
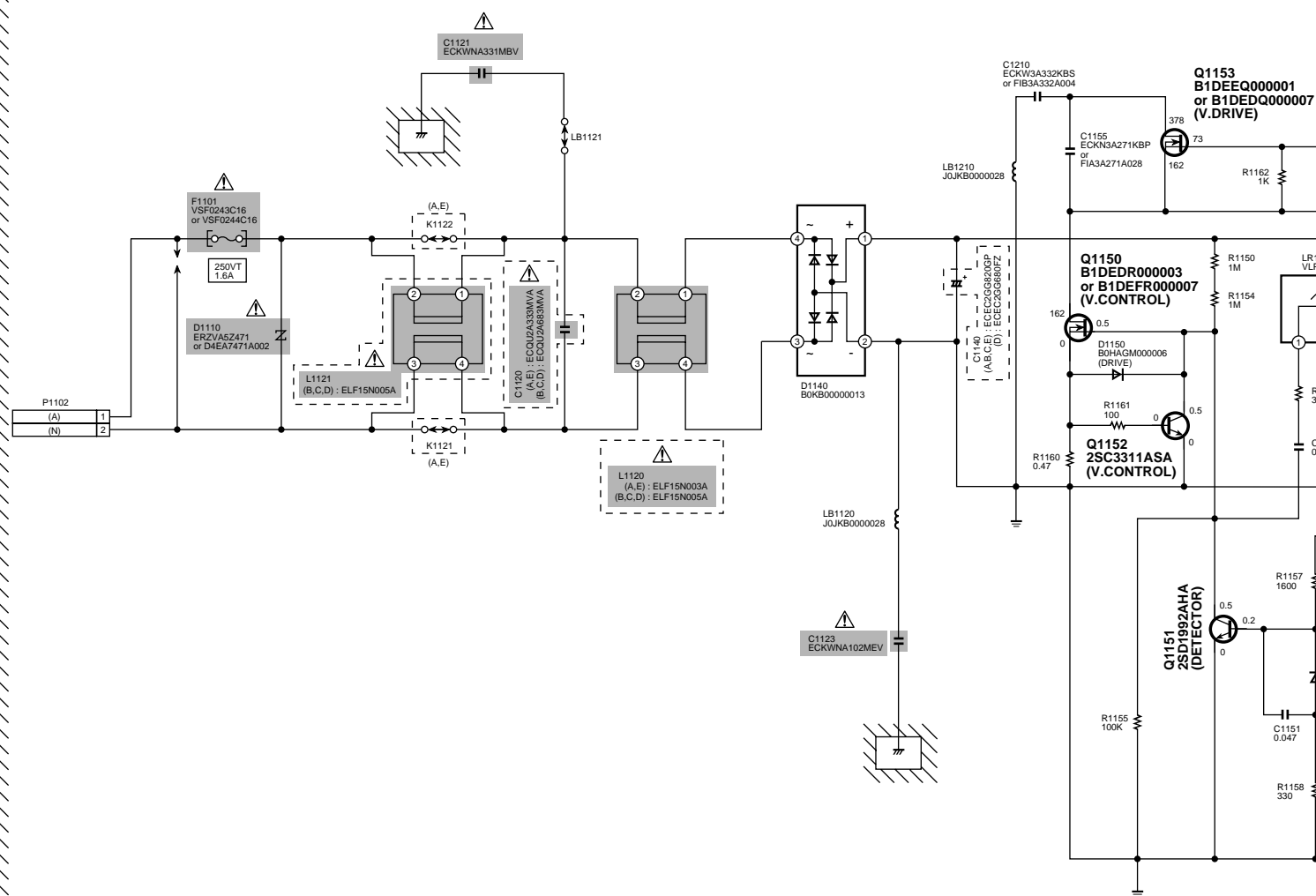


CAUTION

THE  MARK 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.



