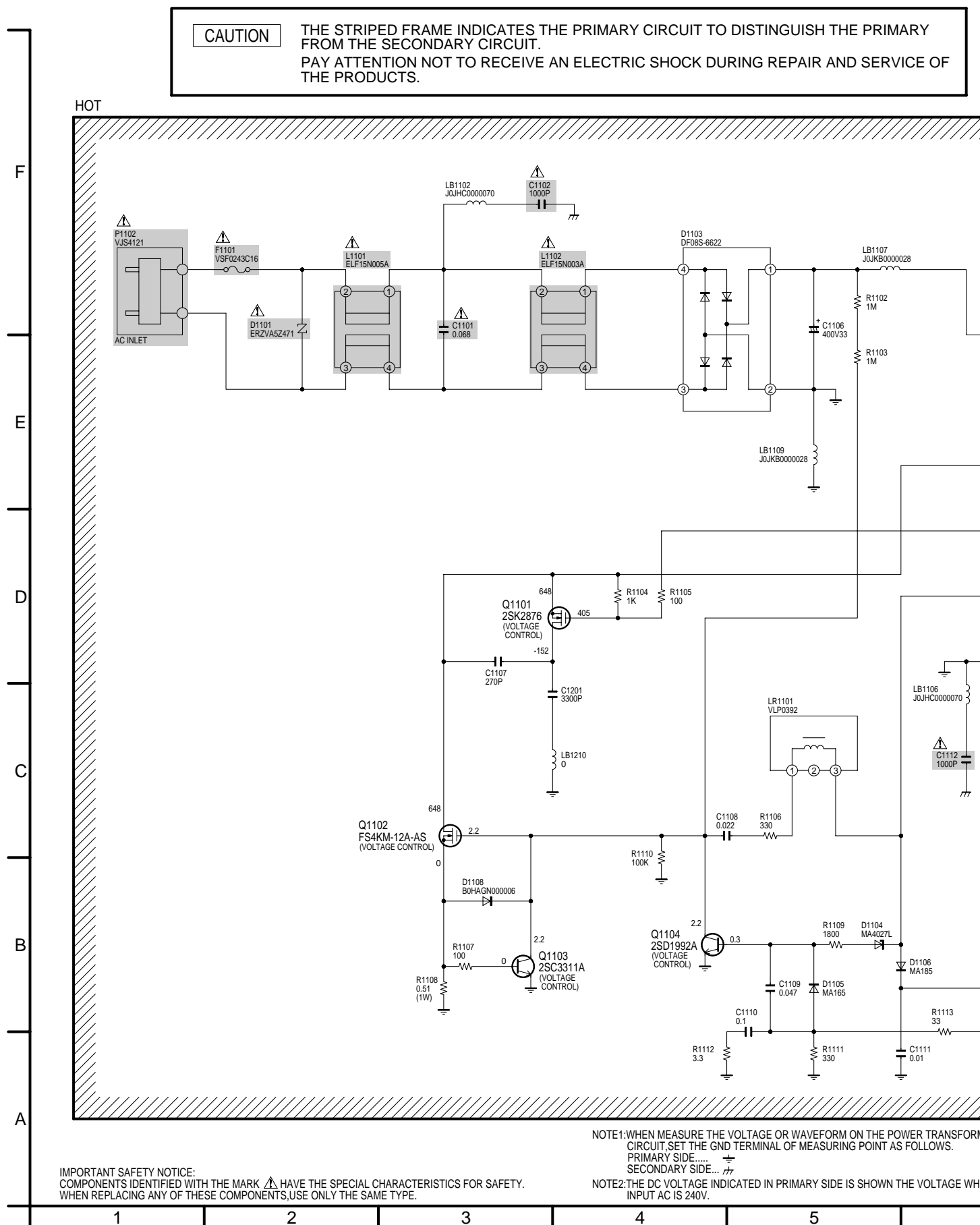
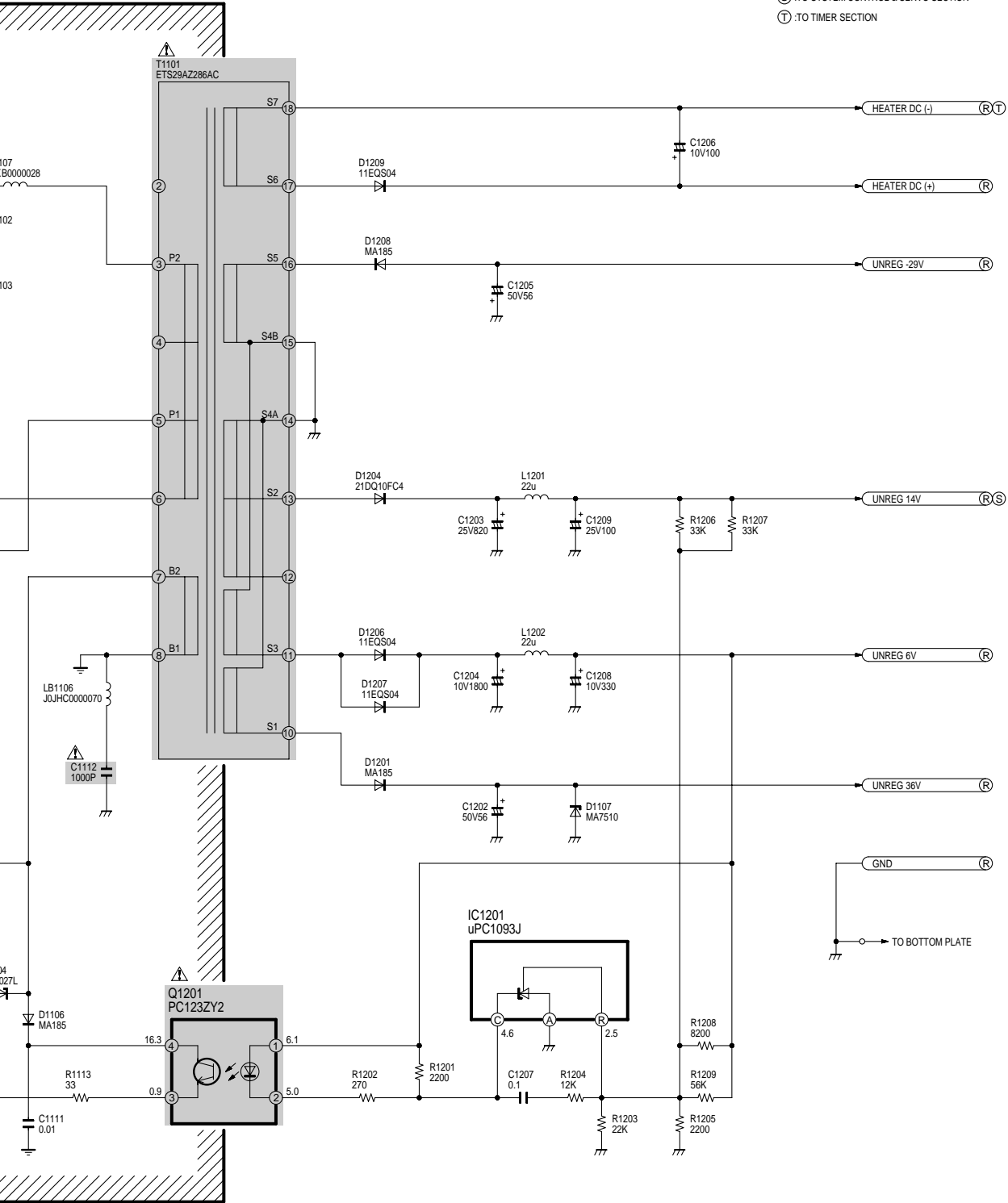


