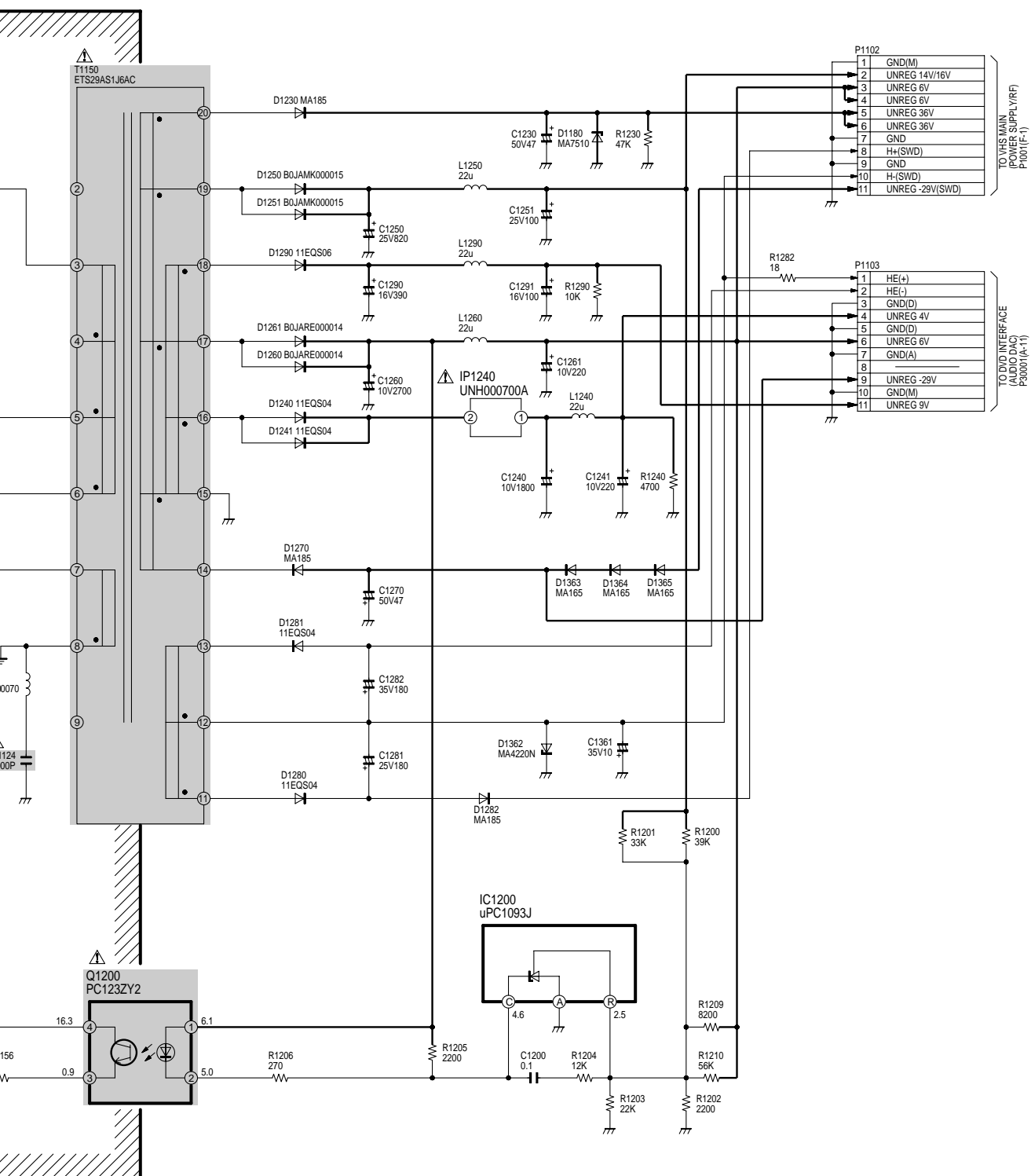


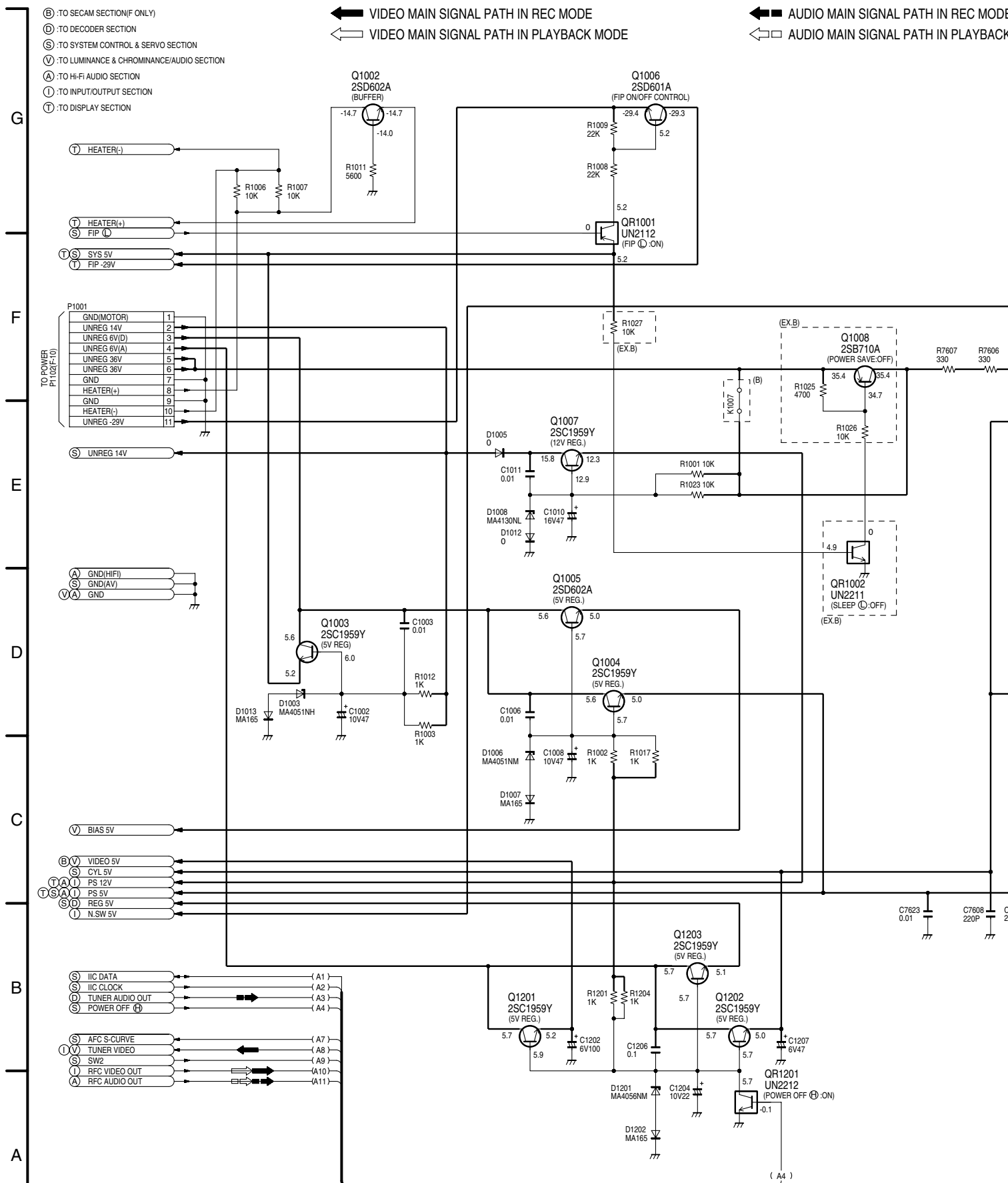
CAUTION THE STRIPED FRAME INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
 PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.





NV-VHD1B/EC/EE/F
POWER SCHEMATIC DIAGRAM

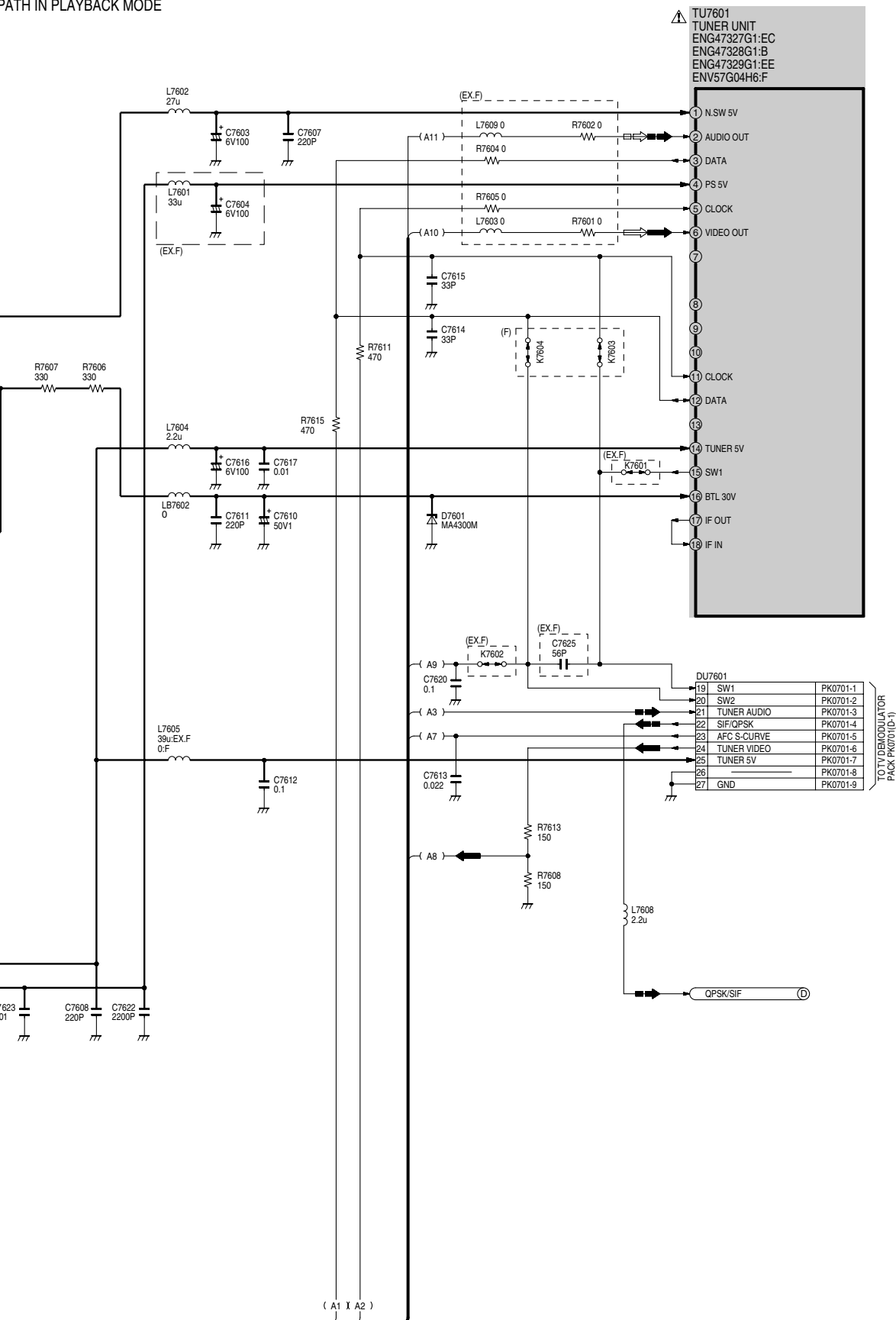
15.2. POWER SUPPLY/RF SECTION IN MAIN SCHEMATIC DIAGRAM



IMPORTANT SAFETY NOTICE:
 COMPONENTS IDENTIFIED WITH THE MARK HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
 WHEN REPLACING ANY OF THESE COMPONENTS,USE ONLY THE SAME TYPE.

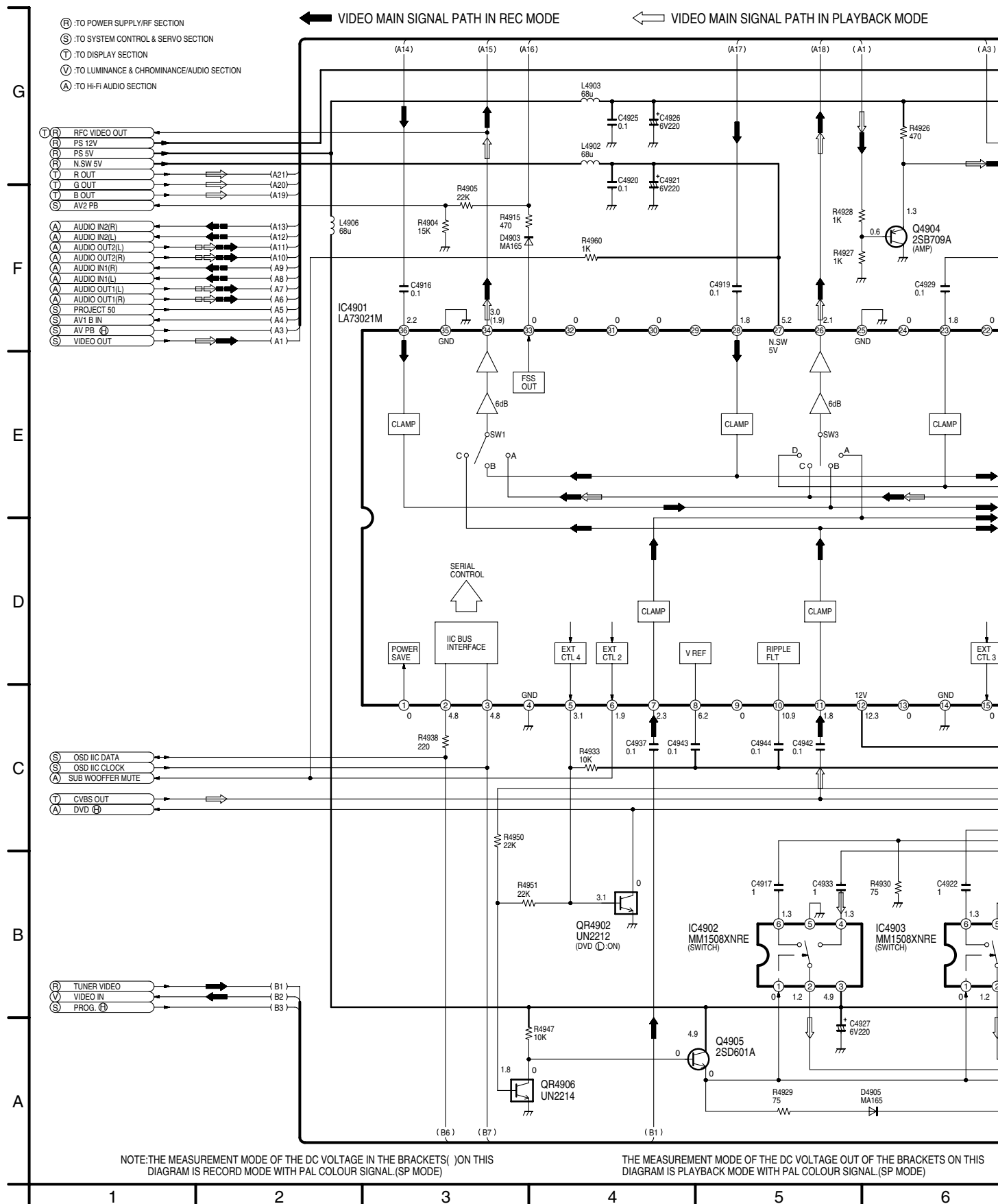
NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE

