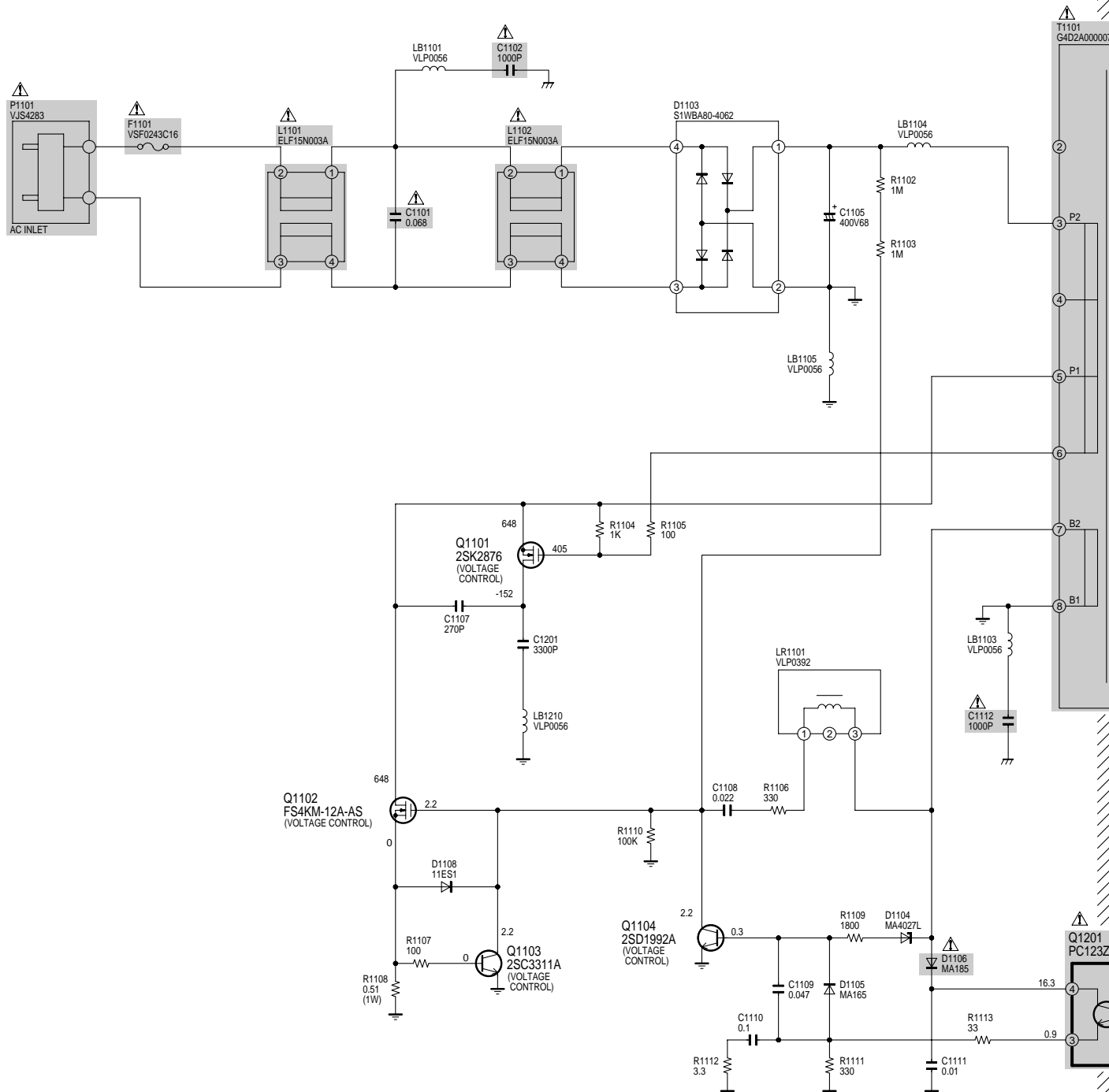


CAUTION


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.

HOT



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.

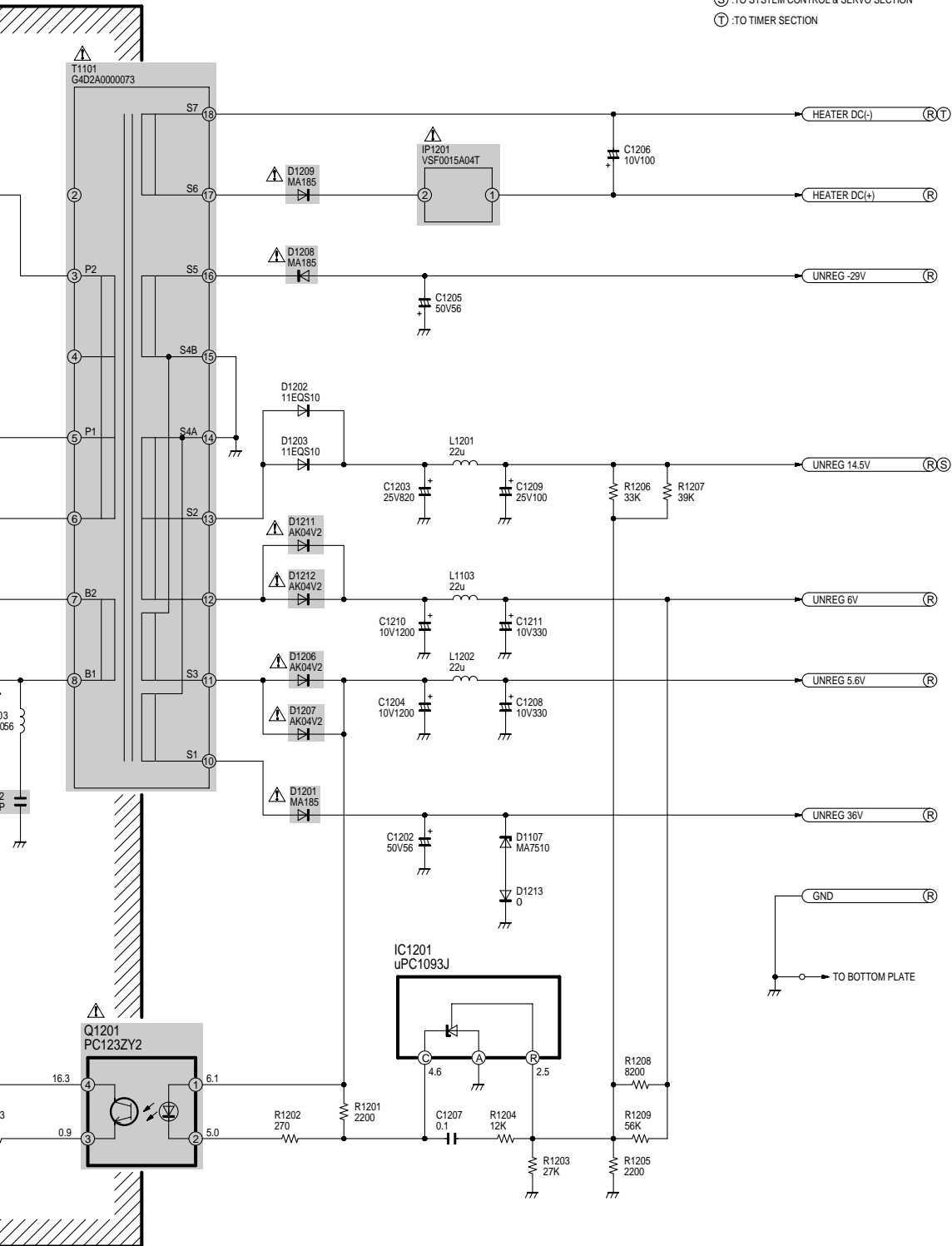
NOTE1: WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER
CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.

PRIMARY SIDE..... 

SECONDARY SIDE.... 

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

(R) :TO POWER SUPPLY/RF SECTION
 (S) :TO SYSTEM CONTROL & SERVO SECTION
 (T) :TO TIMER SECTION



NV-HS820EG/B/EC
 POWER TRANSFORMER
 SECTION IN MAIN
 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.
 NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

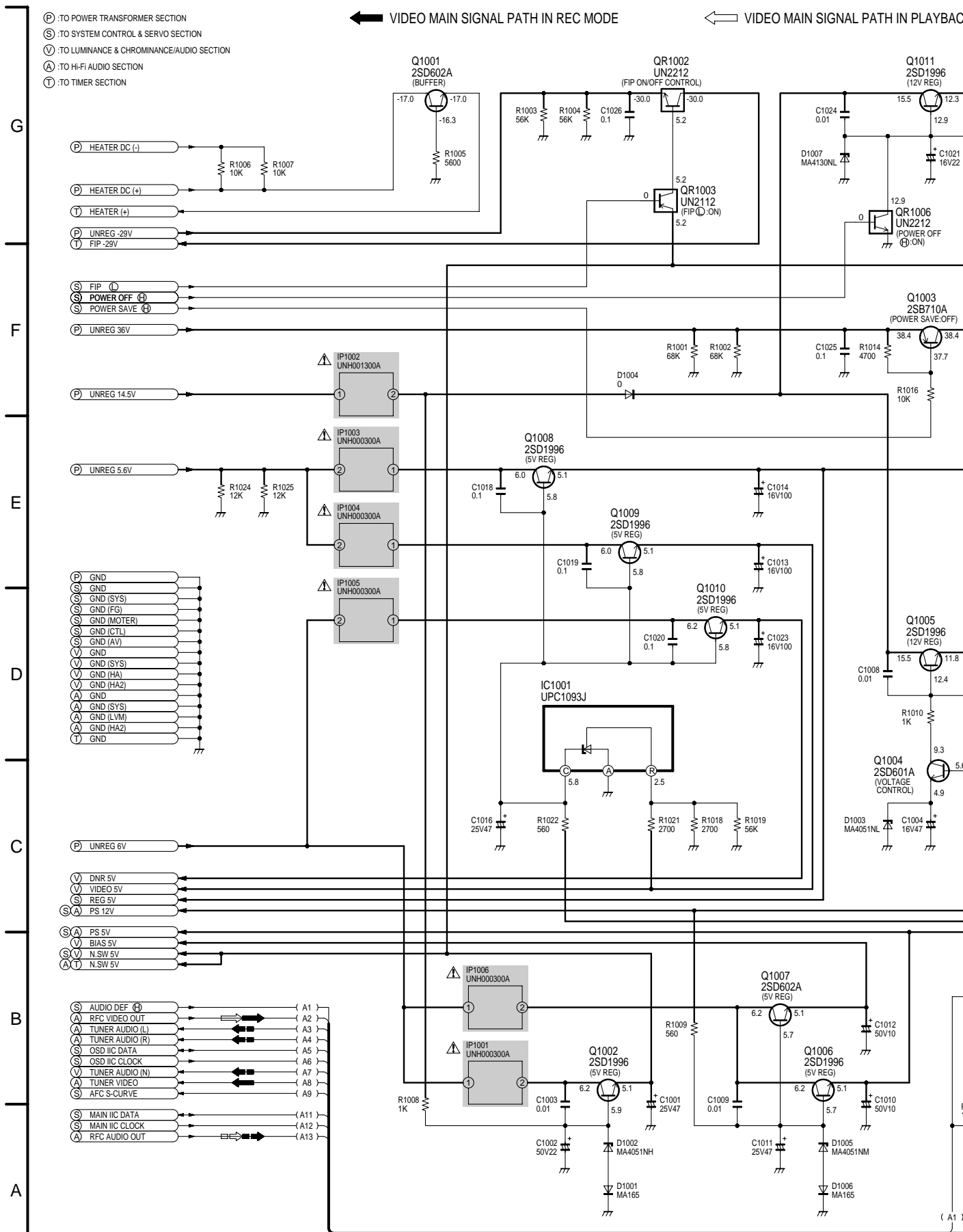
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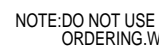
10