⑤ : TO SYSTEM CONTROL & SERVO / TIMER SECTION

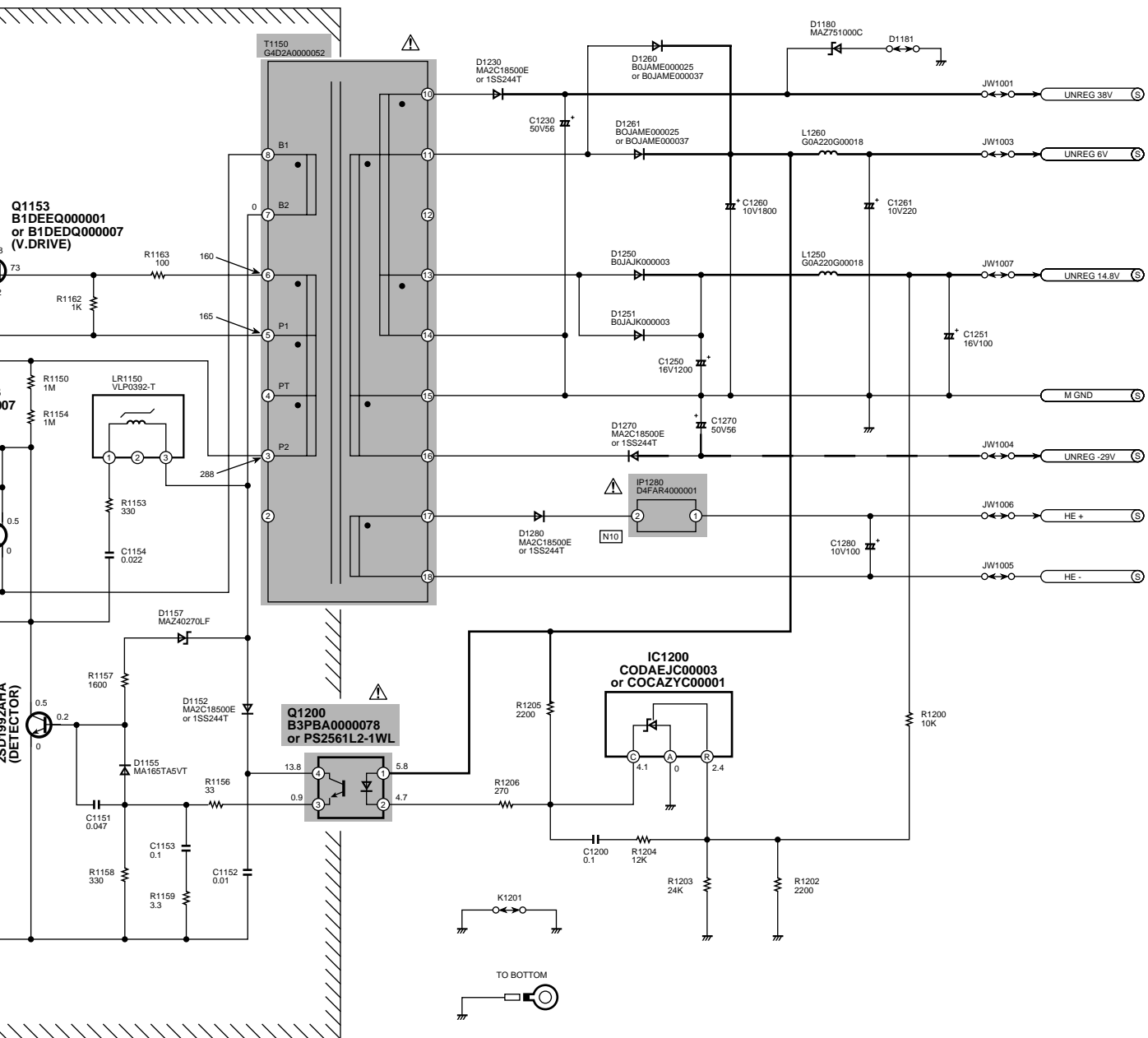
HOT



- (A) : NV-FJ620AM/AMC
- (B) : NV-FJ620EU
- (C) : NV-FJ620AU
- (D) : NV-FJ620BD/BDX
- (E) : NV-FJ625AM/AMM

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.
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 220V.

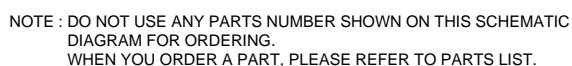


NOTE : DO NOT USE ANY PARTS NUMBER SHOWN ON THIS SCHEMATIC
DIAGRAM FOR ORDERING.
WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