PATH IN REC MODE
PATH IN PLAYBACK MODE



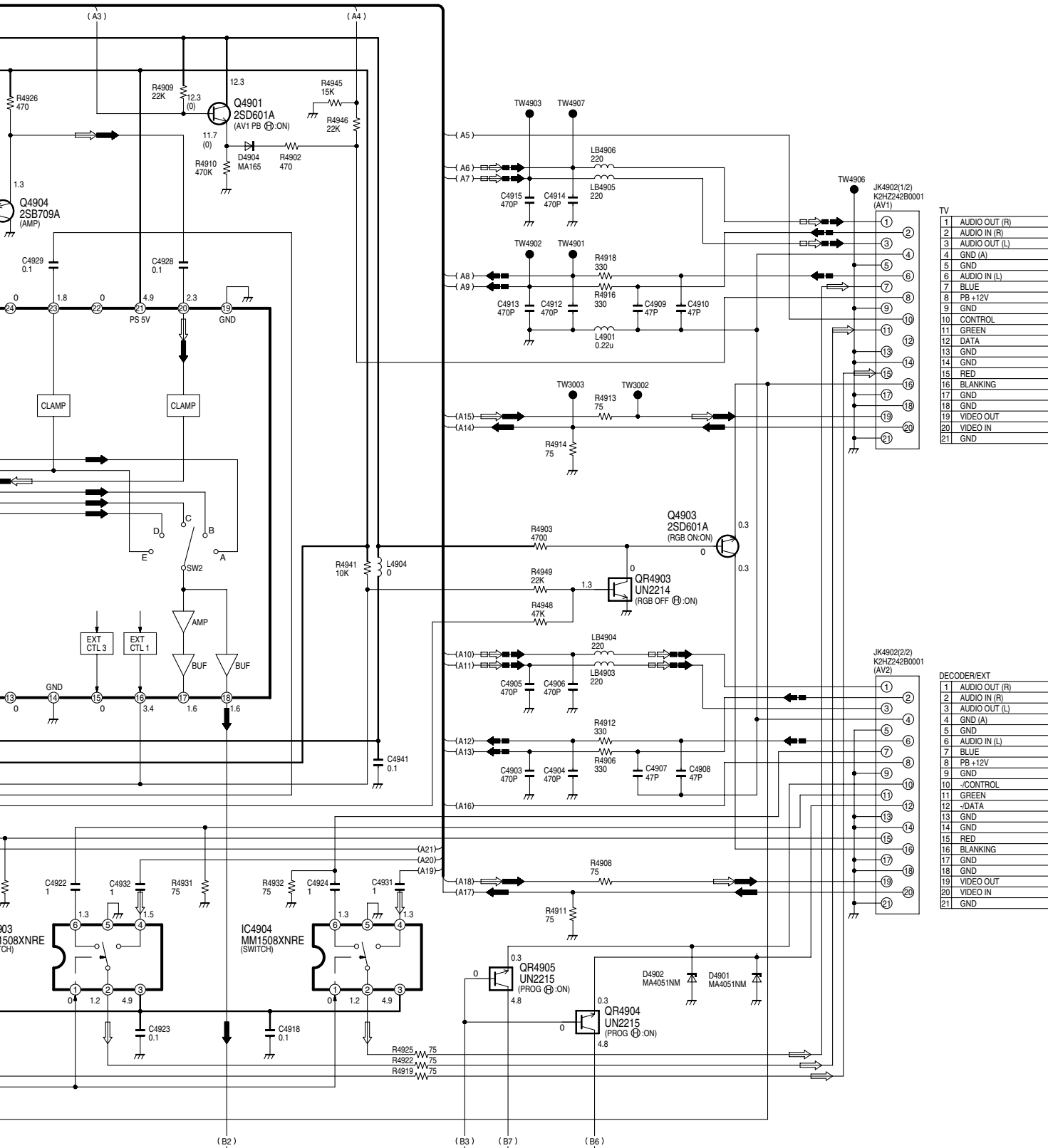
NV-VHD1B/EC/EE/F
POWER SUPPLY/RF
SECTION IN MAIN SCHEMATIC DIAGRAM

15.3. INPUT/OUTPUT SECTION IN MAIN SCHEMATIC DIAGRAM



MODE ← AUDIO MAIN SIGNAL PATH IN REC MODE

← AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



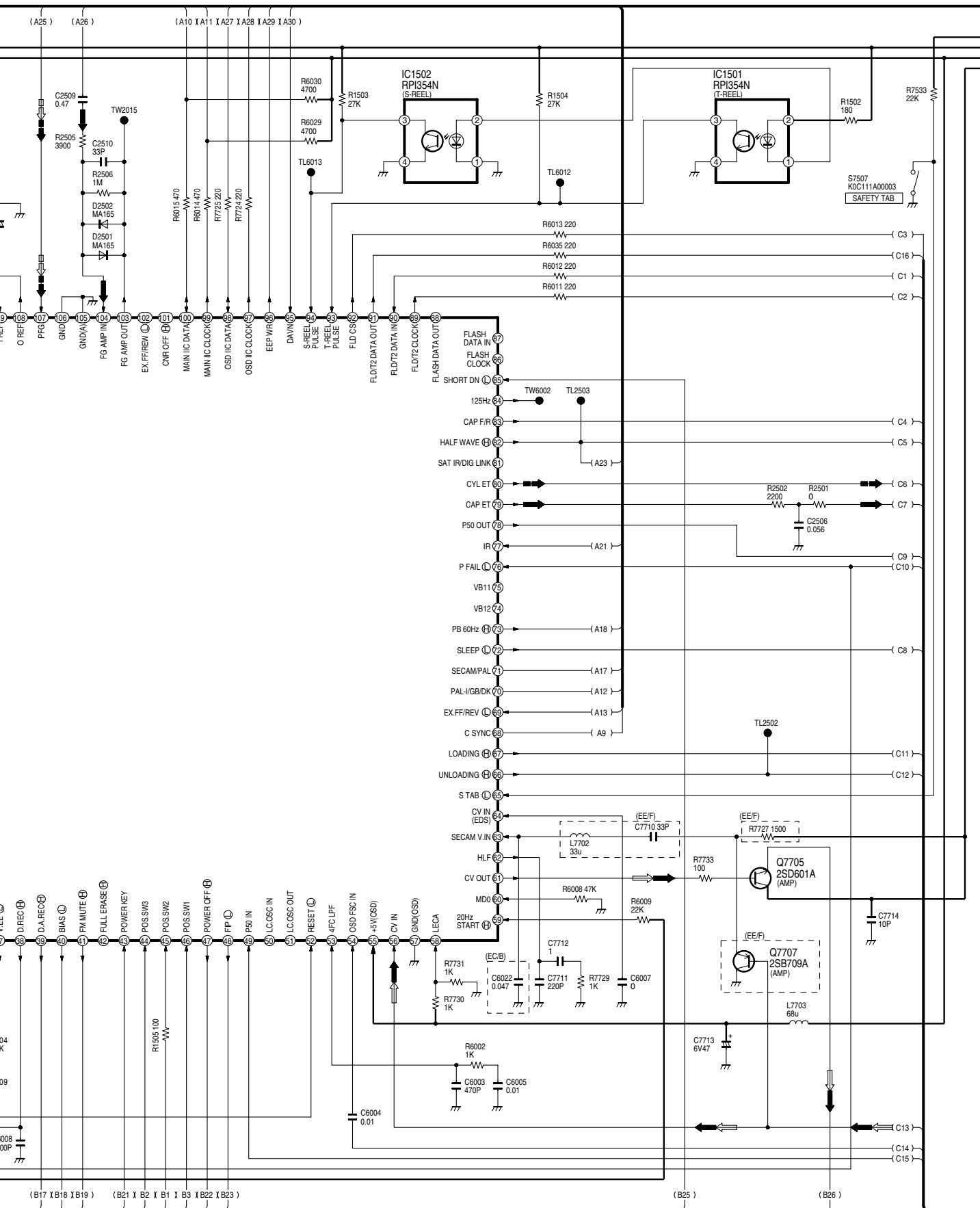
1	AUDIO OUT (R)
2	AUDIO IN (R)
3	AUDIO OUT (L)
4	GND (A)
5	GND
6	AUDIO IN (L)
7	BLUE
8	PB +12V
9	GND
10	CONTROL
11	GREEN
12	DATA
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

1	AUDIO OUT (R)
2	AUDIO IN (R)
3	AUDIO OUT (L)
4	GND (A)
5	GND
6	AUDIO IN (L)
7	BLUE
8	PB +12V
9	GND
10	-CONTROL
11	GREEN
12	-DATA
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