← □ AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

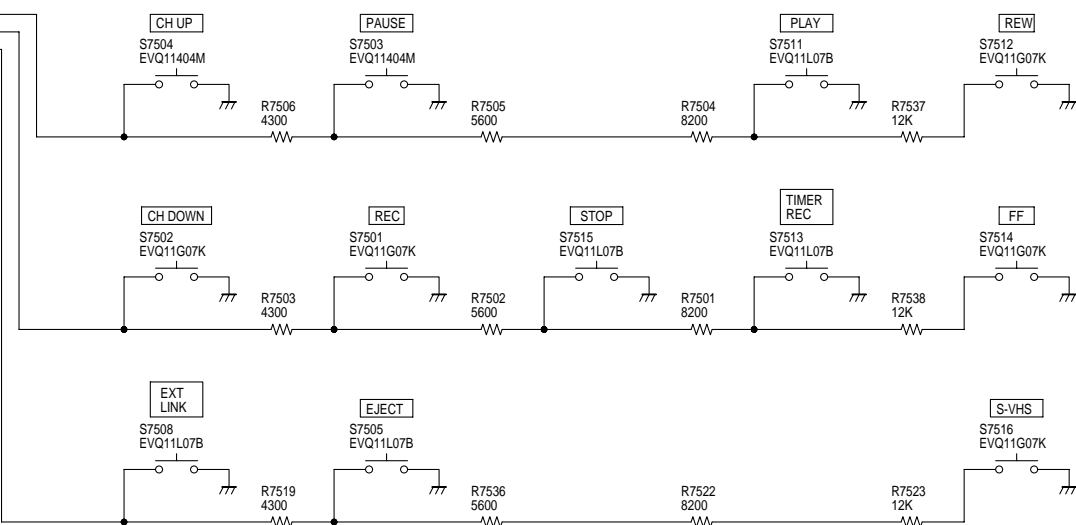
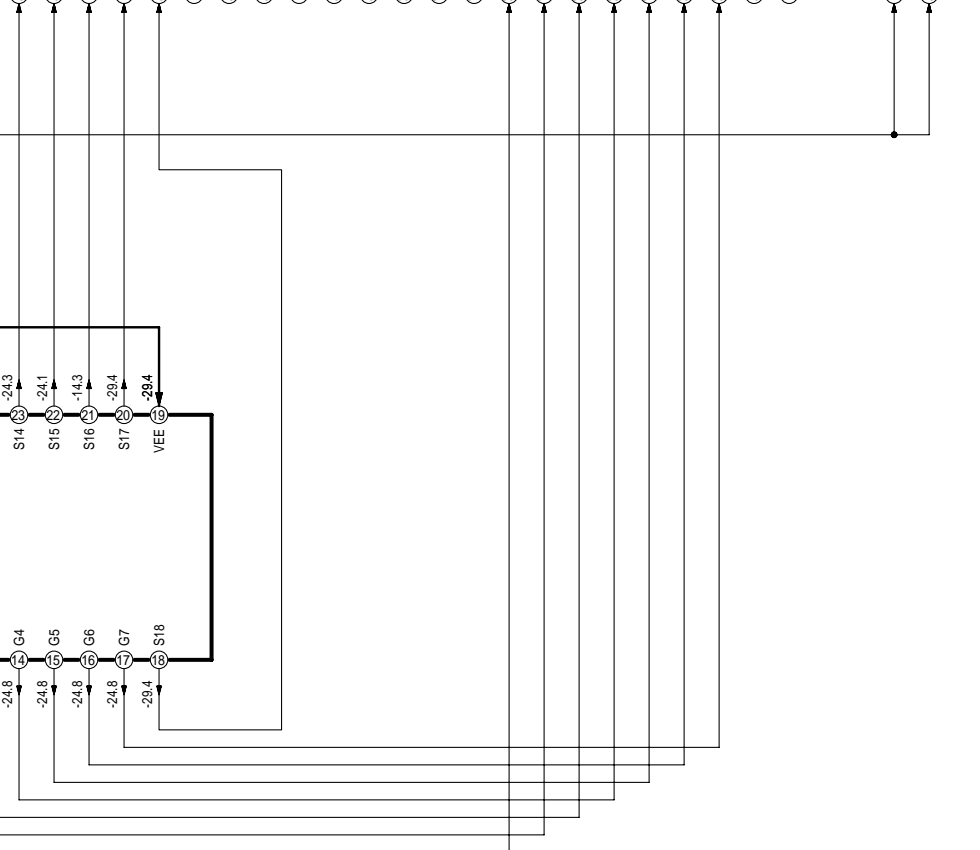


