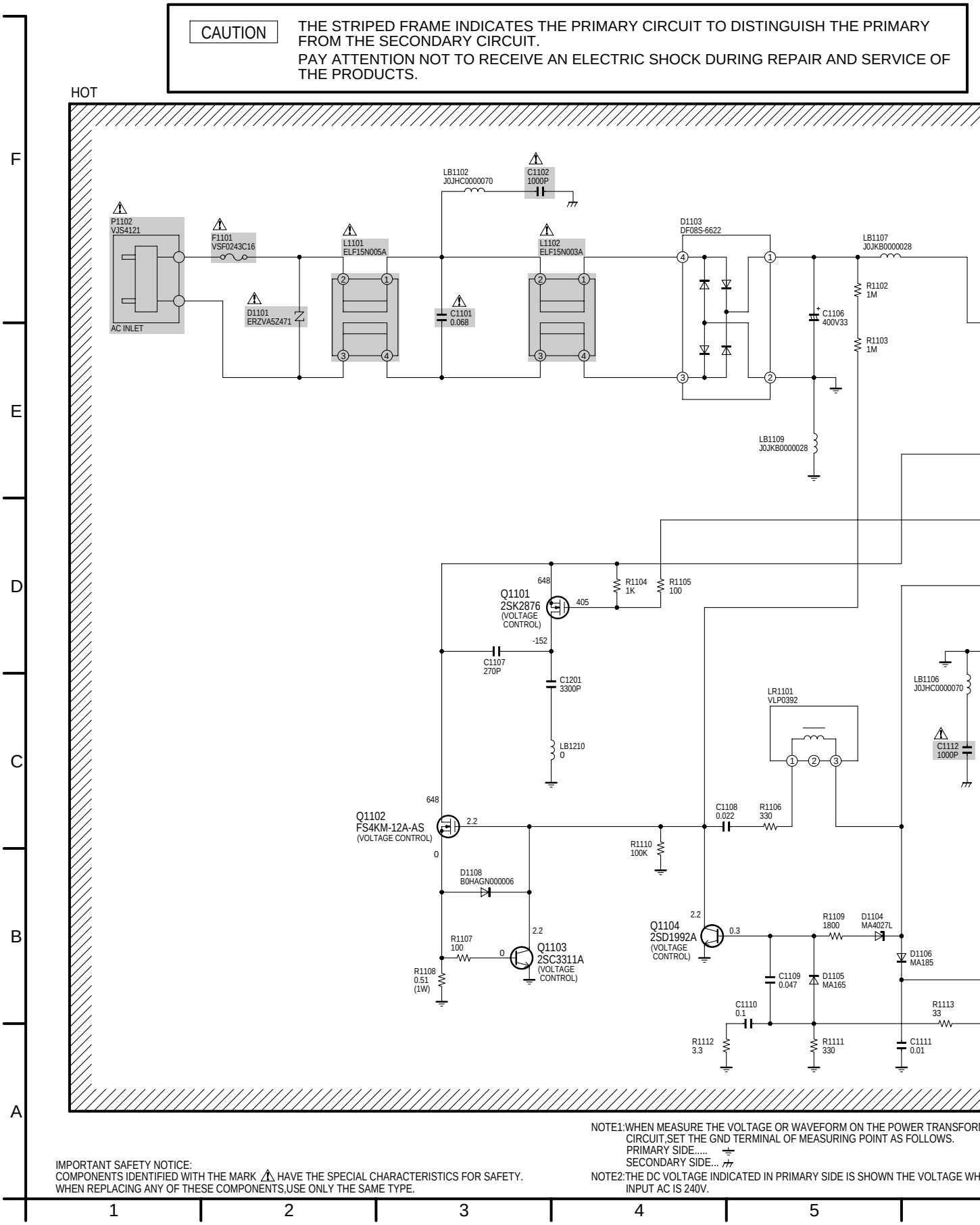
8 SCHEMATIC DIAGRAMS

8.1. POWER TRANSFORMER SECTION IN MAIN SCHEMATIC DIAGRAM

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.



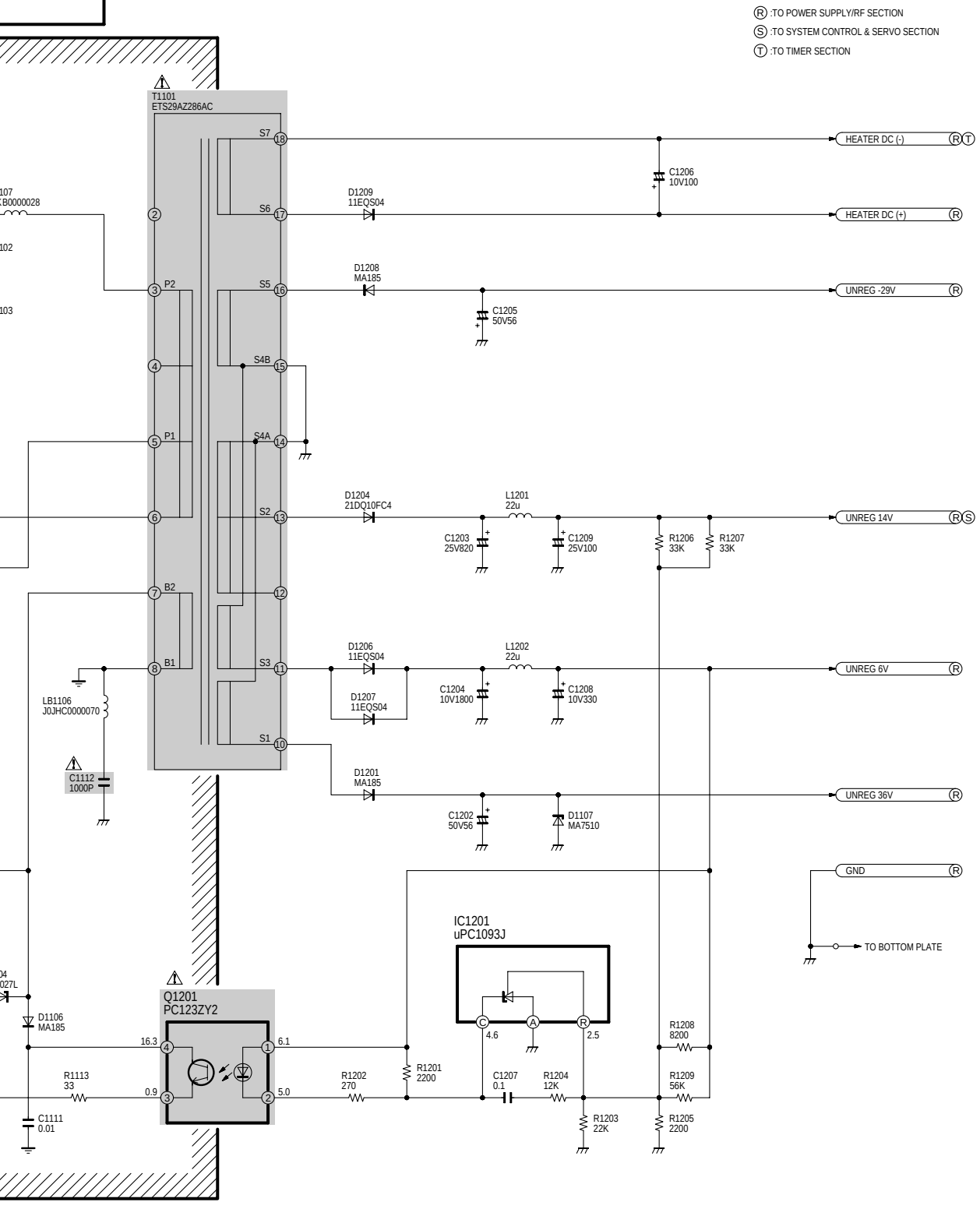
NOTE1:WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORM
CIRCUIT,SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE.....
SECONDARY SIDE...

NOTE2:THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WH
INPUT AC IS 240V.

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.

M

RIMARY
ERVICE OF



HE POWER TRANSFORMER
NT AS FOLLOWS.

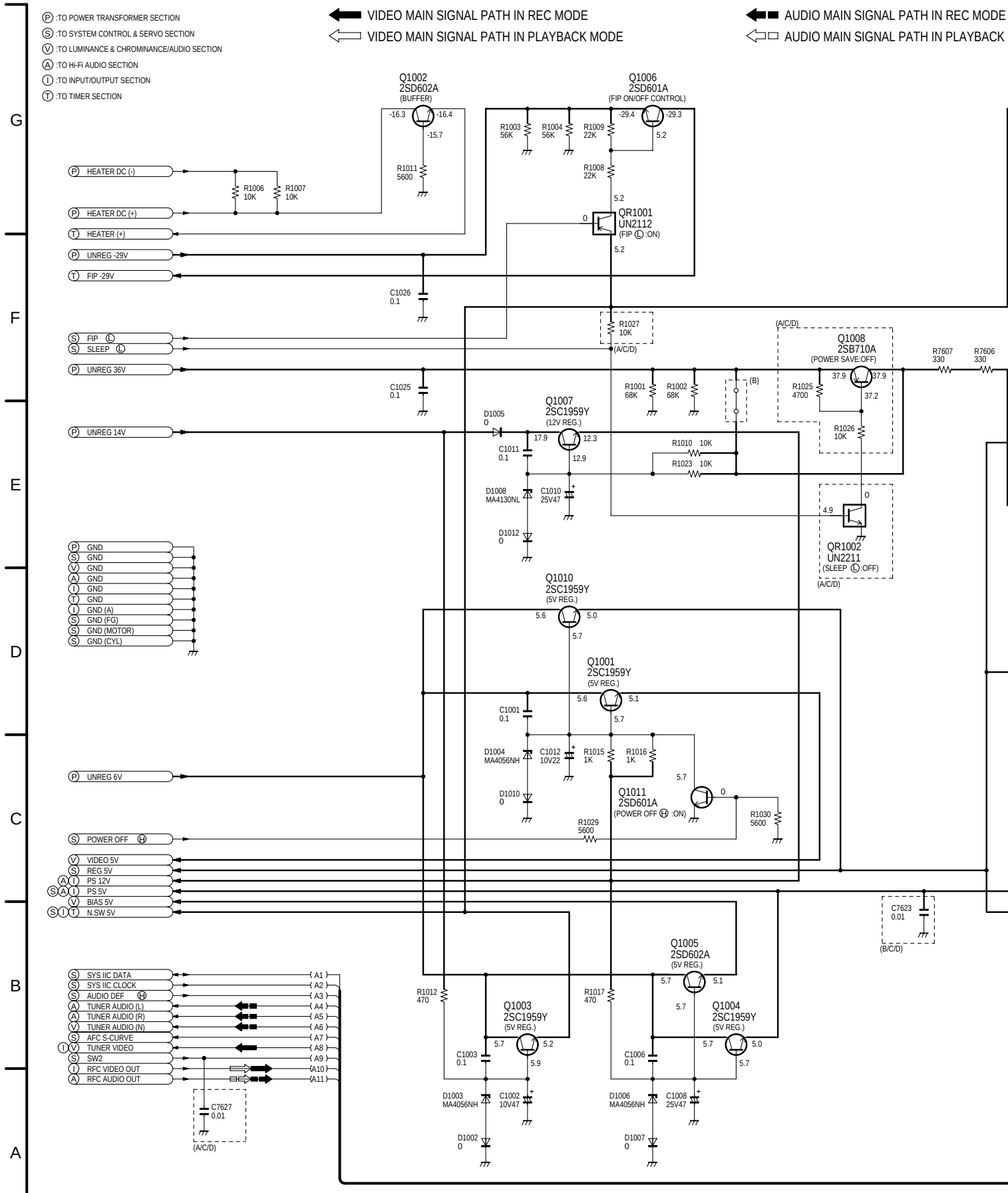
WN THE VOLTAGE WHEN

NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.
NOTE:THE MEASURMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NV-FJ730EG/B/EC,FJ732EE
POWER TRANSFORMER
SECTION SCHEMATIC DIAGRAM