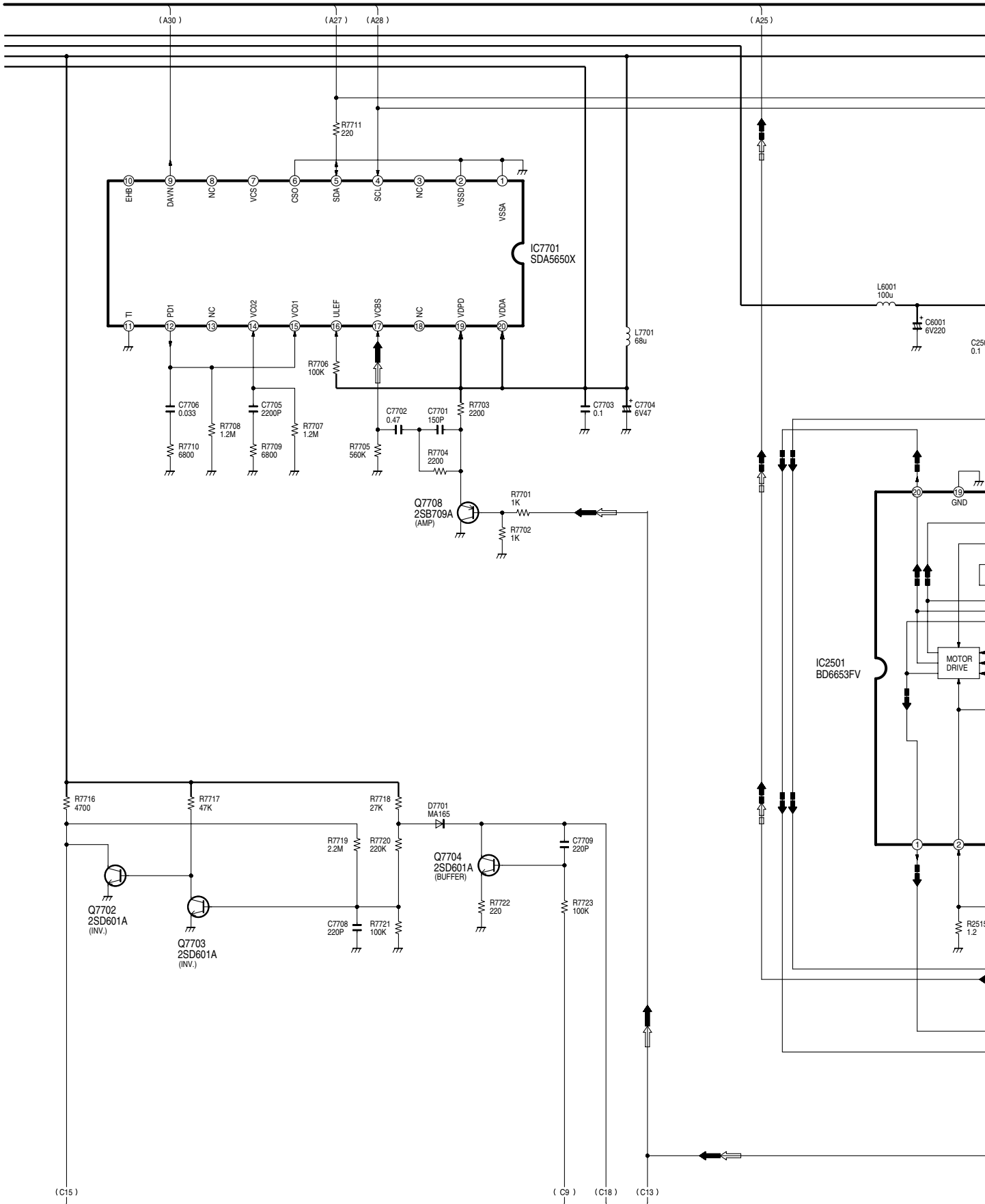


SERVO SPEED LOOP

← CYLINDER SERVO PHASE LOOP



NV-VHD1B/EC/EE/F
SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM



NV-VHD1B/EC/EE/F
SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM

NOTE:DO NOT USE ANY PART
ORDERING.WHEN YOU ORD

12

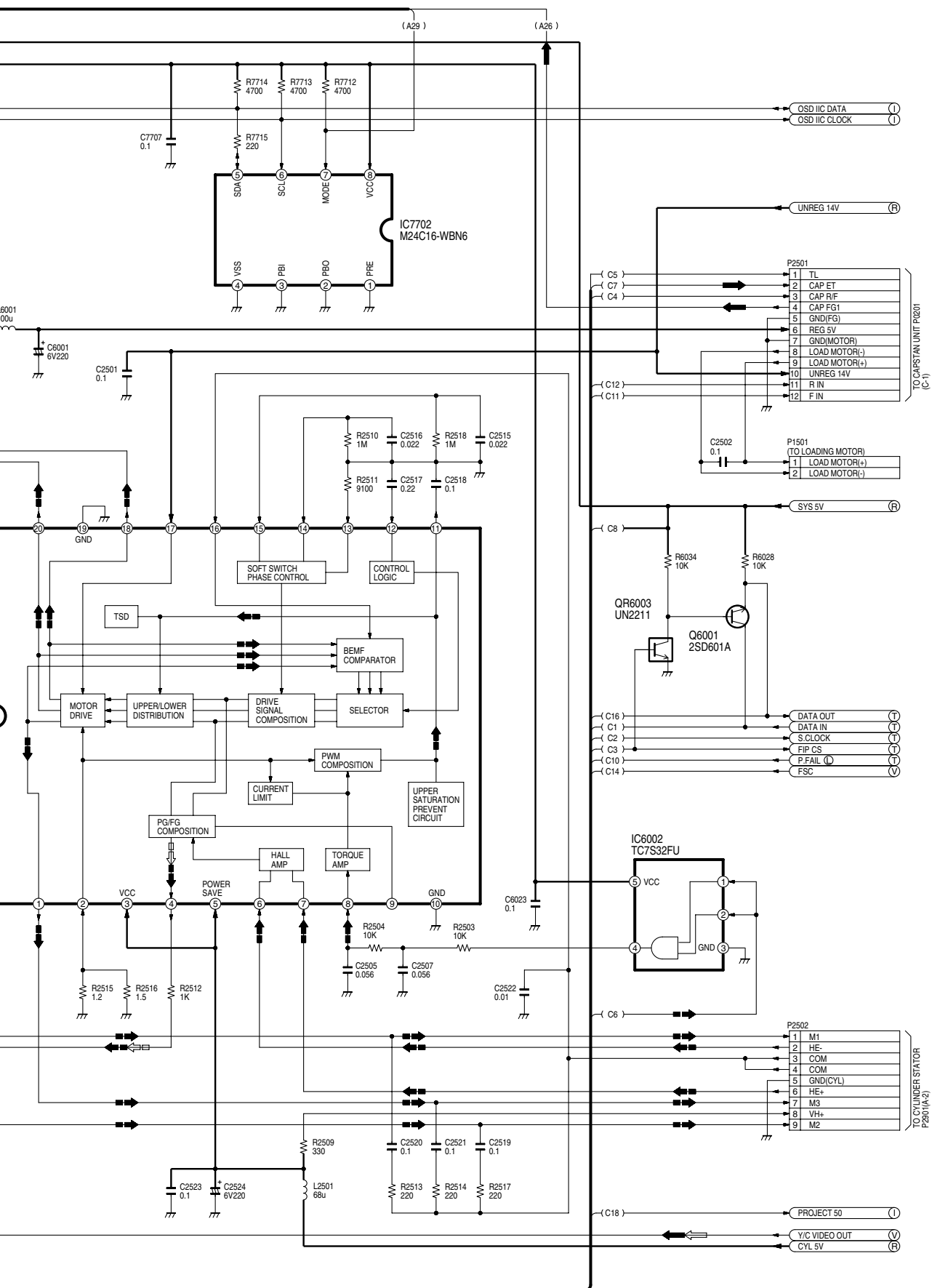
13

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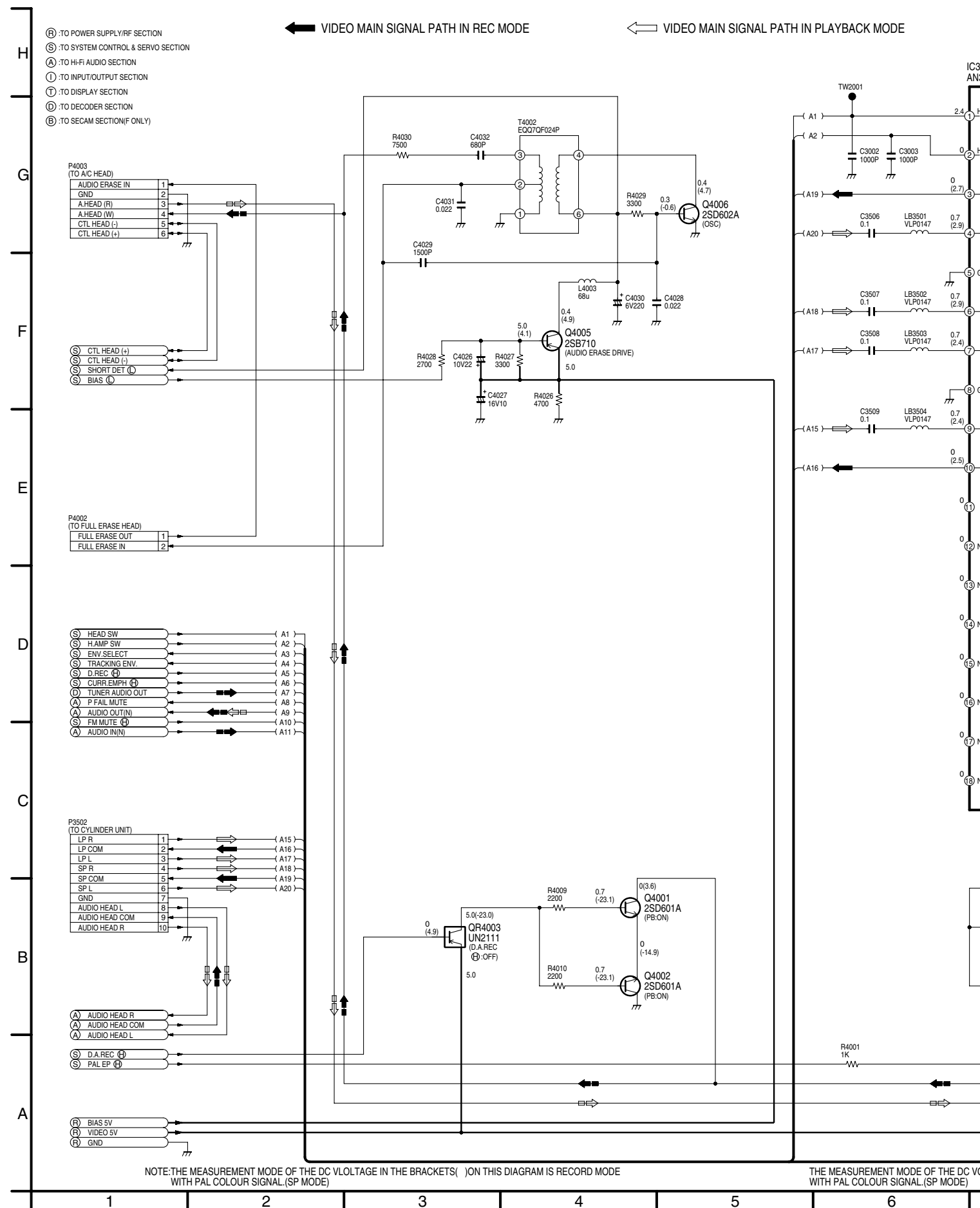
19

20

21

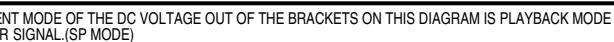
22

15.5. LUMINANCE & CHROMINANCE/AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



ODE

◀◻ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



NV-VHD1B/EC/EE/F
LUMINANCE & CHROMINANCE/AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



18

19

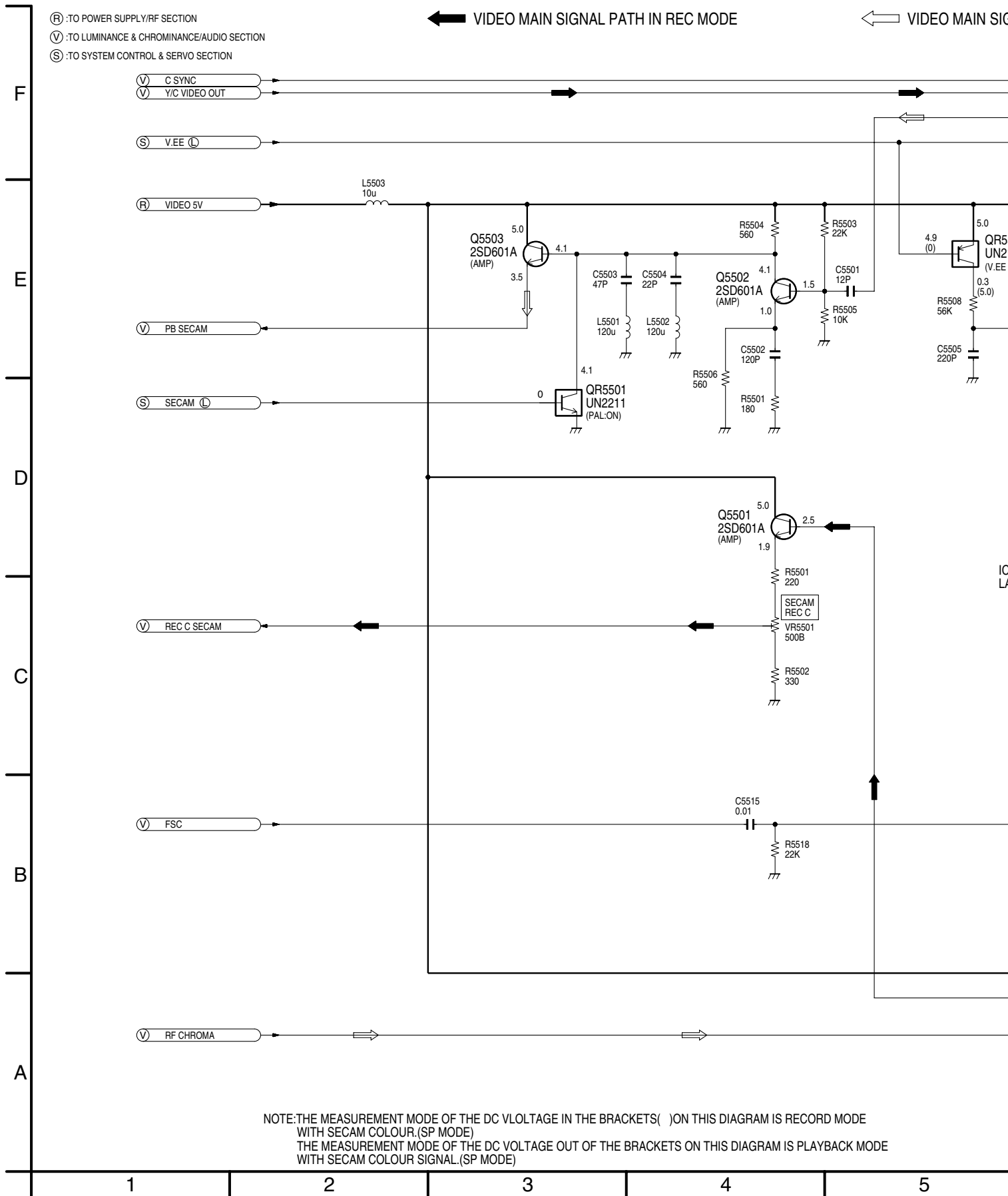
20

21

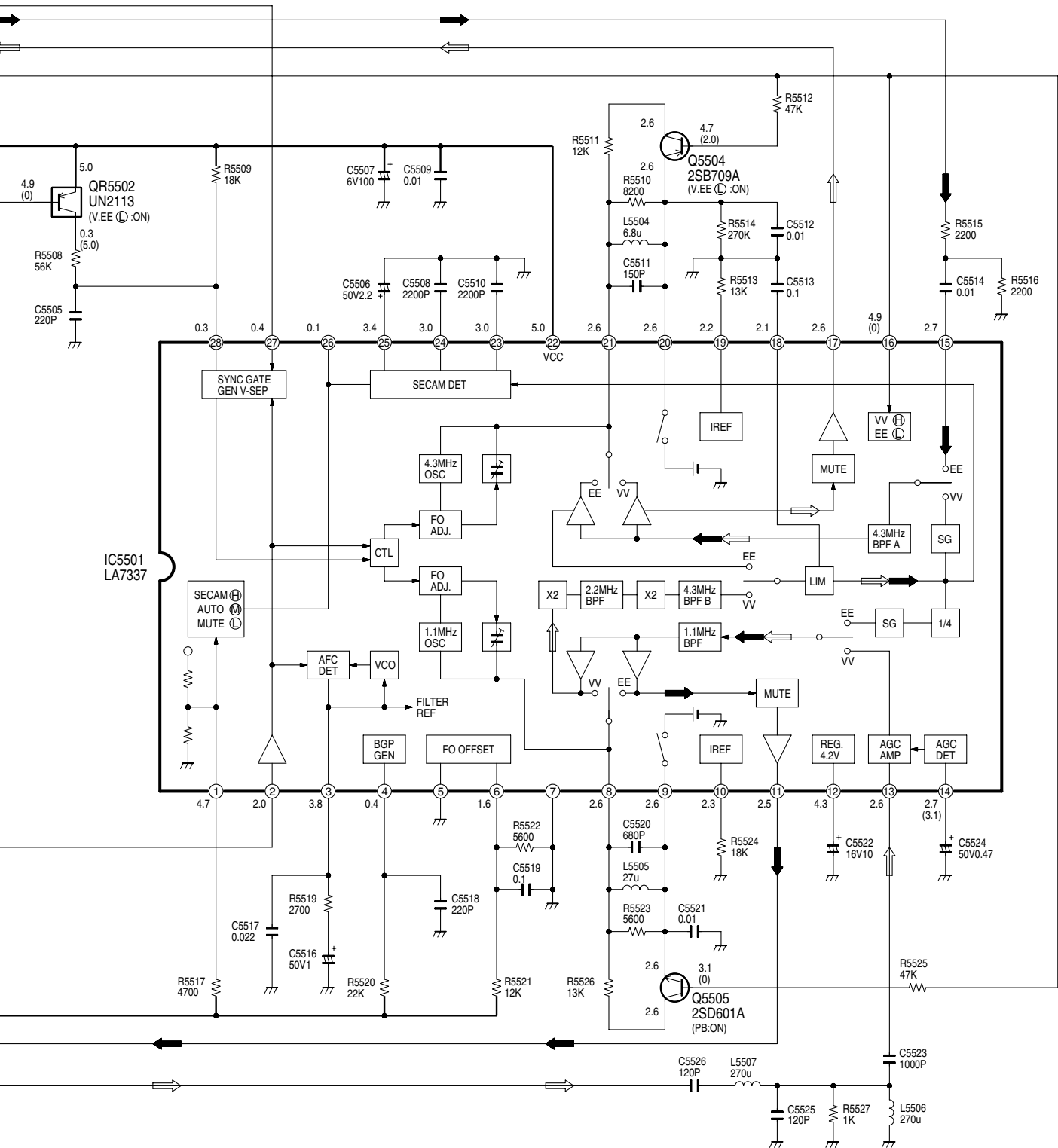
22

23

15.6. SECAM SECTION IN MAIN SCHEMATIC DIAGRAM (NV-VHD1F)



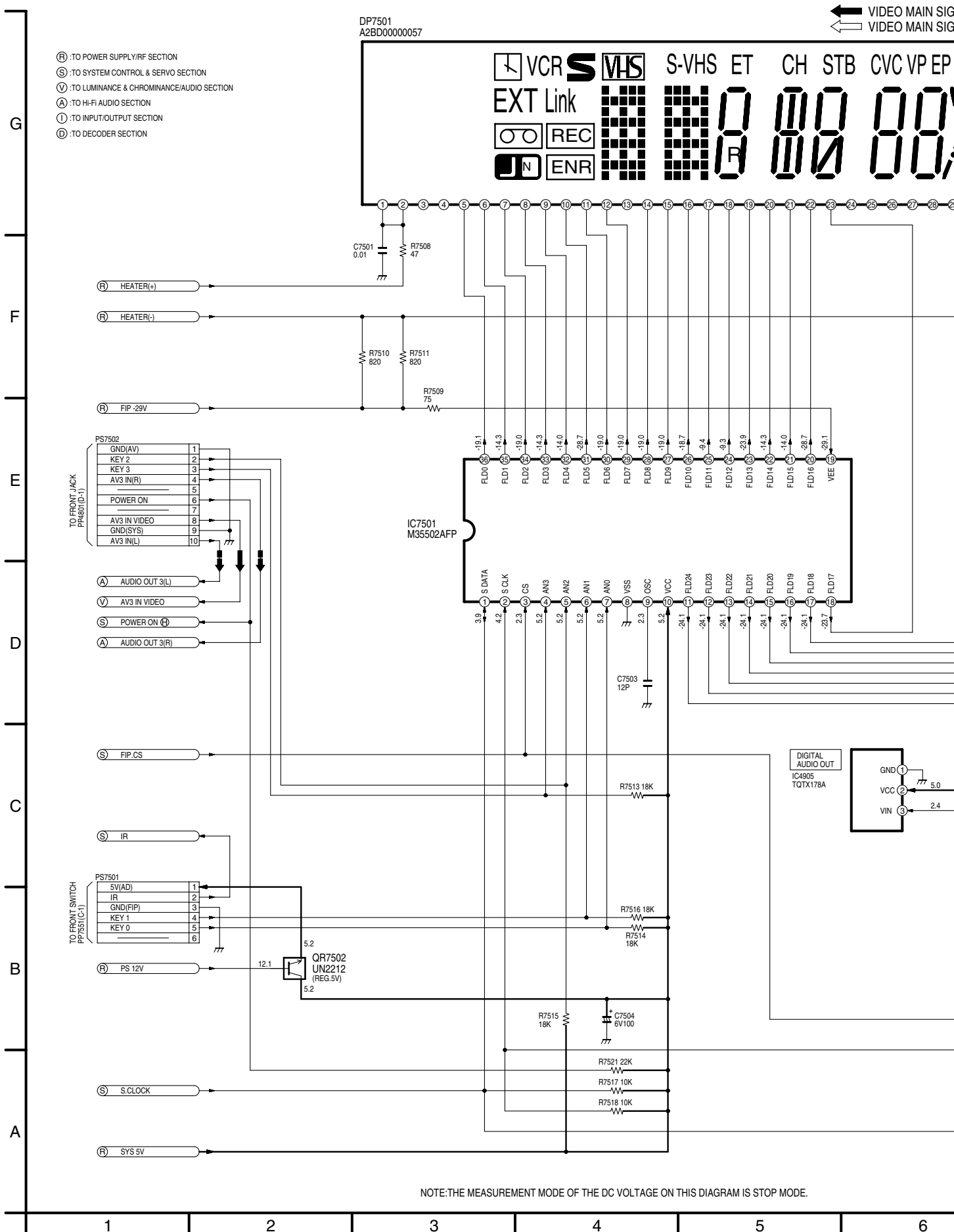
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE



NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

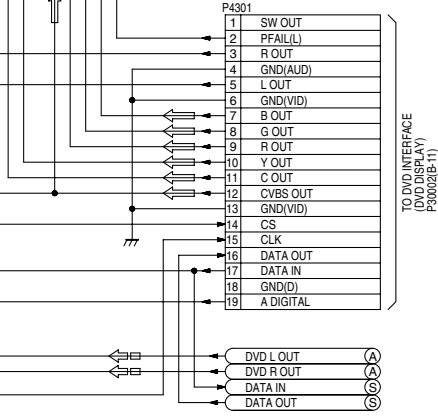
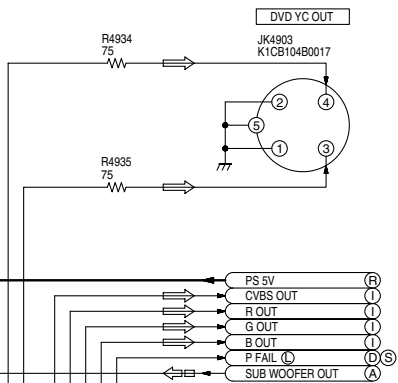
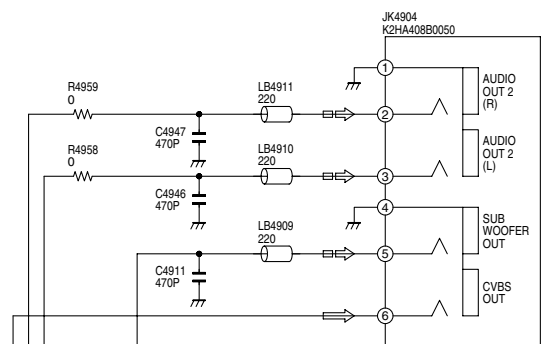
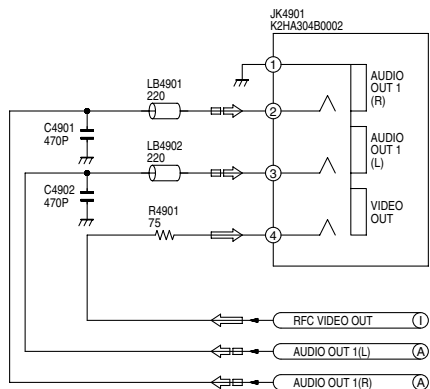
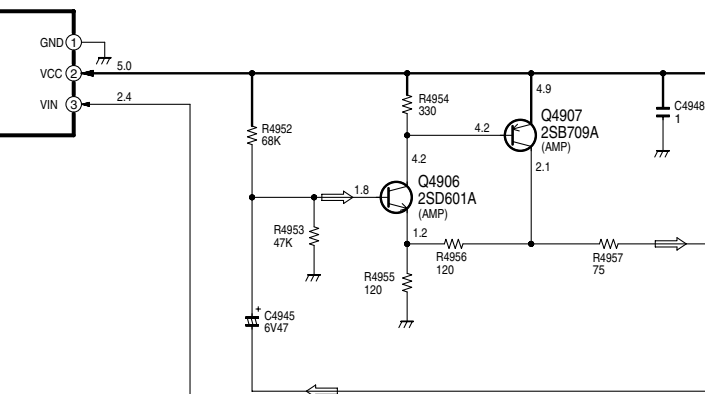
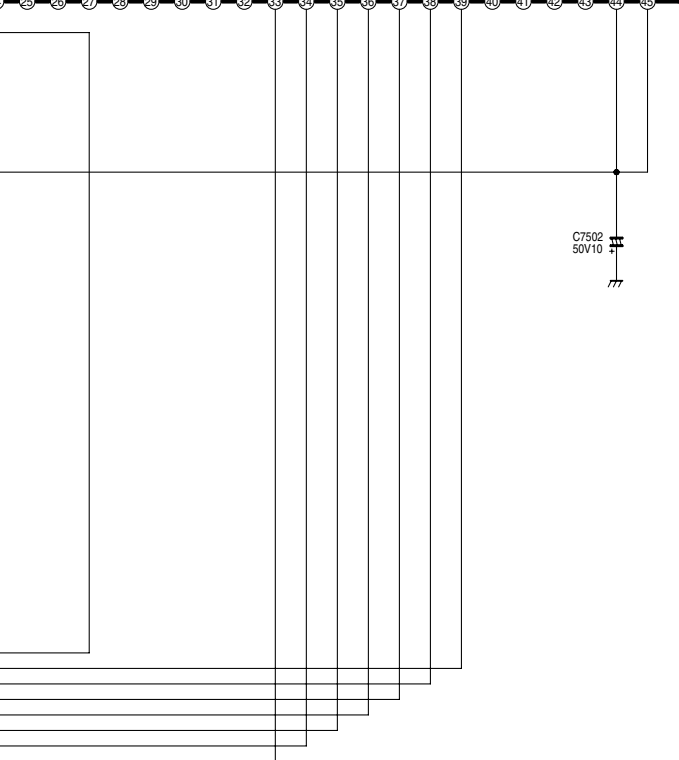
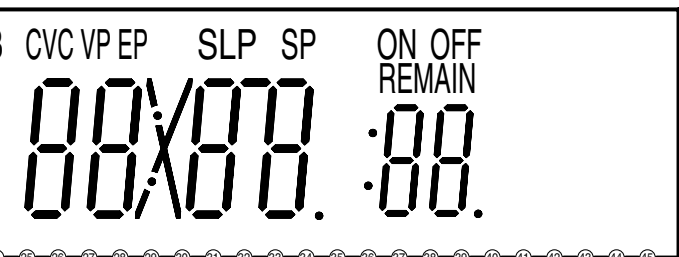
NV-VHD1B/EC/EE/F
SECAM SECTION IN MAIN SCHEMATIC DIAGRAM

15.7. VCR DISPLAY SECTION IN MAIN SCHEMATIC DIAGRAM



■ VIDEO MAIN SIGNAL PATH IN REC MODE
 □ VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

◀ AUDIO MAIN SIGNAL PATH IN REC MODE
 ◀◀ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NV-VHD1B/EC/EE/F
VCR DISPLAY SECTION IN MAIN SCHEMATIC DIAGRAM

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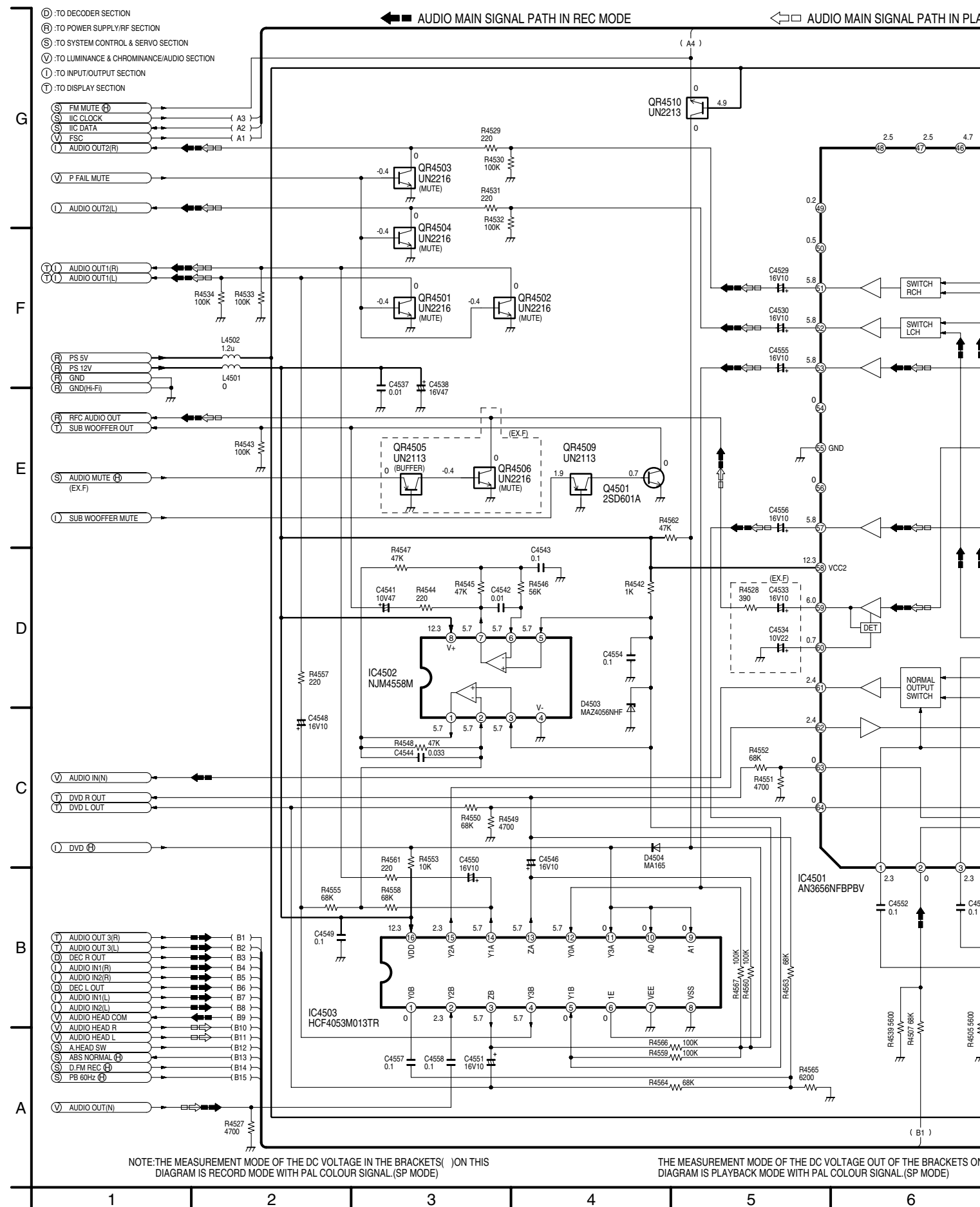
8

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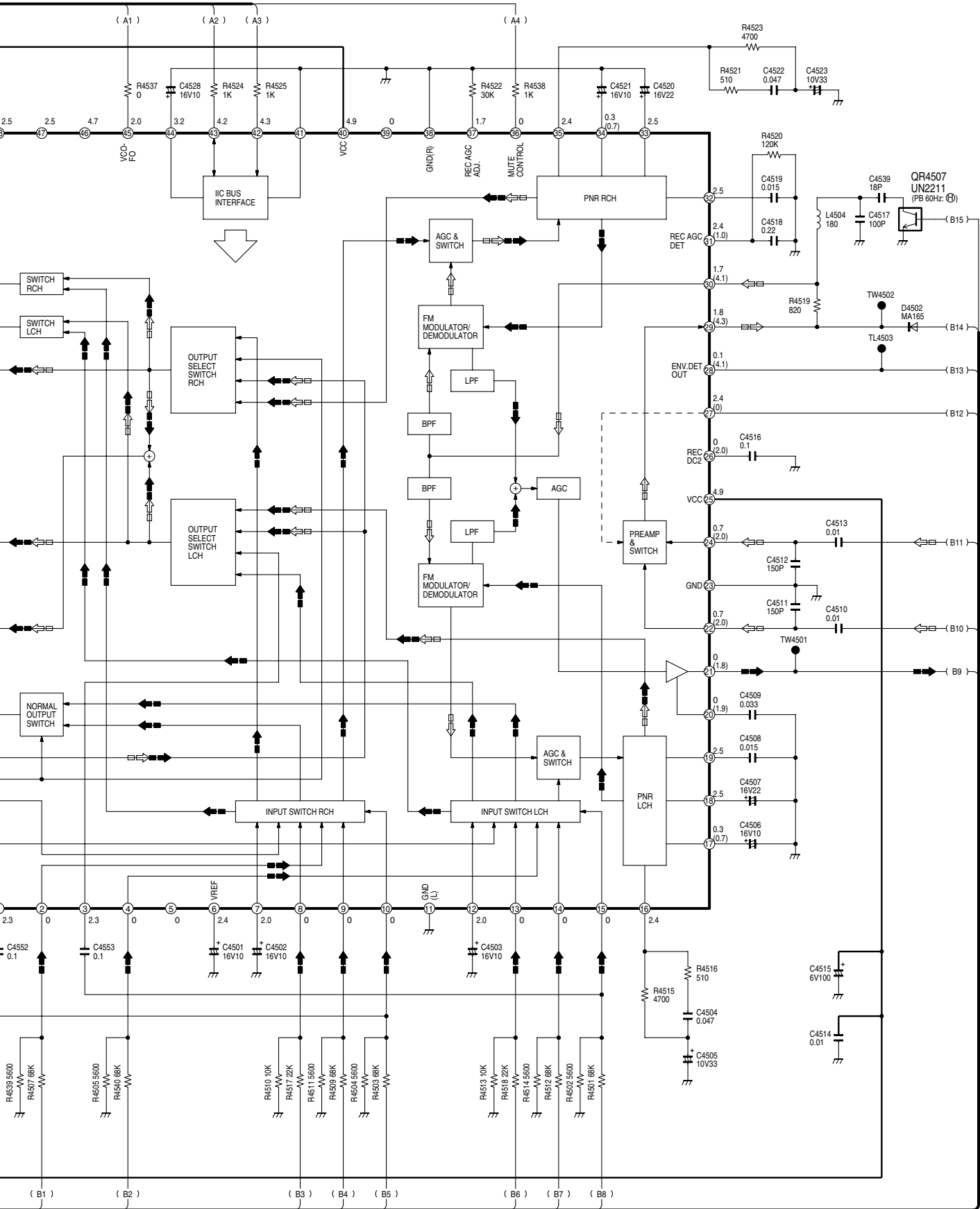
10