NV-HS820EG/B/EC
POWER SUPPLY/RF
SECTION IN MAIN
SCHEMATIC DIAGRAM



CH STB CVC VP EP SLP SP ON OFF
REMAIN
:00:00:00:00

P14 P15 P16 P17 P18 NC NC NC NC NC NC NC NC 1G 2G 3G 4G 5G 6G 7G NC NC F- F-



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

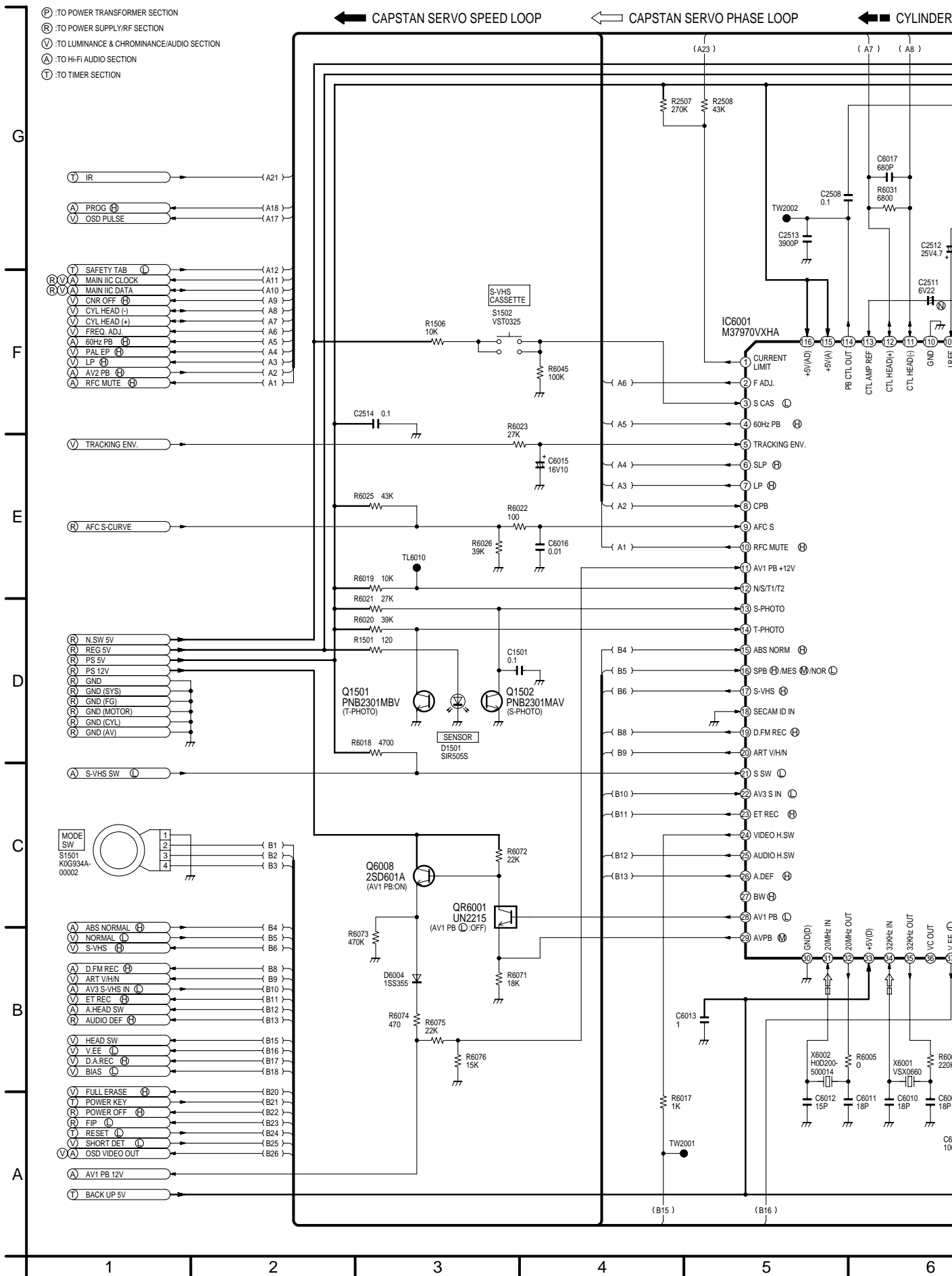
NV-HS820EG/B/EC
TIMER SECTION IN MAIN
SCHEMATIC DIAGRAM

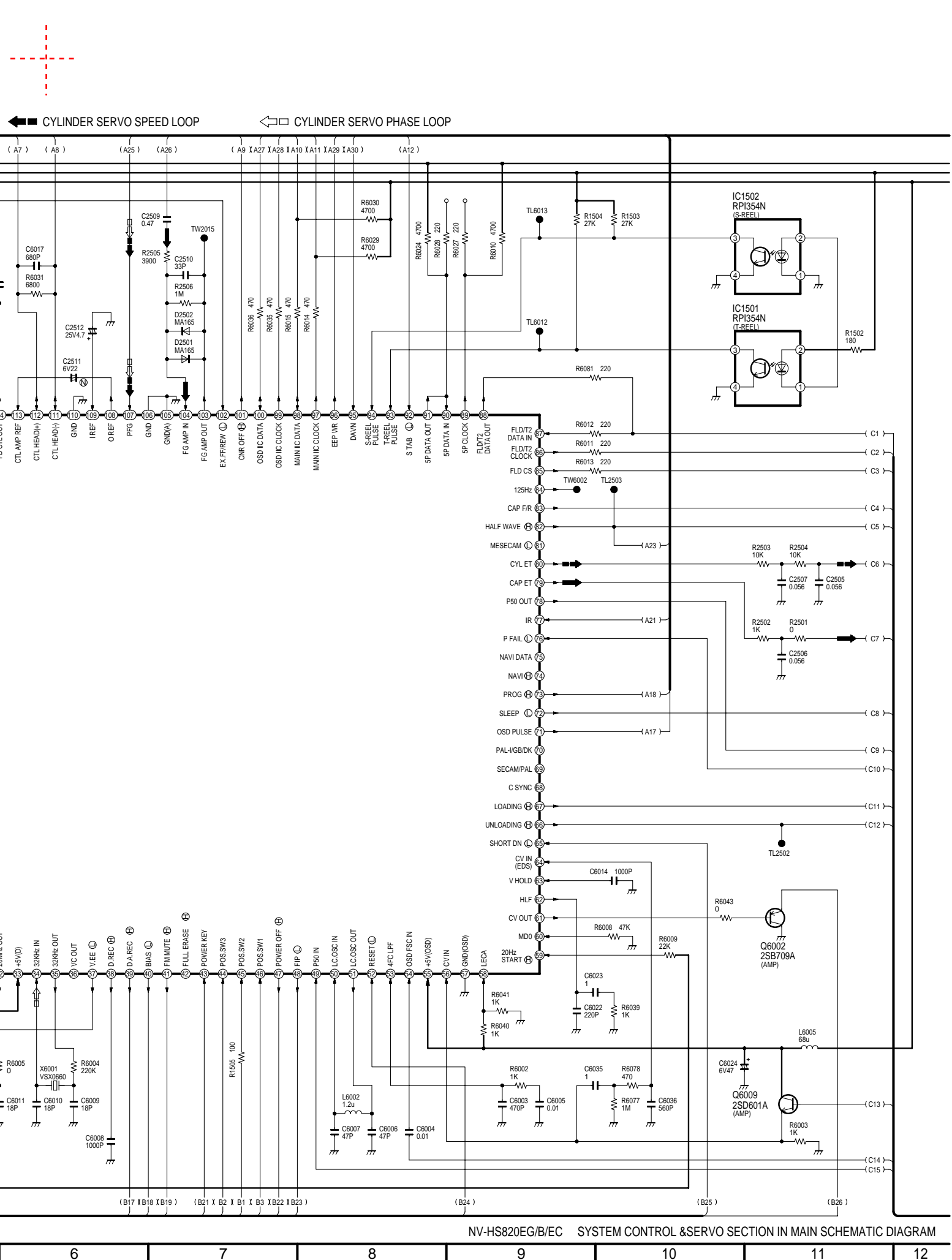
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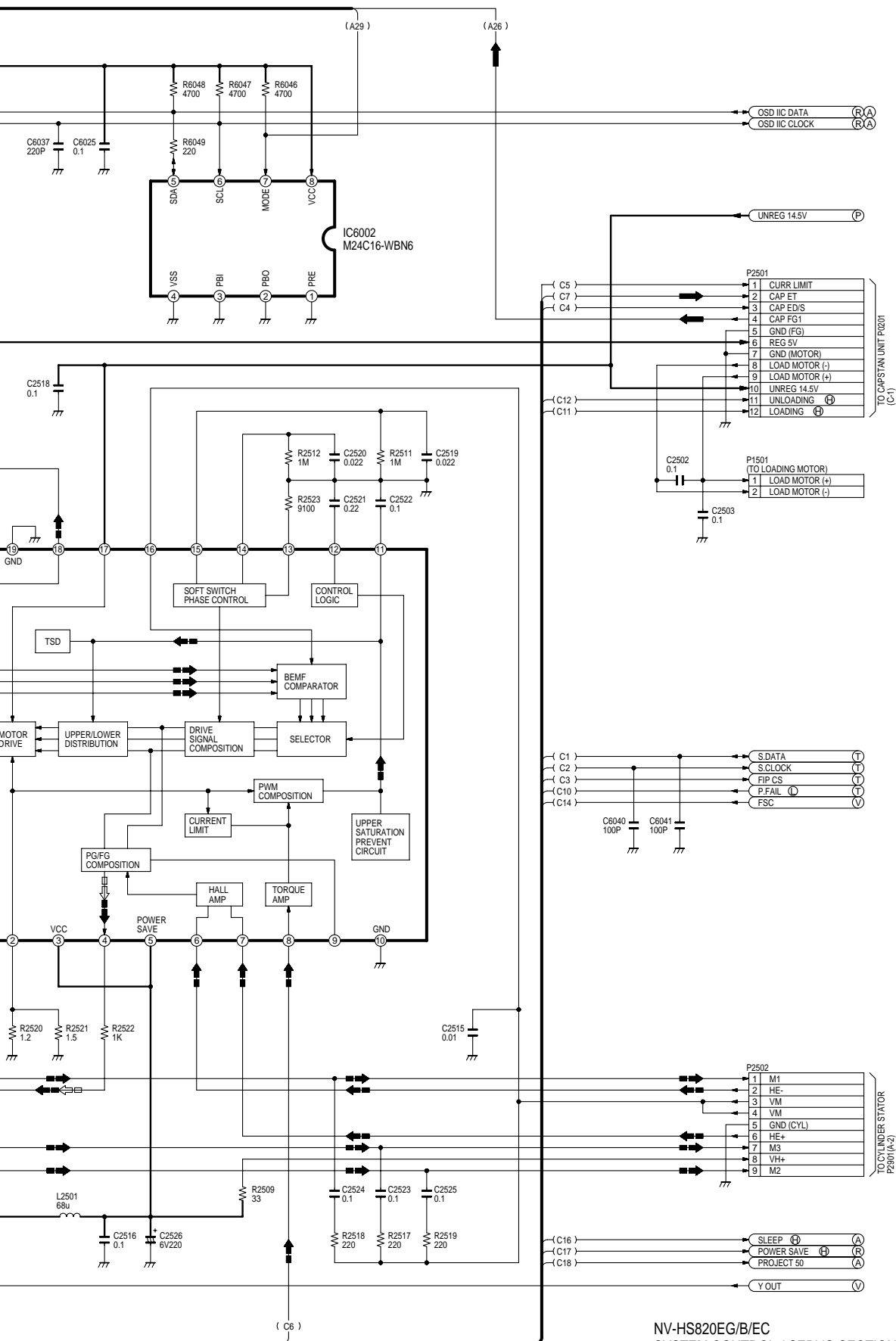
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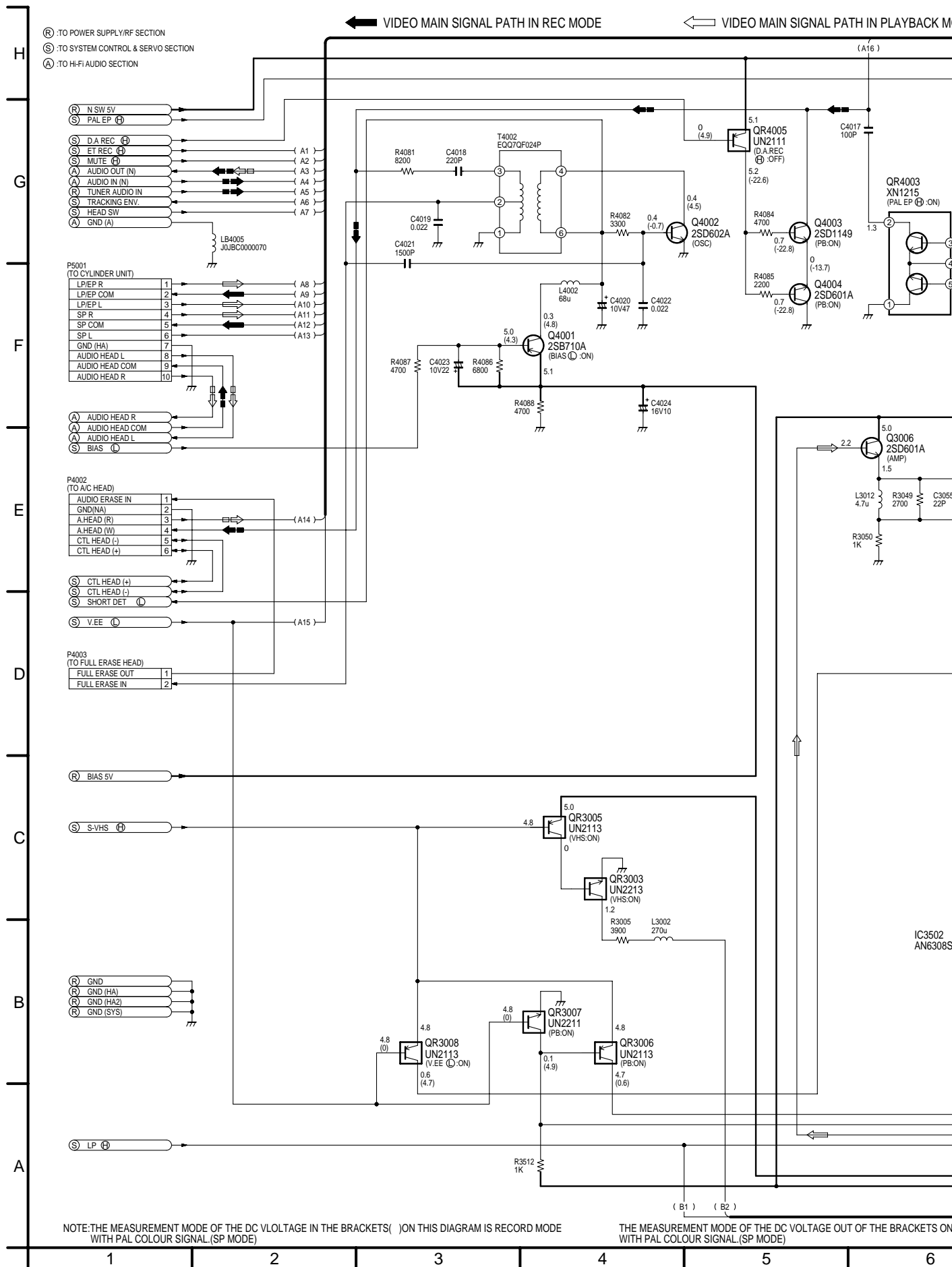
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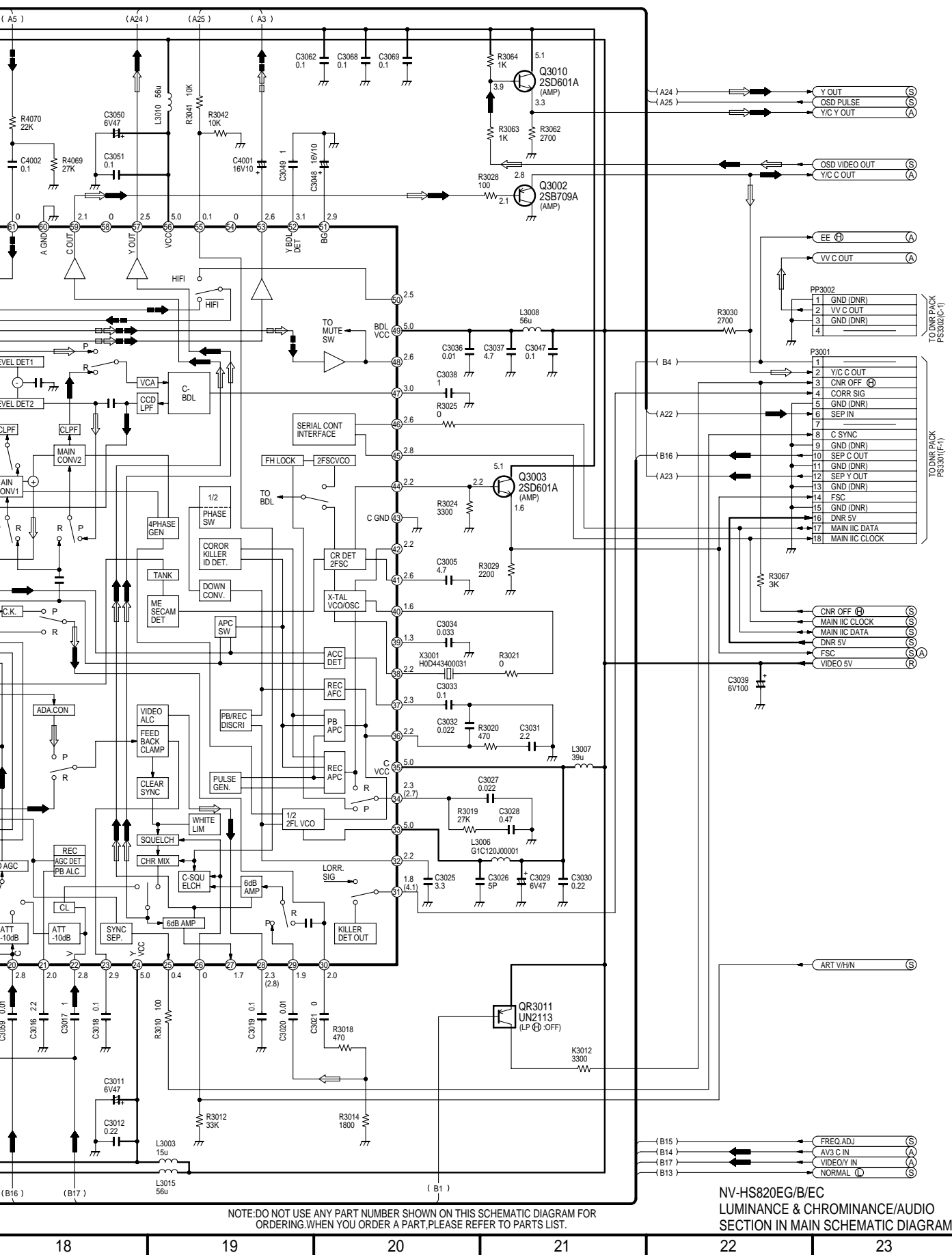