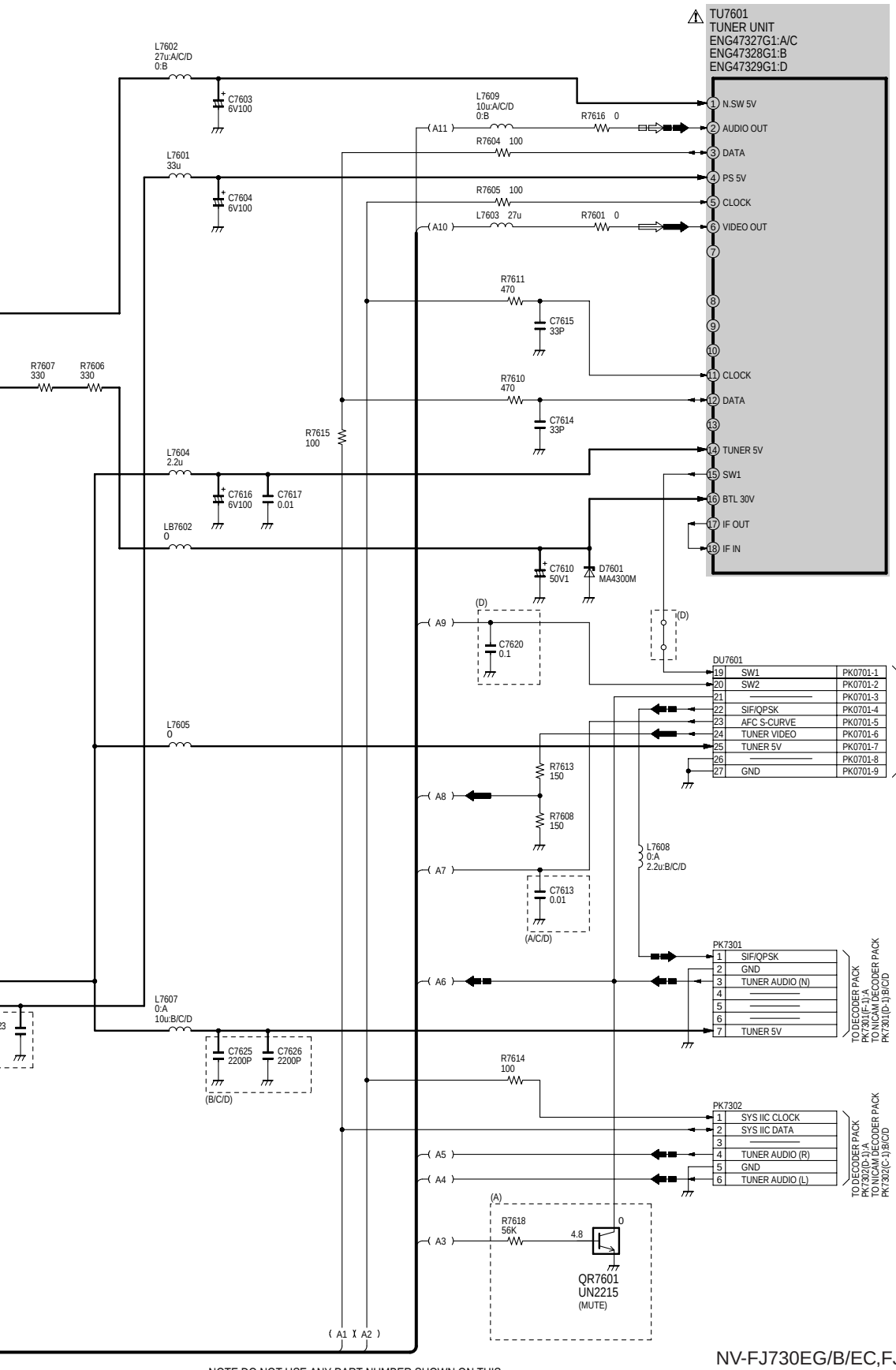
6 7 8 9 10

8.2. POWER SUPPLY/ RF SECTION IN MAIN SCHEMATIC DIAGRAM



ATH IN REC MODE

ATH IN PLAYBACK MODE



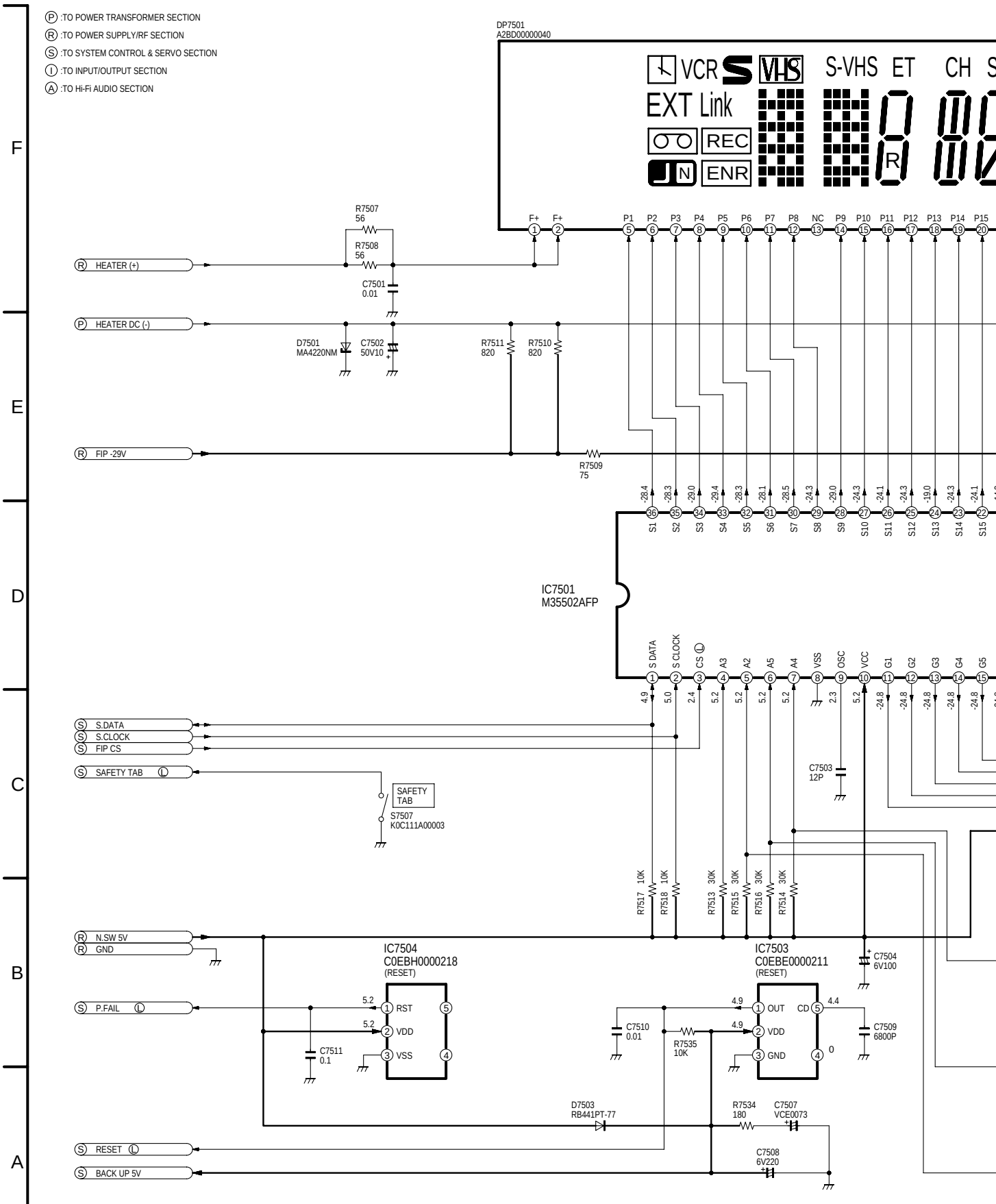
NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

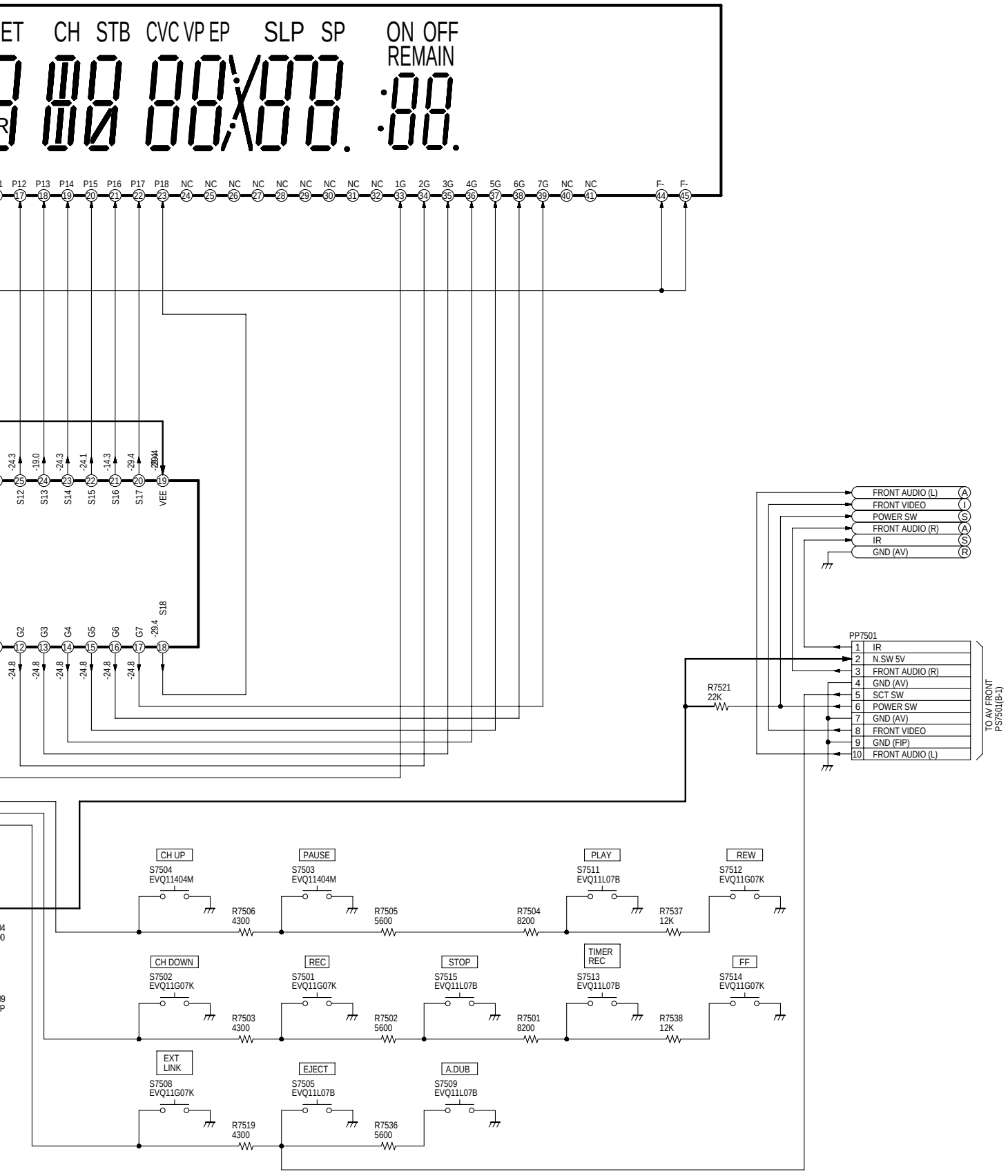
TOP MODE.