11

15.8. HI-FI AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



SIGNAL PATH IN PLAYBACK MODE

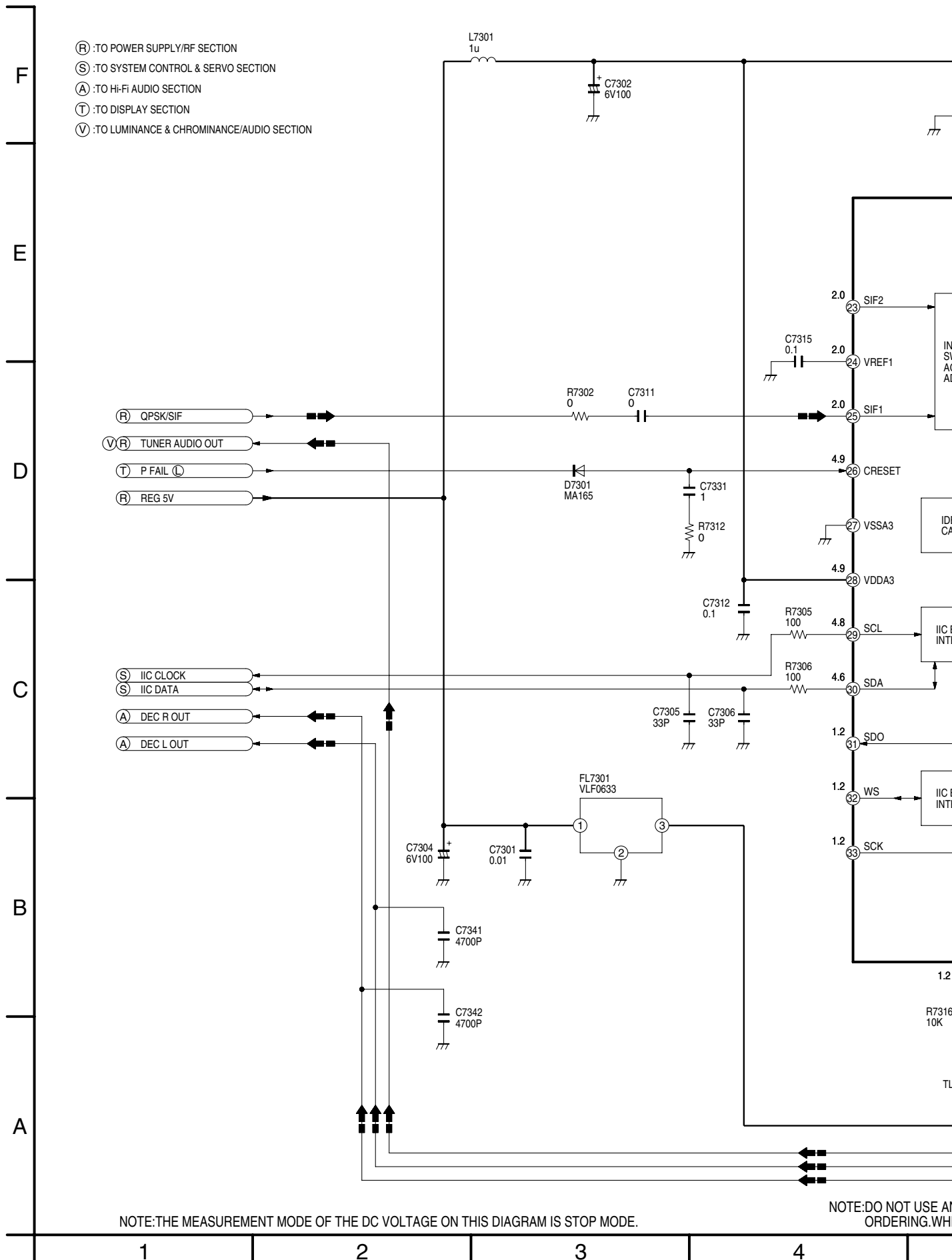


OF THE BRACKETS ON THIS
SIGNAL (SP MODE)

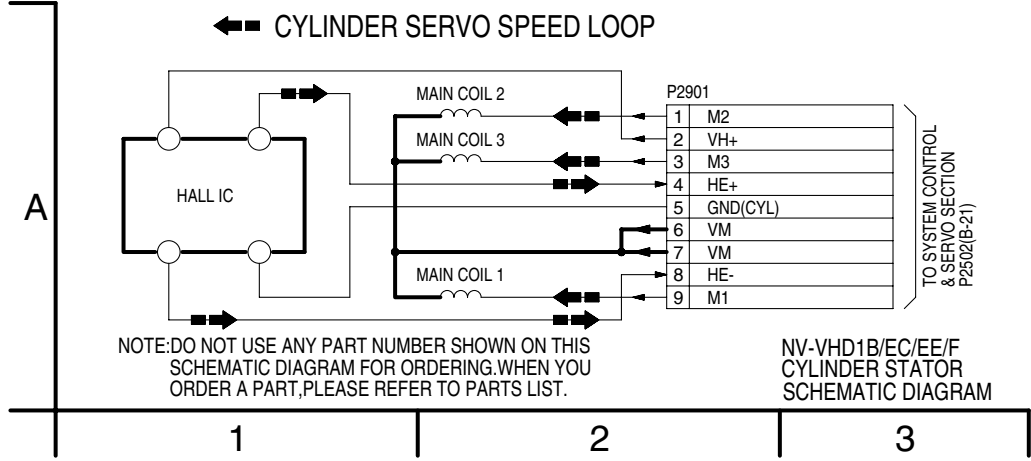
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS
SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU
ORDER A PART, PLEASE REFER TO PARTS LIST.