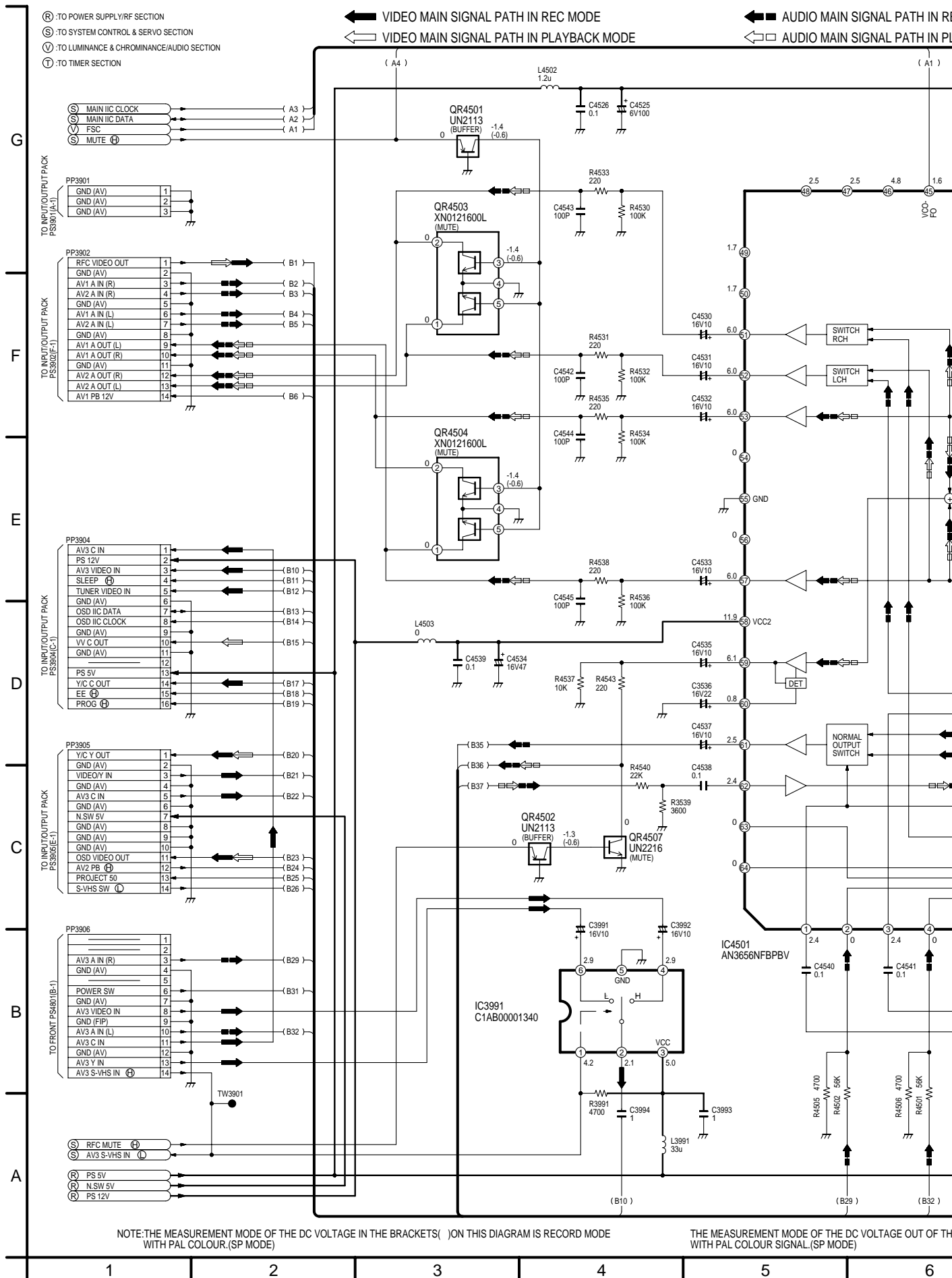
NV-HS820EG/B/EC
SYSTEM CONTROL & SERVO SECTION
IN MAIN SCHEMATIC DIAGRAM



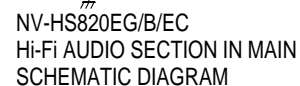


11





SIGNAL PATH IN PLAYBACK MODE

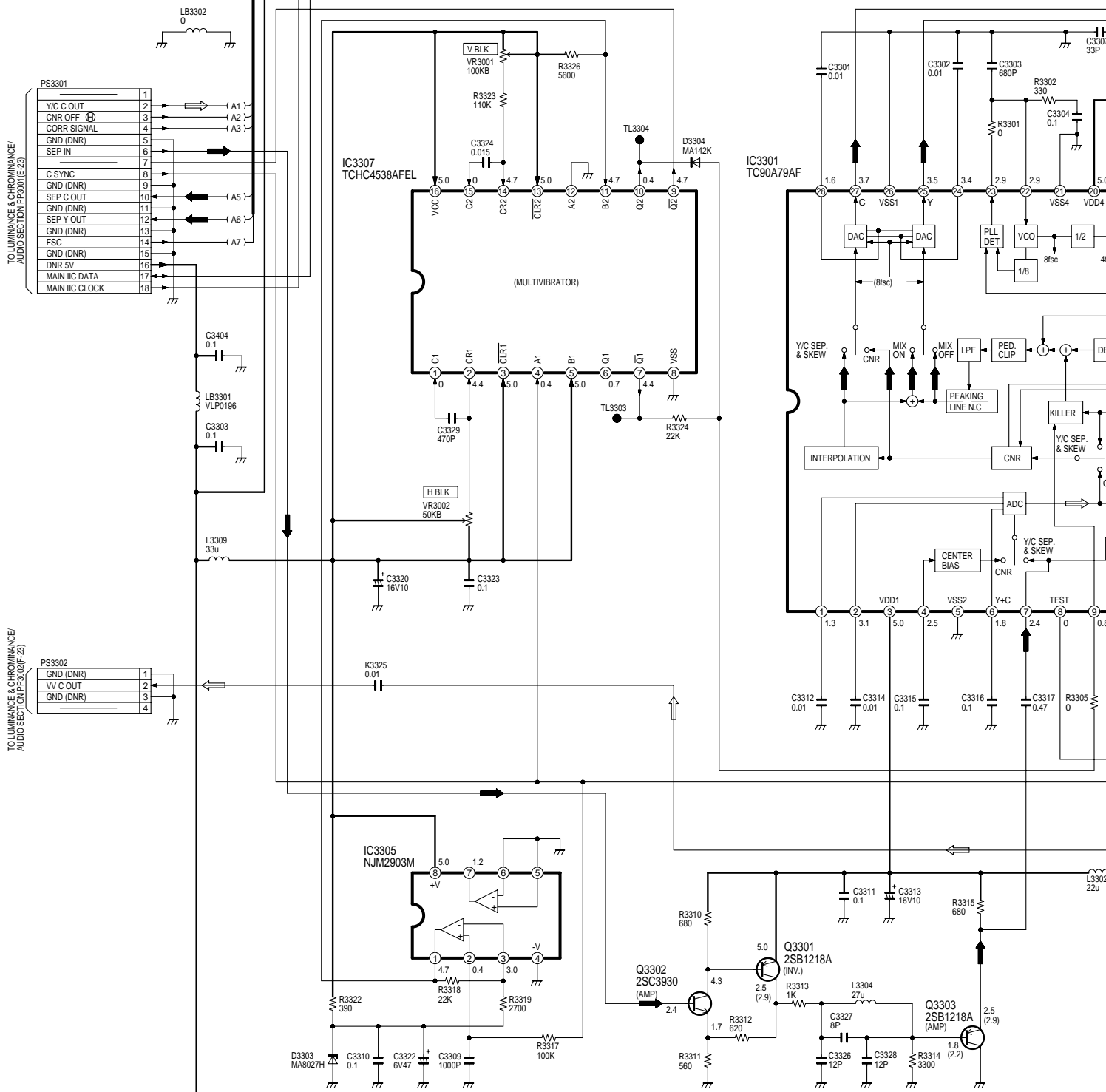


NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

G
F
E
D
C
B
A

VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE



NOTE: DO NOT ANY PART ORDERING WHEN

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

NV-HS820EG/B/EC
DNR PACK SCHEMATIC DIAGRAM

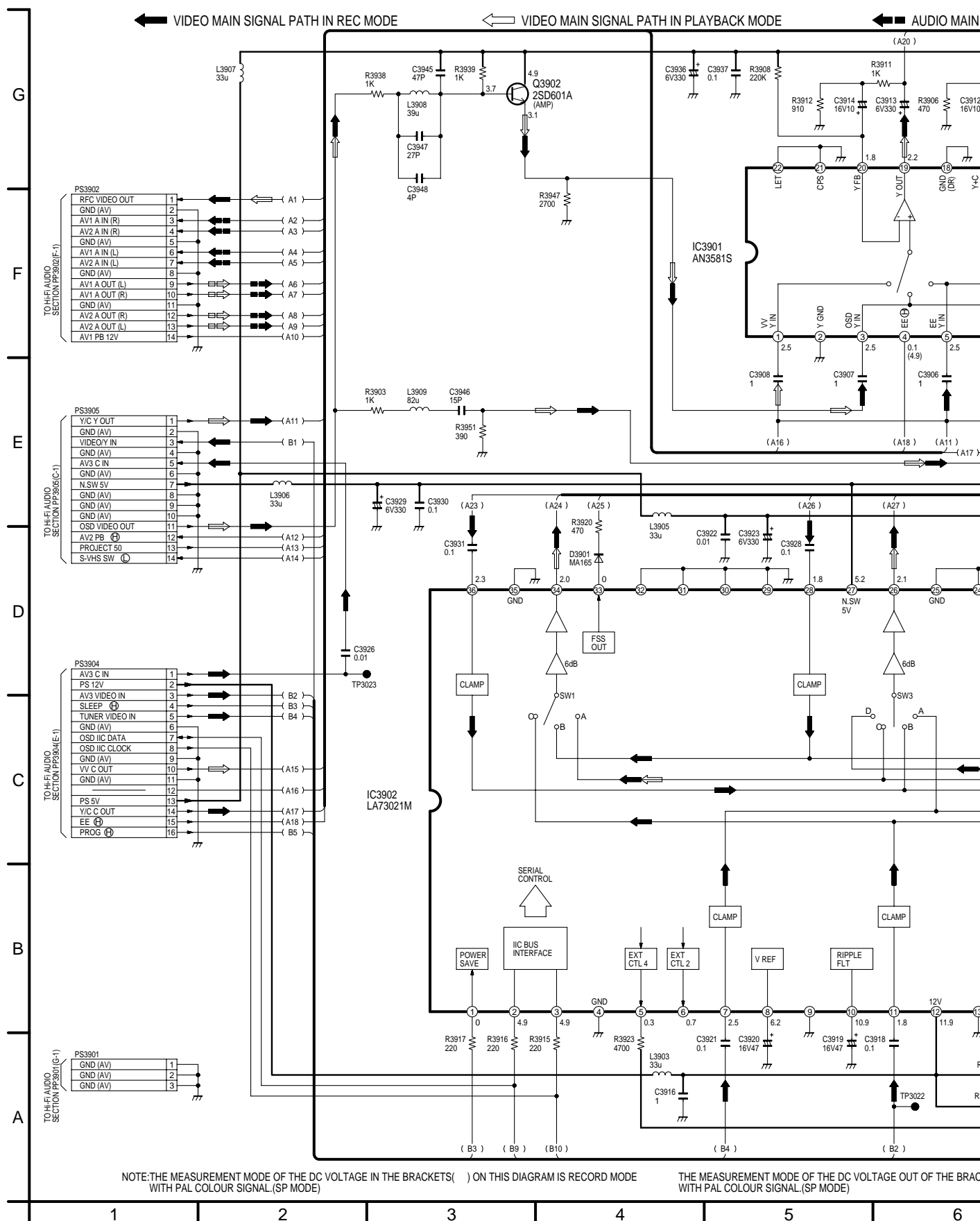
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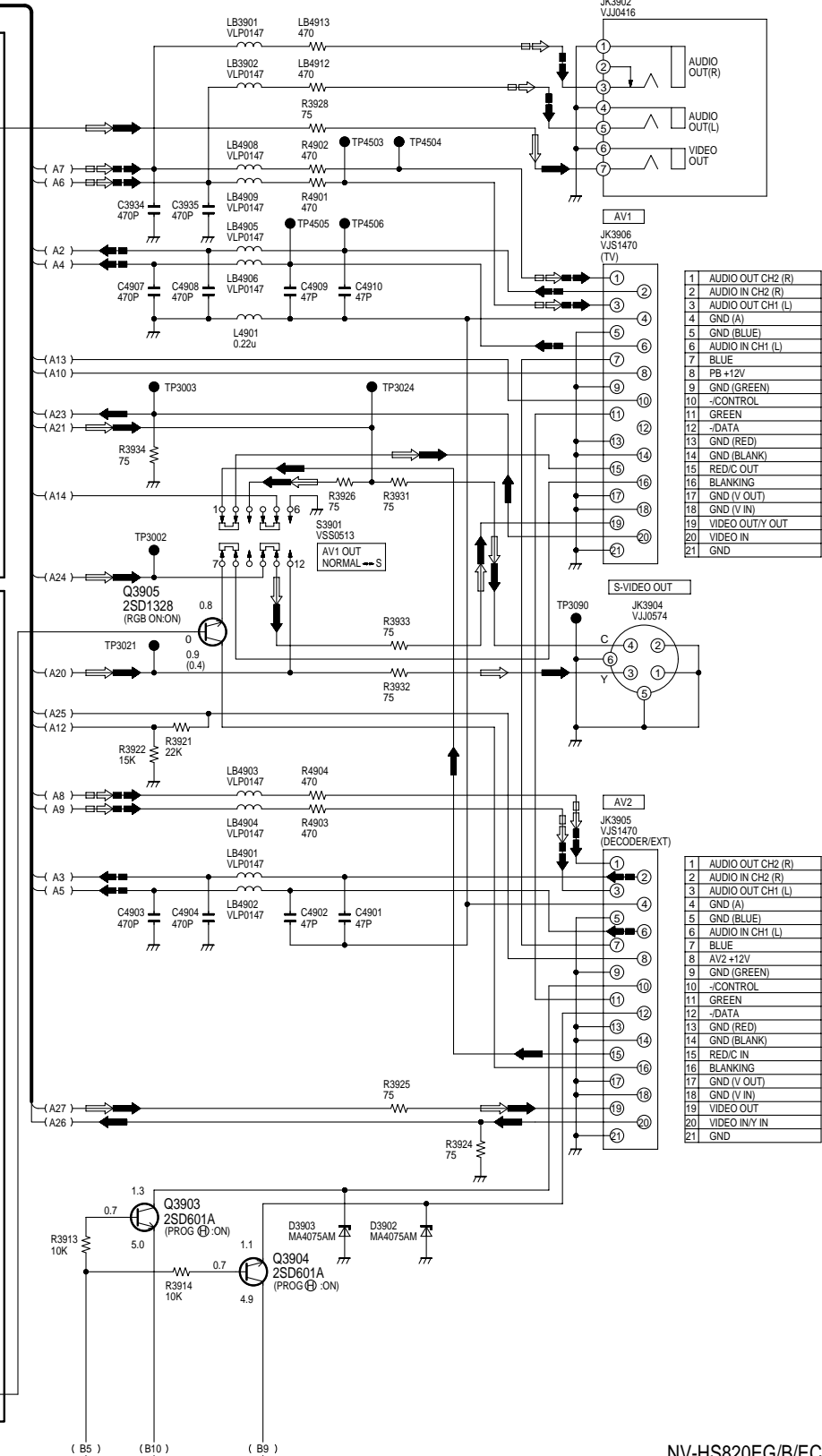
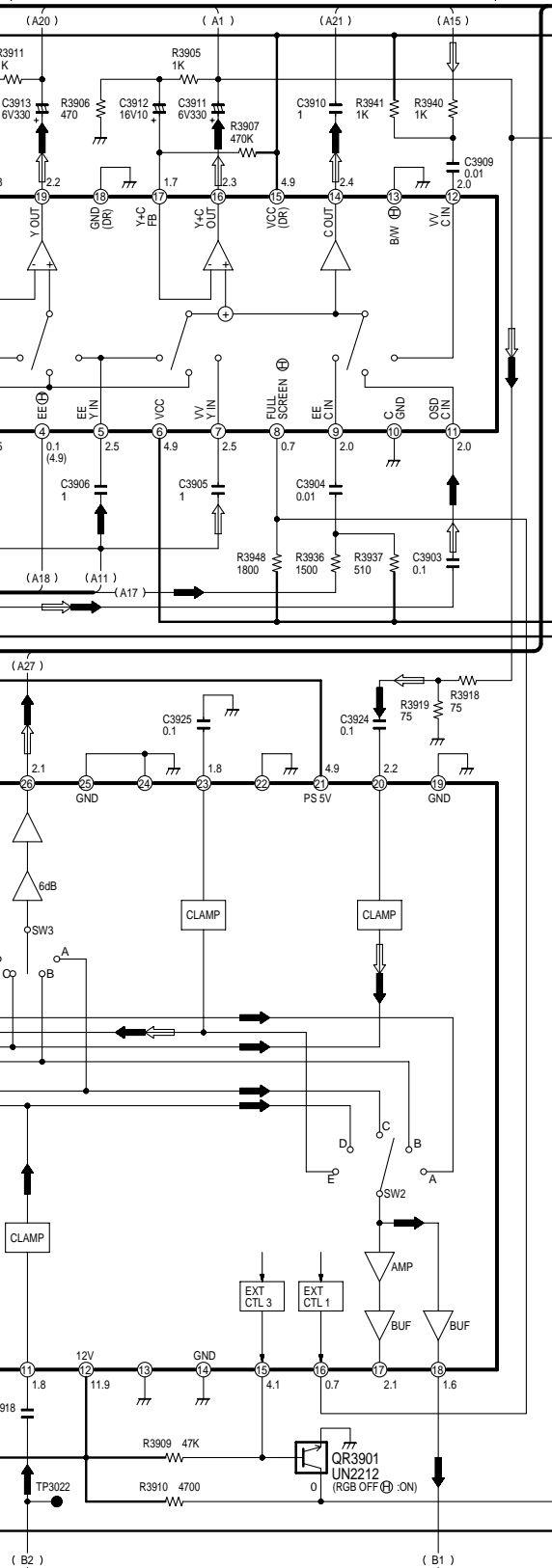
10

11



← AUDIO MAIN SIGNAL PATH IN REC MODE

← AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



1	AUDIO OUT CH2 (R)