NV-FJ730EG/B/EC,FJ732EE
POWER SUPPLY/RF SECTION
SCHEMATIC DIAGRAM

6 | 7 | 8 | 9 | 10

8.3. TIMER SECTION IN MAIN SCHEMATIC DIAGRAM



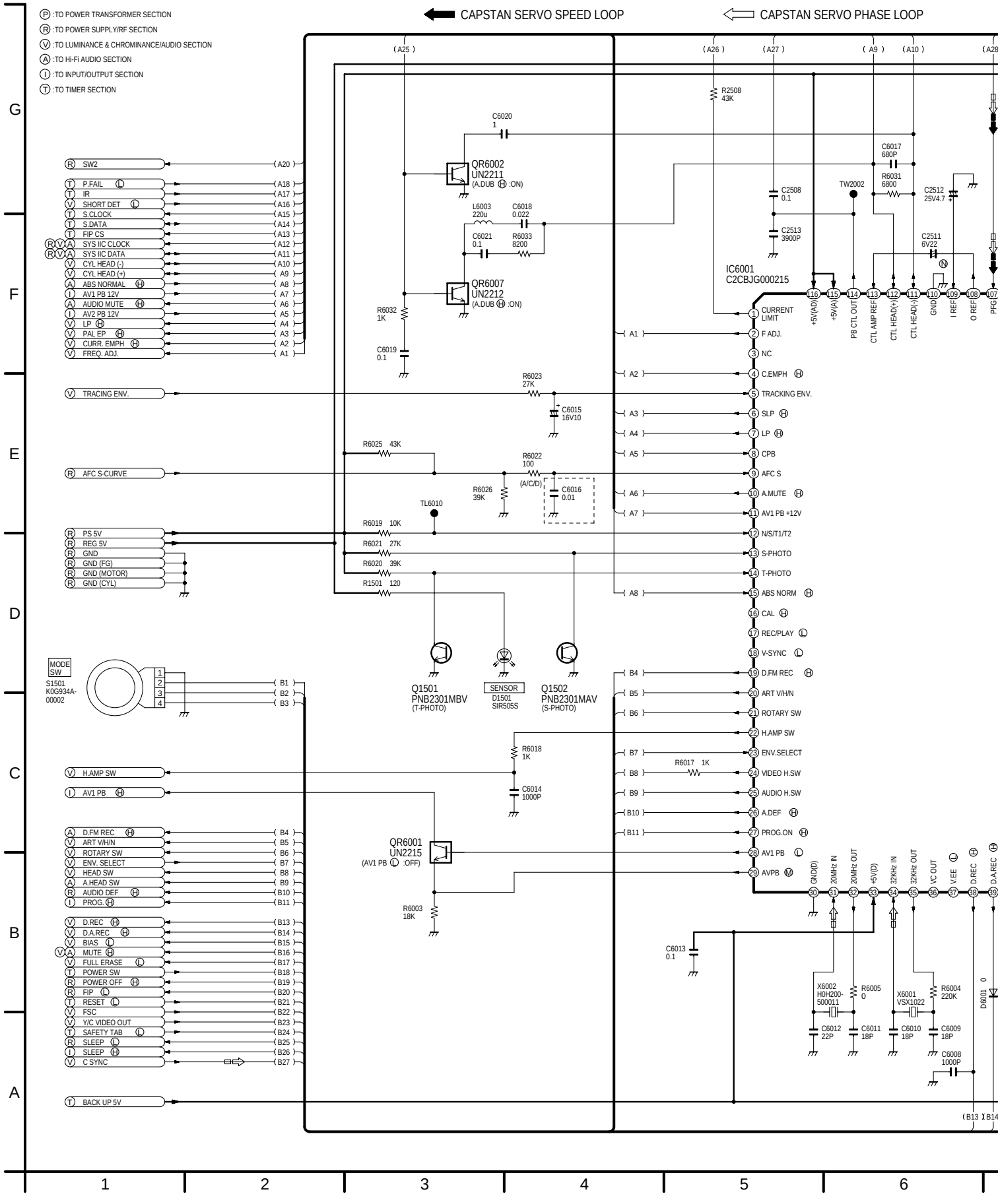


NOTE:DO NOT USE PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

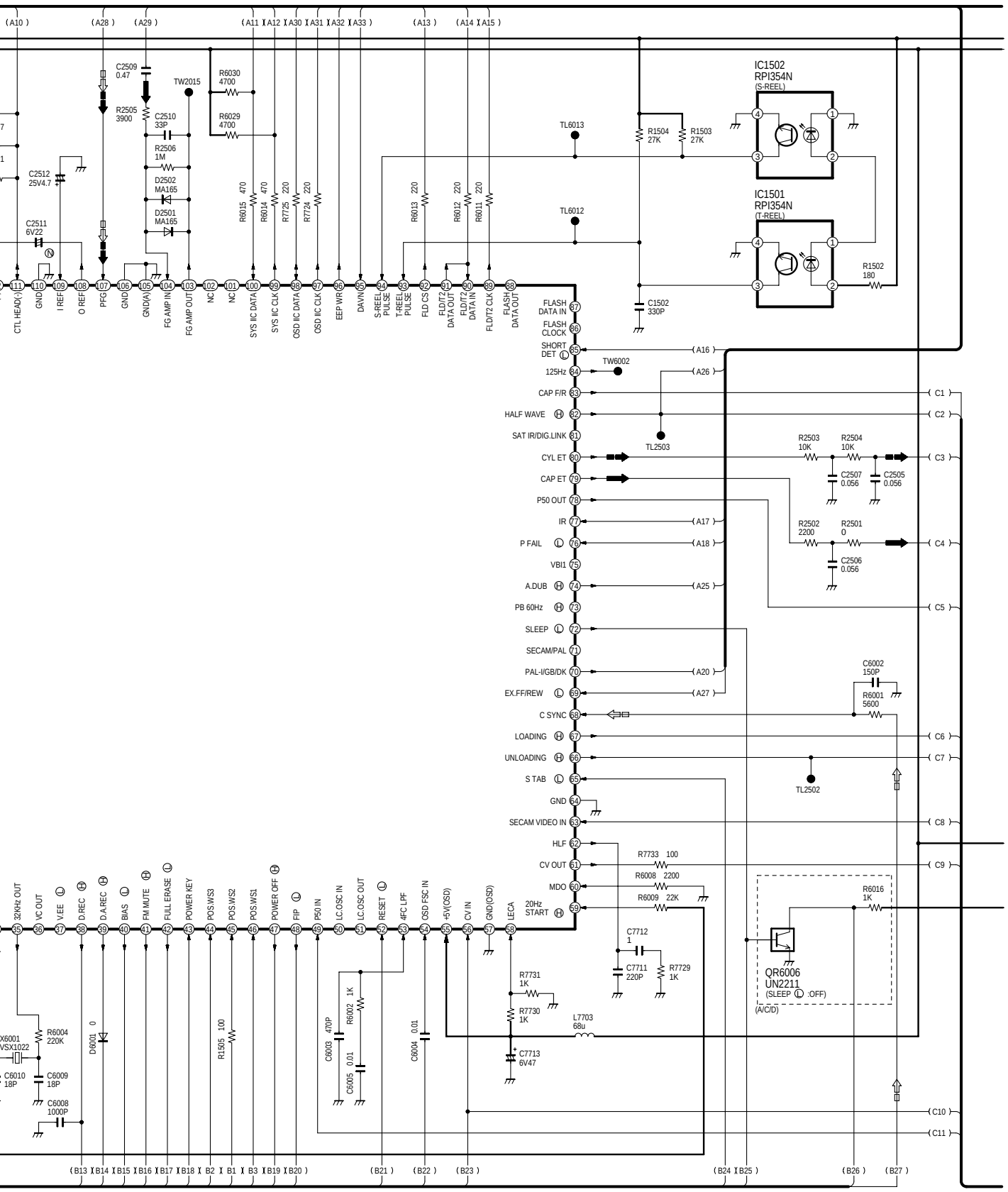
NV-FJ730EG/B/EC,FJ732EE
TIMER SECTION SCHEMATIC DIAGRAM

6 7 8 9 10

8.4. SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM

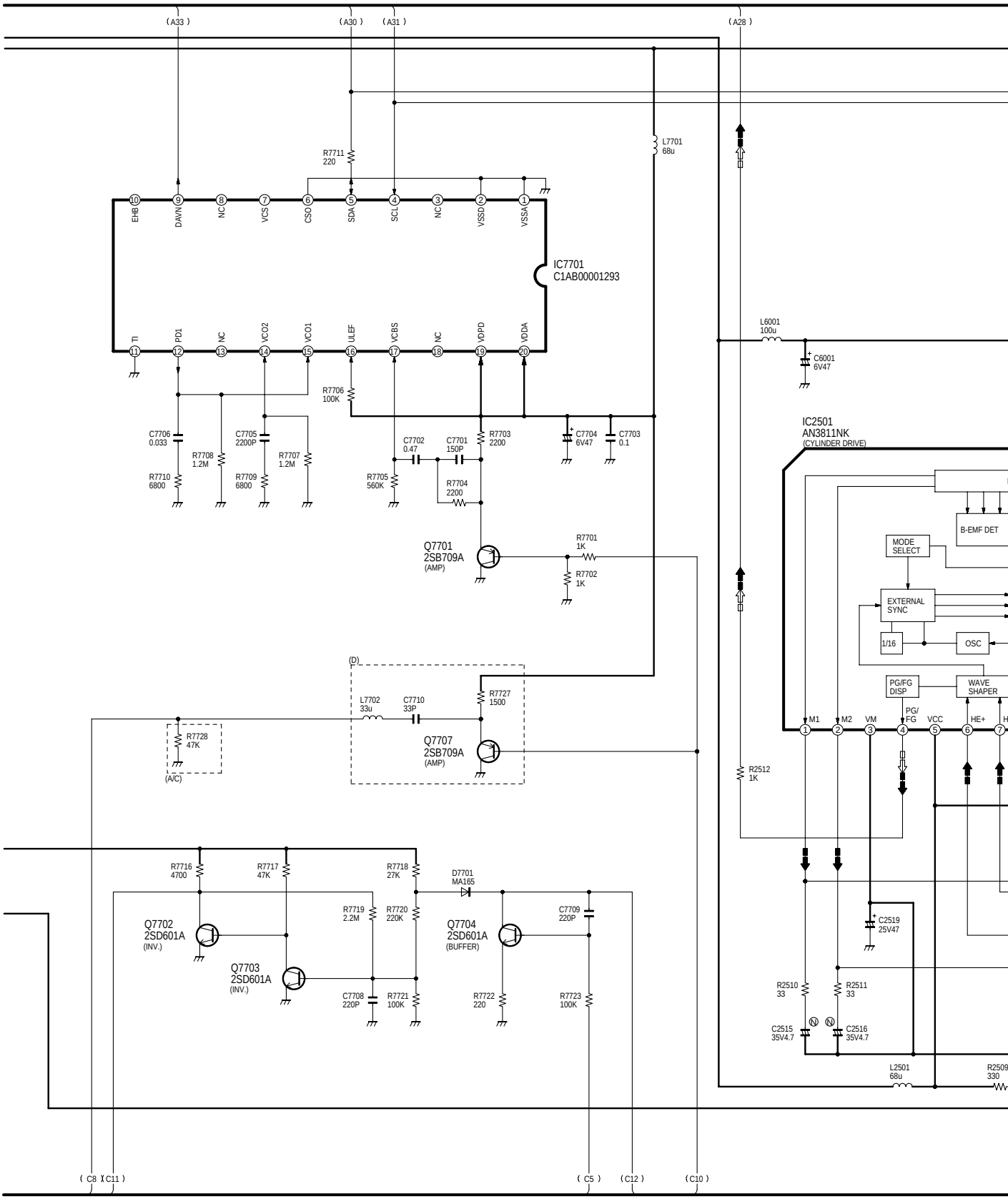


LOOP ◀■ CYLINDER SERVO SPEED LOOP ⇦□ CYLINDER SERVO PHASE LOOP



NV-FJ730EG/B/EC,FJ732EE
SYSTEM CONTROL & SERVO SECTION SCHEMATIC DIAGRAM

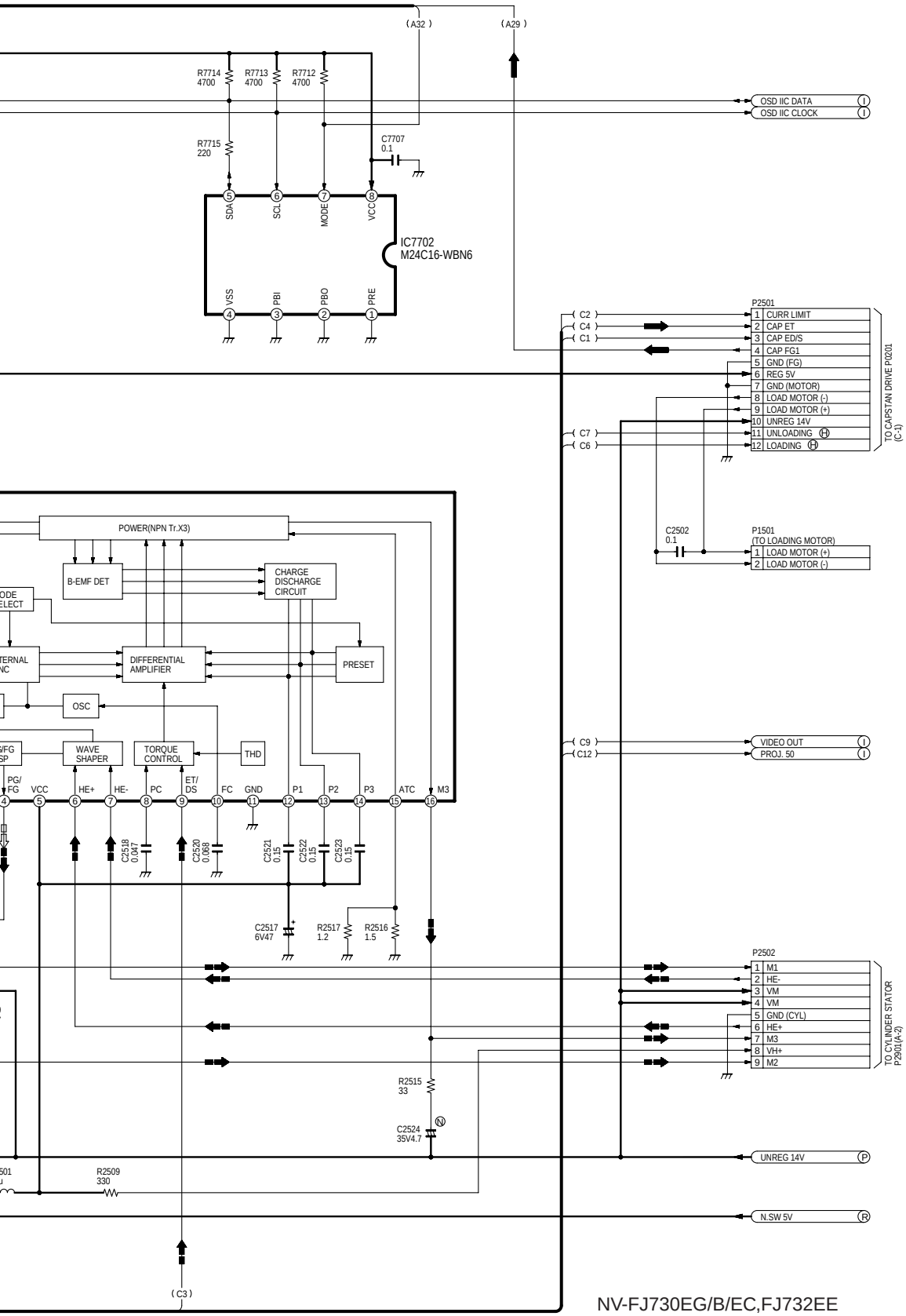
6 | 7 | 8 | 9 | 10 | 11



NV-FJ730EG/B/EC,FJ732EE
SYSTEM CONTROL & SERVO SECTION 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.