8 SCHEMATIC DIAGRAMS

8.1. POWER TRANSFORMER SECTION IN MAIN SCHEMATIC DIAGRAM



PRIMARY
SERVICE OF

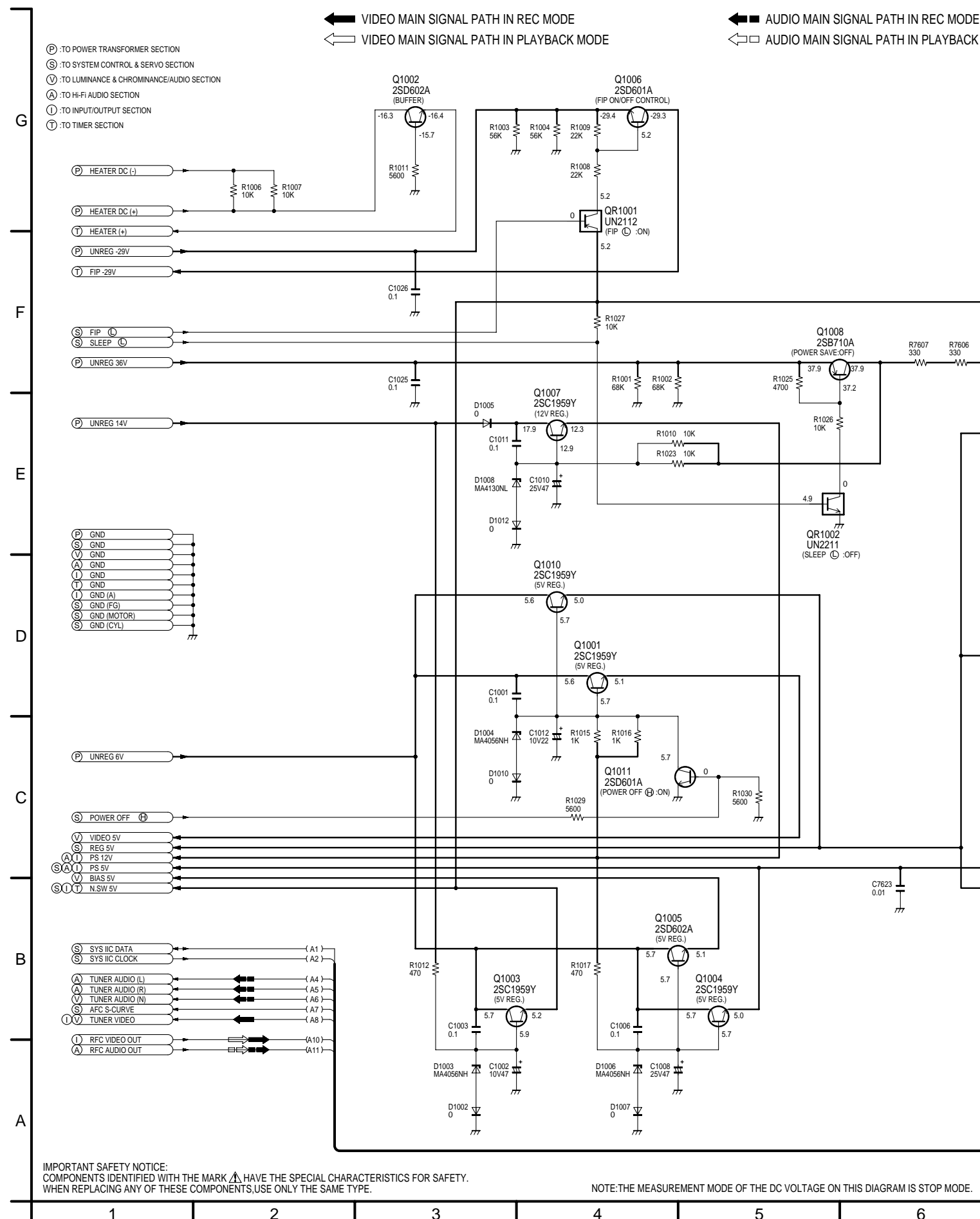


THE POWER TRANSFORMER
WENT AS FOLLOWS.