2	AUDIO IN CH2 (R)
3	AUDIO OUT CH1 (L)
4	GND (A)
5	GND (BLUE)
6	AUDIO IN CH1 (L)
7	BLUE
8	PB +12V
9	GND (GREEN)
10	-CONTROL
11	GREEN
12	-DATA
13	GND (RED)
14	GND (BLANK)
15	REDIC OUT
16	BLANKING
17	GND (V OUT)
18	GND (V IN)
19	VIDEO OUT/Y OUT
20	VIDEO IN
21	GND

1	AUDIO OUT CH2 (R)
2	AUDIO IN CH2 (R)
3	AUDIO OUT CH1 (L)
4	GND (A)
5	GND (BLUE)
6	AUDIO IN CH1 (L)
7	BLUE
8	AV2 +12V
9	GND (GREEN)
10	-CONTROL
11	GREEN
12	-DATA
13	GND (RED)
14	GND (BLANK)
15	REDIC IN
16	BLANKING
17	GND (V OUT)
18	GND (V IN)
19	VIDEO OUT
20	VIDEO IN/Y IN
21	GND

← PAGE OUT OF THE BRACKETS 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-HS820EG/B/EC
INPUT/OUTPUT PACK
SCHEMATIC DIAGRAM

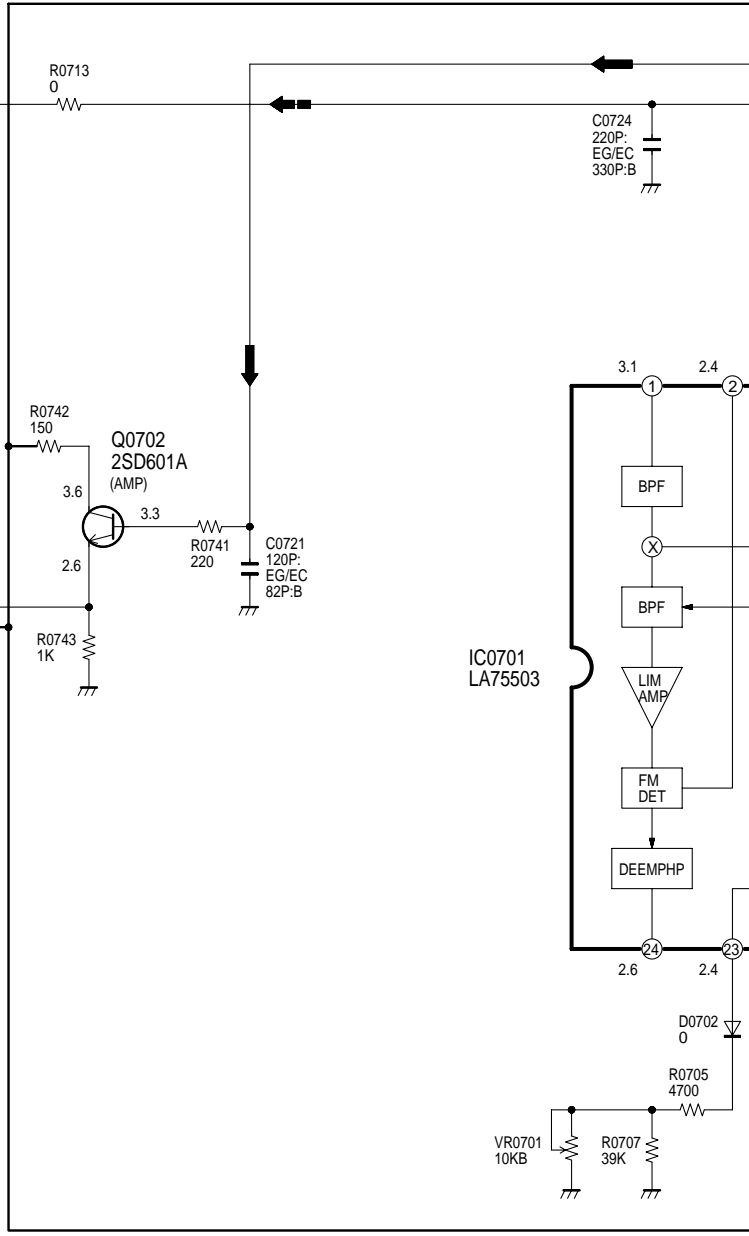
F
E
D
C
B
A

VIDEO SIGNAL PATH AUDIO SIGNAL PATH

TO POWER SUPPLY/
RF SECTION DU7601
(D-10)