12 | 13 | 14 | 15 | 16 | 17

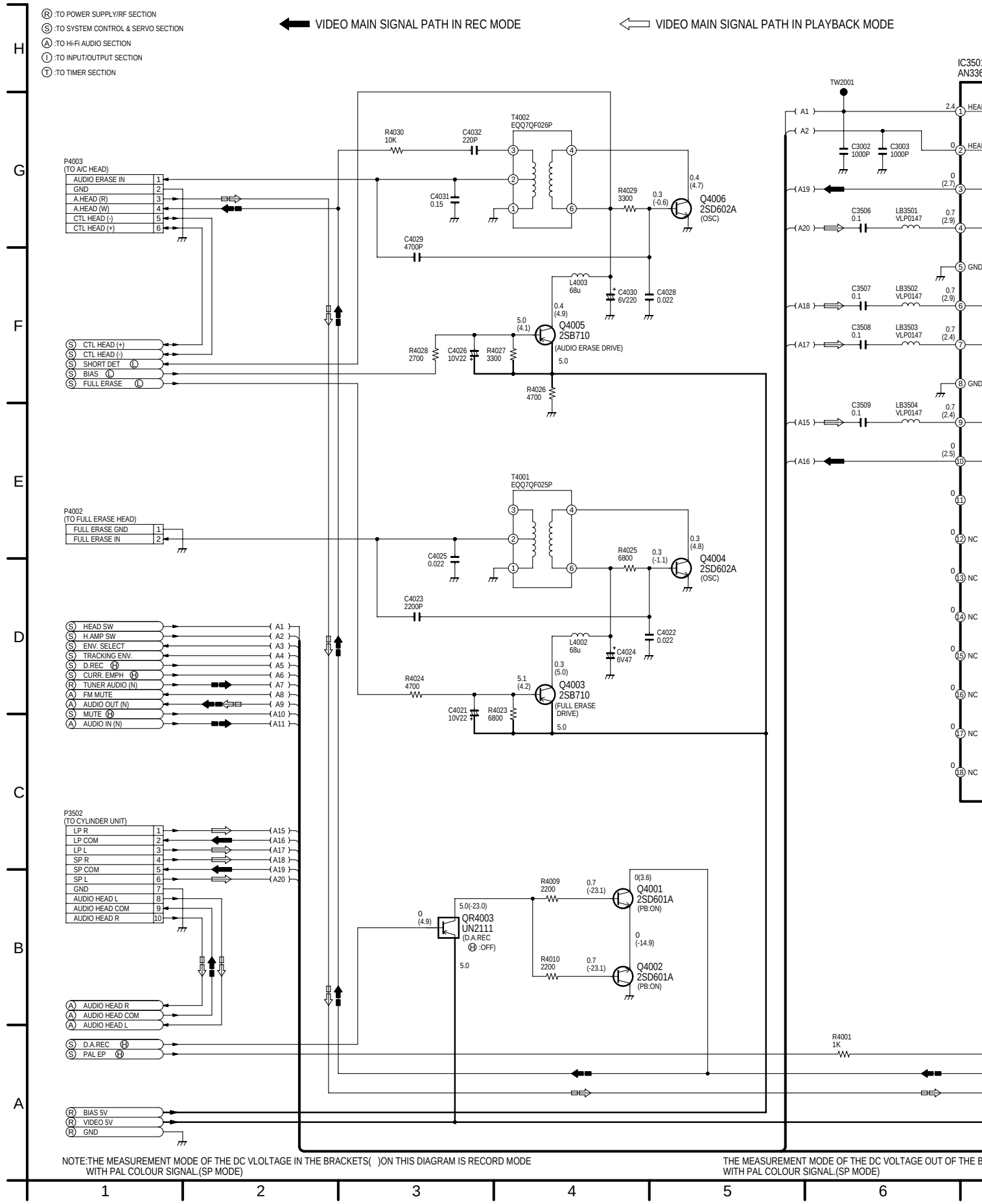


HEMATIC DIAGRAM FOR
R TO PARTS LIST.

NV-FJ730EG/B/EC,FJ732EE
SYSTEM CONTROL & SERVO
SECTION SCHEMATIC DIAGRAM

17 | 18 | 19 | 20 | 21

8.5. LUMINANCE & CHROMINANCE/ AUDIO SECTION IN MAIN SCHEMATIC DIAGR

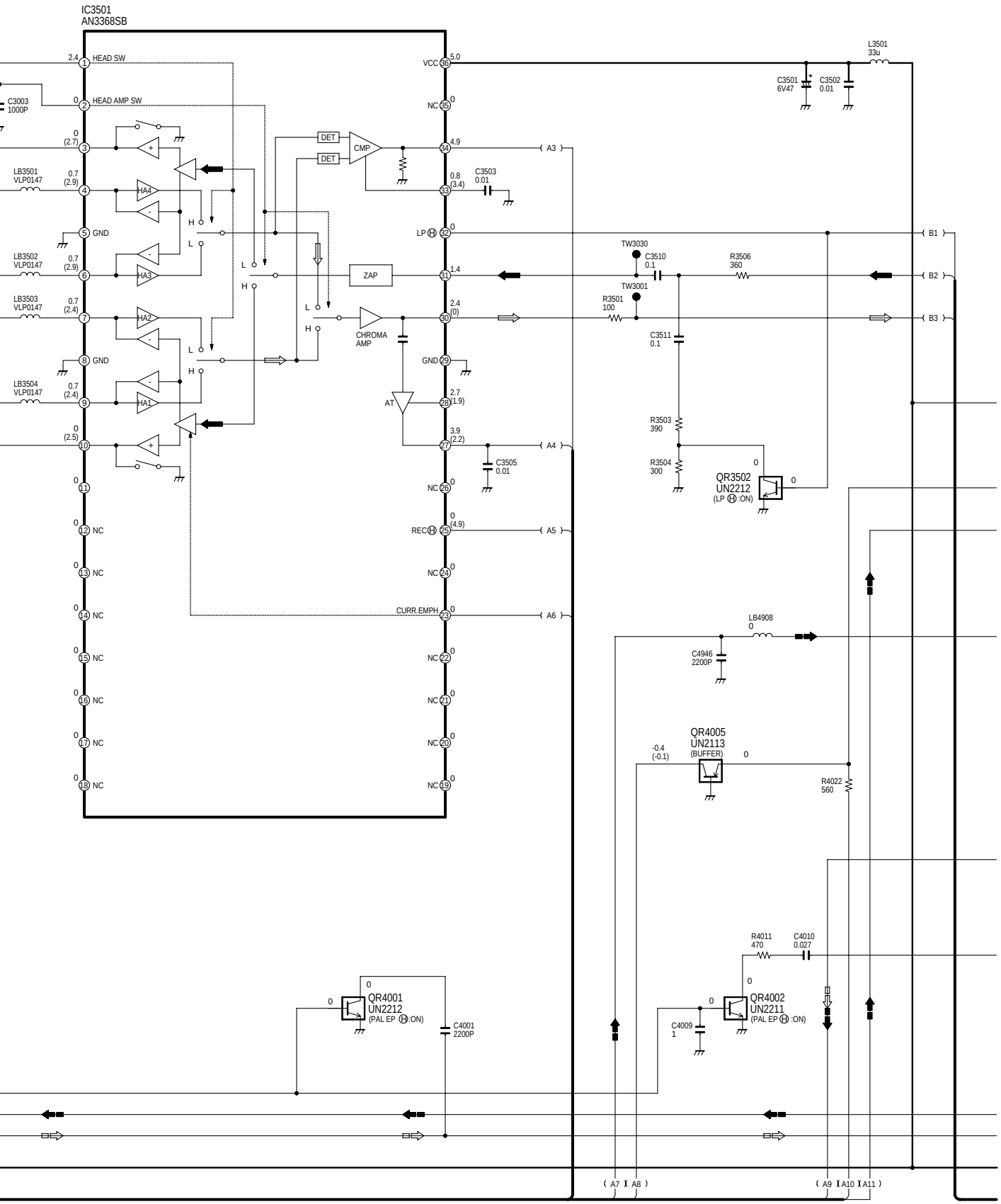


C DIAGRAM

DE

AUDIO MAIN SIGNAL PATH IN REC MODE

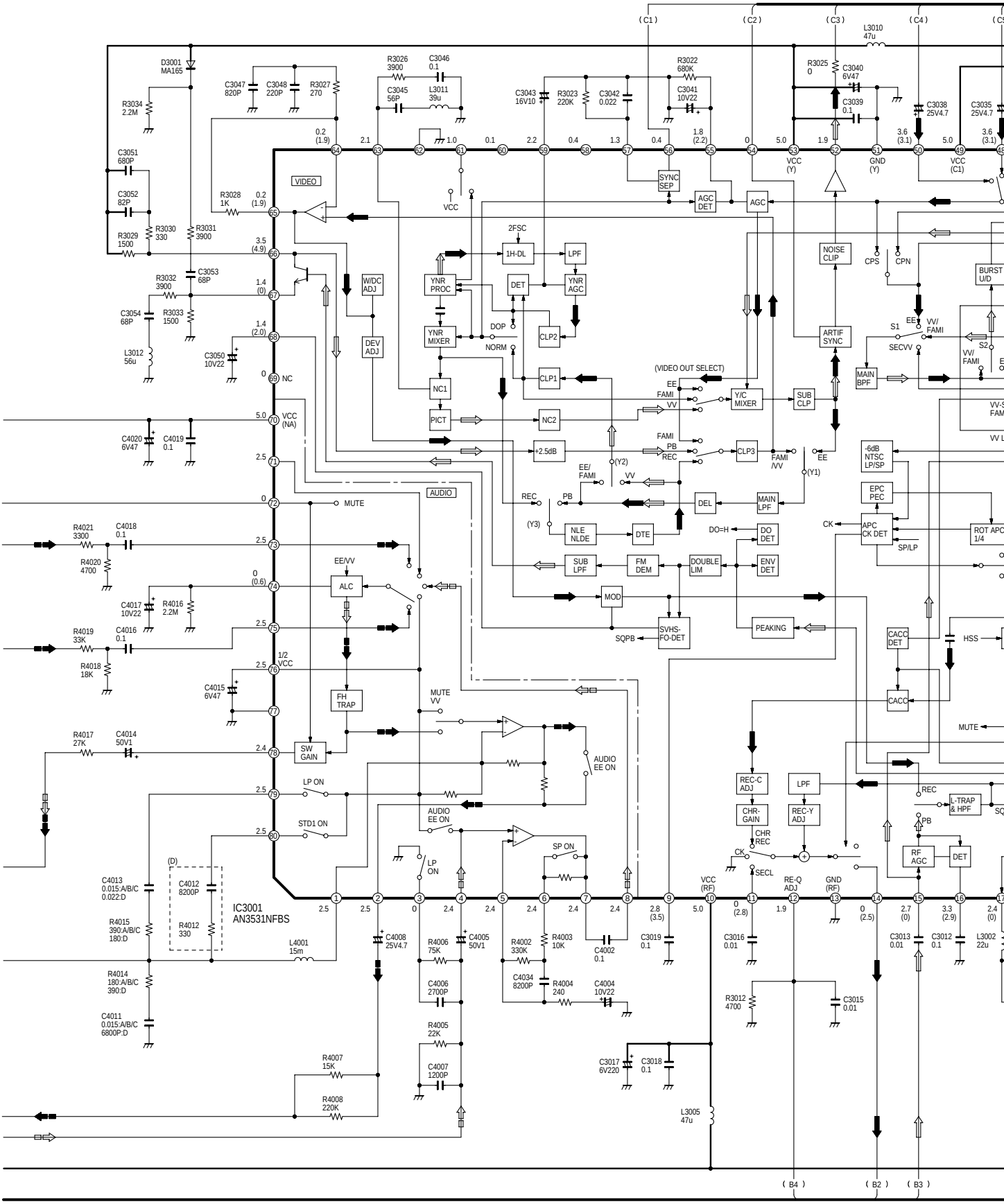
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE

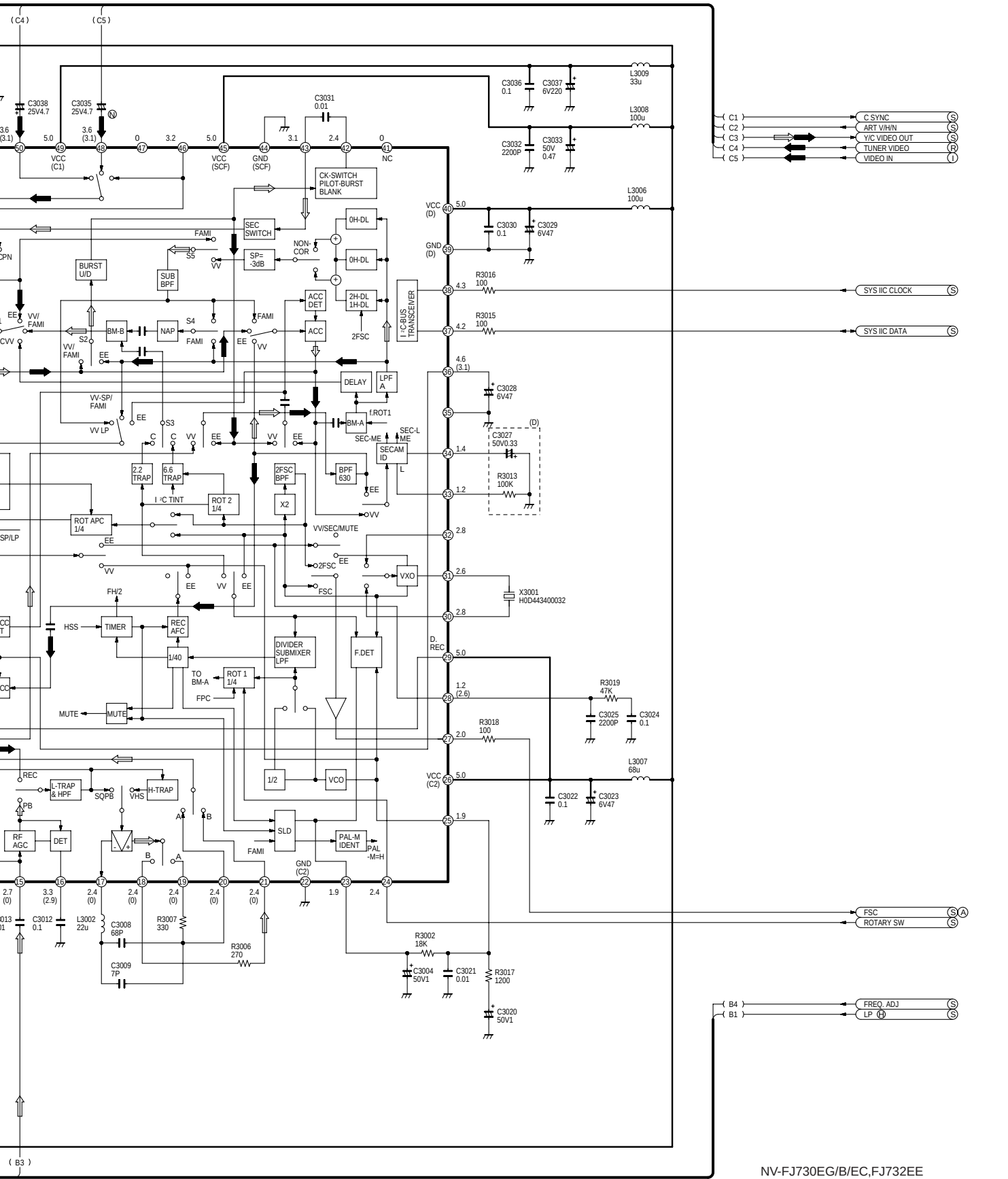
NV-FJ730EG/B/EC,FJ732EE
LUMINANCE & CHROMINANCE/AUDIO SECTION SCHEMATIC DIAGRAM

6 | 7 | 8 | 9 | 10 | 11 | 12



NV-FJ730EG/B/EC,FJ732EE
LUMINANCE & CHROMINANCE/AUDIO SECTION SCHEMATIC DIAGRAM

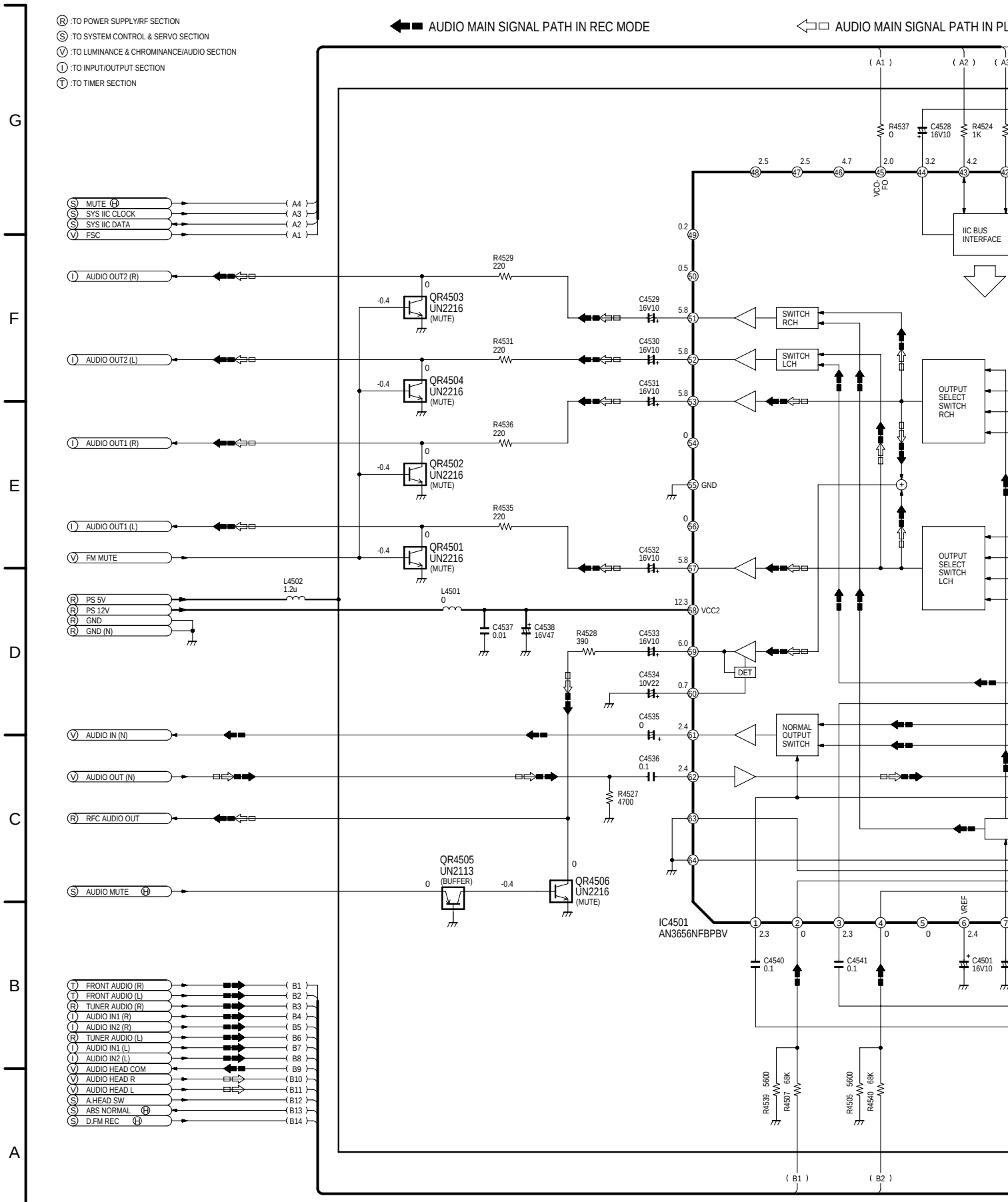
12 | 13 | 14 | 15 | 16 | 17



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-FJ730EG/B/EC,FJ732EE
LUMINANCE & CHROMINANCE/AUDIO SECTION SCHEMATIC DIAGRAM