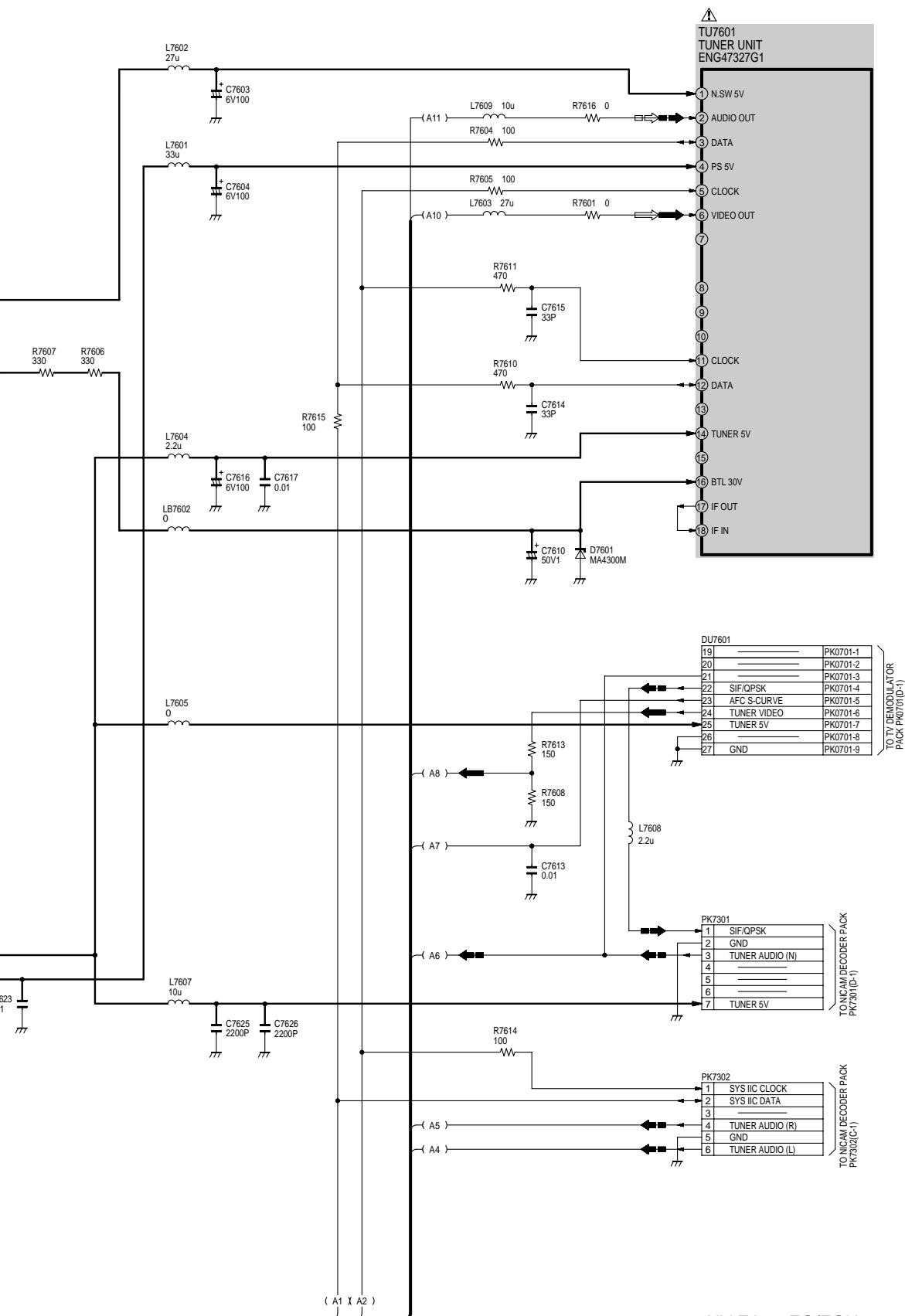
OWN THE VOLTAGE WHEN

NV-FJ623EC/ECN
POWER TRANSFORMER
SECTION SCHEMATIC DIAGRAM

8.2. POWER SUPPLY/ RF SECTION IN MAIN SCHEMATIC DIAGRAM



PATH IN REC MODE
PATH IN PLAYBACK MODE

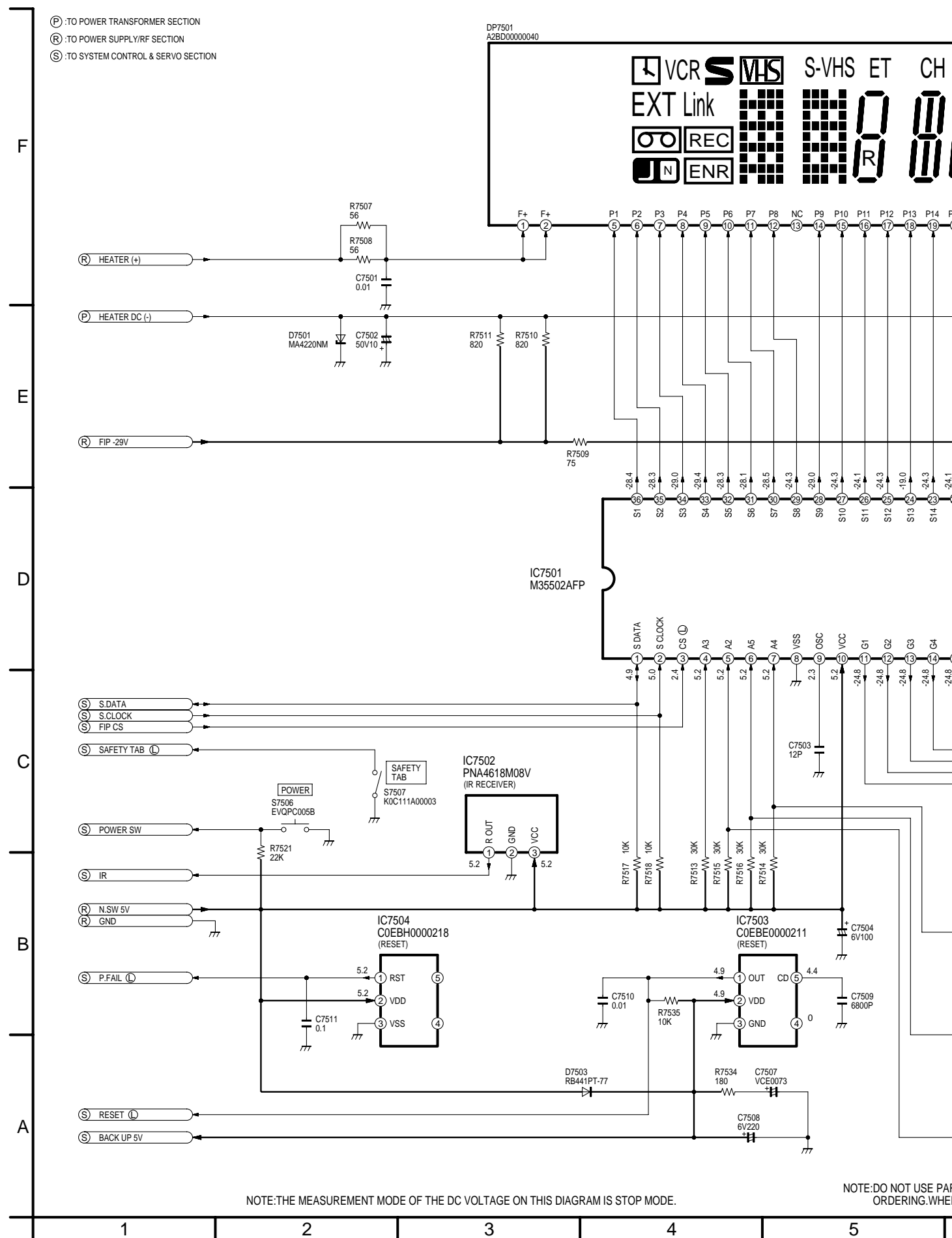


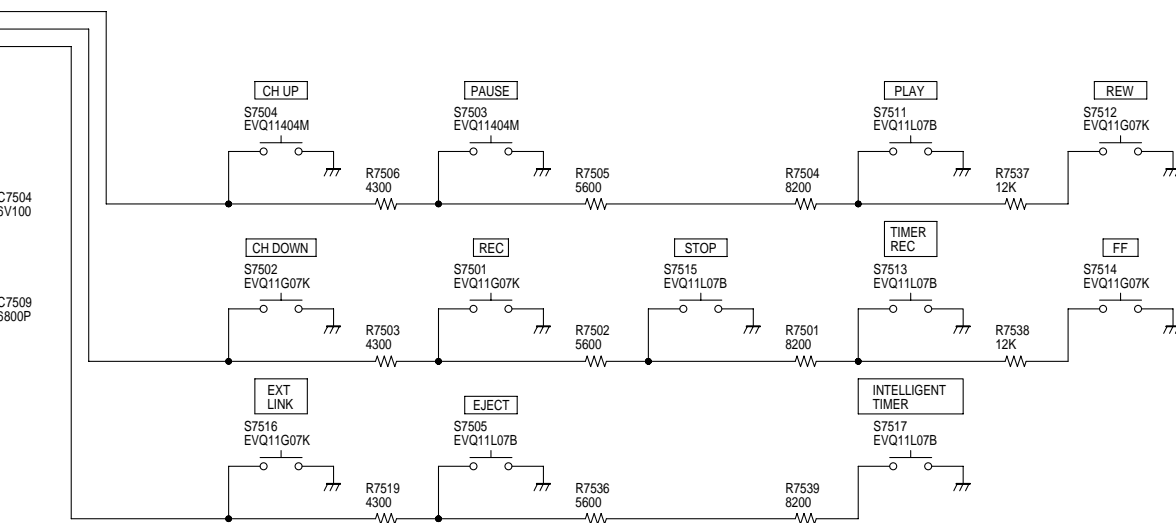
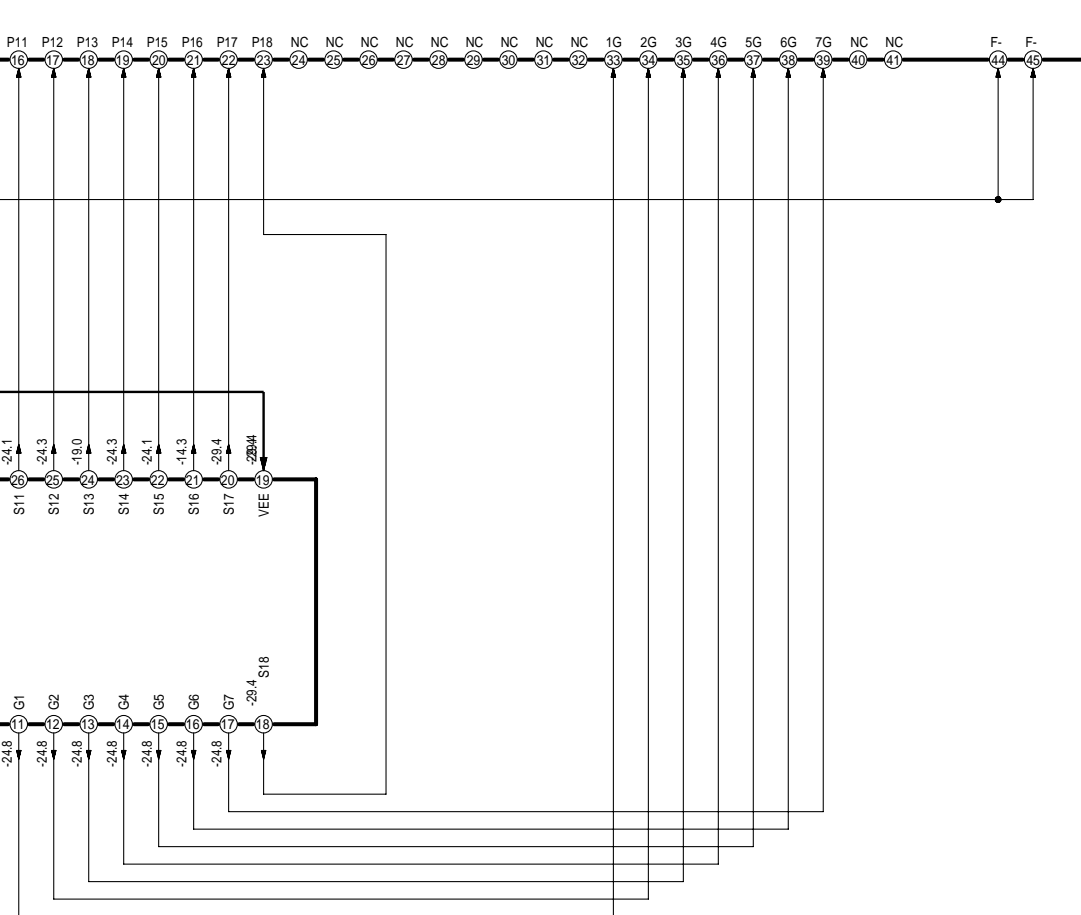
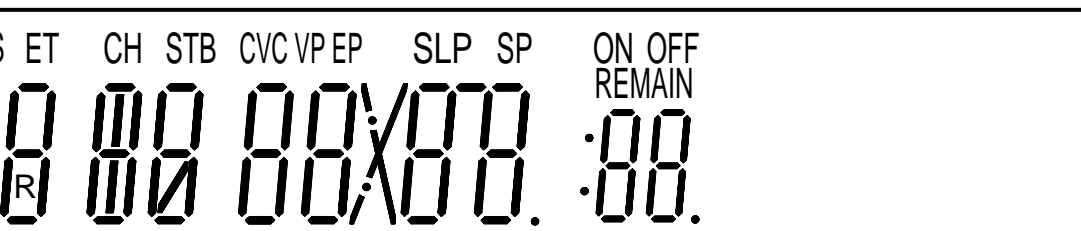
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS
SCHEMATIC DIAGRAM FOR ORDERING WHEN YOU
ORDER A PART, PLEASE REFER TO PARTS LIST.

NV-FJ623EC/ECN
POWER SUPPLY/RF SECTION
SCHEMATIC DIAGRAM

GRAM IS STOP MODE.