NV-VHD1B/EC/EE/F
Hi-Fi AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM

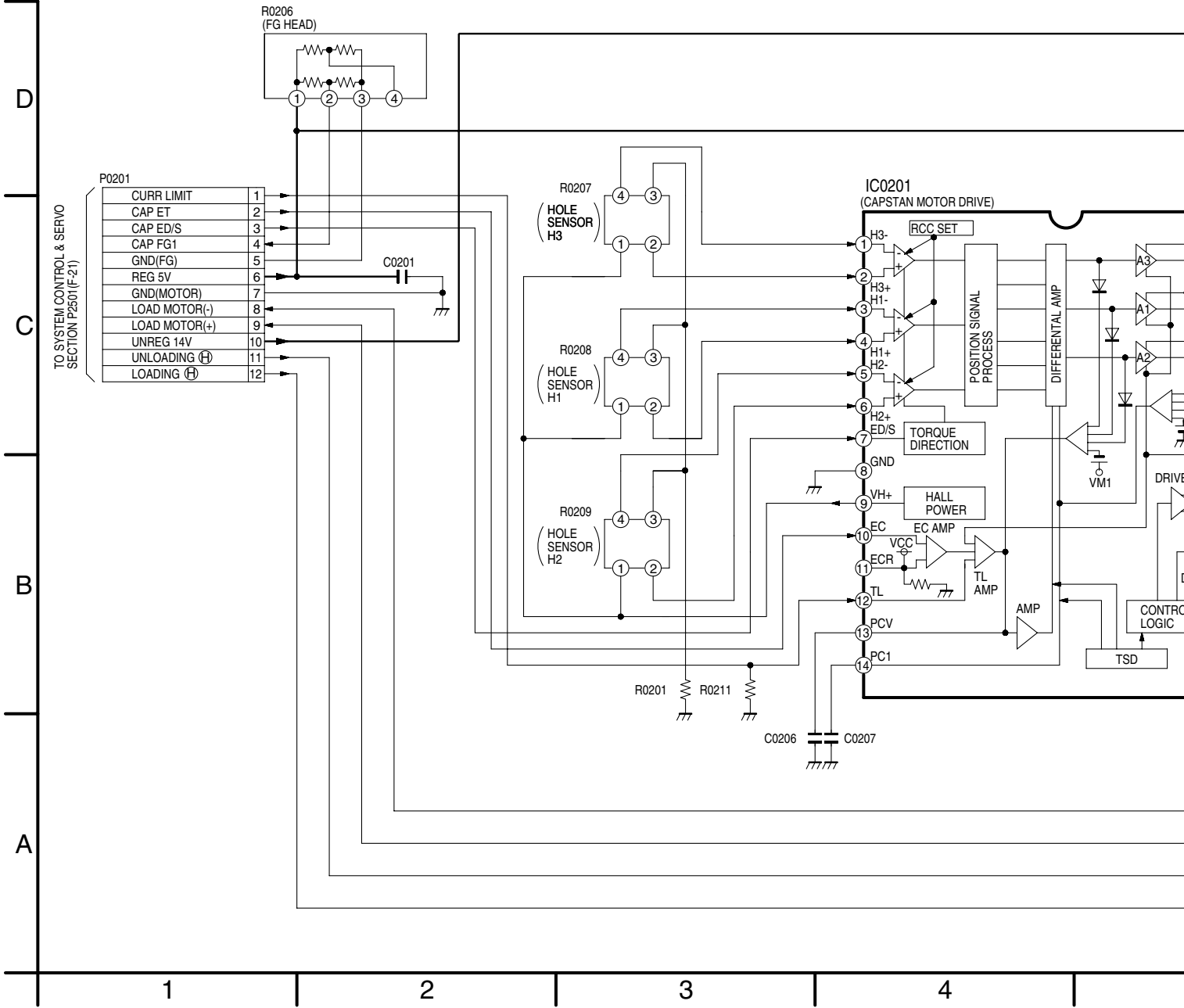
15.9. DECODER SECTION IN MAIN SCHEMATIC DIAGRAM

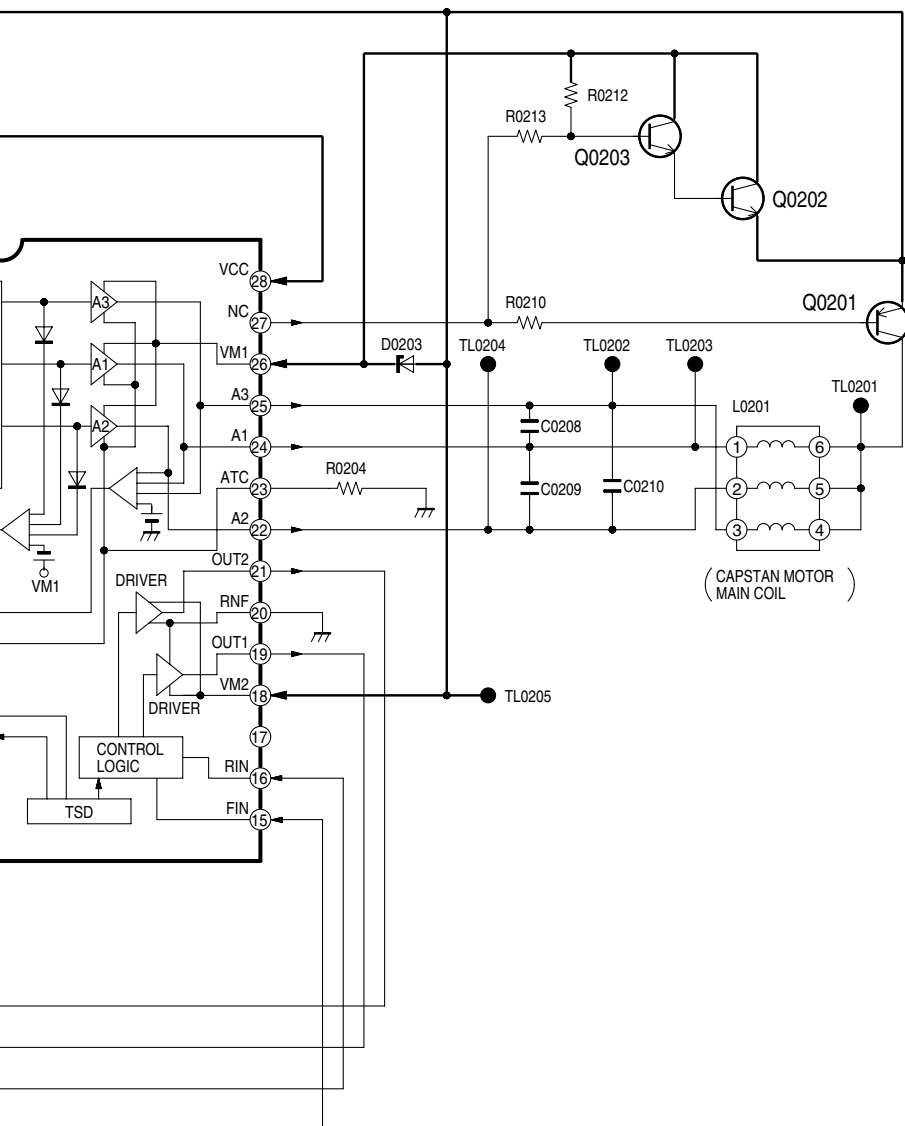


15.10. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM



15.11. CAPSTAN UNIT SCHEMATIC DIAGRAM





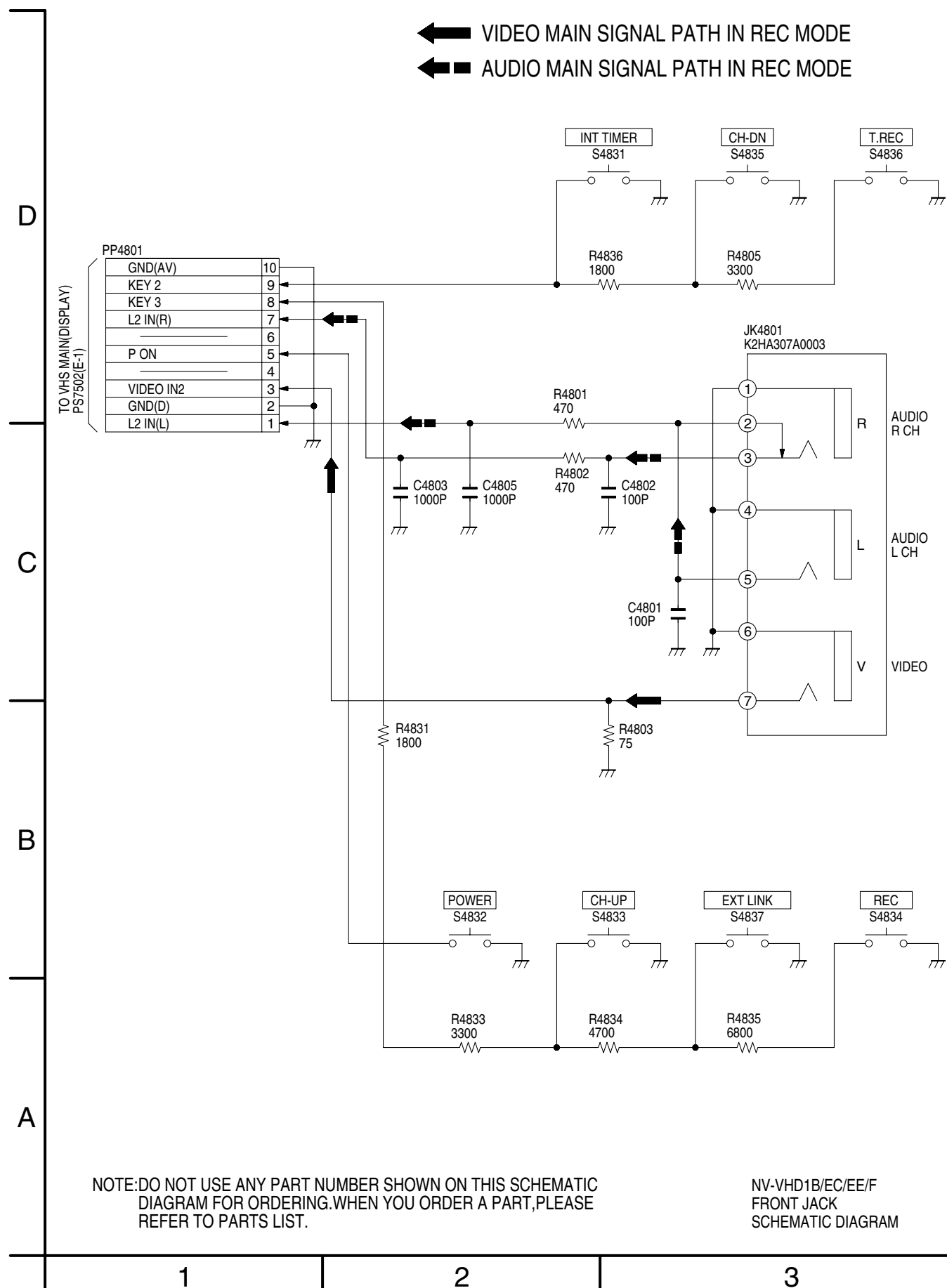
NV-VHD1B/EC/EE/F
CAPSTAN UNIT SCHEMATIC DIAGRAM

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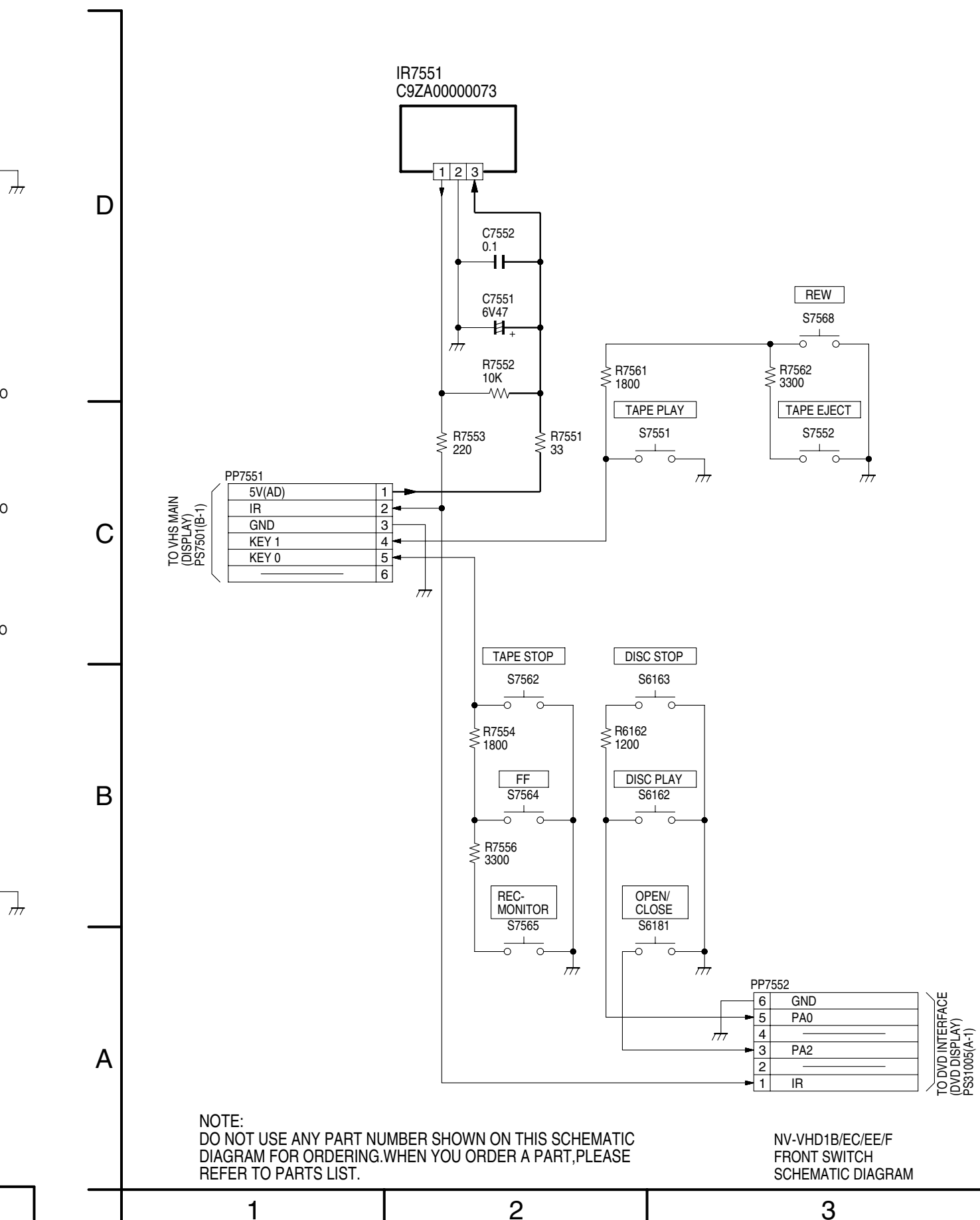
7