8.6. Hi-Fi AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



SIGNAL PATH IN PLAYBACK MODE

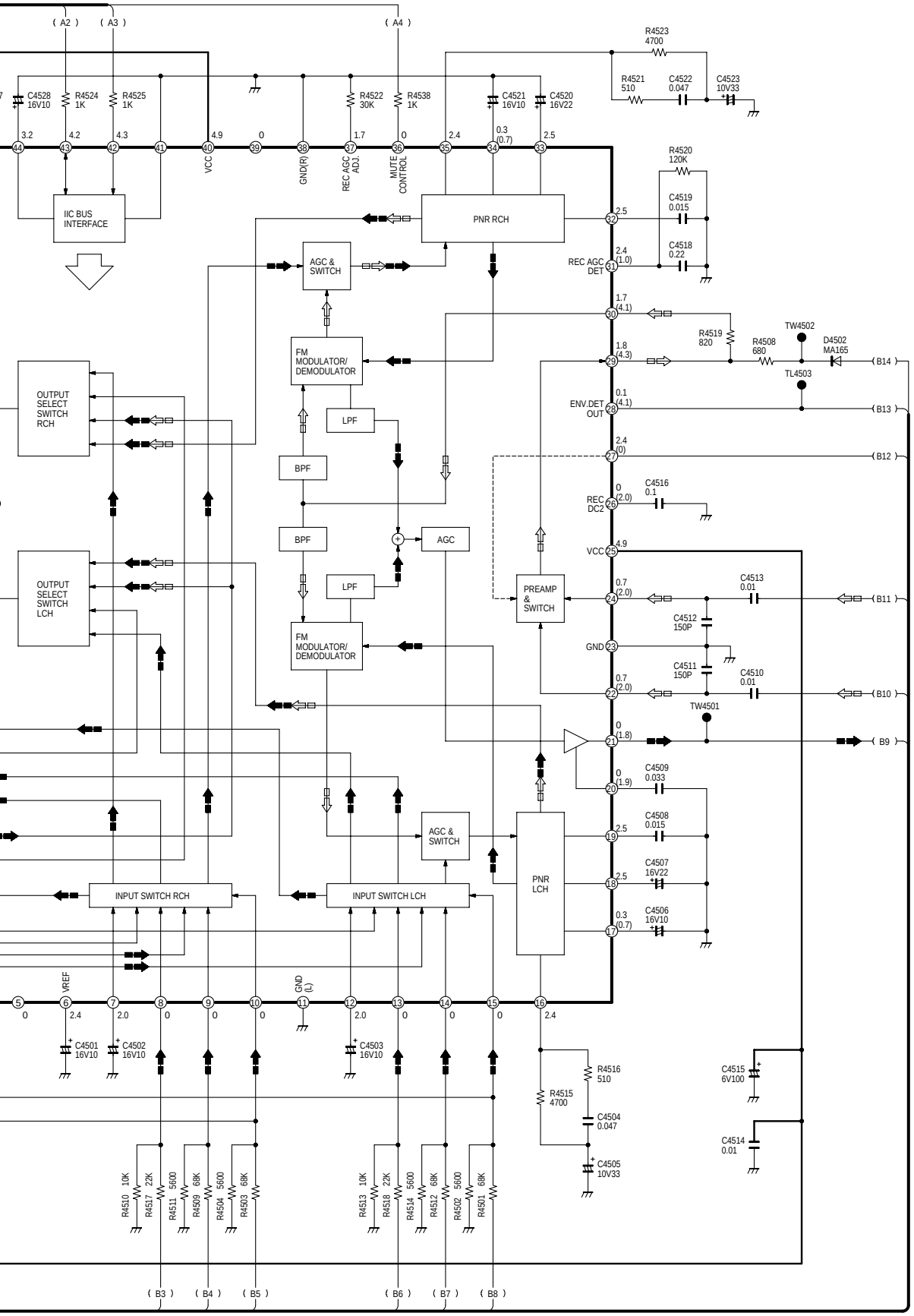


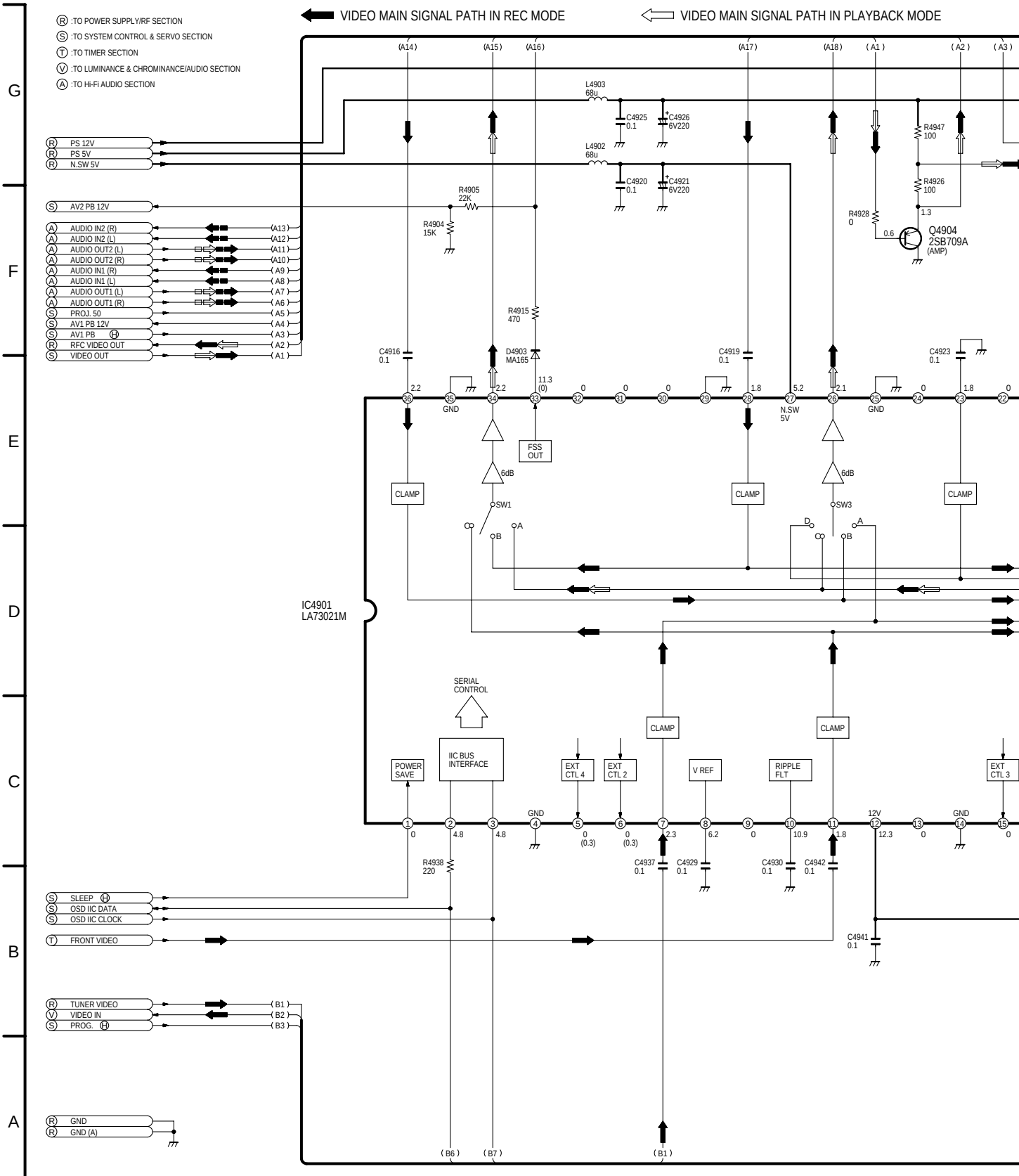
DIAGRAM IS PLAYBACK MODE

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

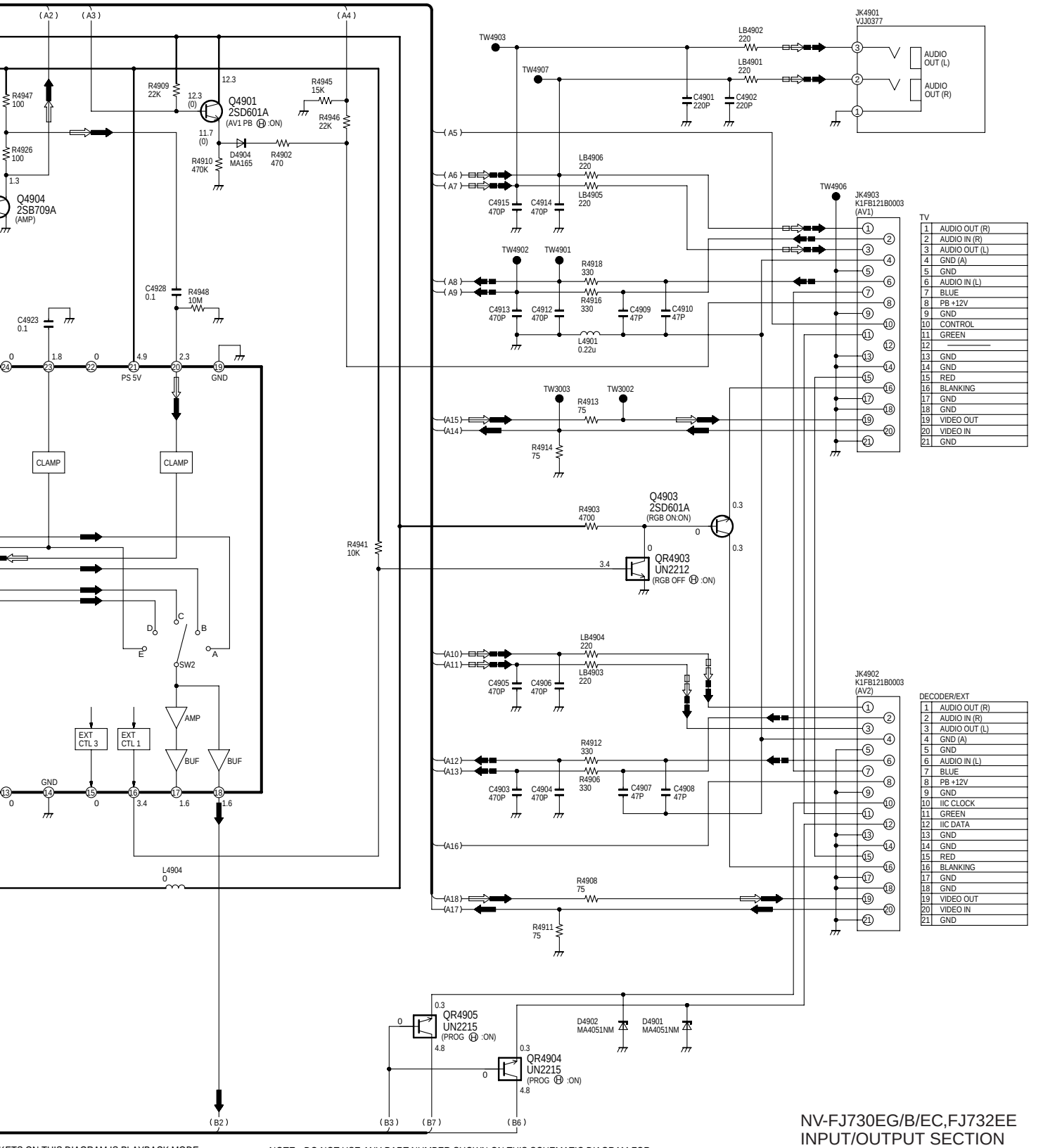
NV-FJ730EG/B/EC,FJ732EE
Hi-Fi AUDIO SECTION SCHEMATIC DIAGRAM

6	7	8	9	10

8.7. INPUT/ OUTPUT SECTION IN MAIN SCHEMATIC DIAGRAM



MODE ◀■ AUDIO MAIN SIGNAL PATH IN REC MODE ⇦□ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



TV

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	———
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

DECODER/EXT

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	IIC CLOCK
11	GREEN
12	IIC DATA
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

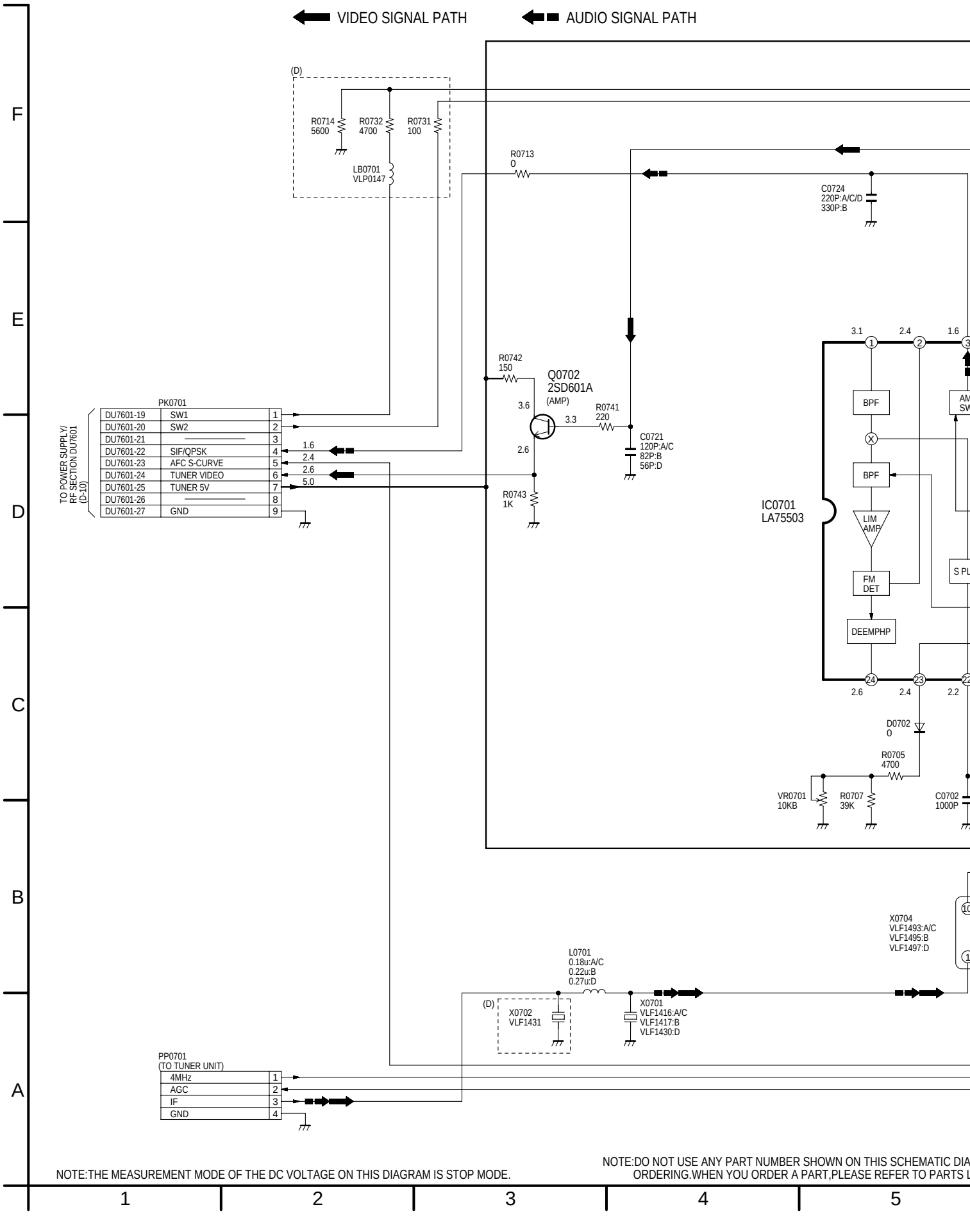
KETS ON THIS DIAGRAM IS PLAYBACK MODE

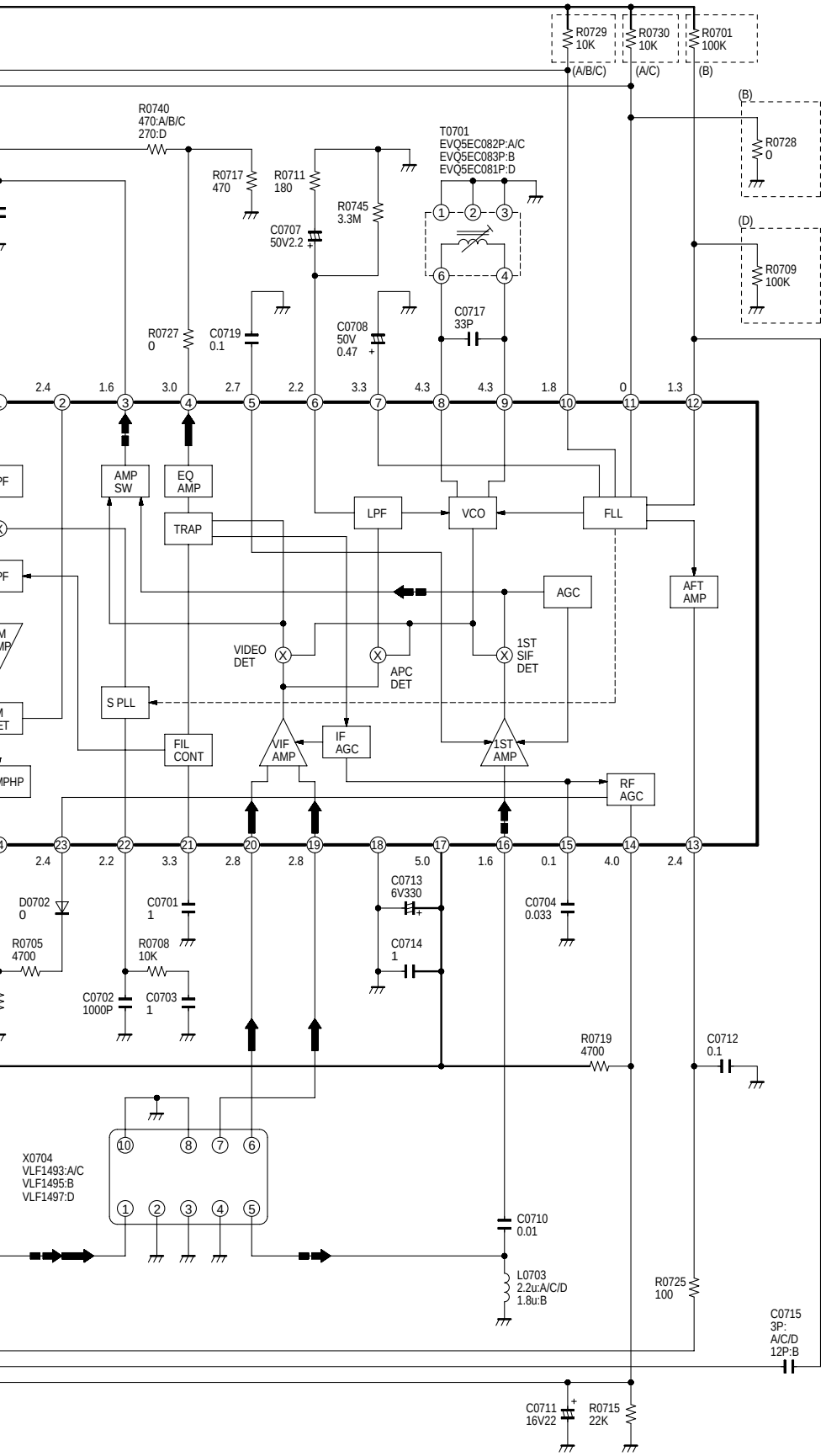
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

NV-FJ730EG/B/EC,FJ732EE
INPUT/OUTPUT SECTION
SCHEMATIC DIAGRAM

6 | 7 | 8 | 9 | 10 | 11

8.8. TV DEMODULATOR PACK SCHEMATIC DIAGRAM



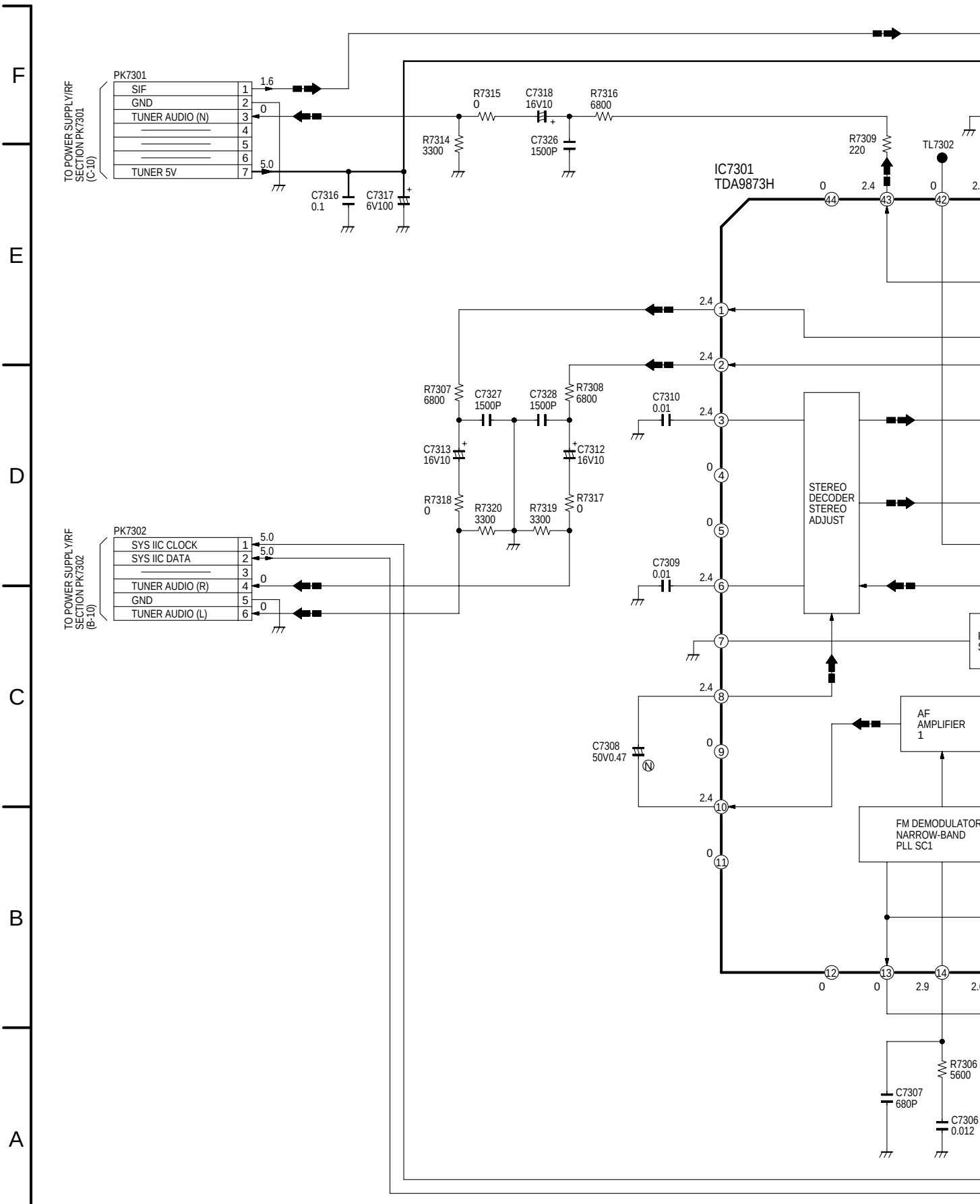


HIS SCHEMATIC DIAGRAM FOR
REFER TO PARTS LIST.