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-FJ623EC/ECN
TIMER SECTION SCHEMATIC DIAGRAM

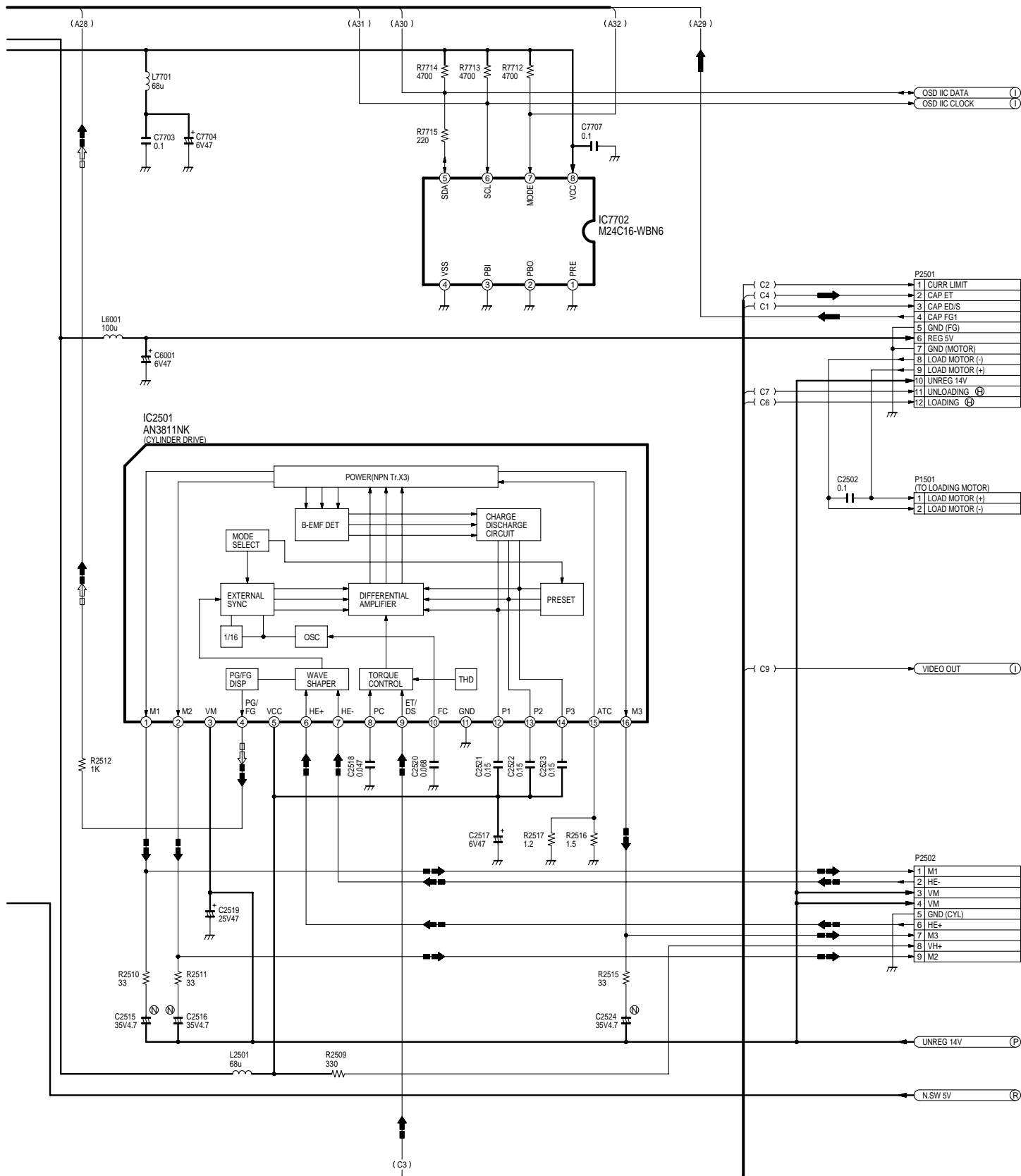
5 | 6 | 7 | 8 | 9



← CYLINDER SERVO SPEED LOOP

CYLINDER SERVO PHASE LOOP





NV-FJ623EC/ECN
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.

OSD IIC DATA	①
OSD IIC CLOCK	①

2501	
1	CURR LIMIT
2	CAP ET
3	CAP EDIS
4	CAP FG1
5	GND (FG)
6	REG 5V
7	GND (MOTOR)
8	LOAD MOTOR (-)
9	LOAD MOTOR (+)
10	UNREG 14V
11	UNLOADING ⊕
12	LOADING ⊕

TO CARSTAN DRIVE P1021
(C-1)

1501	
TO LOADING MOTOR)	
1	LOAD MOTOR (+)
2	LOAD MOTOR (-)

VIDEO OUT	①
-----------	---

2502	
1	M1
2	HE-
3	VM
4	VM
5	GND (CYL)
6	HE+
7	M3
8	VH+
9	M2

TO CYLINDER STATOR
P2501(A-2)

UNREG 14V	Ⓟ
-----------	---

N.SW 5V	Ⓡ
---------	---

SCHEMATIC DIAGRAM FOR
REFER TO PARTS LIST.