**NV-FJ620AM/AMC/EU/AU/BD/BDX,NV-FJ625AM/AMM
POWER SECTION IN MAIN SCHEMATIC DIAGRAM**

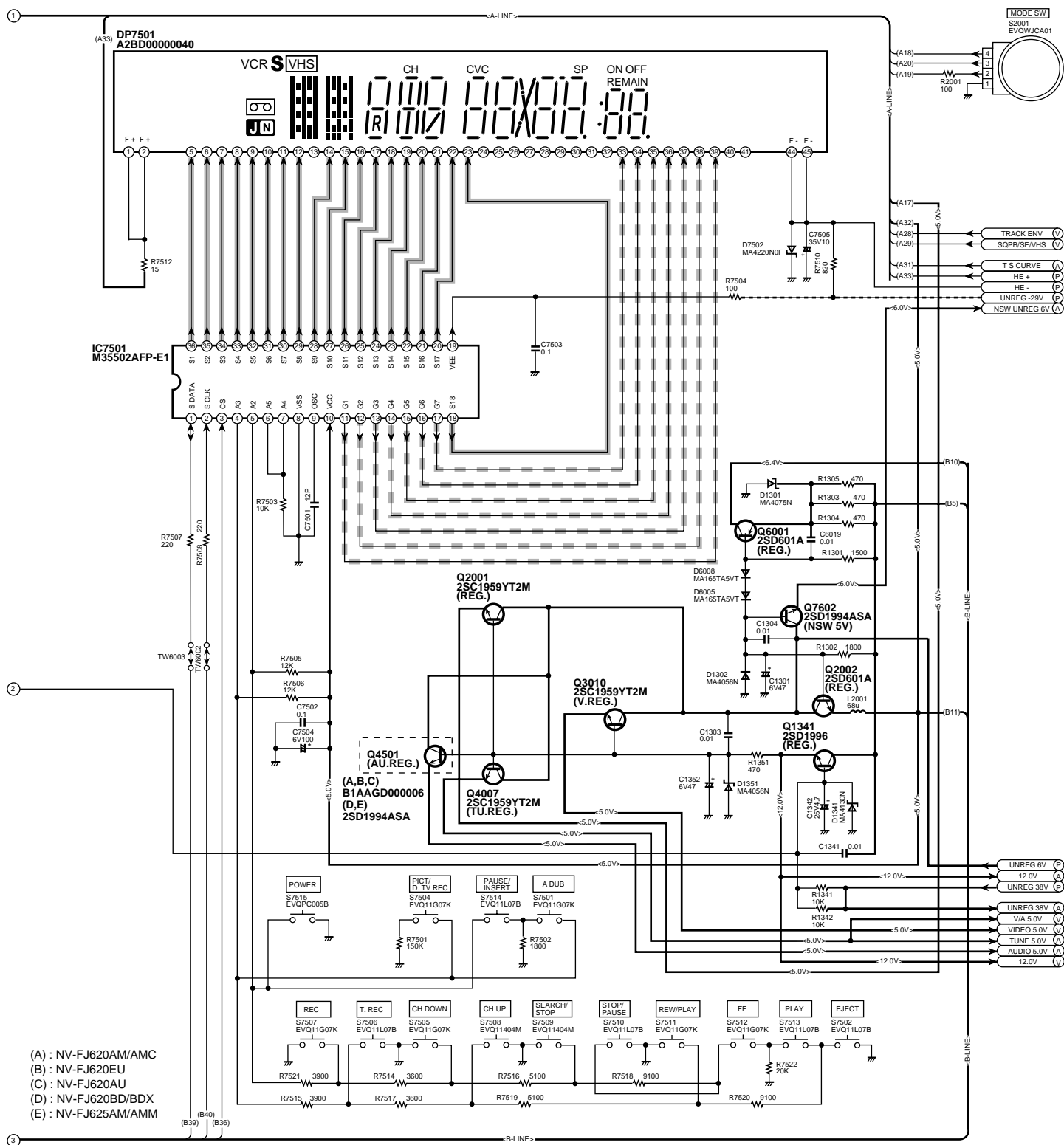
4

◀◻:CAPSTAN SERVO PHASE LOOP ◀■:CYLINDER SERVO SPEED LOOP
 ◀■:CAPSTAN SERVO SPEED LOOP ◀◻:CYLINDER SERVO PHASE LOOP



NV-FJ620AM/AMC/EU/AU/BD/BDX,NV-FJ625AM/AMM
SYSTEM CONTROL & SERVO / TIMER IN MAIN SCHEMATIC DIAGRAM

■ ■ ■ GRID CONTROL SIGNAL PATH
 ——— SEGMENT CONTROL SIGNAL PATH



(A) : NV-FJ620AM/AMC
(B) : NV-FJ620EU
(C) : NV-FJ620AU
(D) : NV-FJ620BD/BDX
(E) : NV-FJ625AM/AMM

ENV	V
SE/VHS	V
CURVE	A
E +	P
E -	P
G -29V	P
WREG 6V	A

REG 6V	(P)
2.0V	(A)
REG 38V	(P)
REG 38V	(A)
5.0V	(V)
EO 5.0V	(V)
NE 5.0V	(A)
DIO 5.0V	(A)
2.0V	(V)

REG 6V	(P)
2.0V	(A)
REG 38V	(P)
REG 38V	(A)
5.0V	(V)
EO 5.0V	(V)
NE 5.0V	(A)
DIO 5.0V	(A)
2.0V	(V)

