞	a	a	a	a	a	SACD
b	REPEAT	b	b	b	b	b	PSCAN
c	A-	c	c	c	c	c	DVD
d	B	d	d	d	d	d	A
e	ALL	e	e	e	e	e	P
f	f	f	f	f	f	f	M
g	▶	g	g	g	g	g	HD
h	■	GROUP	CHP	TRK.	V		
i	i	TITLE VCR	.	REC	CD		