NV-FJ623EC/ECN
SYSTEM CONTROL & SERVO
SECTION SCHEMATIC DIAGRAM

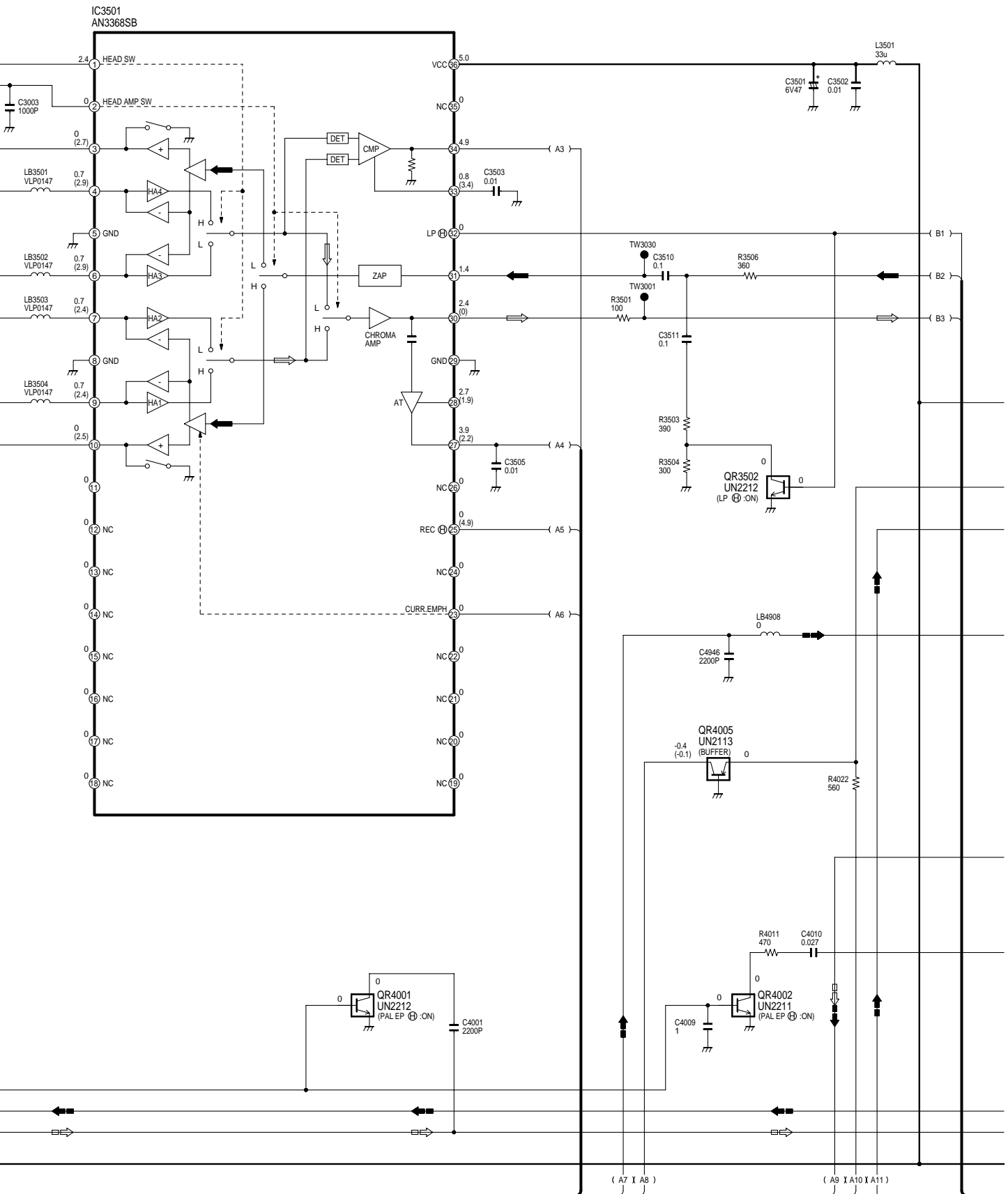


C DIAGRAM

MODE

← AUDIO MAIN SIGNAL PATH IN REC MODE

⇐ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

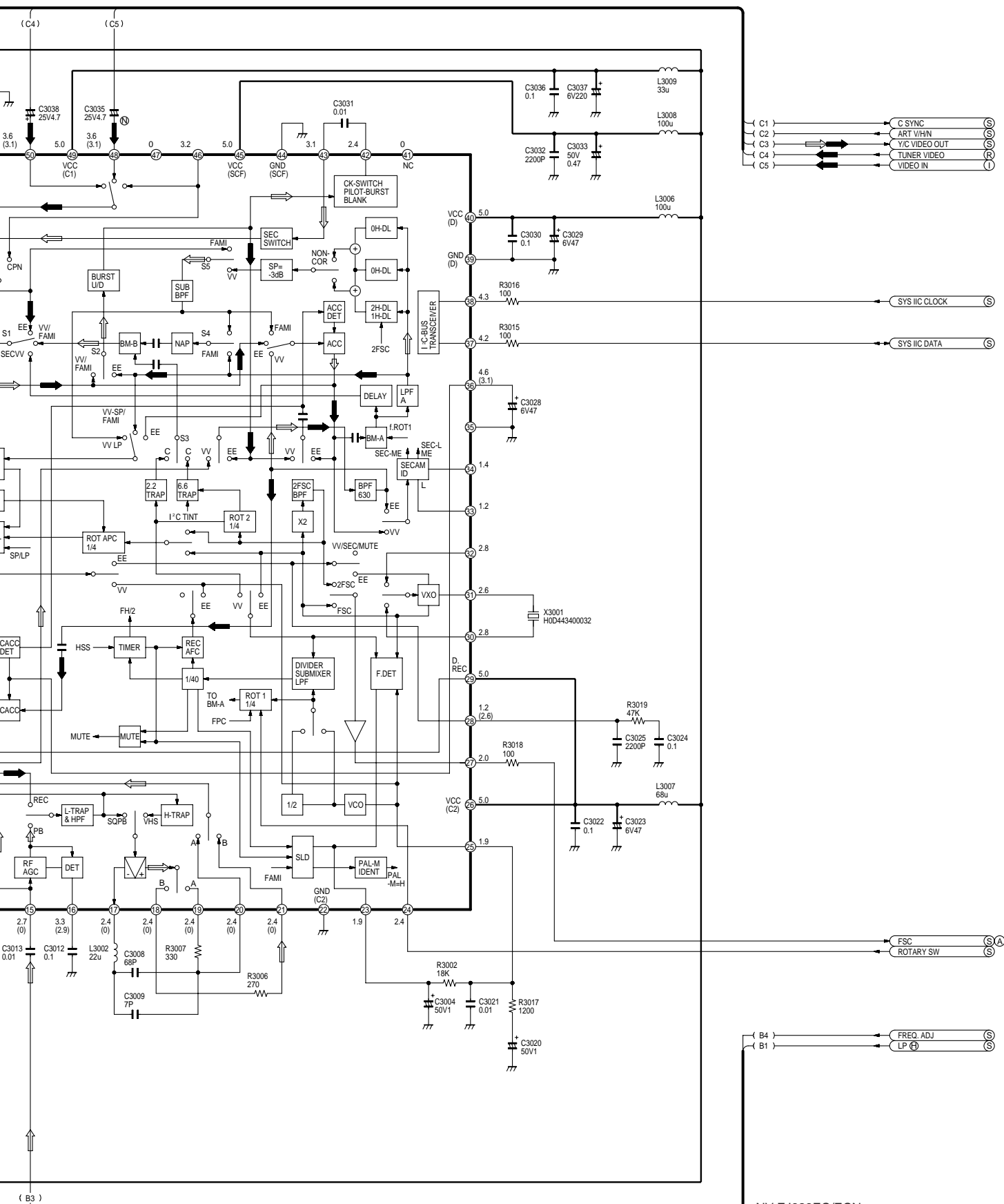


THE BRACKETS ON THIS DIAGRAM IS IN PLAYBACK MODE

NV-FJ623EC/ECN

LUMINANCE & CHROMINANCE/AUDIO SECTION SCHEMATIC DIAGRAM

6 7 8 9 10 11 12