NV-FJ620AM/AMC/EU/AU/BD/BDX,NV-FJ625AM/AMM
SYSTEM CONTROL & SERVO/TIMER IN MAIN SCHEMATIC DIAGRAM

⑤ TO:SYSTEM CONTROL & SERVO / TIMER SECTION

 : AUDIO MAIN S
 : AUDIO MAIN S



1

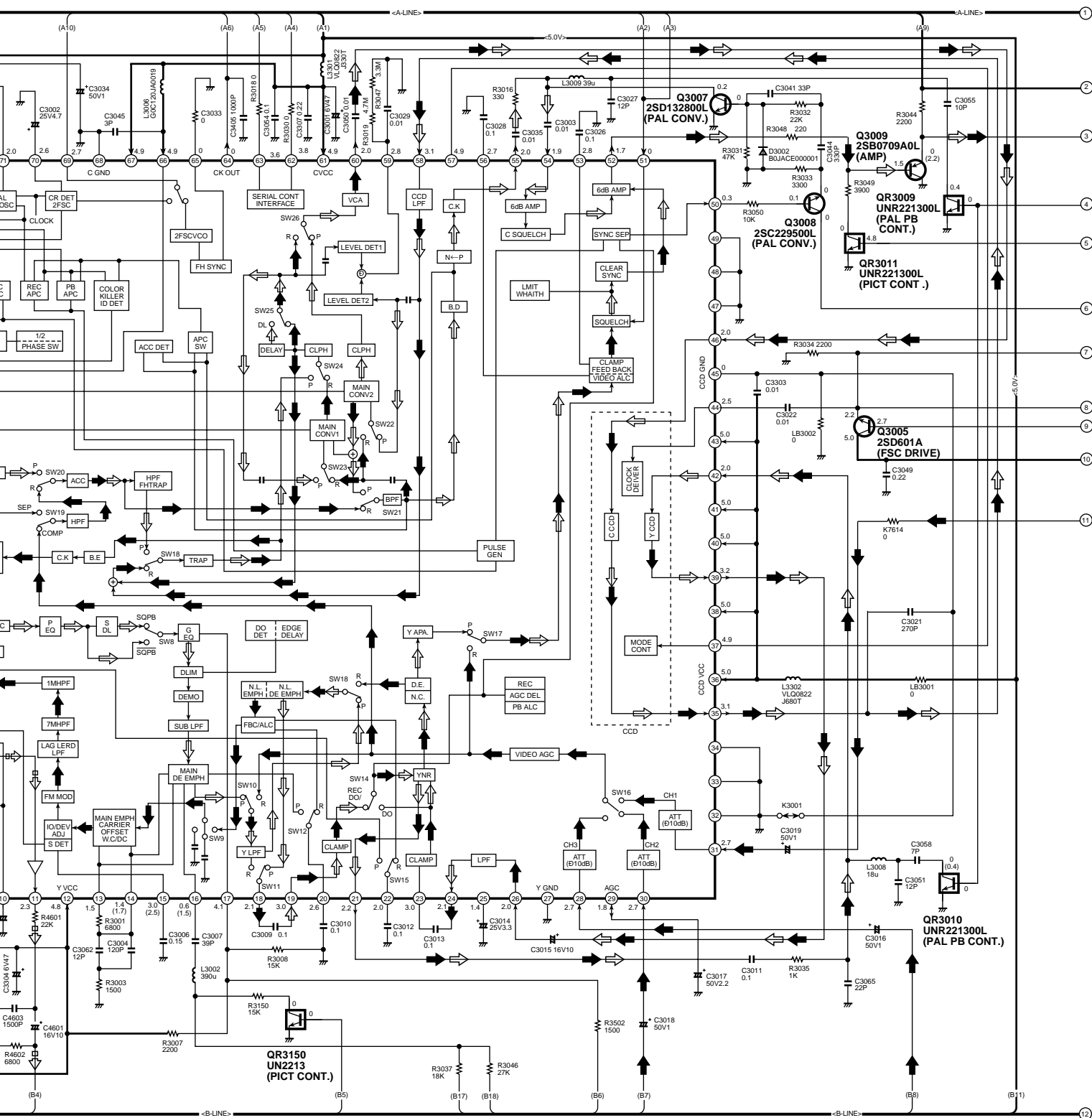
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3

