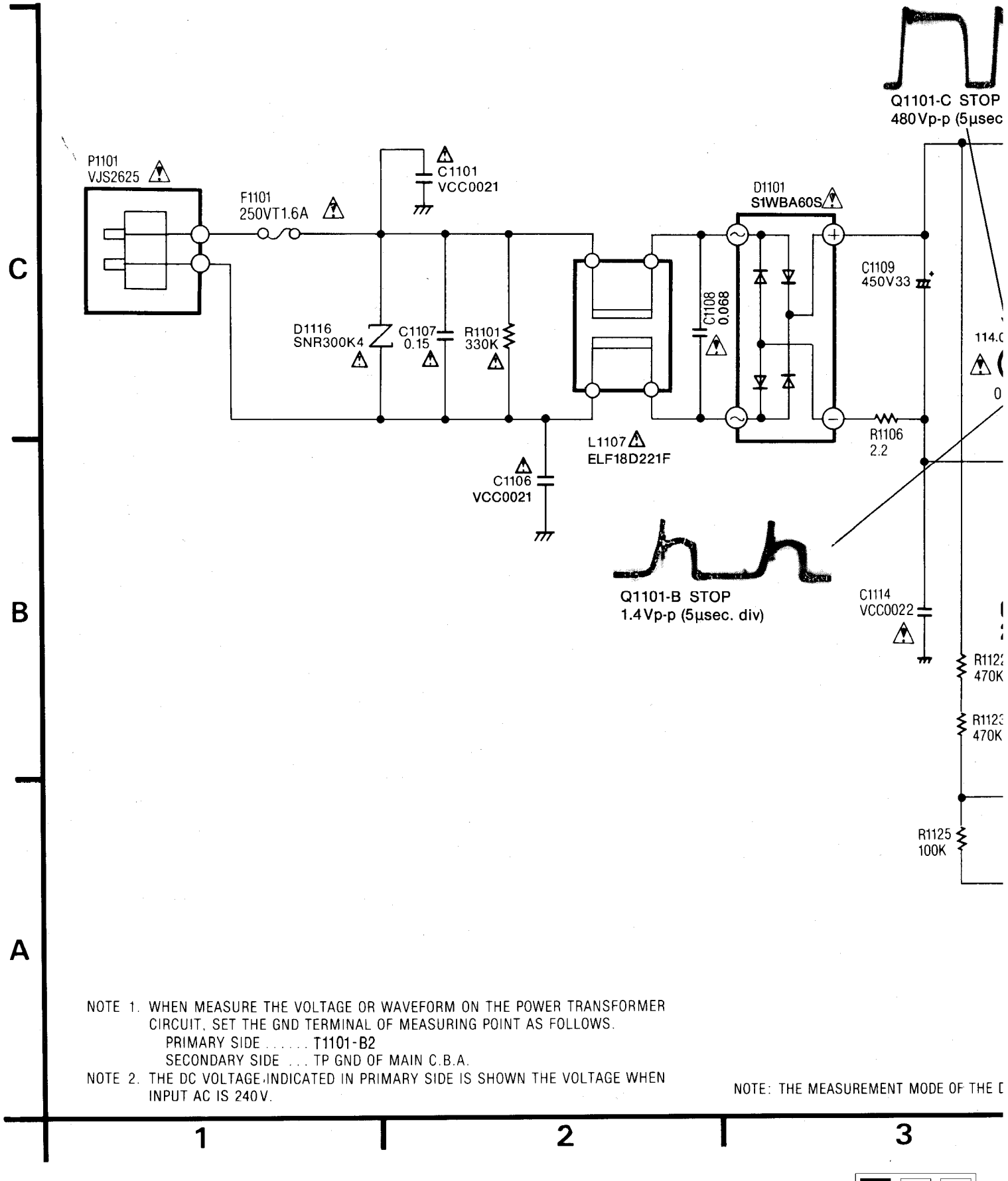
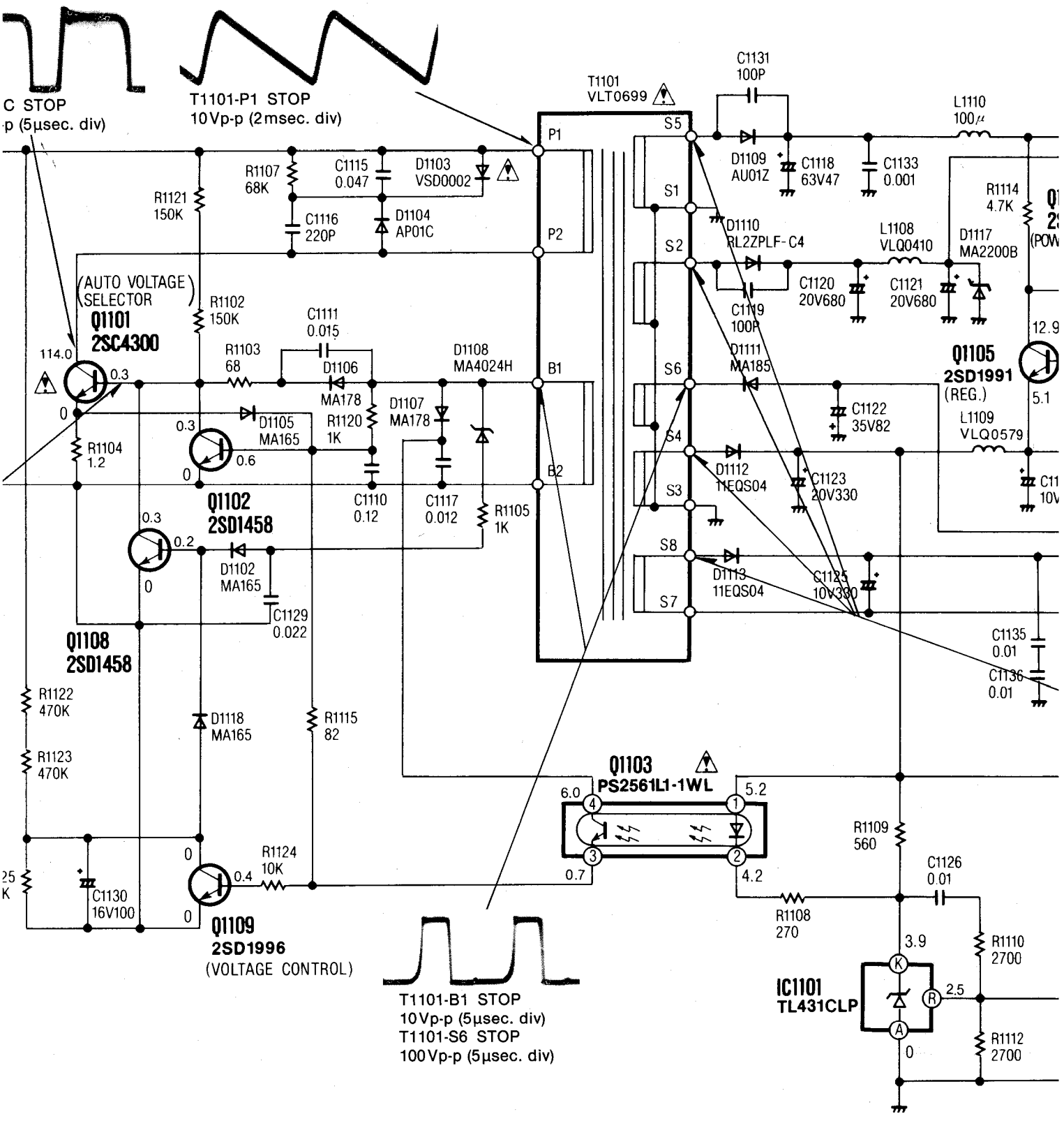
SECTION 4
SCHEMATIC DIAGRAMS
4-1. POWER SCHEMATIC DIAGRAM