PK0701		
DU7601-19		1
DU7601-20		2
DU7601-21		3
DU7601-22	SIF/QPSK	4
DU7601-23	AFC S-CURVE	5
DU7601-24	TUNER VIDEO	6
DU7601-25	TUNER 5V	7
DU7601-26		8
DU7601-27	GND	9

1.6
2.4
2.6
5.0



PP0701
(TO TUNER UNIT)

4MHz	1
AGC	2
IF	3
GND	4

L0701
0.18u:EG/EC
0.22u:B

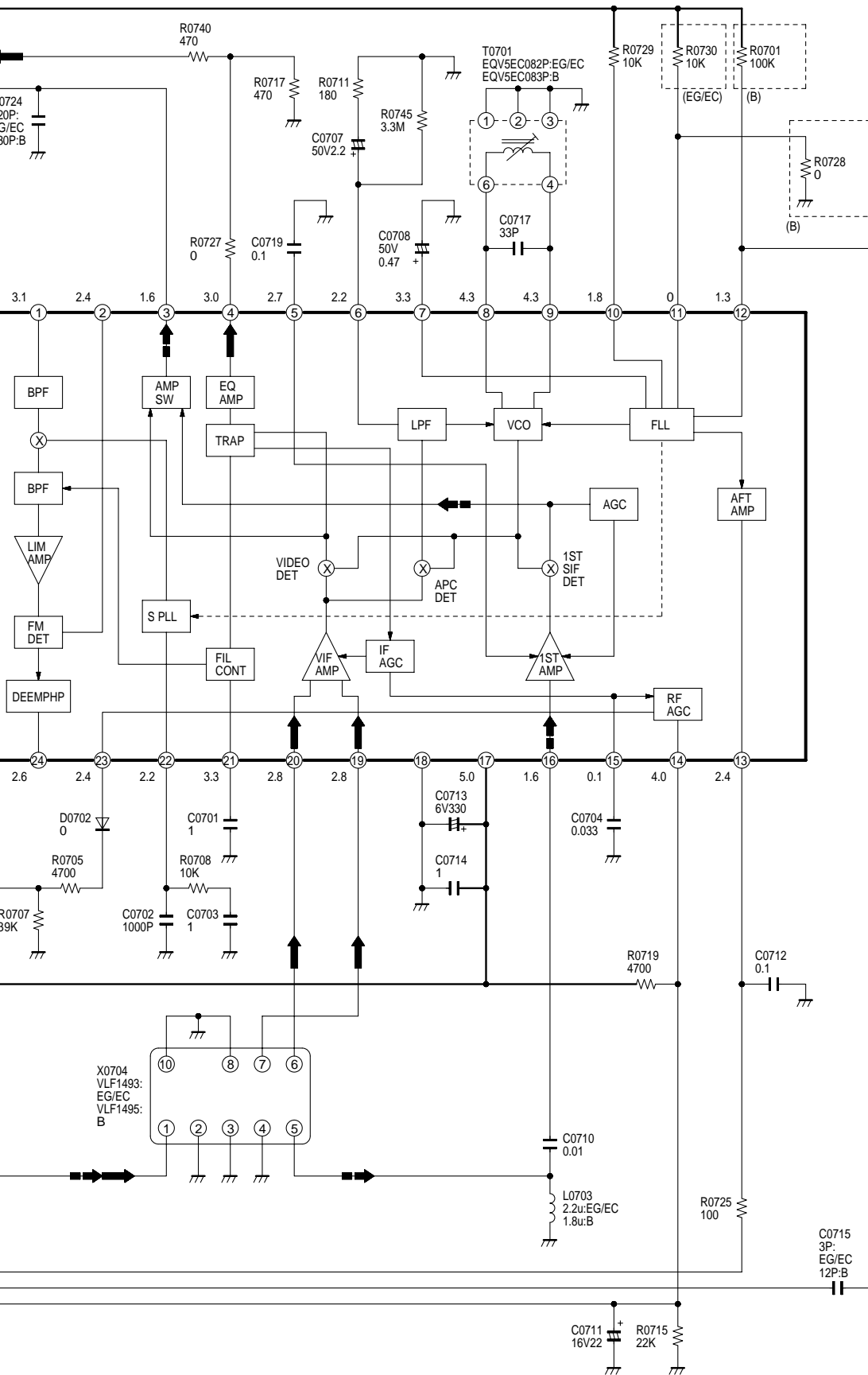
X0701
VLF1416:EG/EC
VLF1417:B

X0701
VLF1416:EG/EC
VLF1417:B

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