18

19

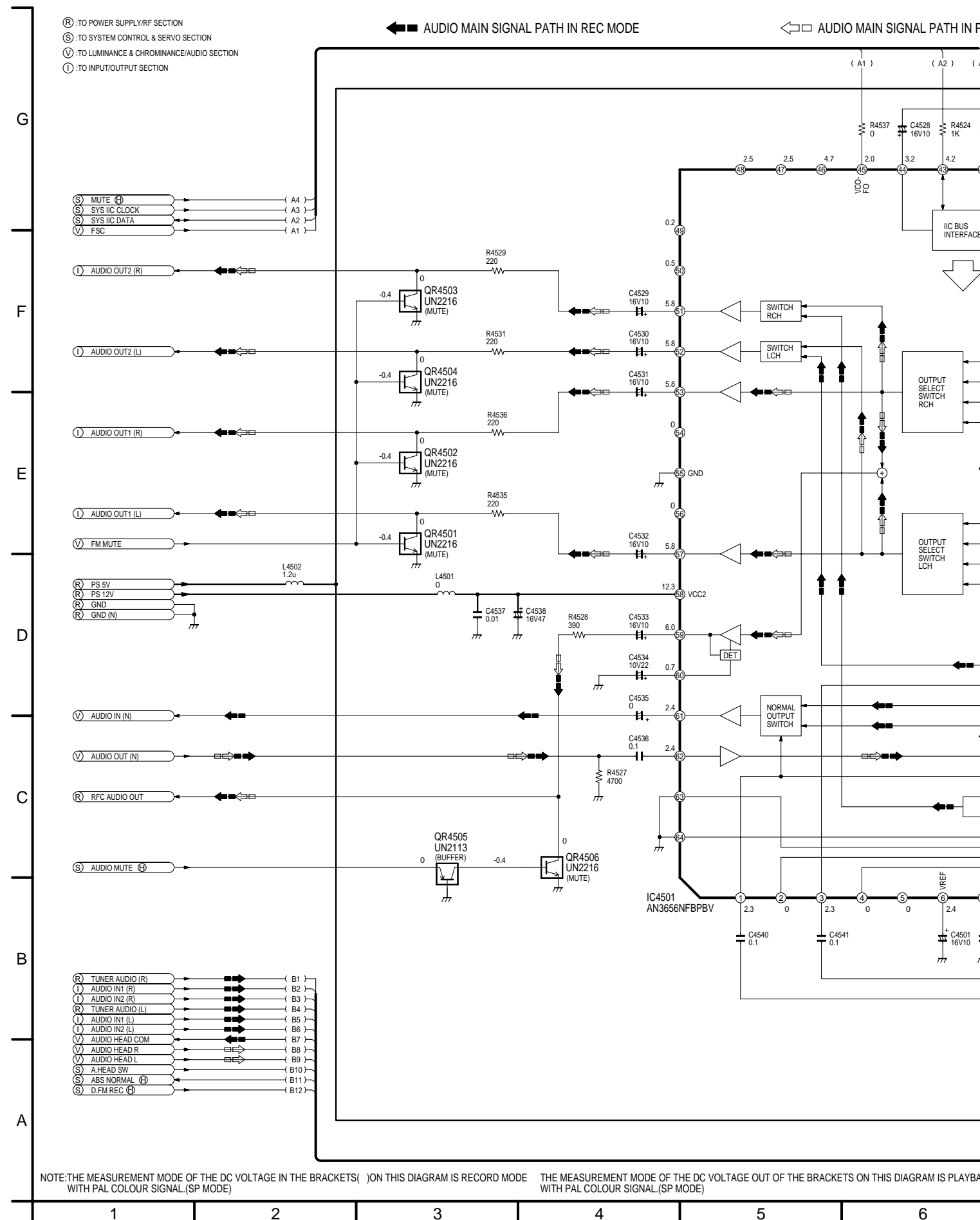
20

21

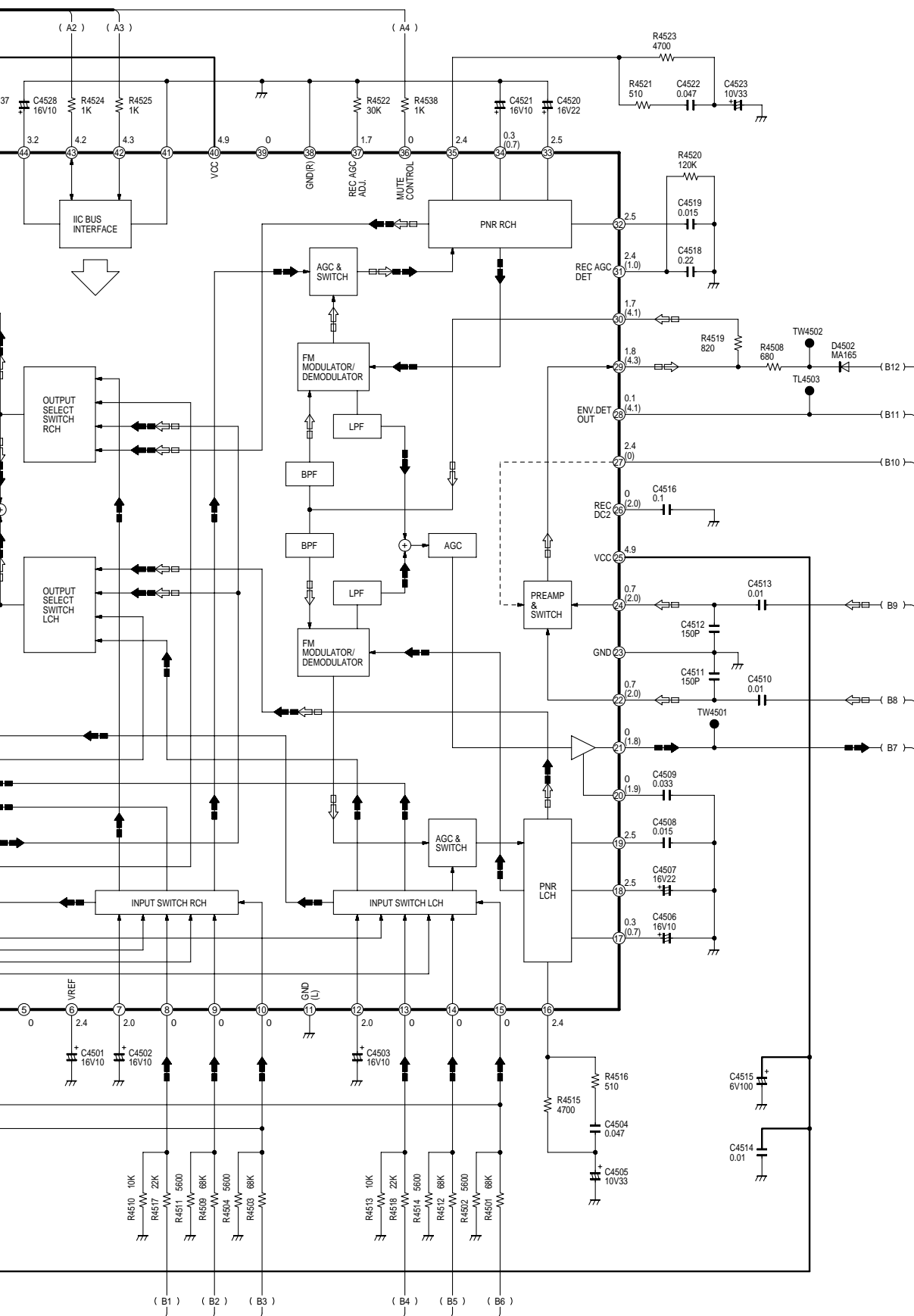
22

23

8.6. Hi-Fi AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM



SIGNAL PATH IN PLAYBACK MODE

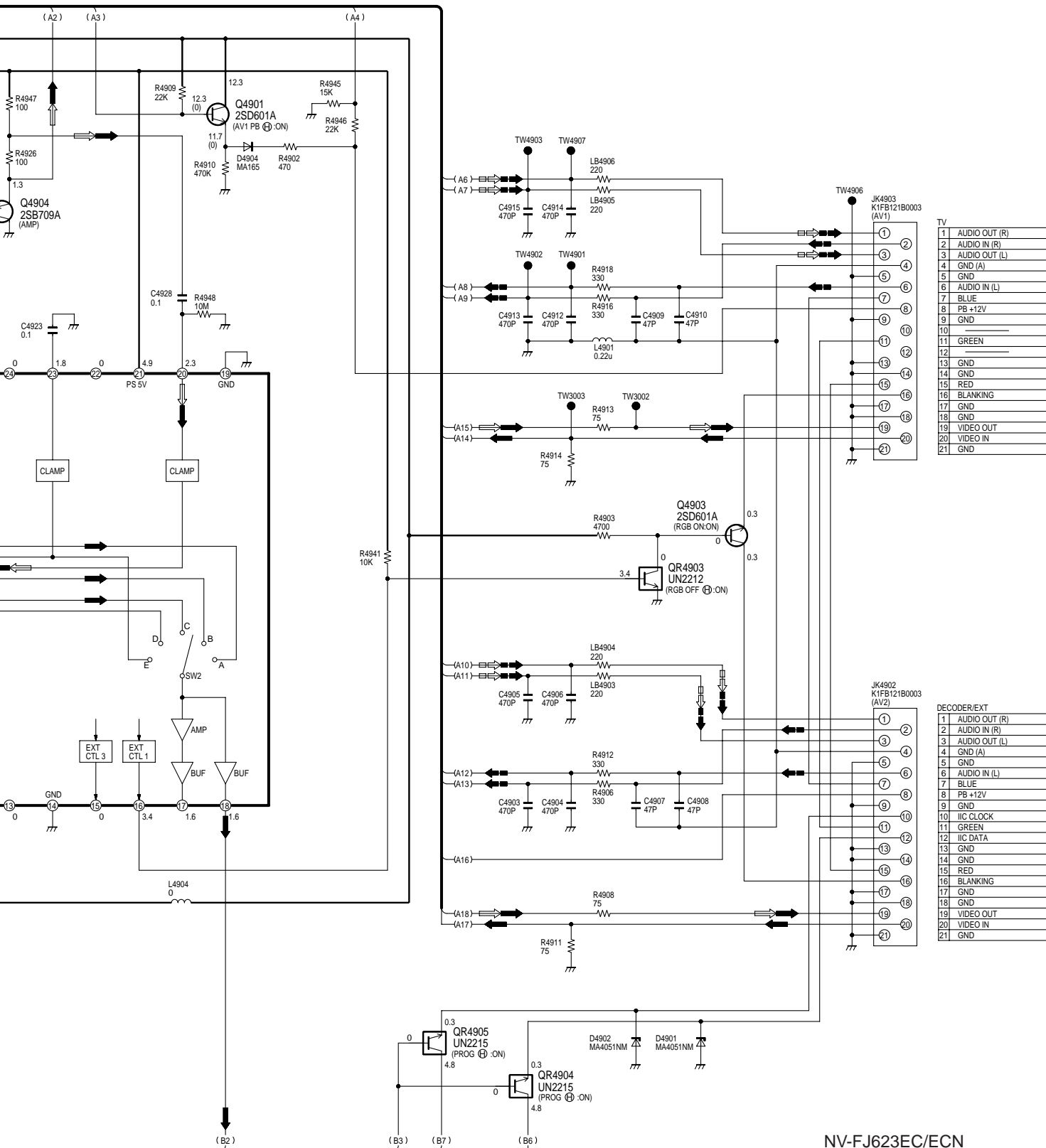


NV-FJ623EC/ECN
Hi-Fi AUDIO SECTION SCHEMATIC DIAGRAM



MODE ← AUDIO MAIN SIGNAL PATH IN REC MODE

← AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