NV-FJ730EG/B/EC,FJ732EE
TV DEMODULATOR PACK SCHEMATIC DIAGRAM

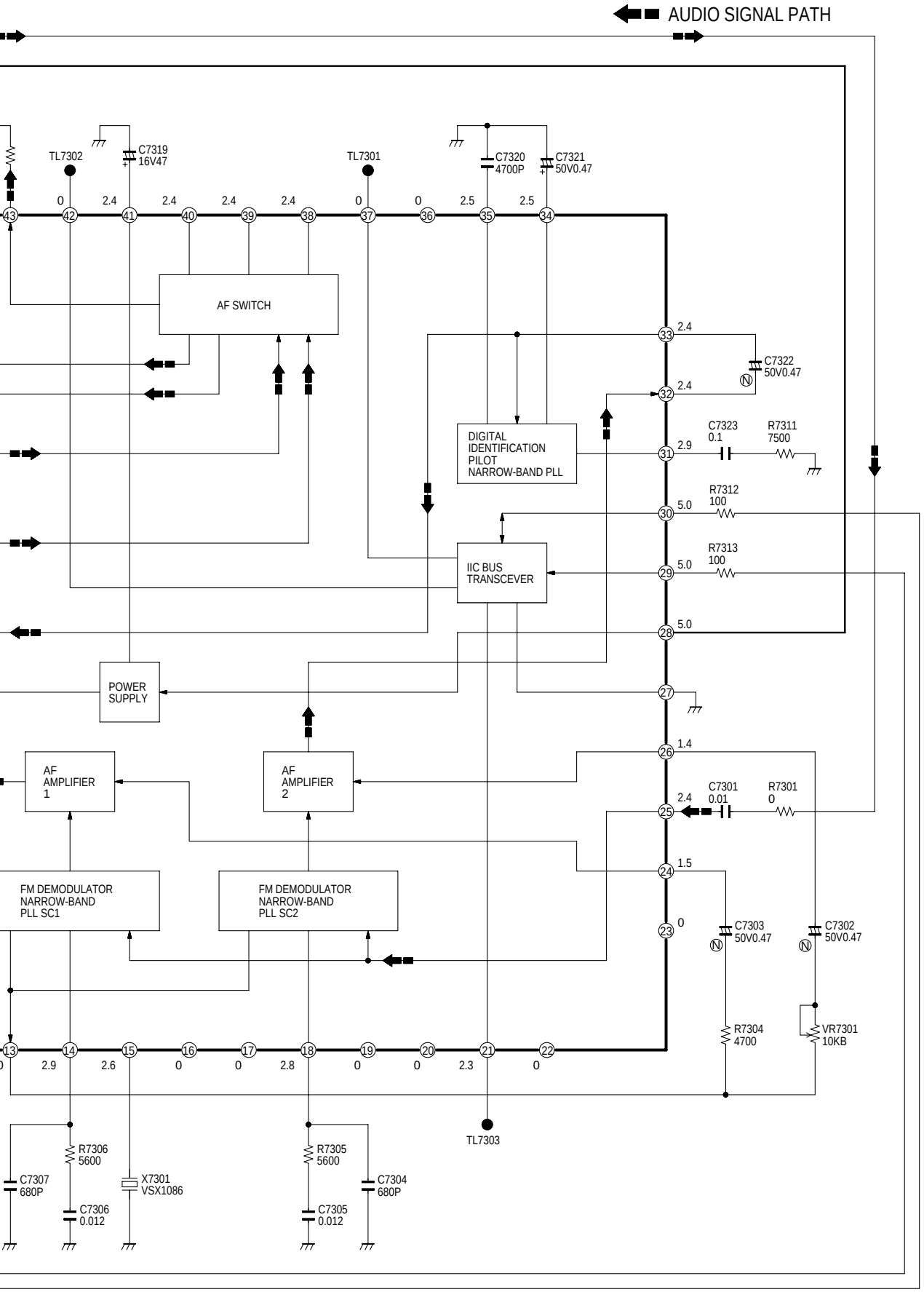
5	6	7	8

8.9. DECODER PACK SCHEMATIC DIAGRAM (NV-FJ730EG)



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

NOTE: DO NOT USE ANY
ORDERING. WH

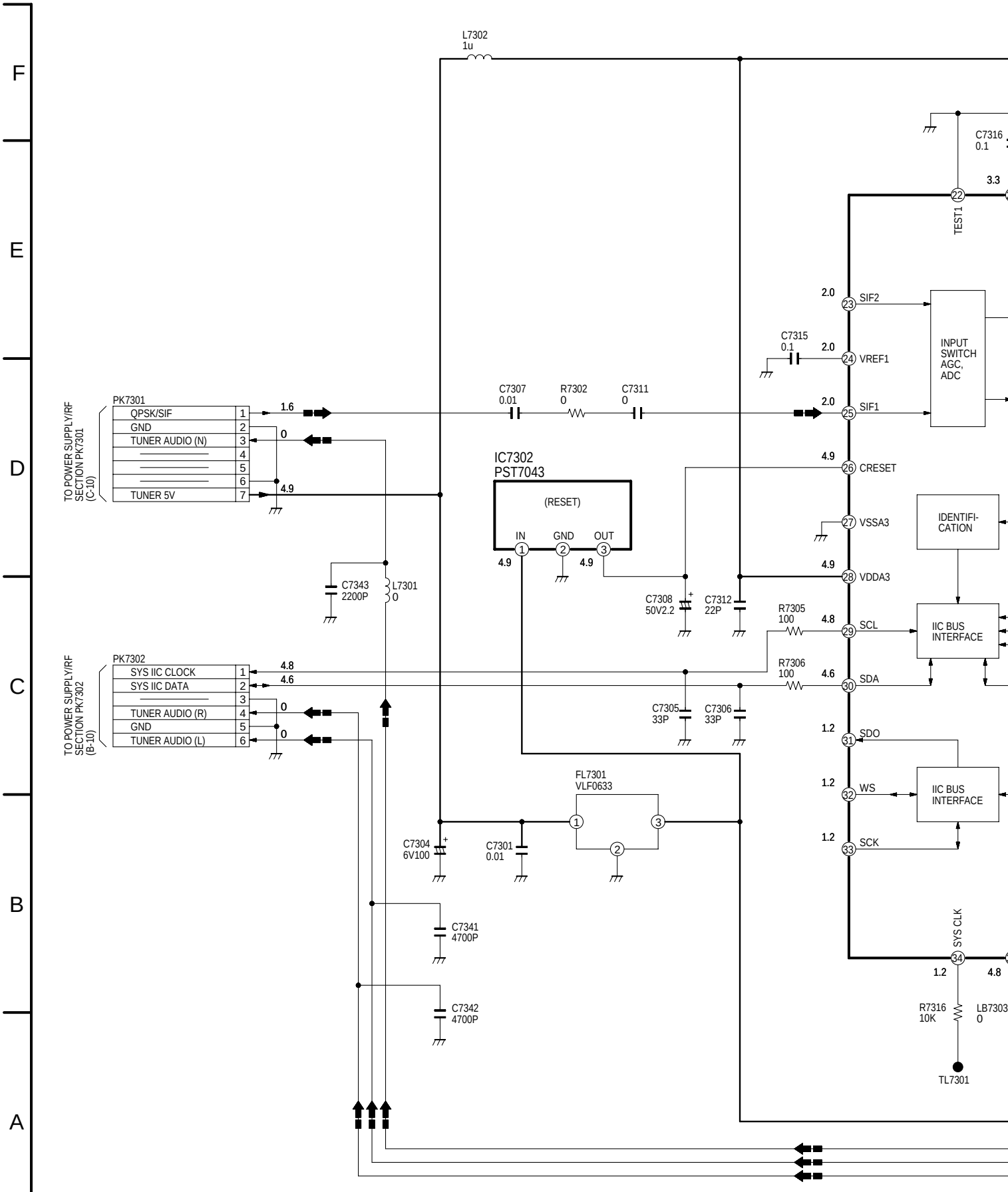


E: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

NV-FJ730EG
DECODER PACK SCHEMATIC DIAGRAM

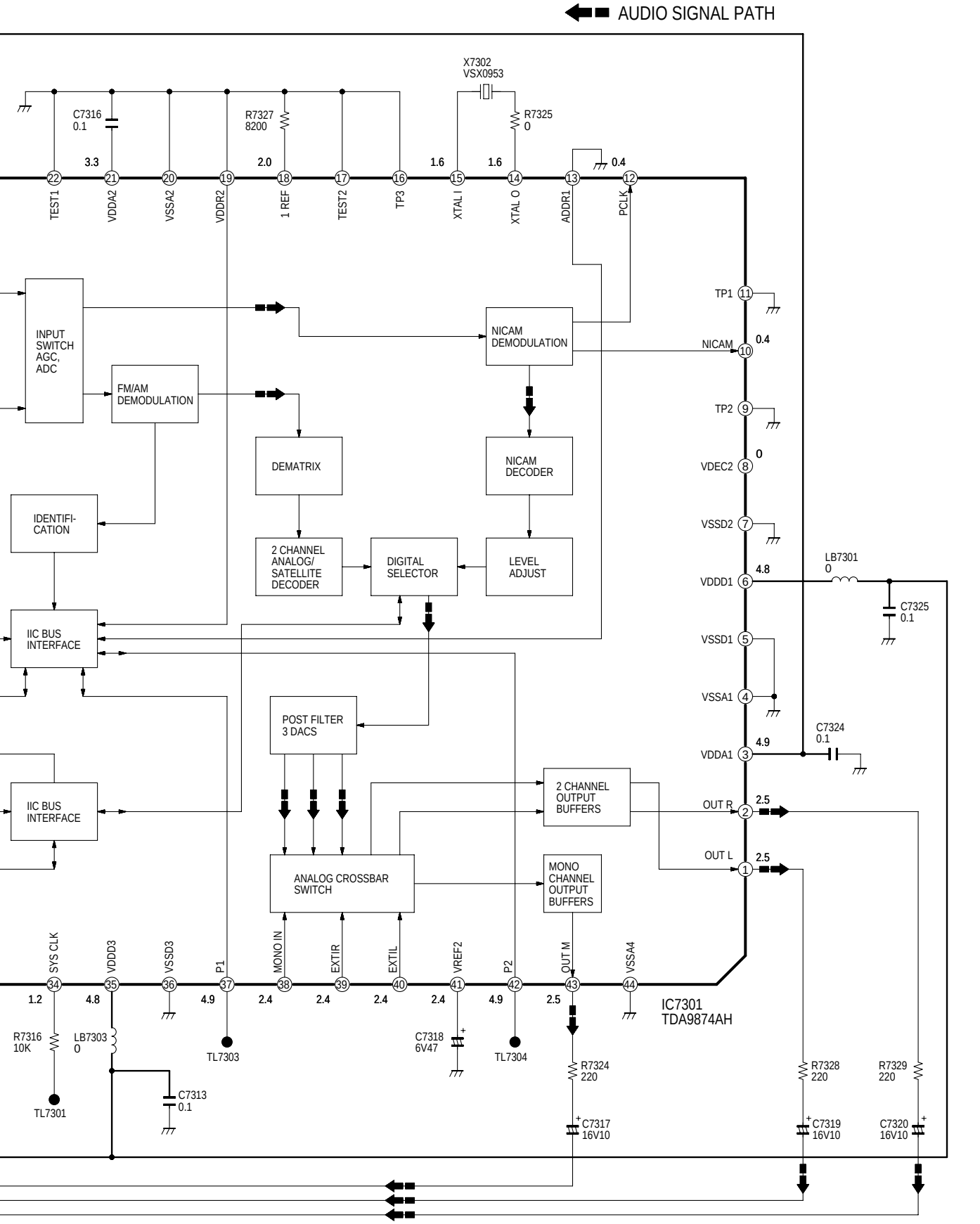
5 6 7 8

8.10. NICAM DECODER PACK SCHEMATIC DIAGRAM (NV-FJ730B/EC, FJ732EE)



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

NOTE: DO NOT USE ANY PART
ORDERING. WHEN YOU

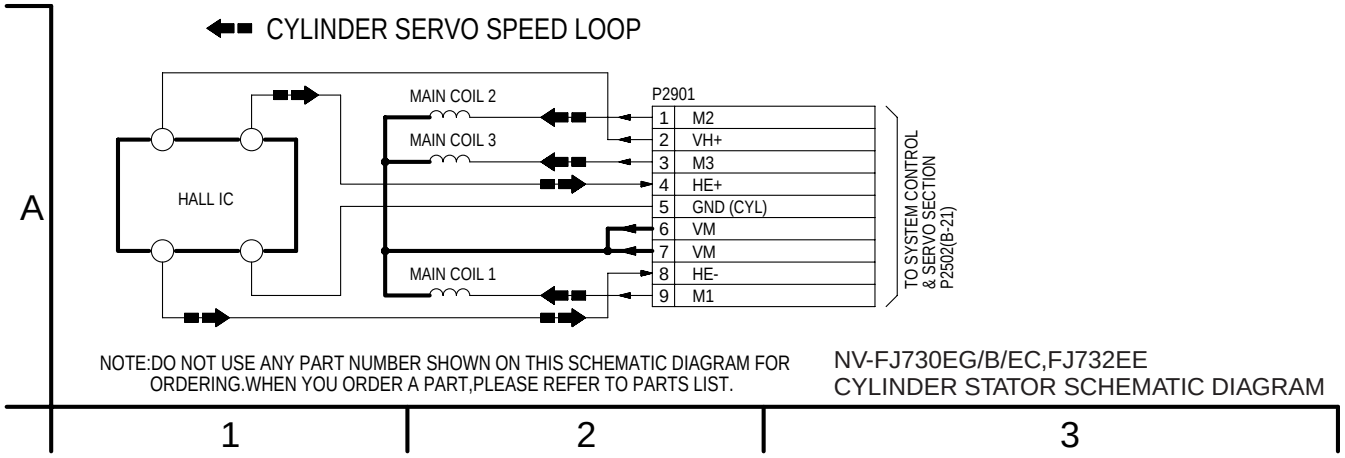


T USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR RING. WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