NOTE:DO NOT USE ANY PART NUMBER
ORDERING.WHEN YOU ORDER

1 2 3 4 5

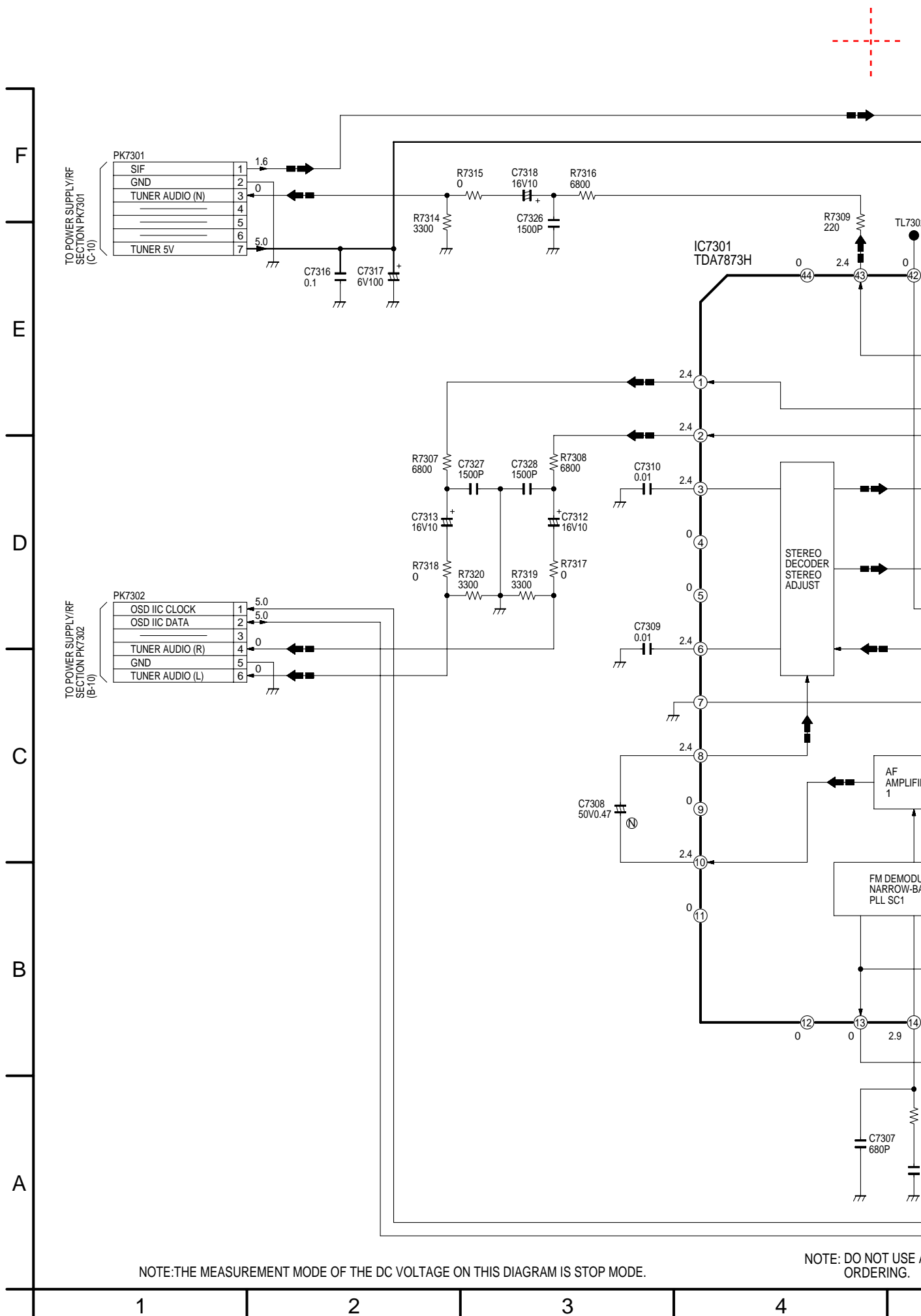


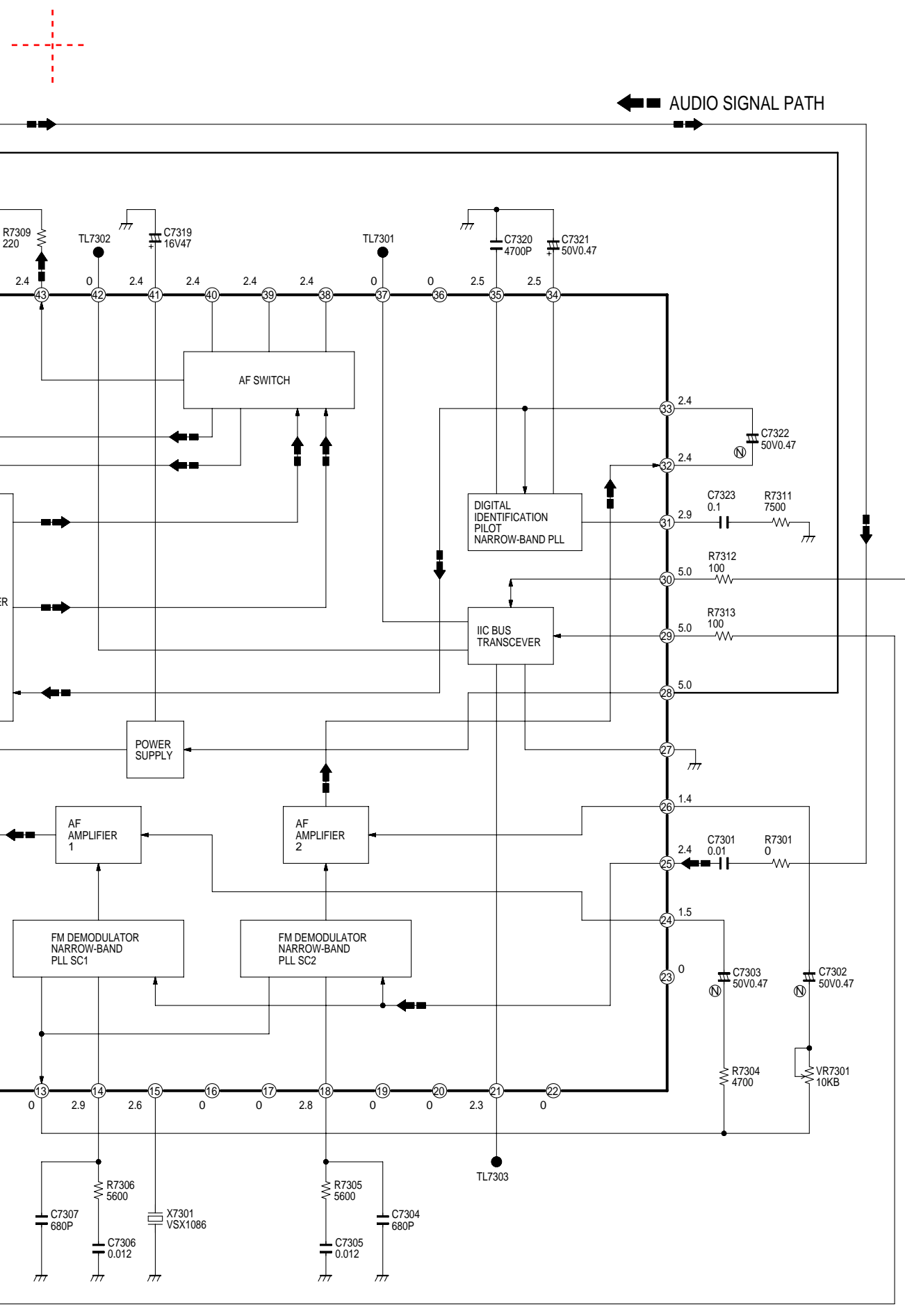
5

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

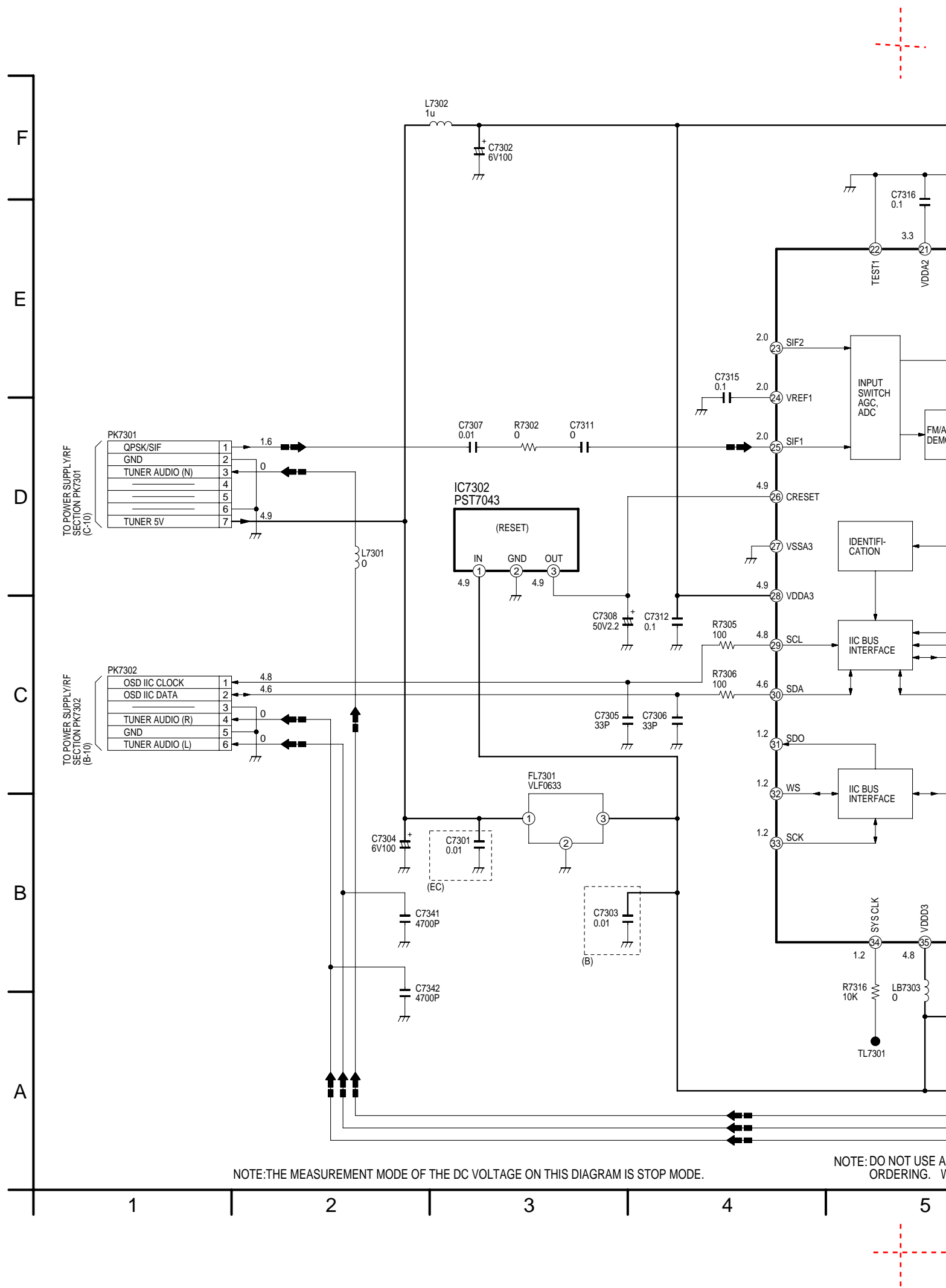
NV-HS820EG
DECODER PACK SCHEMATIC DIAGRAM

5

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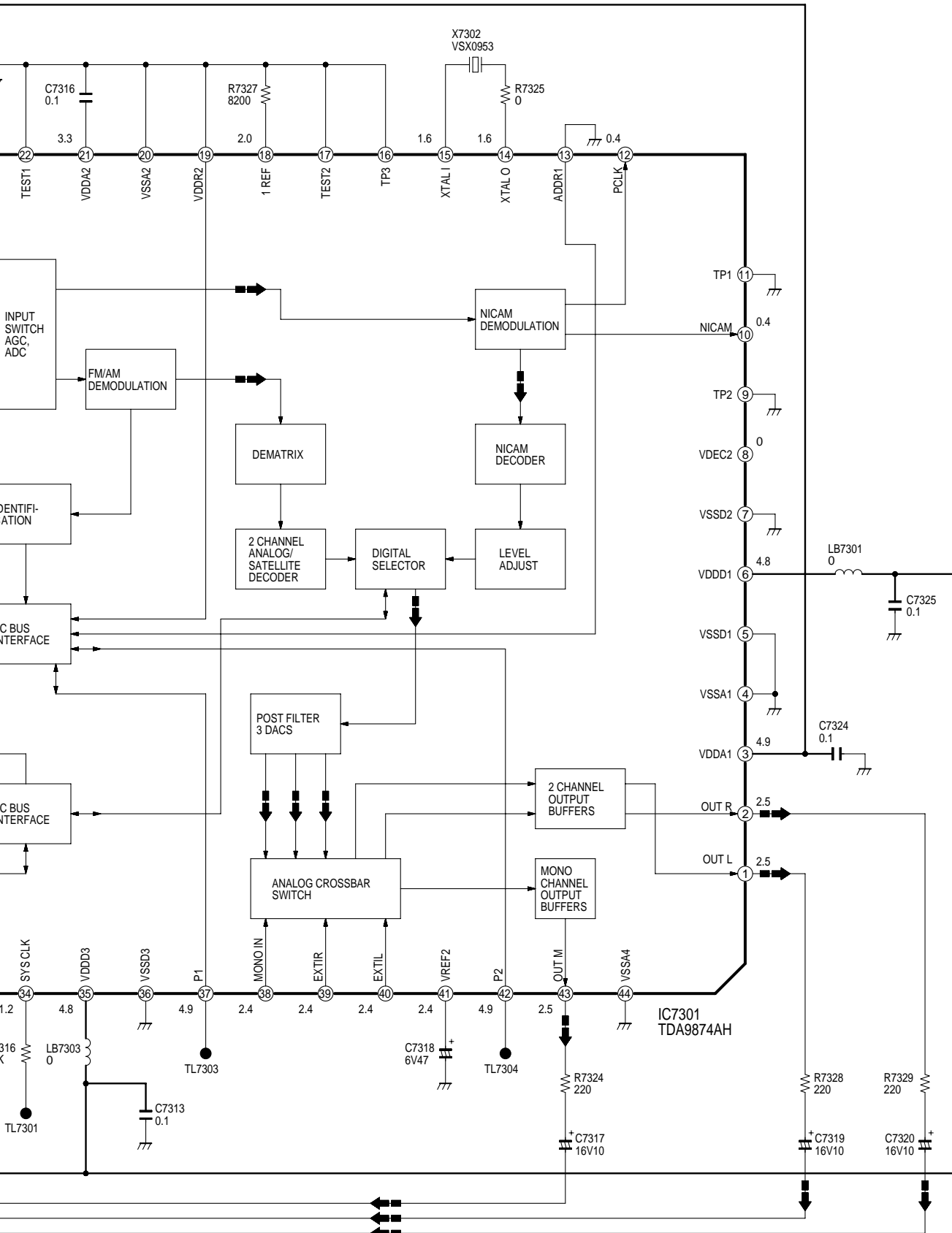
8