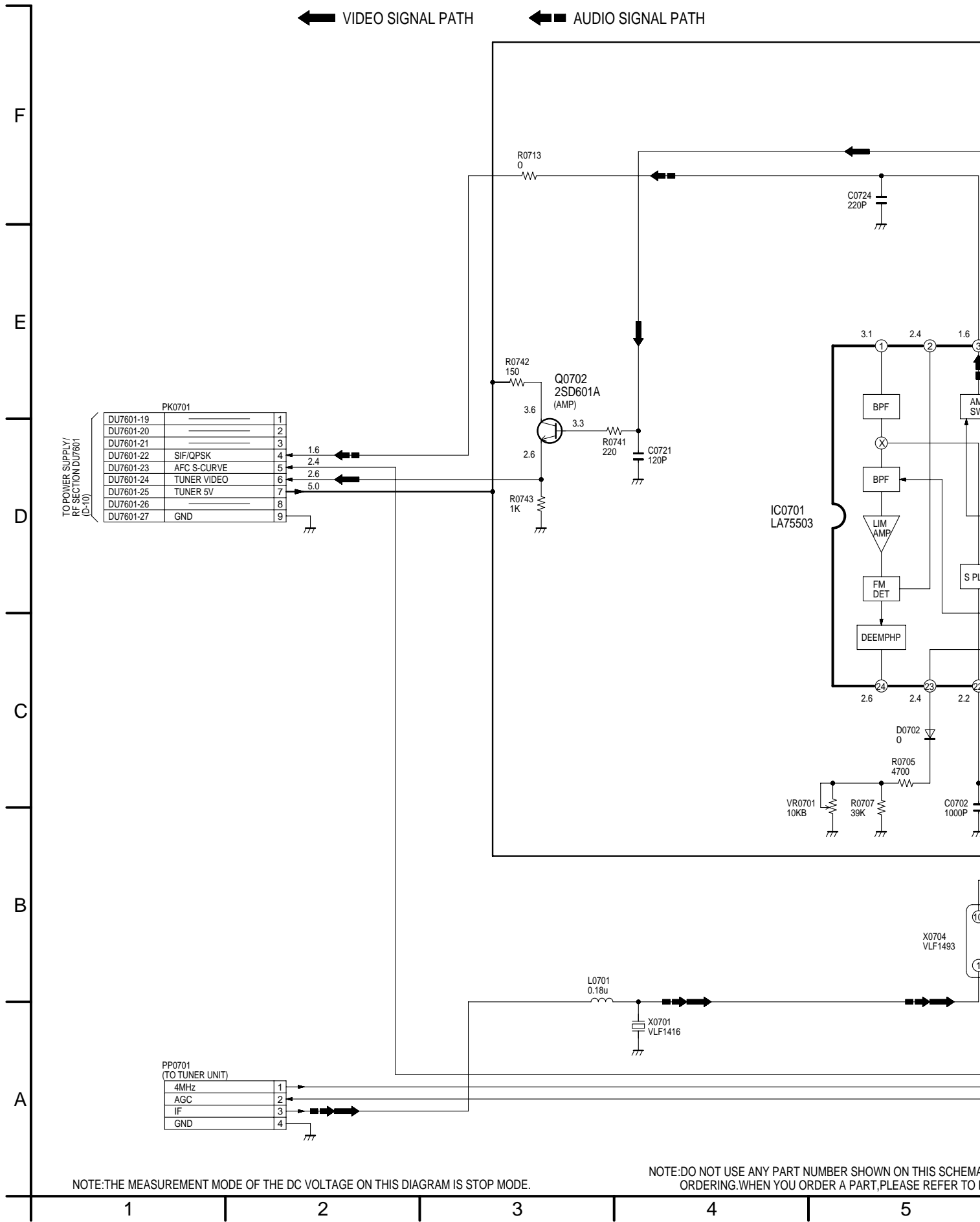
PACKETS ON THIS DIAGRAM IS PLAYBACK MODE

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

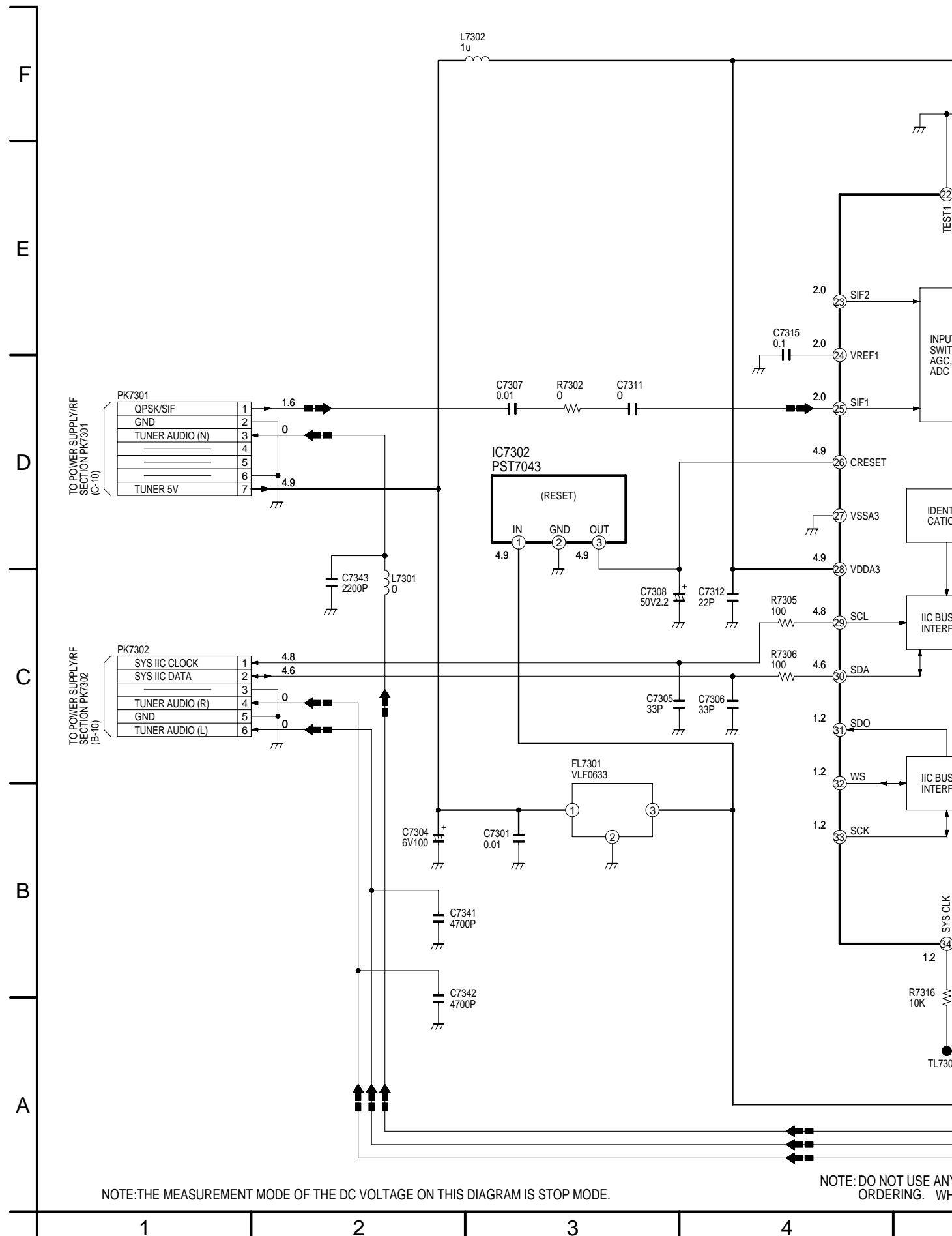
NV-FJ623EC/ECN
INPUT/OUTPUT SECTION
SCHEMATIC DIAGRAM

6 7 8 9 10 11

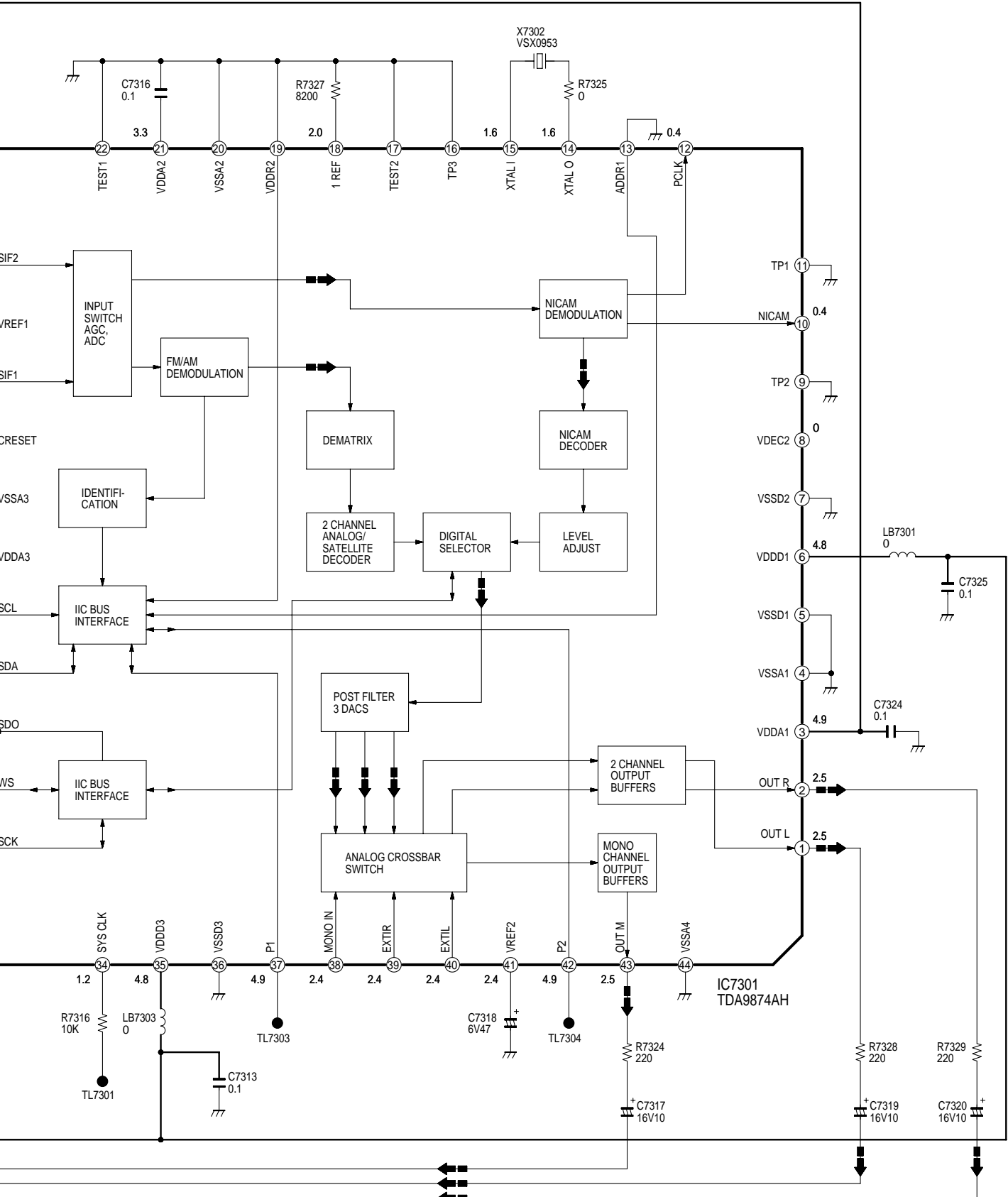
8.8. TV DEMODULATOR PACK SCHEMATIC DIAGRAM



8.9. NICAM DECODER PACK SCHEMATIC DIAGRAM