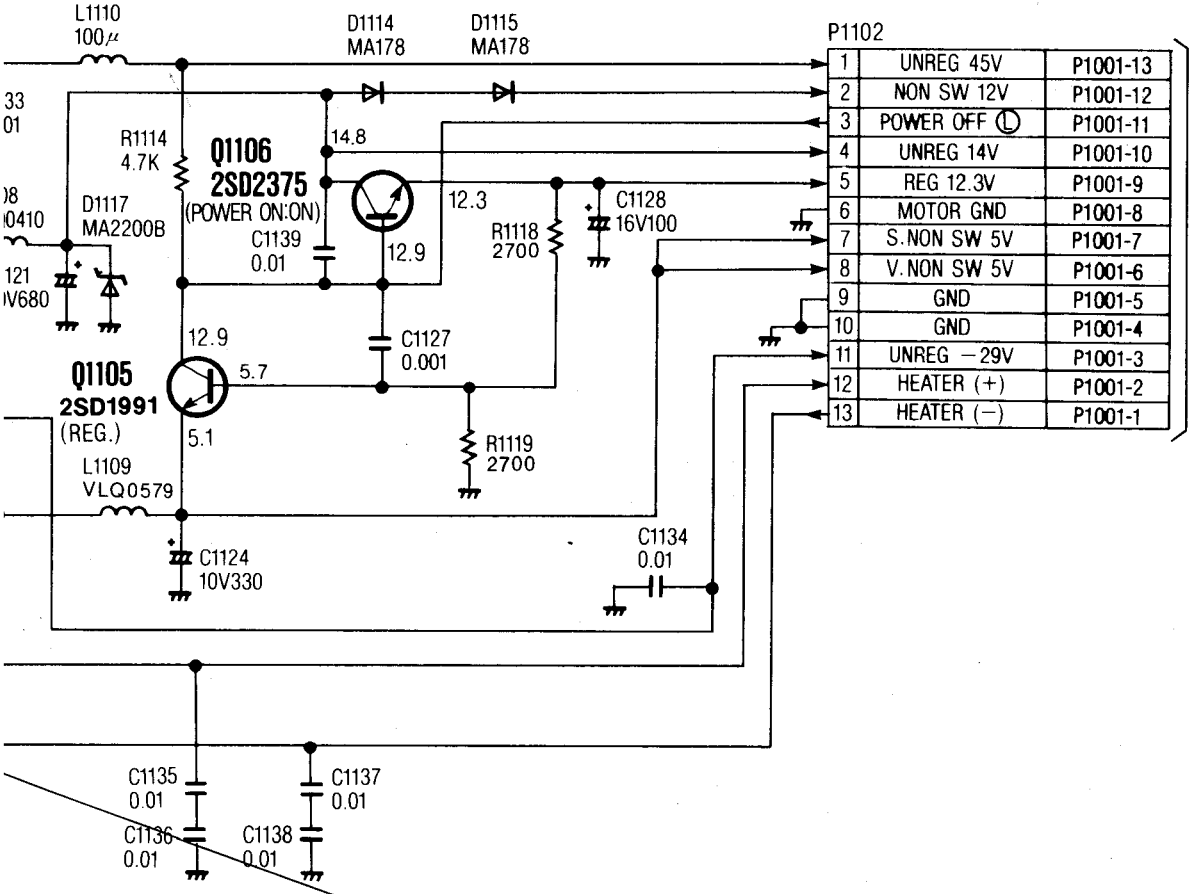
NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE T1101-B2
SECONDARY SIDE . . . TP GND OF MAIN C.B.A.

NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 240V.

NOTE: THE MEASUREMENT MODE OF THE D



E OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

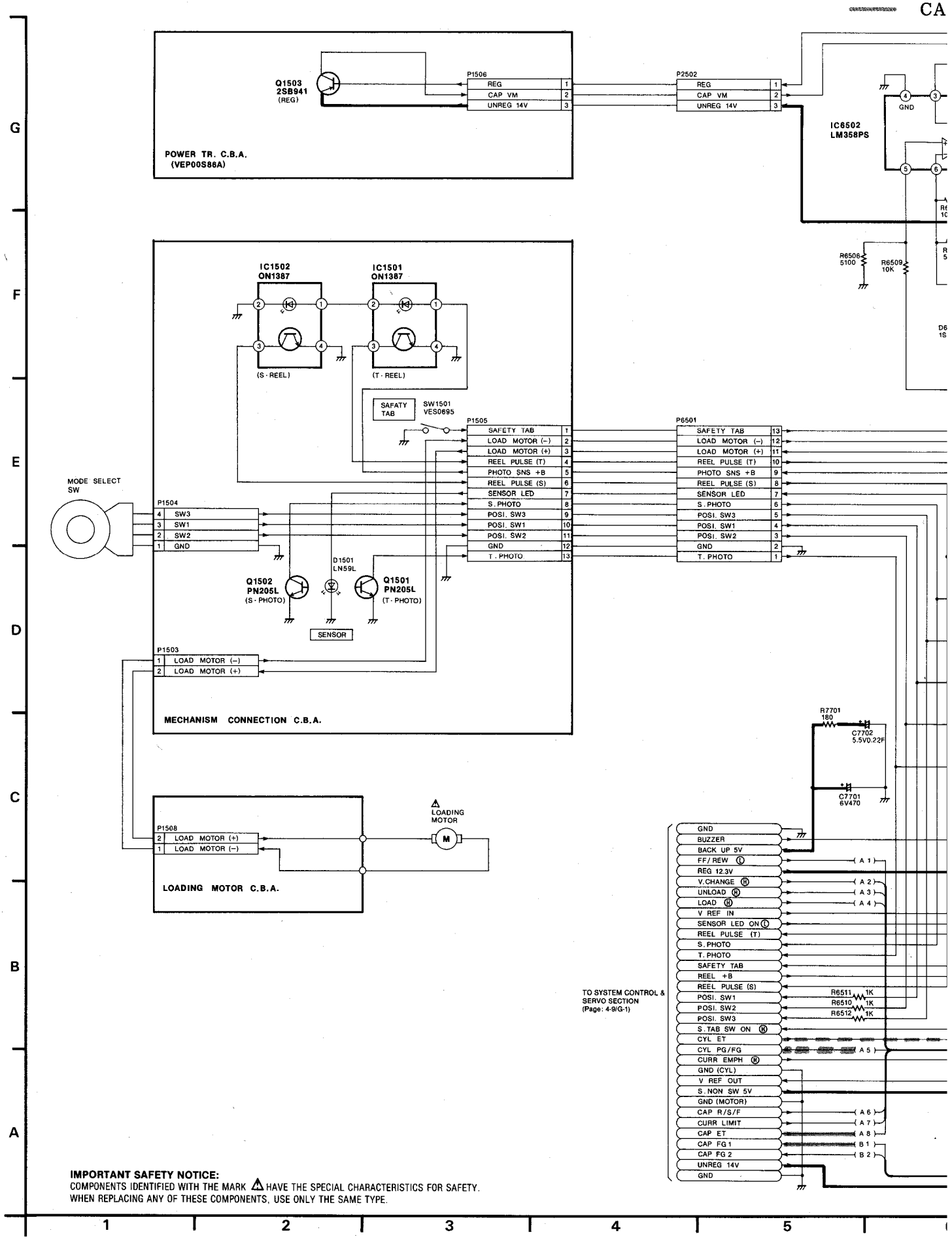


T1101-S2 STOP
50Vp-p (5μsec. div)
T1101-S4 STOP
20Vp-p (5μsec. div)
T1101-S5 STOP
125Vp-p (5μsec. div)
T1101-S8 STOP
25Vp-p (5μsec. div)