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

NOTE: DO NOT USE A ORDERING. V

← AUDIO SIGNAL PATH



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

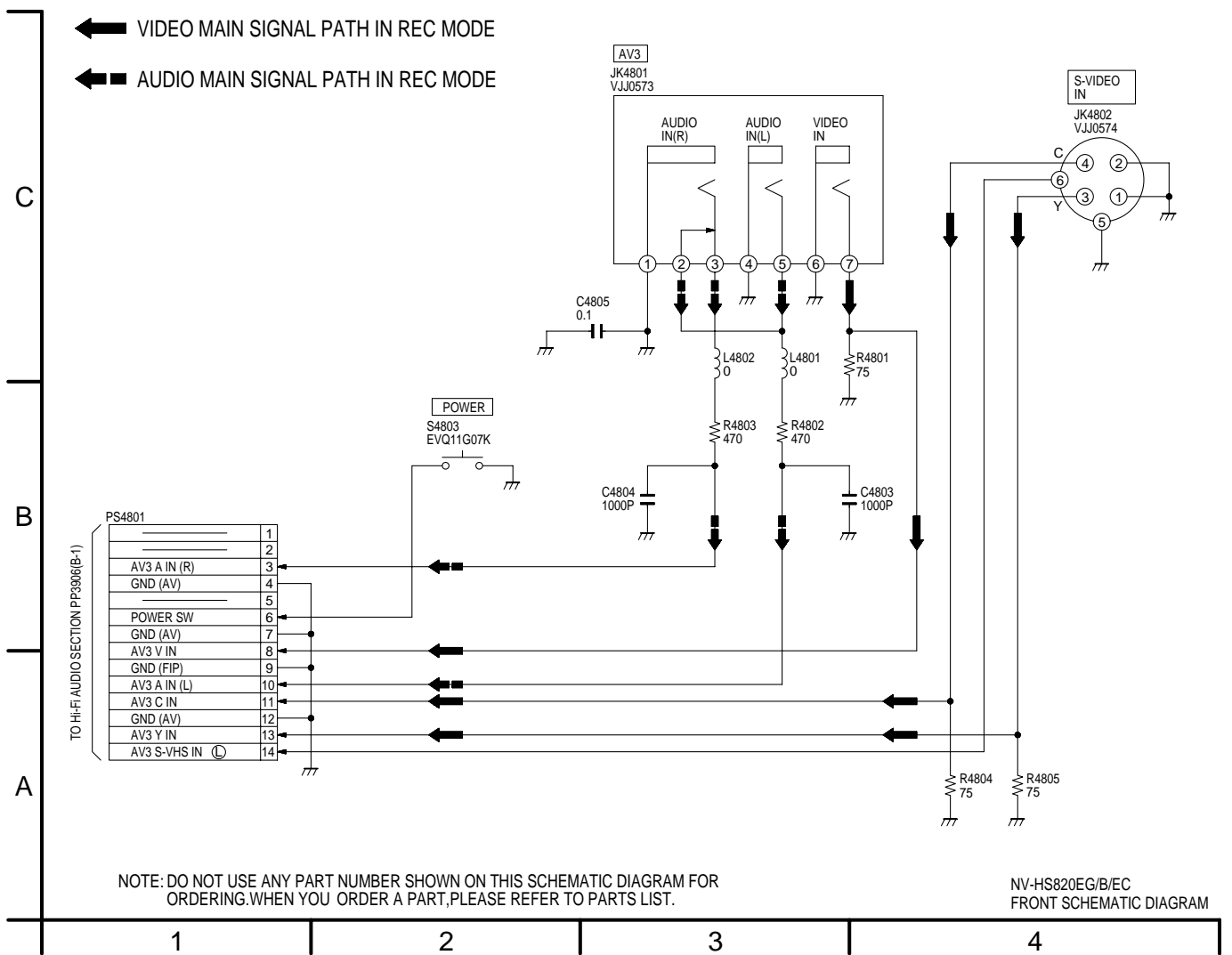
NV-HS820B/EC
NICAM DECODER PACK SCHEMATIC DIAGRAM

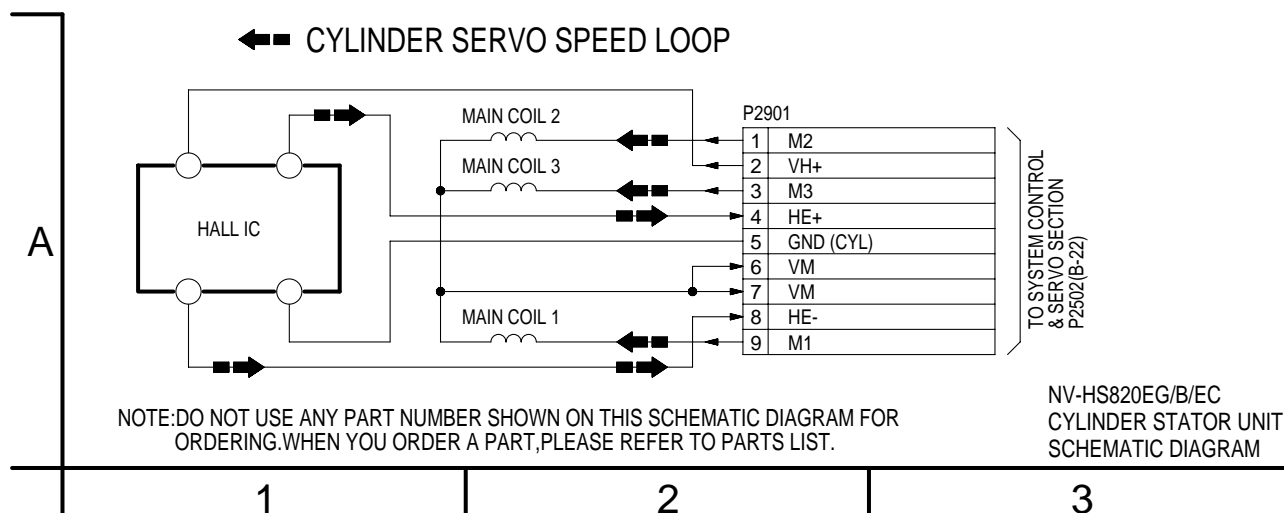
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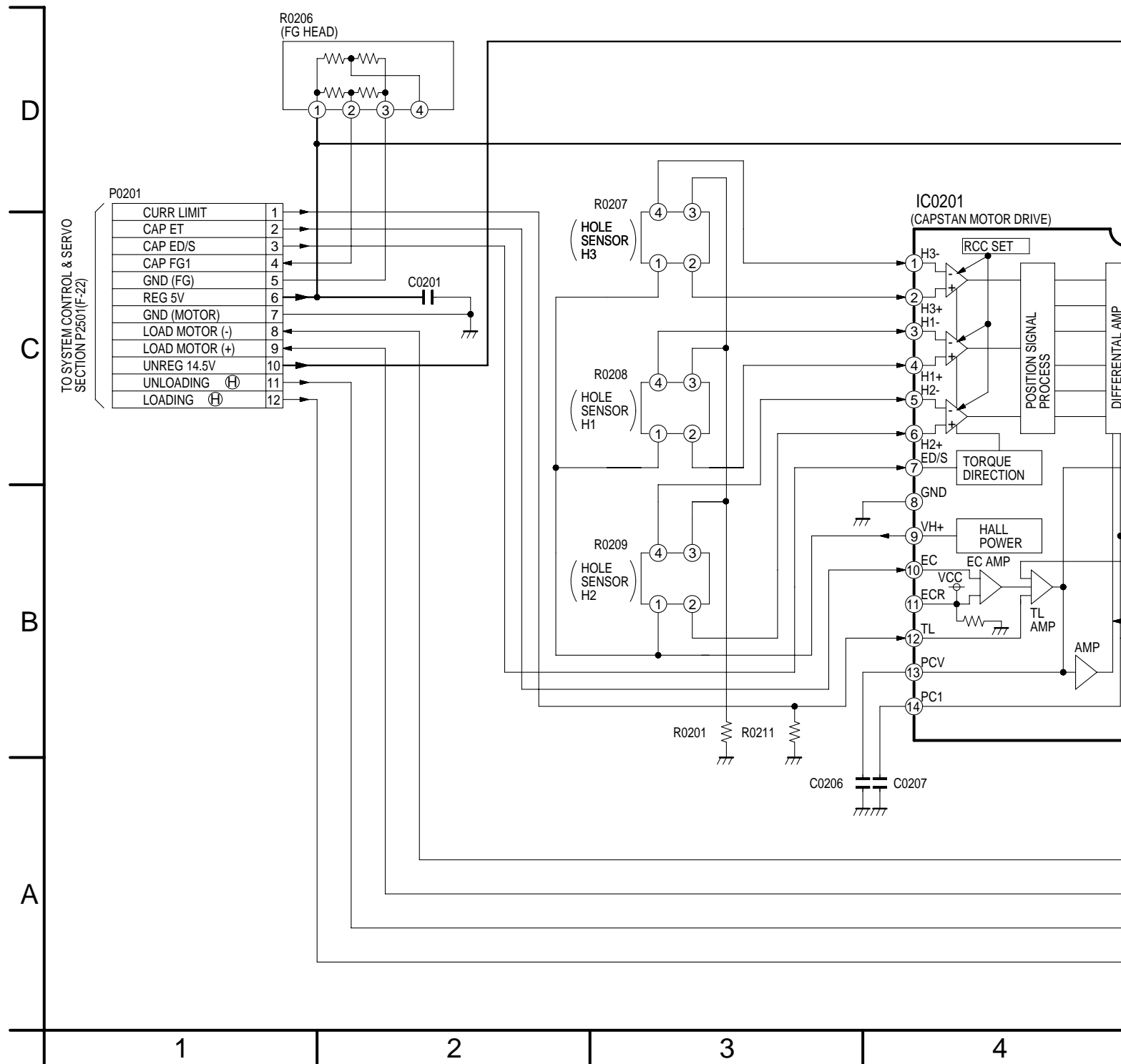
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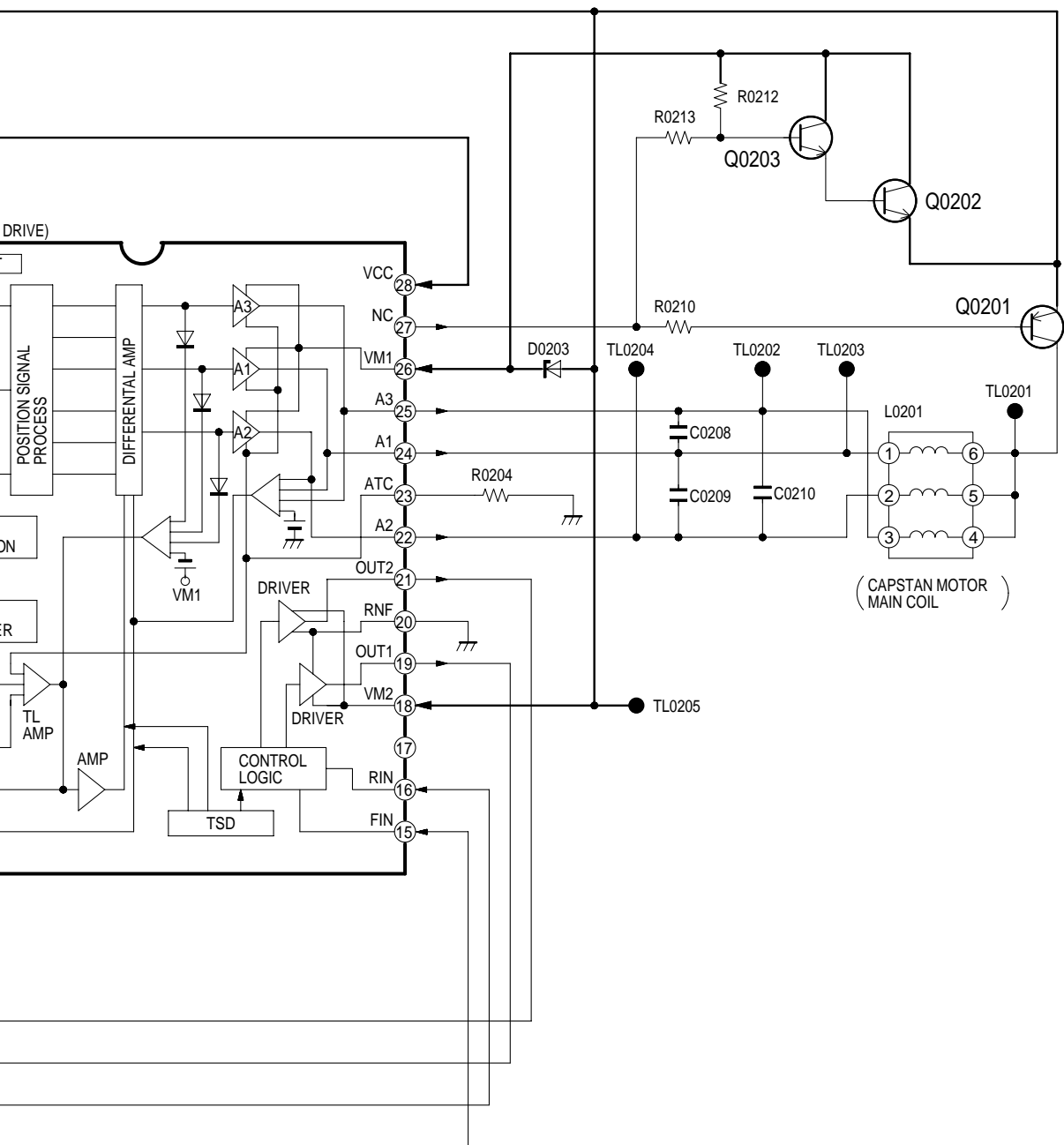
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NV-HS820EG/B/EC
CAPSTAN UNIT SCHEMATIC DIAGRAM

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