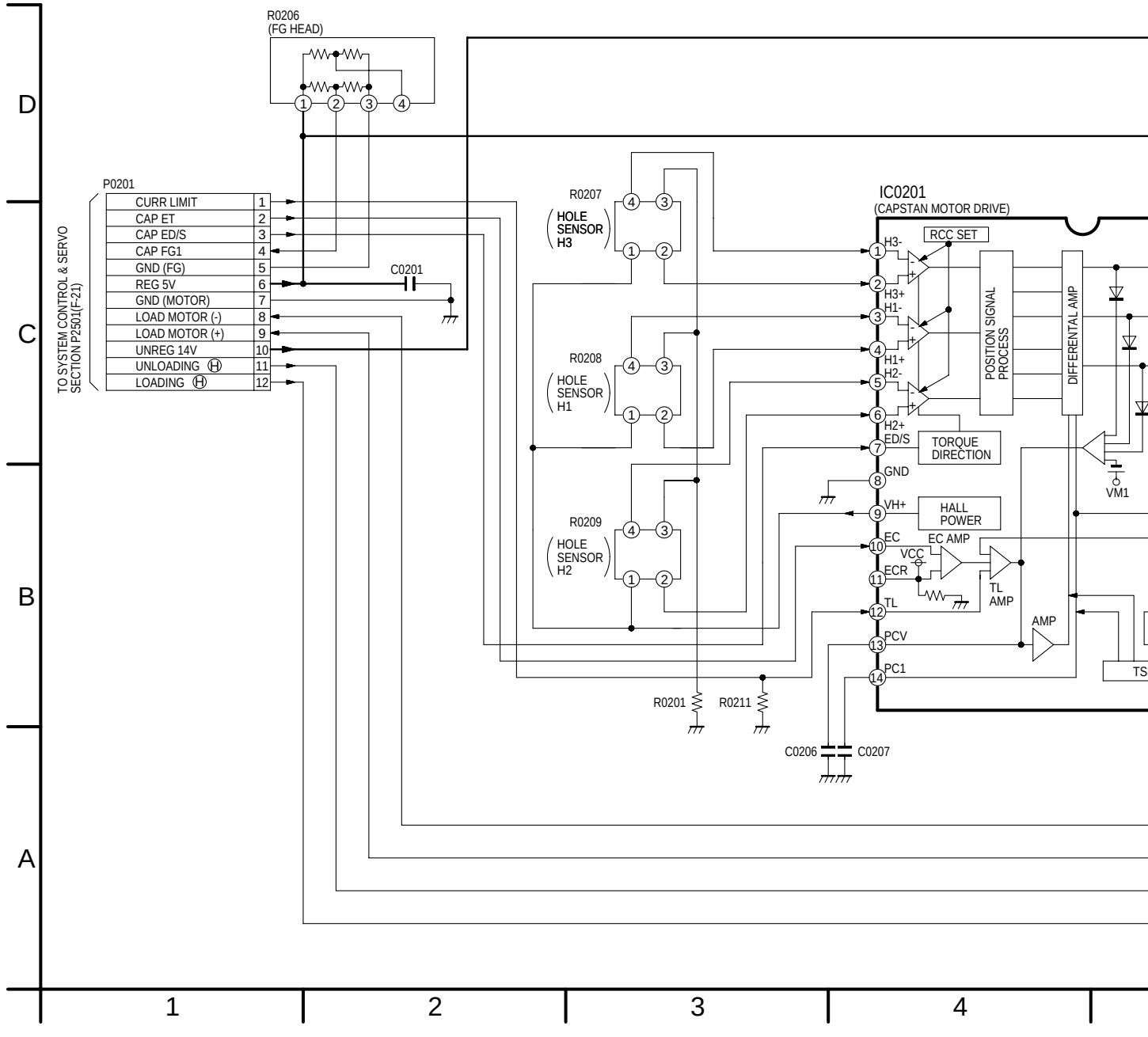
NV-FJ730B/EC,FJ732EE
NICAM DECODER PACK SCHEMATIC DIAGRAM

5 | 6 | 7 | 8

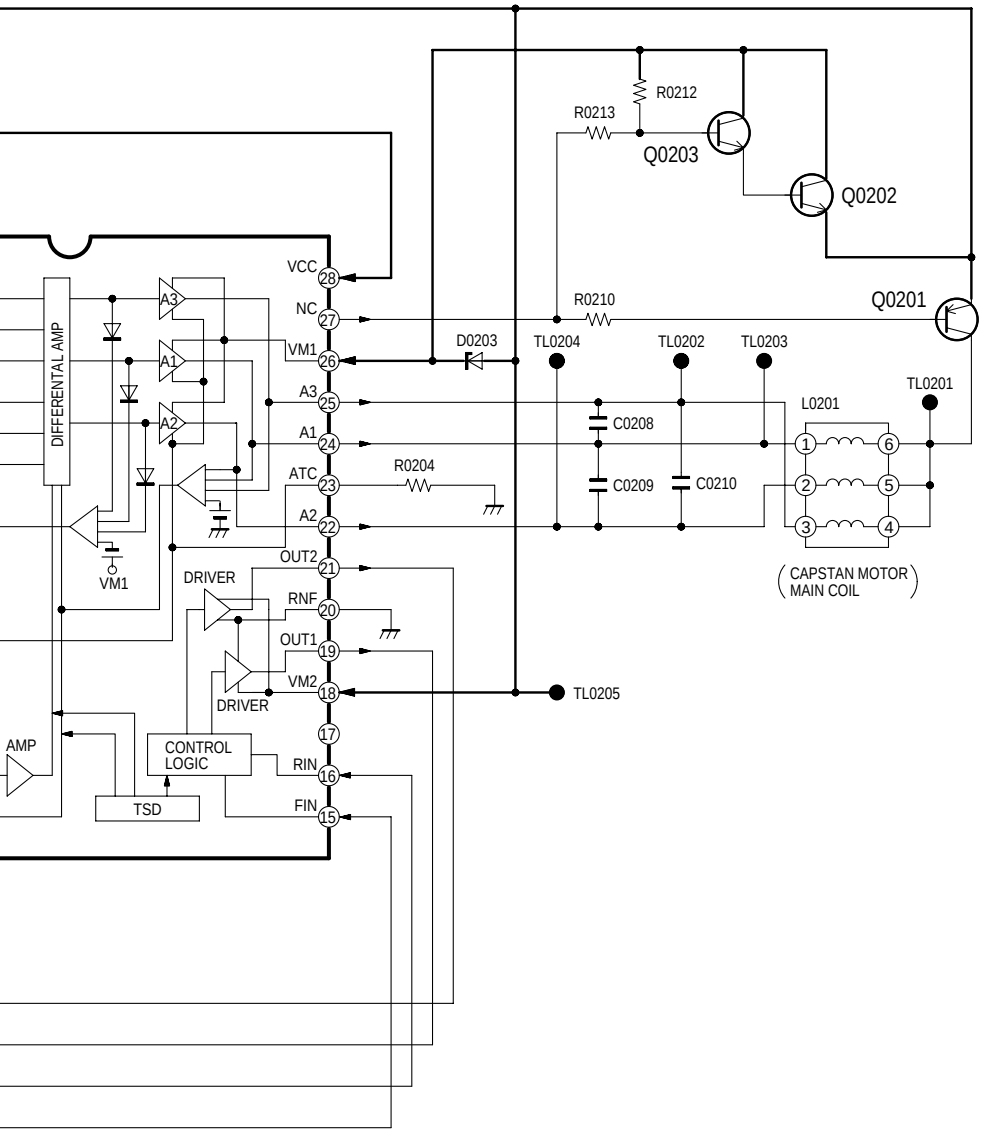
8.11. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM



8.12. CAPSTAN UNIT SCHEMATIC DIAGRAM



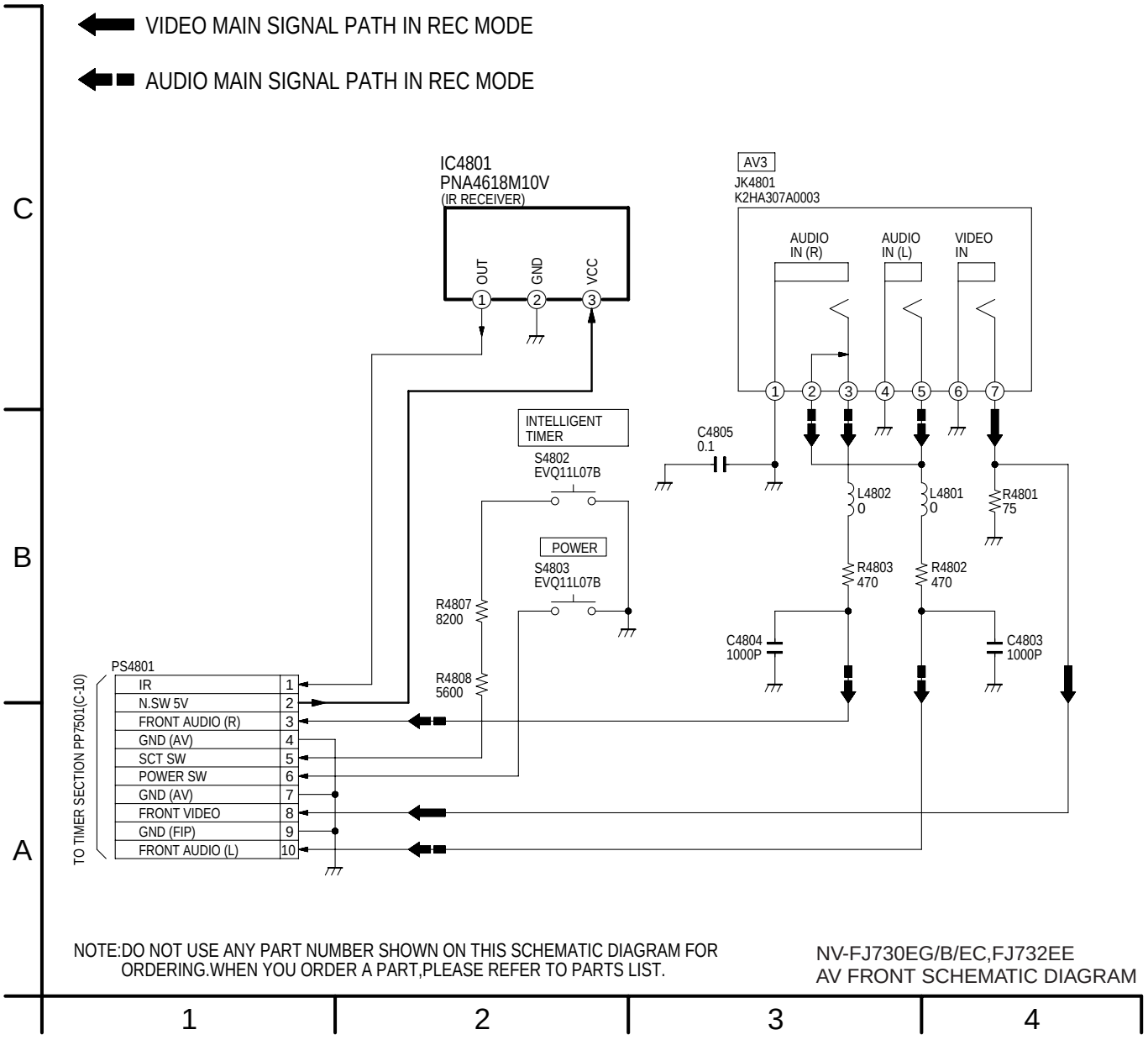
AM



NV-FJ730EG/B/EC,FJ732EE
CAPSTAN UNIT SCHEMATIC DIAGRAM

5 6 7

8.13. AV FRONT 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-FJ730EG/B/EC,FJ732EE
AV FRONT SCHEMATIC DIAGRAM