4

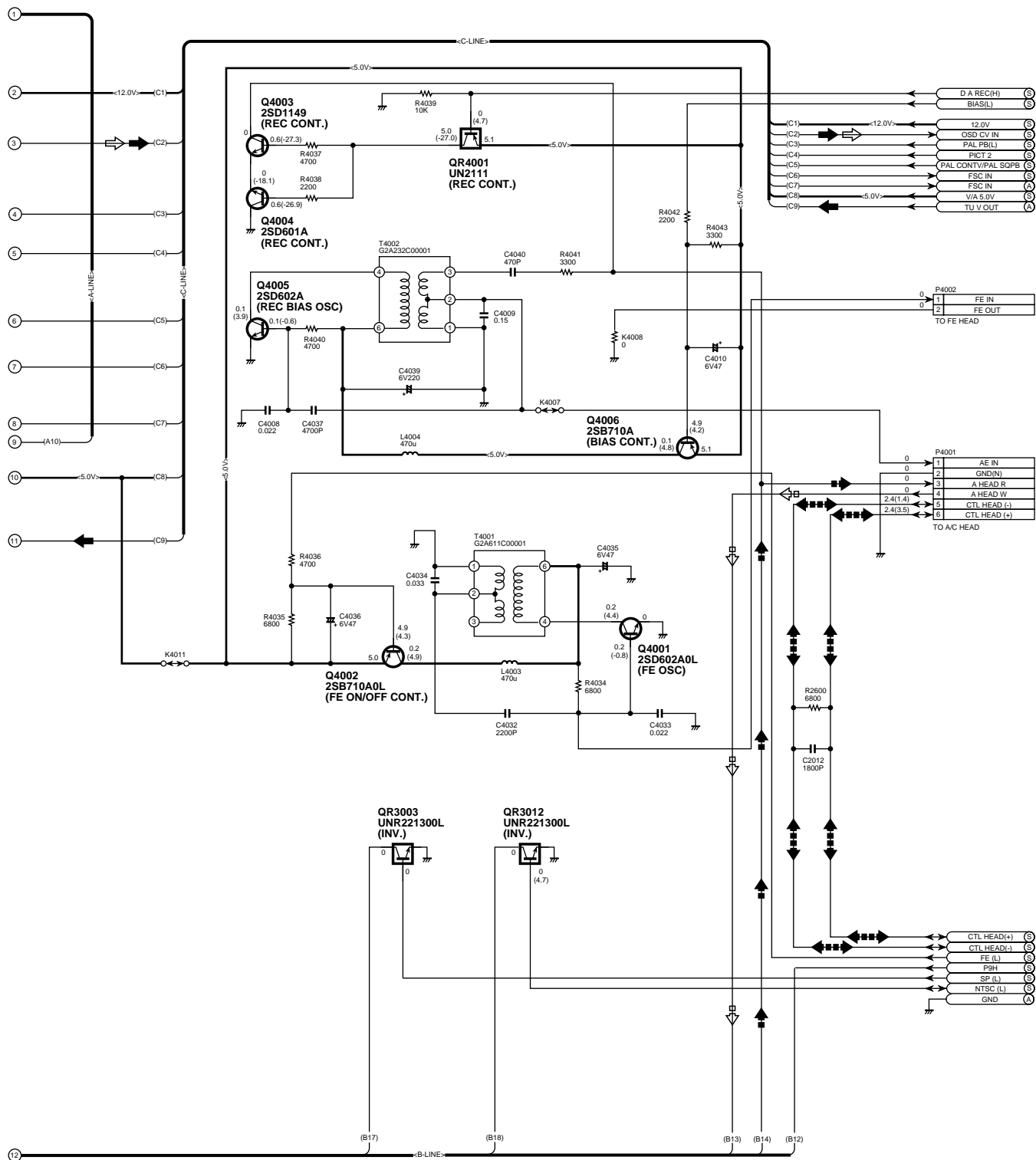
5

UDIO MAIN SIGNAL PATH IN REC MODE UDIO MAIN SIGNAL PATH IN PLAYBACK MODE

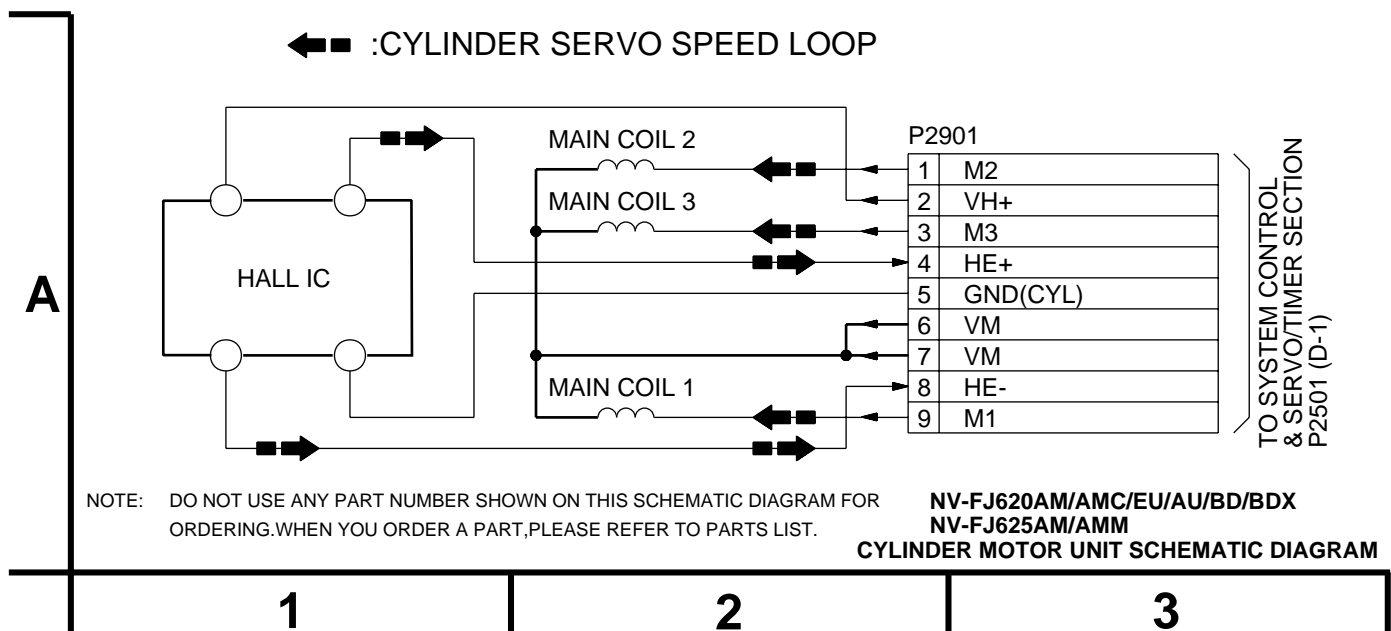


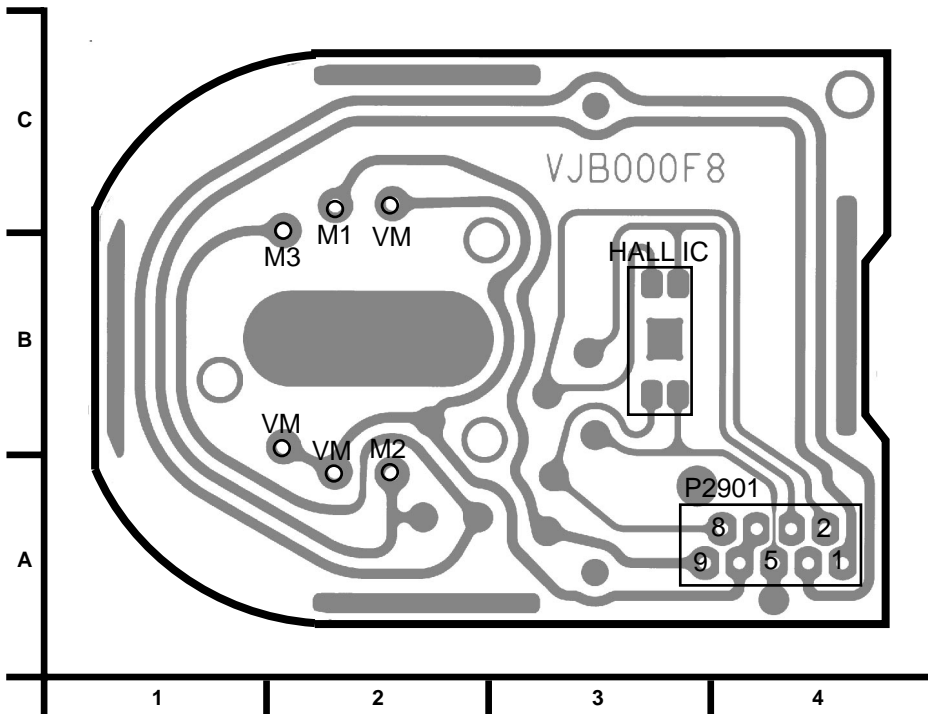
NOTE : DO NOT USE ANY PARTS NUMBER SHOWN ON THIS SCHEMATIC
DIAGRAM FOR ORDERING.
WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NV-FJ620AM/AMC/EU/AU/BD/BDX,NV-FJ625AM/AMM
VIDEO SECTION IN MAIN SCHEMATIC DIAGRAM



NV-FJ620AM/AMC/EU/AU/BD/BDX,NV-FJ625AM/AMM
VIDEO SECTION IN MAIN SCHEMATIC DIAGRAM





CYLINDER MOTOR UNIT	
Integrated Circuit	
HALL IC	B-3
Connector	
P2901	A-4

ADDRESS INFORMATION

NV-FJ620AM/AMC/EU/AU/BD/BDX
NV-FJ625AM/AMM
CYLINDER MOTOR C.B.A

←: VIDEO MAIN SIGNAL PATH IN REC MODE ←: AUDIO MAIN SIGNAL PATH IN REC MODE ⇐: VIDEO

- (S) : TO SYSTEM CONTROL & SERVO / TIMER SECTION
(V) : TO VIDEO SECTION

- (S) AUDIO 5.0V
(S) I2C CLK
(S) I2C DATA
(V) FSC IN
(V) FRONT V
(S) A11 SW
(S) ABS NORM
(S) D FM REC

- (D) : VEP07A18Q
(E) : VEP07A18P
PK7602
AUDIO (L) 6
GND 5
AUDIO (R) 4
GND 3
SDA 2
SCL 1
(D,E) : TO NICAM DECODER
PACK PK7302 (C-1)
PK7601
SW 5V 7
GND 6
TU AUDIO 5
GND 4
GPSK 3
(D,E) : TO NICAM DECODER
PACK PK7301 (D-1)