15.12. FRONT JACK SCHEMATIC DIAGRAM

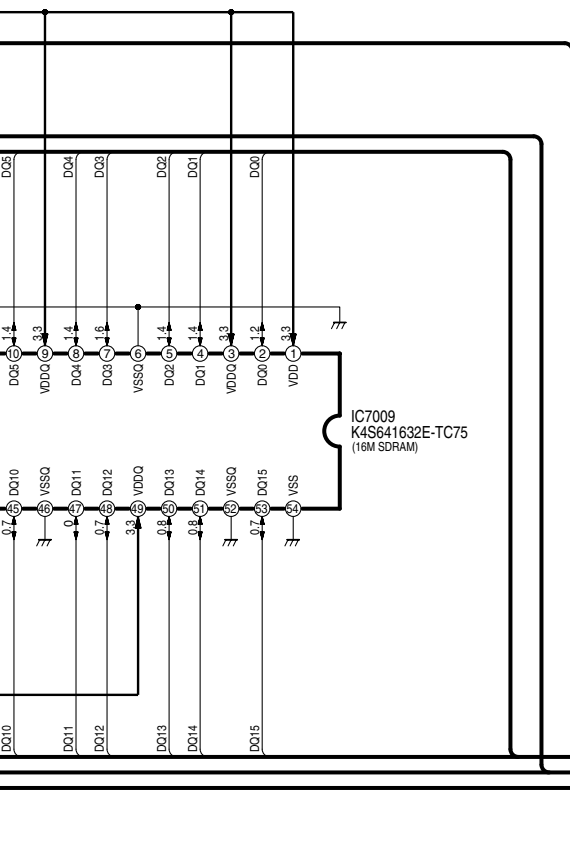




15.13. FRONT SWITCH SCHEMATIC DIAGRAM

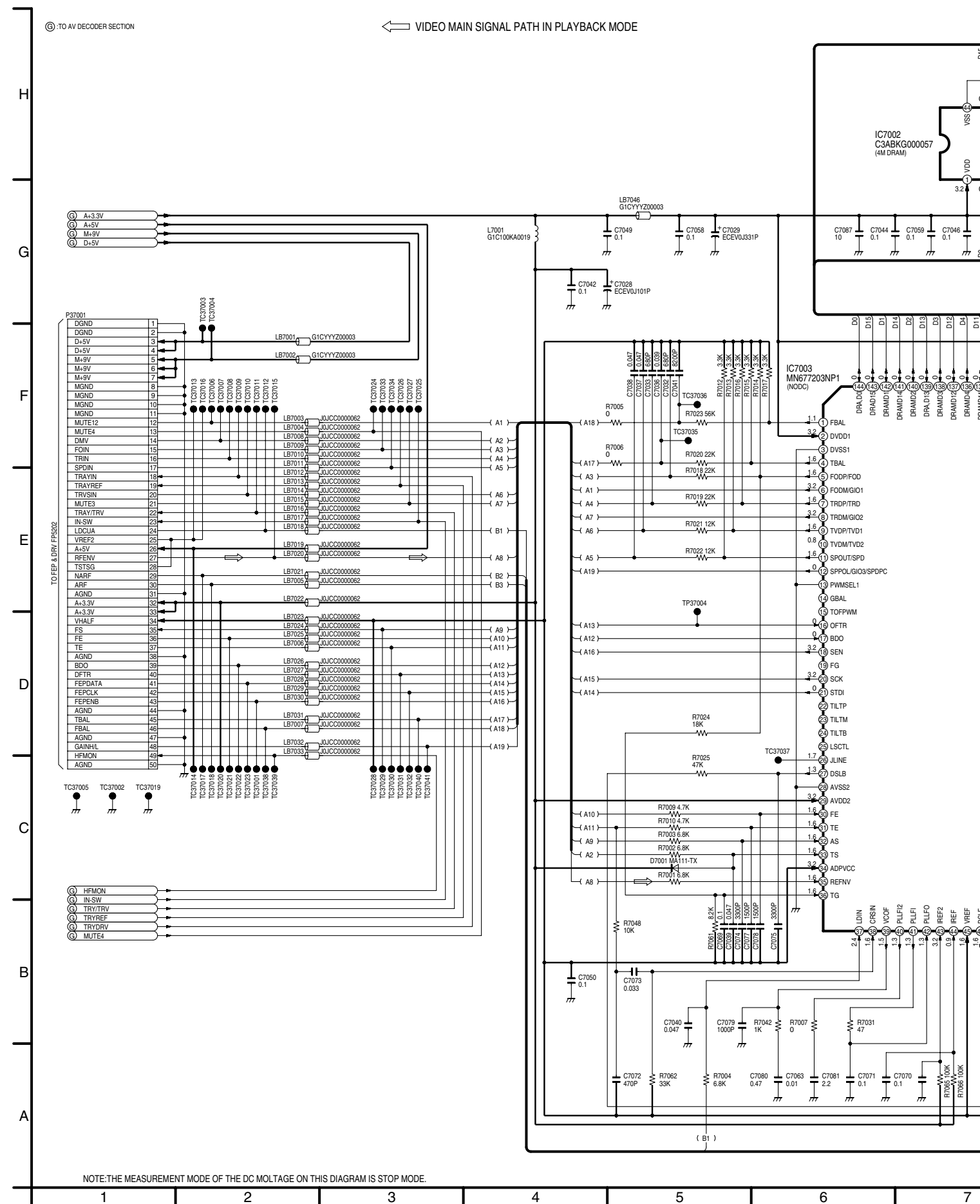


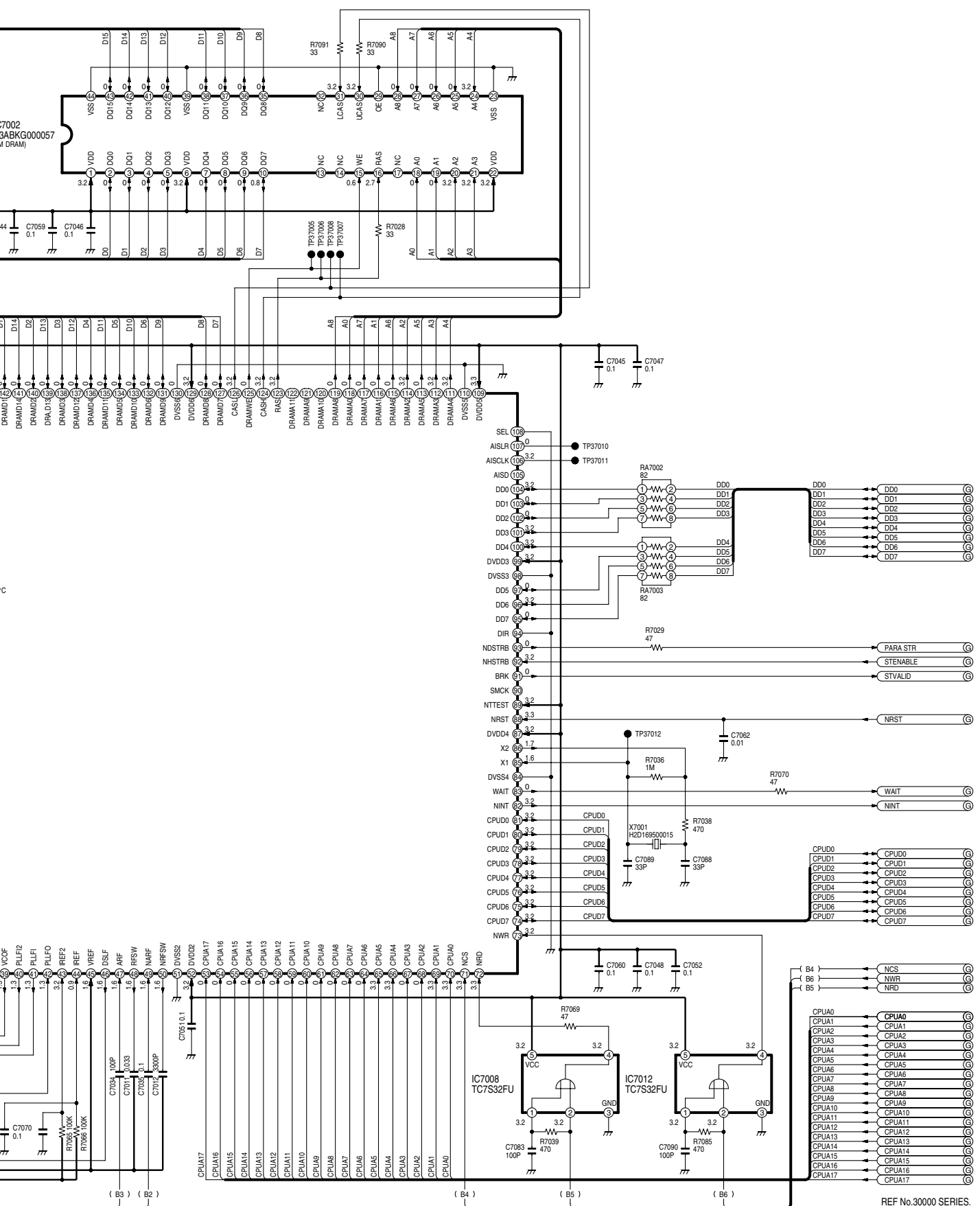




NV-VHD1B/EC/EE/F
AV DECODER SECTION IN AV DECODER SCHEMATIC DIAGRAM

15.15. NODC SECTION IN AV DECODER SCHEMATIC DIAGRAM



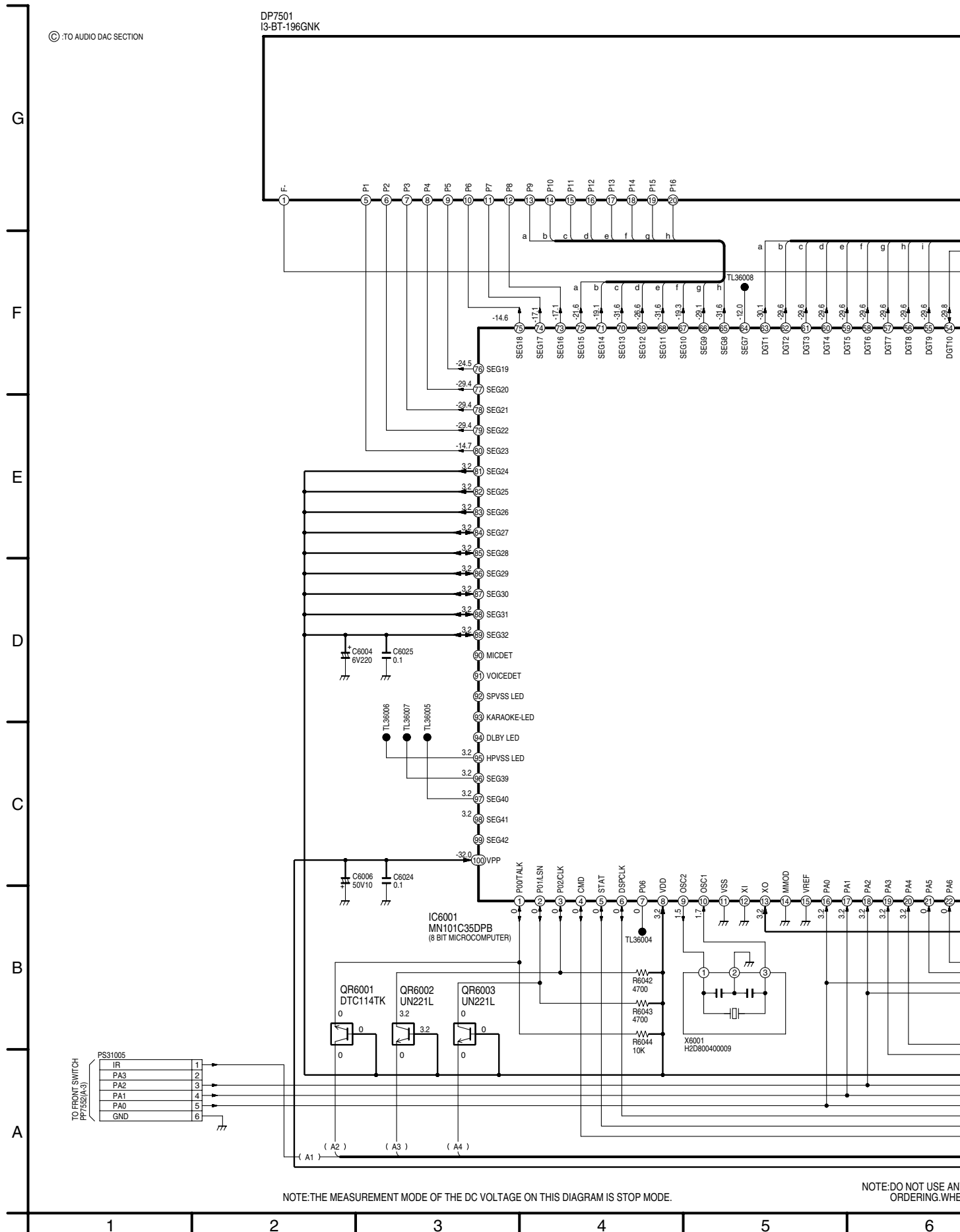


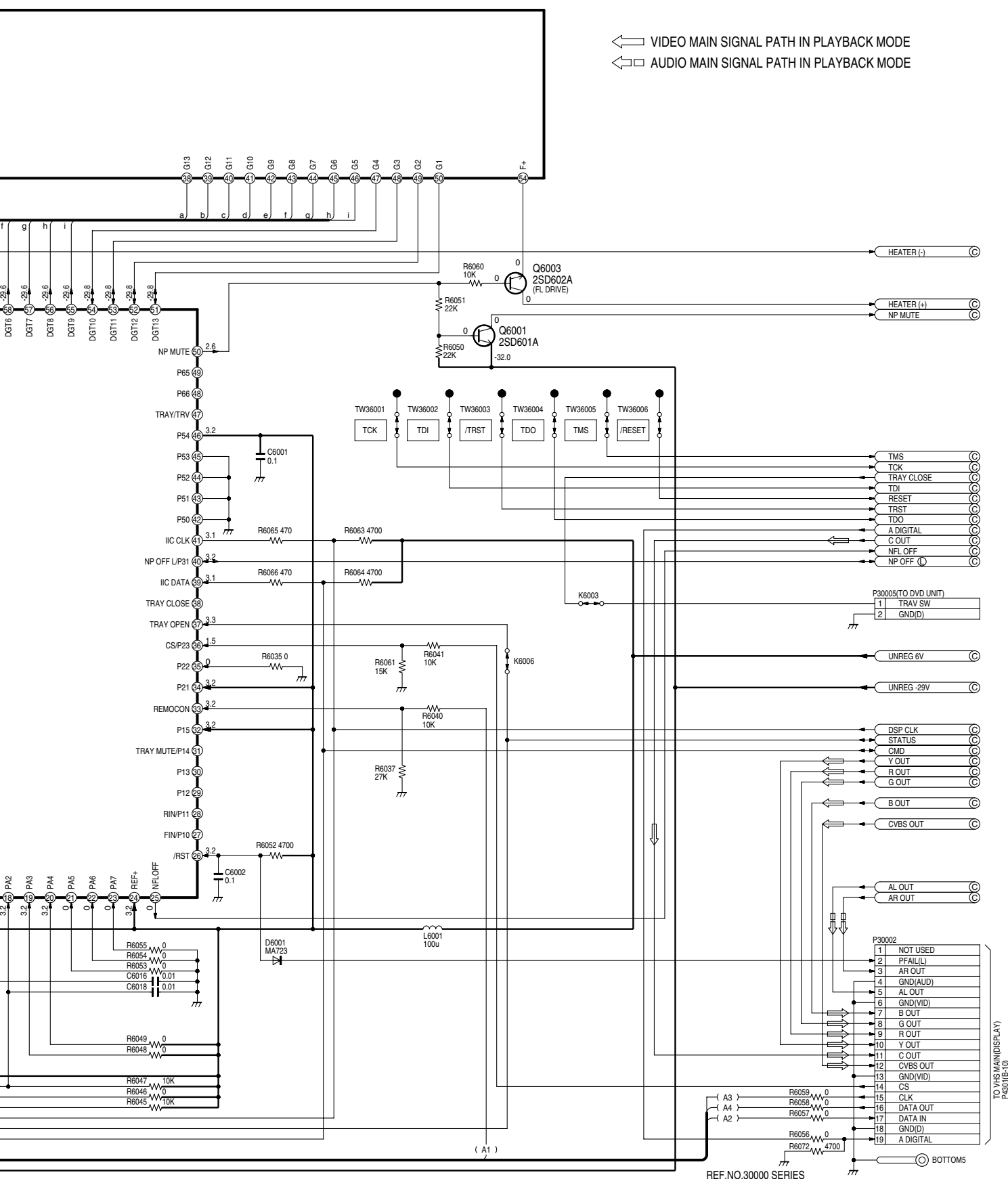
NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

NV-VHD1B/EC/EE/F
NODC SECTION IN AV DECODER SCHEMATIC DIAGRAM

REF No.30000 SERIES.

15.16. DVD DISPLAY SECTION IN DVD INTERFACE SCHEMATIC DIAGRAM

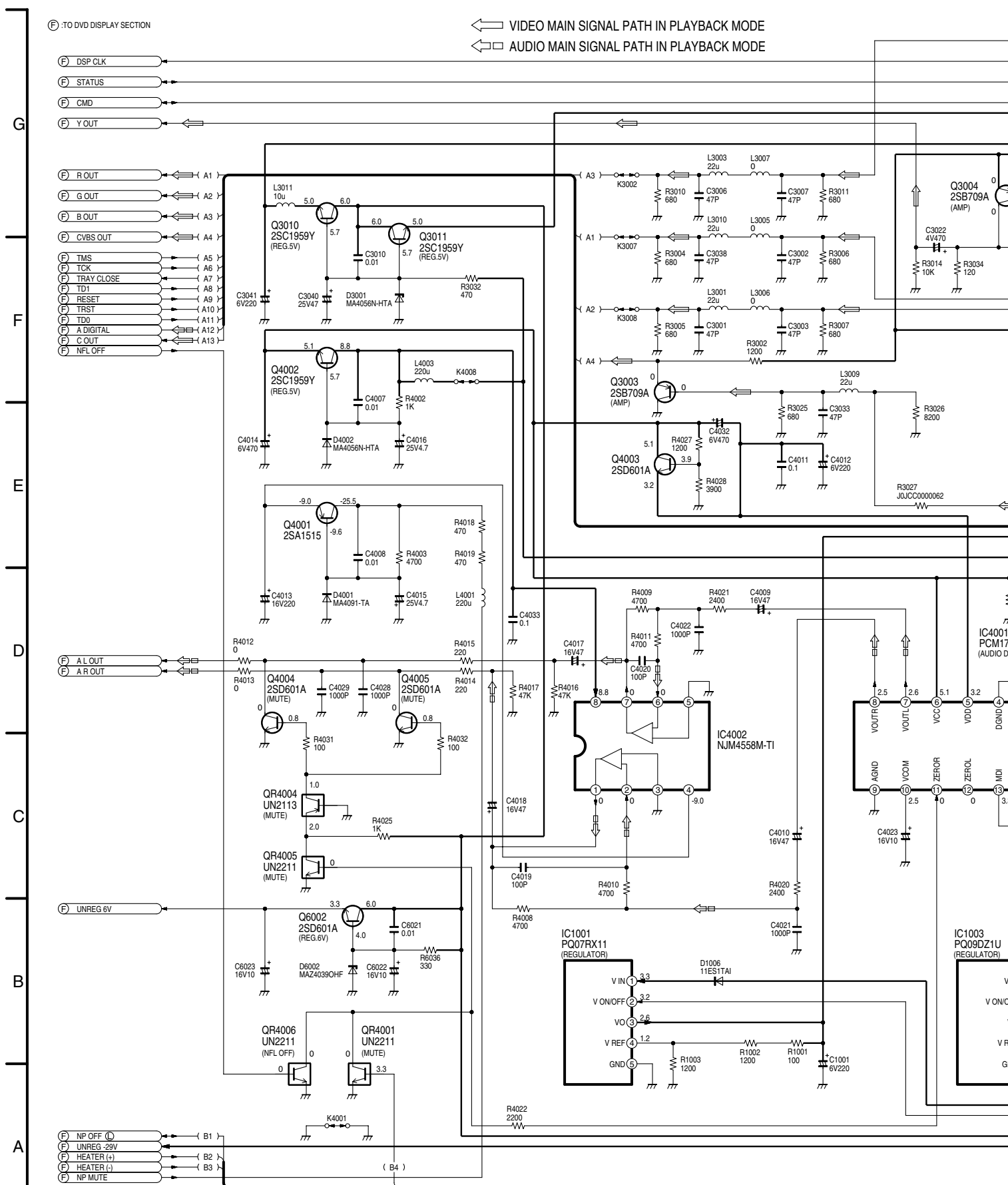




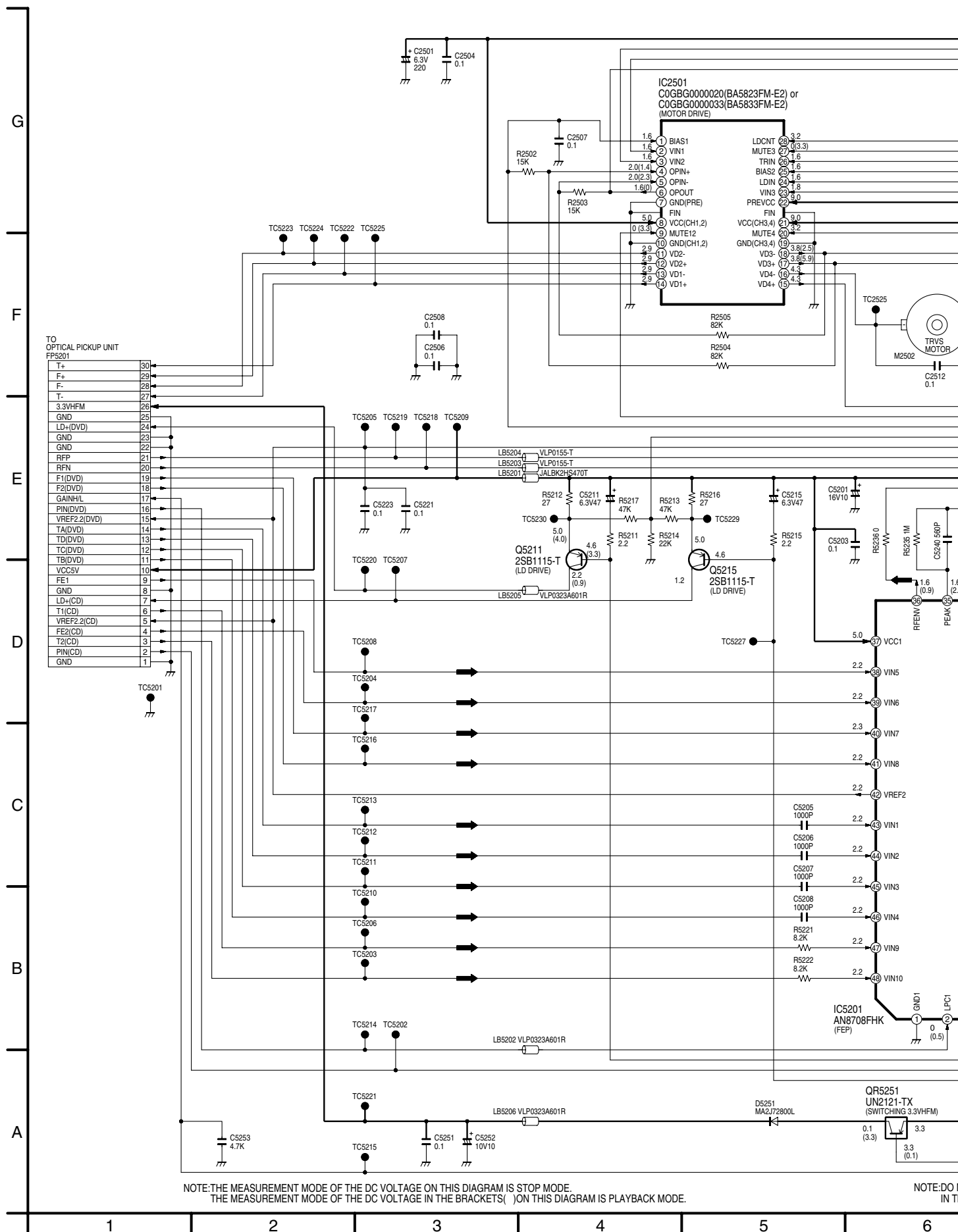
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