← AUDIO SIGNAL PATH



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

NV-FJ623EC/ECN
NICAM DECODER PACK SCHEMATIC DIAGRAM

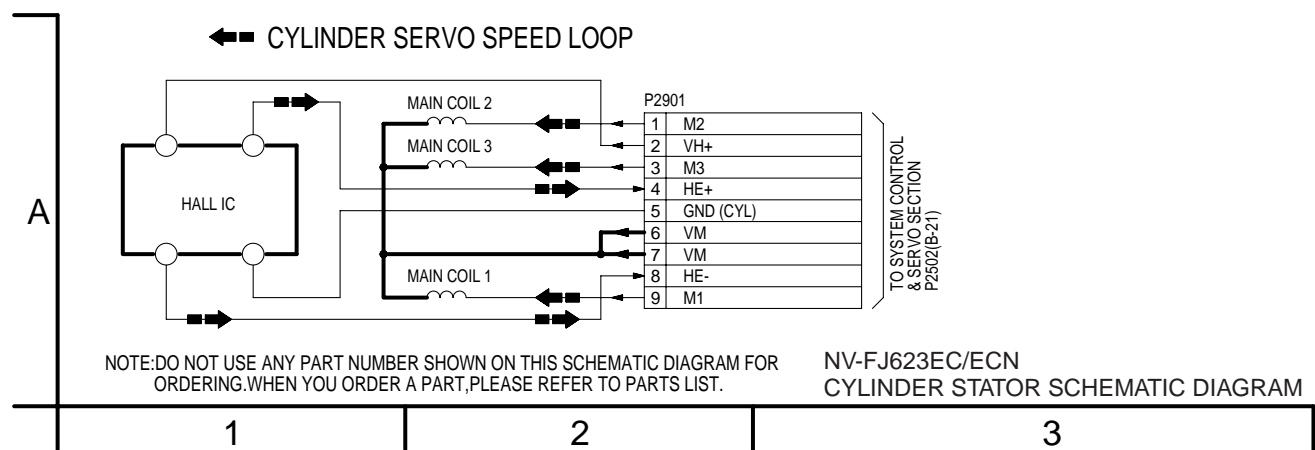
5

6

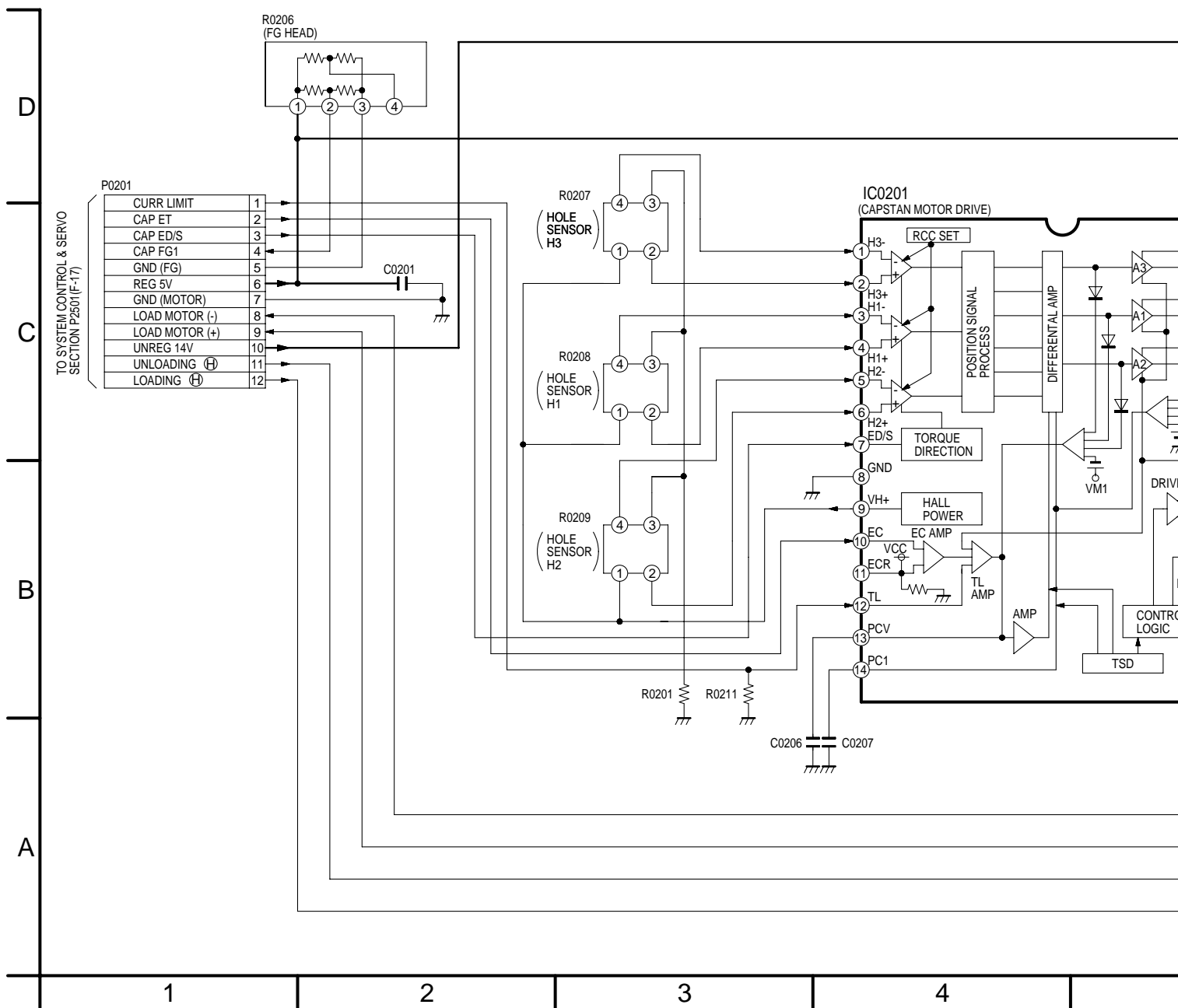
7

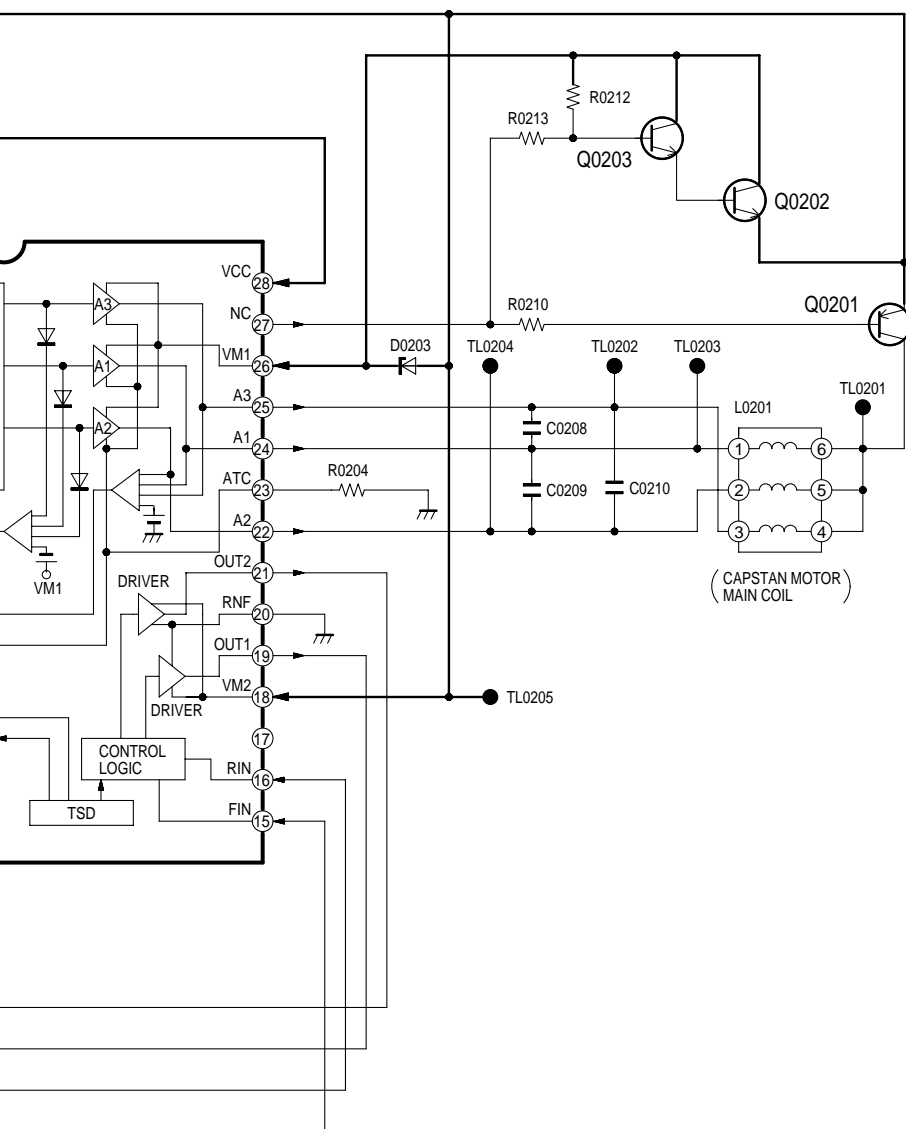
8

8.10. CYLINDER STATOR UNIT SCHEMATIC DIAGRAM



8.11. CAPSTAN UNIT SCHEMATIC DIAGRAM





NV-FJ623EC/ECN
CAPSTAN UNIT SCHEMATIC DIAGRAM

5

6

7