- (V) TUN AUDIO IN
(S) 12.0V
(V) L ch AUDIO IN
(V) R VIDEO IN
(S) NSW UNREG 6V
(V) TU V OUT
(S) T S CURVE
(S) TUNE 5.0V
(S) UNREG 38V
(V) V OUT

- (S) FM MUTE
(S) CH HL/SW1

- (V) NORA A.IN
(V) A COM
(V) AR
(V) AL
(V) GND

- (A) : NV-FJ620AM/AMC
(B) : NV-FJ620EU
(C) : NV-FJ620AU
(D) : NV-FJ620BD/BDX
(E) : NV-FJ625AM/AMM

NOTE : THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS () ON THIS DIAGRAM IS RECORD MODE WITH NTSC COLOUR SIGNAL. (SP MODE) THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH NTSC COLOUR SIGNAL. (SP MODE)

NOTE : DO NOT USE ANY PARTS NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.
WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL SAFETY PRECAUTIONS WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY THE SPECIFIED PARTS.

1

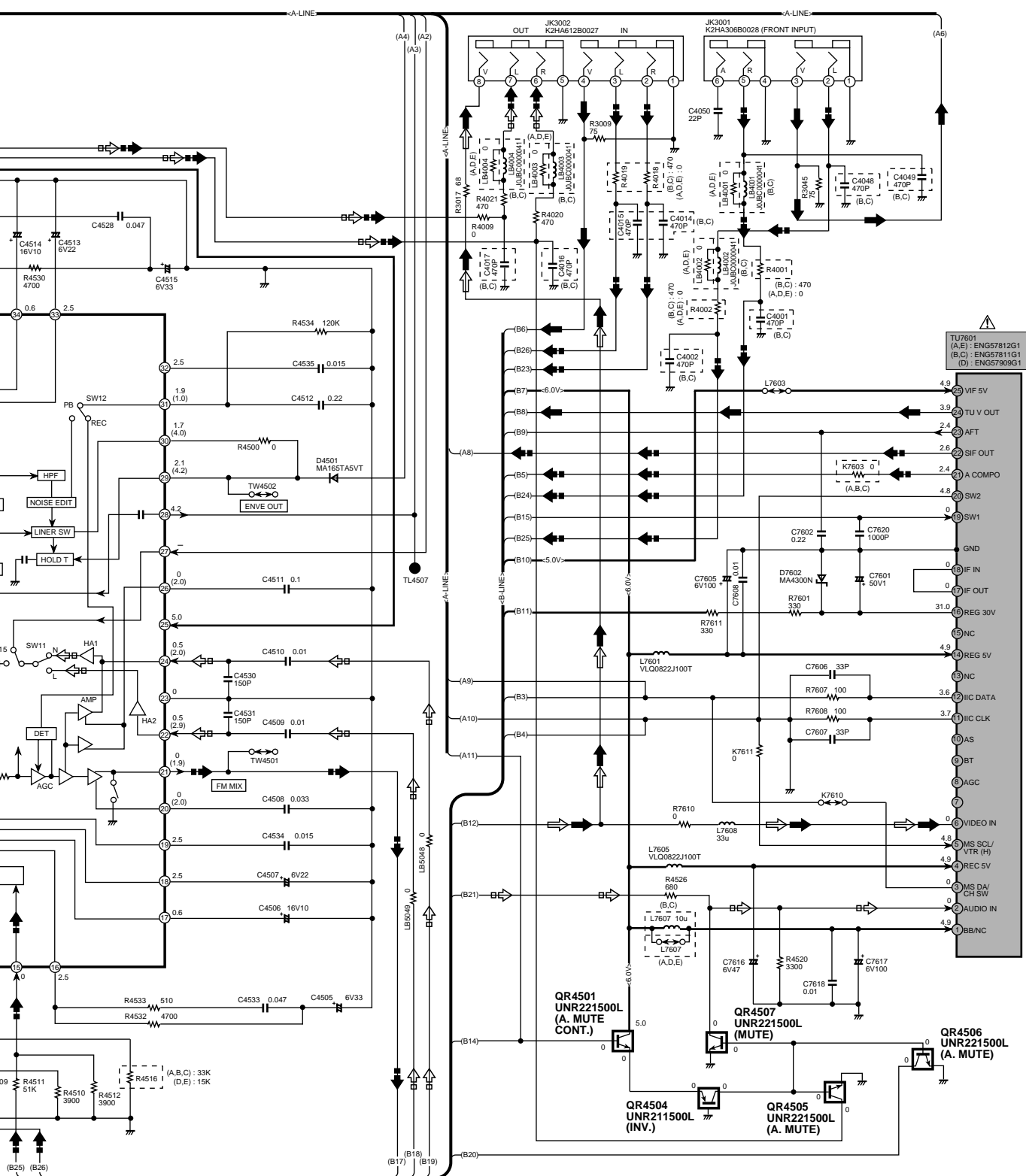
2

3

4

5

◀▶ :AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



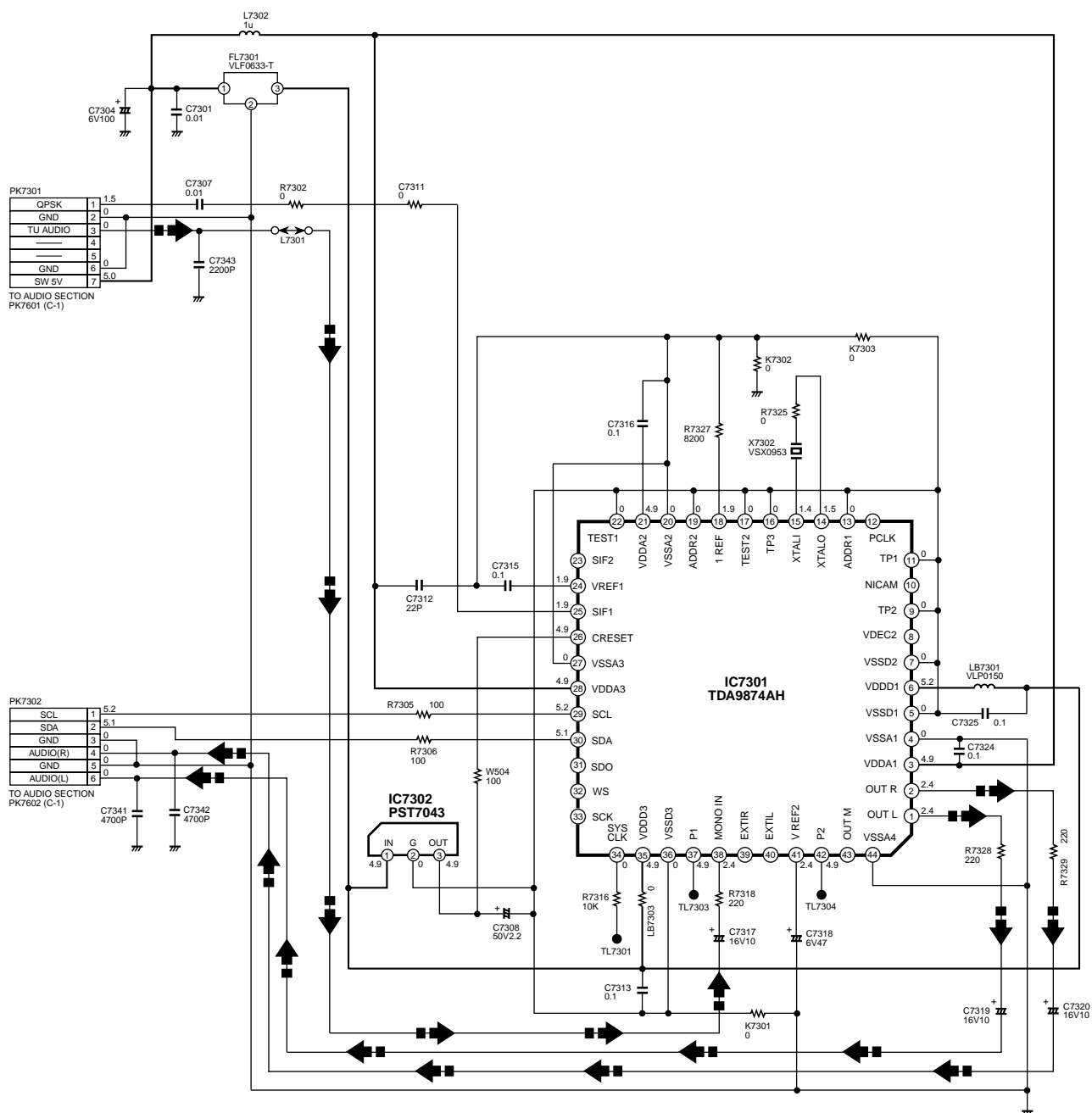
DOWN ON THIS SCHEMATIC

REFER TO PARTS LIST.

△ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
 INTS USE ONLY THE SAME TYPE.

NV-FJ620AM/AMC/EU/AU/BD/BDX,NV-FJ625AM/AMM
AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM

◀◀ :AUDIO SIGNAL PATH



NV-FJ620BD/BDX,NV-FJ625AM/AMM
NICAM DECODER PACK SCHEMATIC DIAGRAM

1

2

3

4