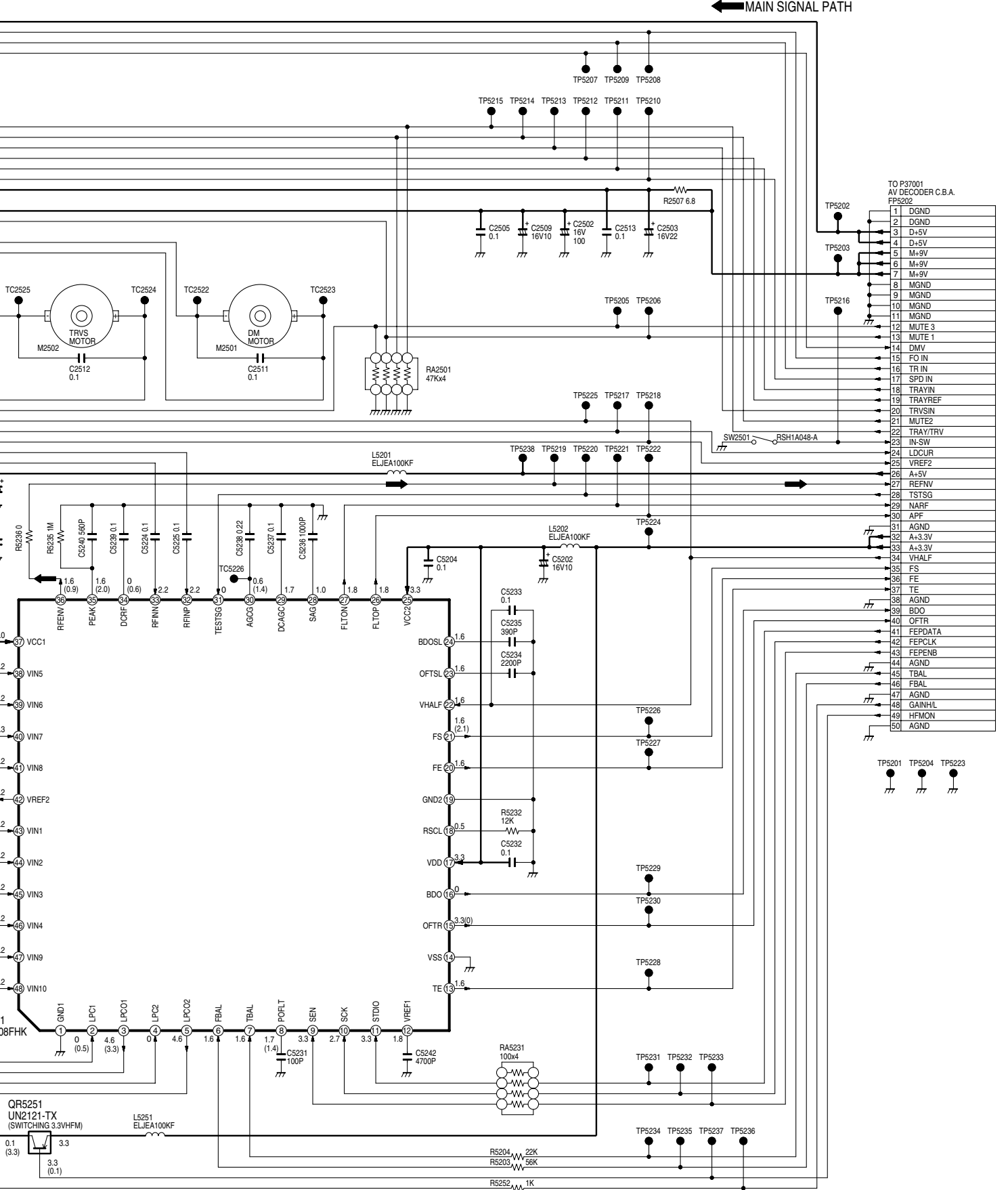
NV-VHD1B/EC/EE/F
DVD DISPLAY SECTION IN DVD INTERFACE SCHEMATIC DIAGRAM

15.17. AUDIO DAC SECTION IN DVD INTERFACE SCHEMATIC DIAGRAM



15.18. FEP & DRV IN TERMINAL SCHEMATIC DIAGRAM



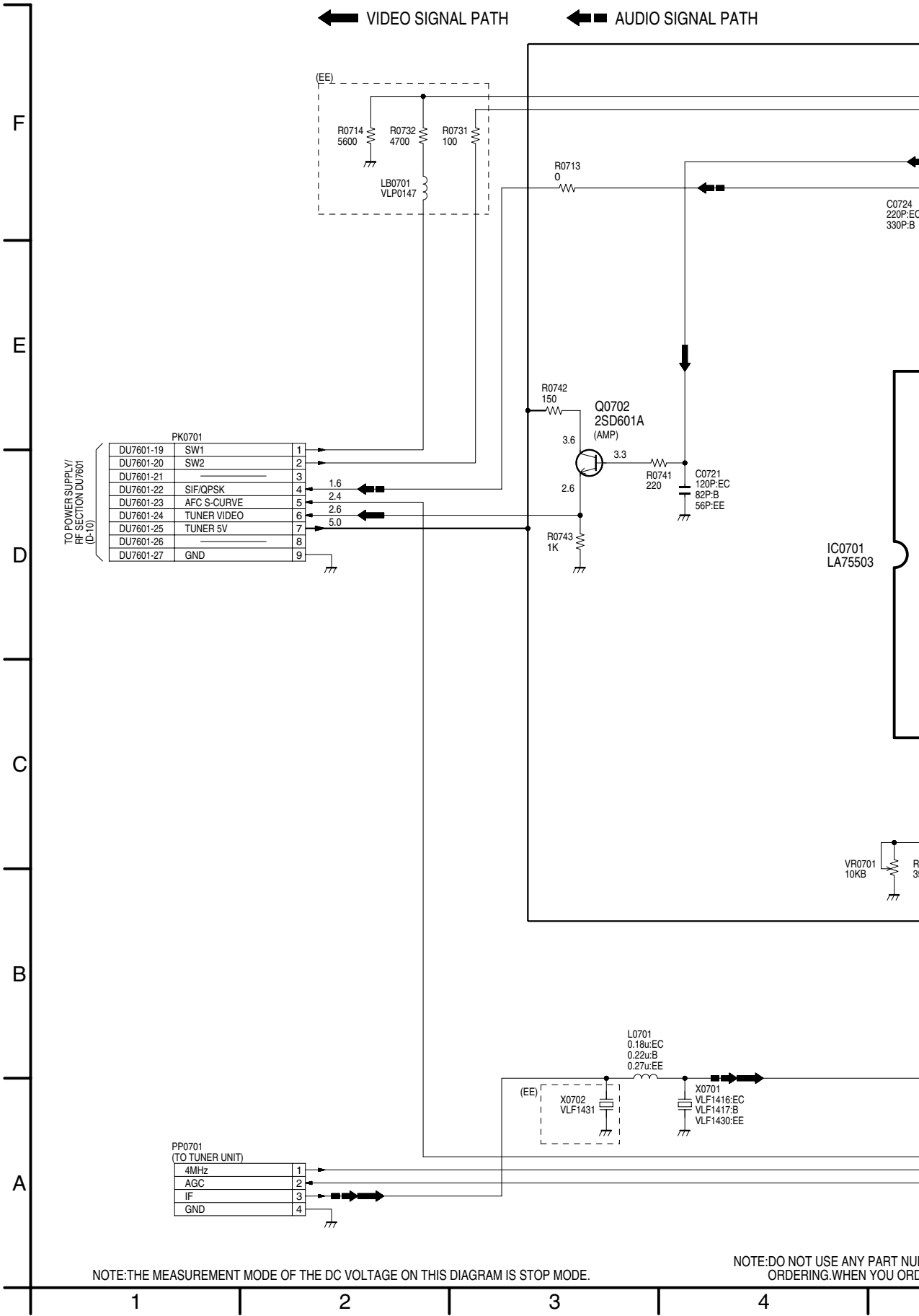


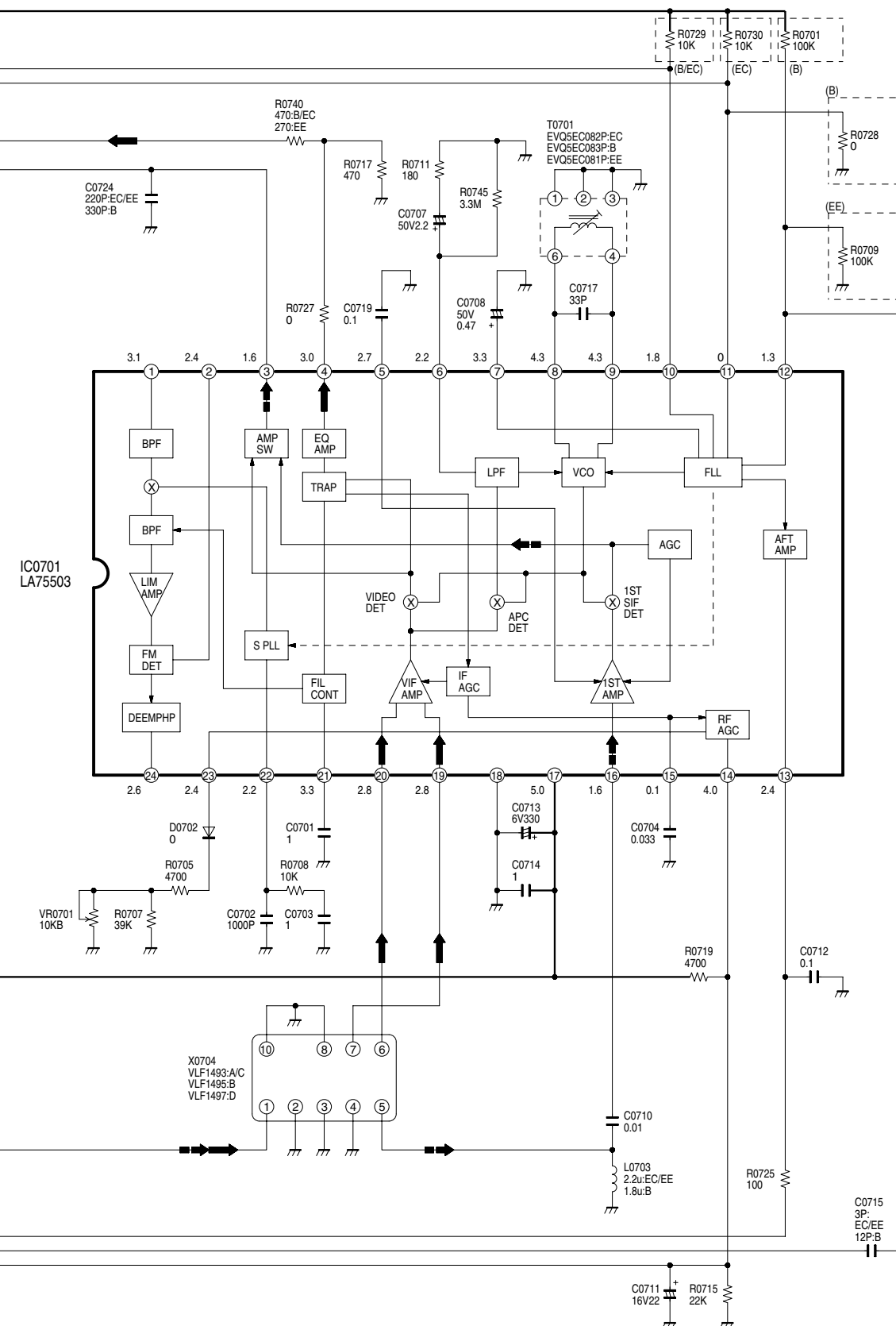
NOTE: DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.

NV-VHD1B/EC/EE/F
FEP & DRV IN TERMINAL SCHEMATIC DIAGRAM

6 7 8 9 10 11

15.19. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-VHD1B/EC/EE)

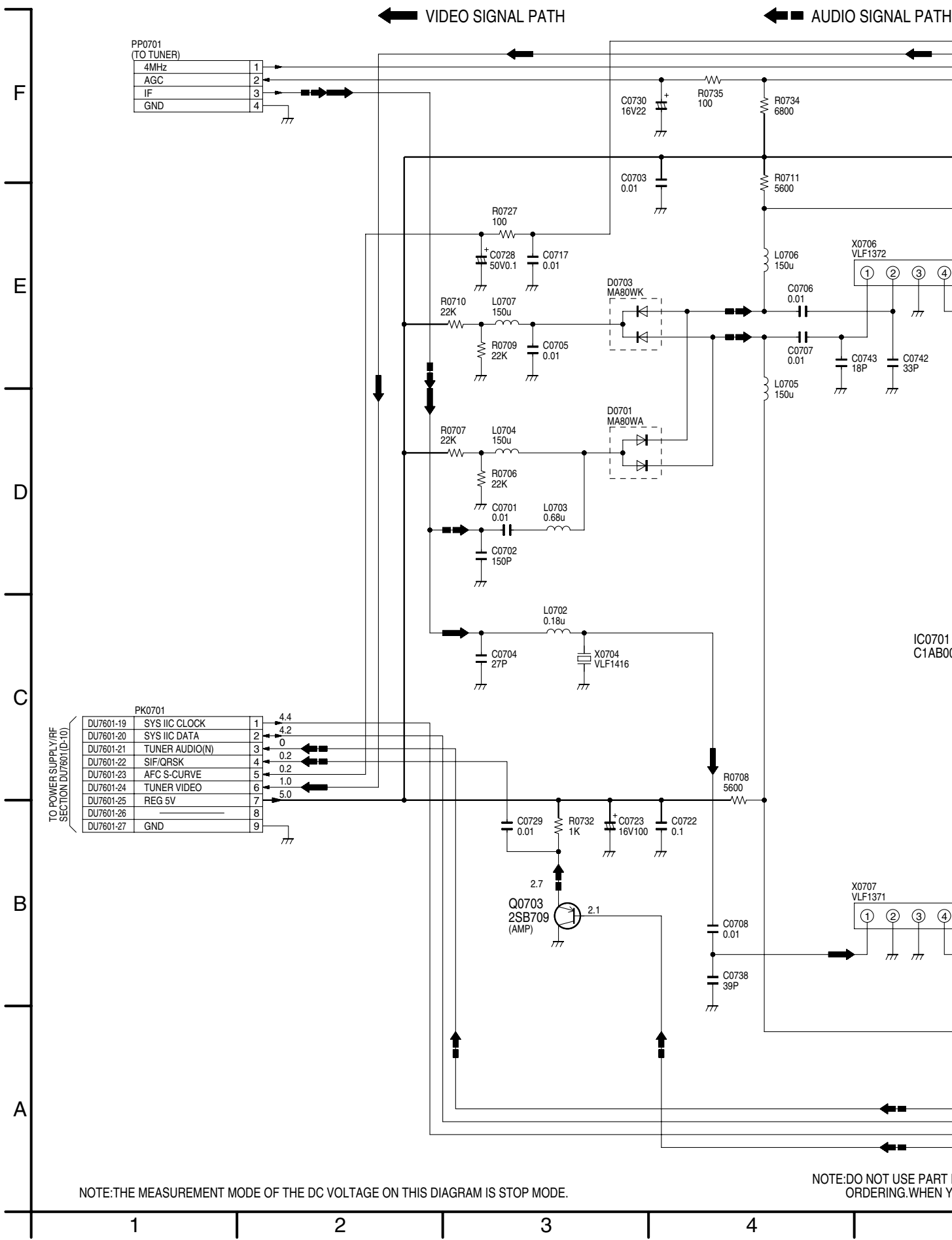




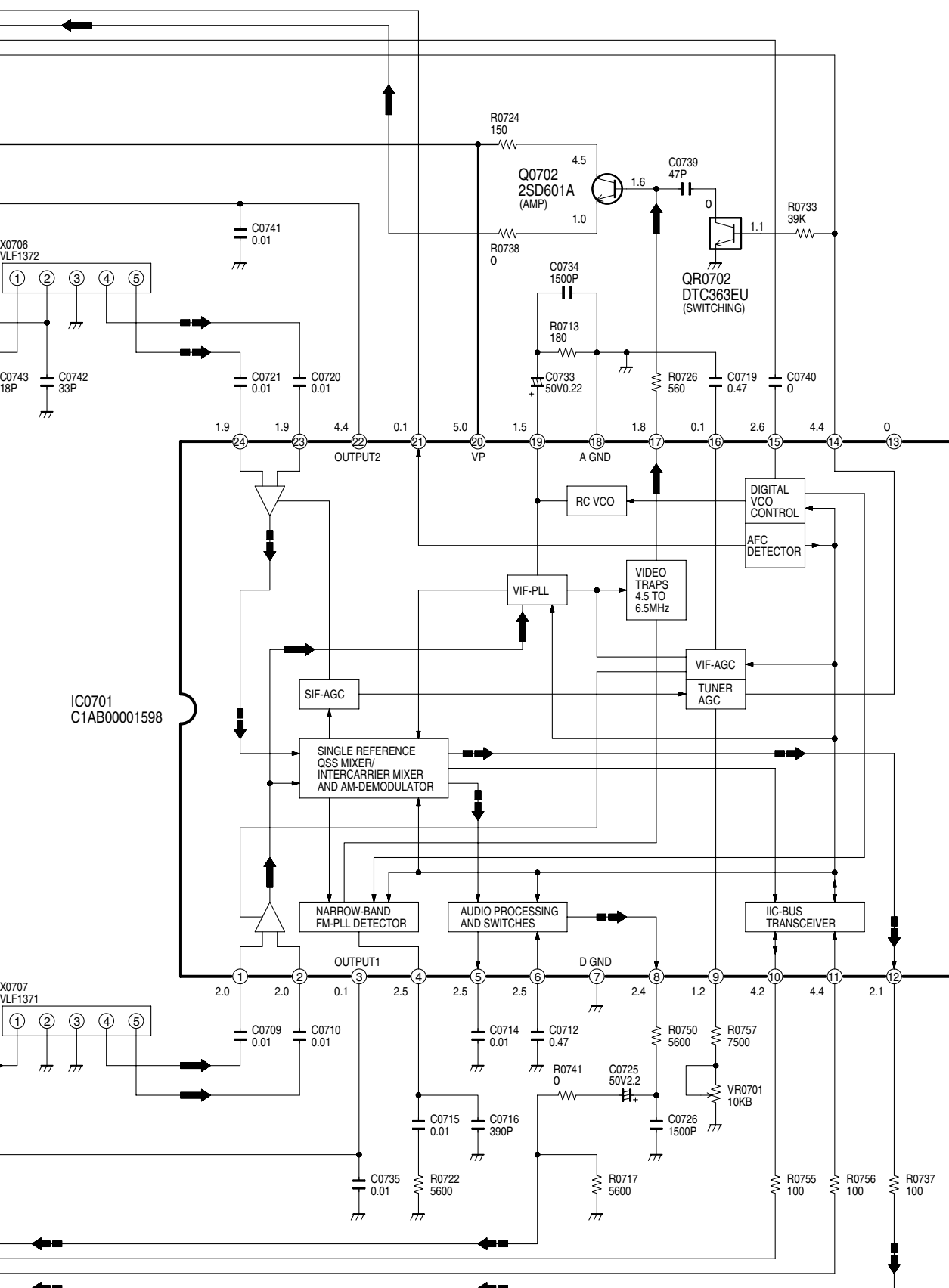
DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NV-VHD1B/EC/EE
TV DEMODULATOR PACK SCHEMATIC DIAGRAM

15.20. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-VHD1F)



VIDEO SIGNAL PATH



DO NOT USE PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NV-VHD1F
TV DEMODULATOR PACK SCHEMATIC DIAGRAM

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