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

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

4-2. SUB SERVO SECTION IN MAIN SCHEMATIC DIAGRAM



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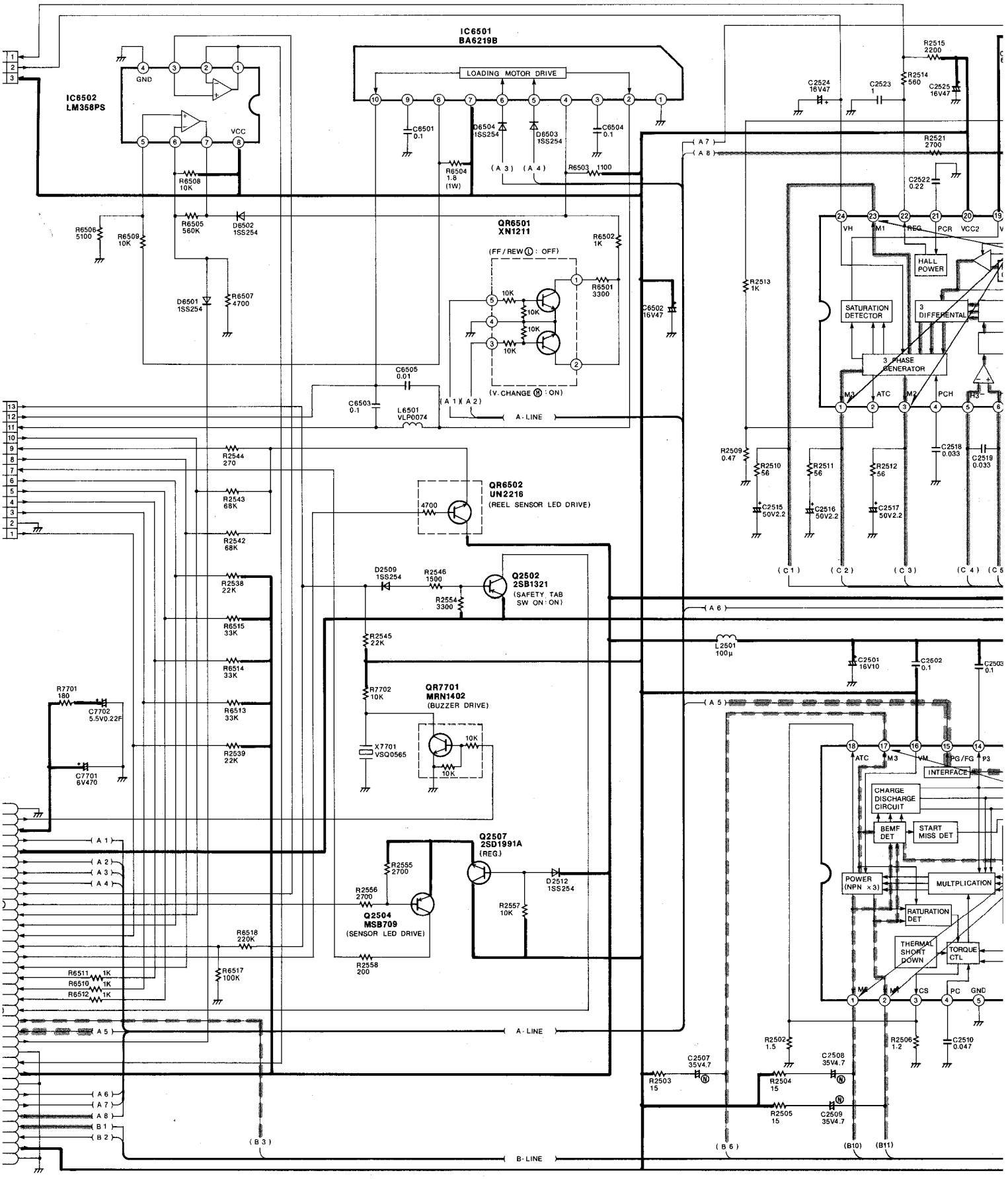
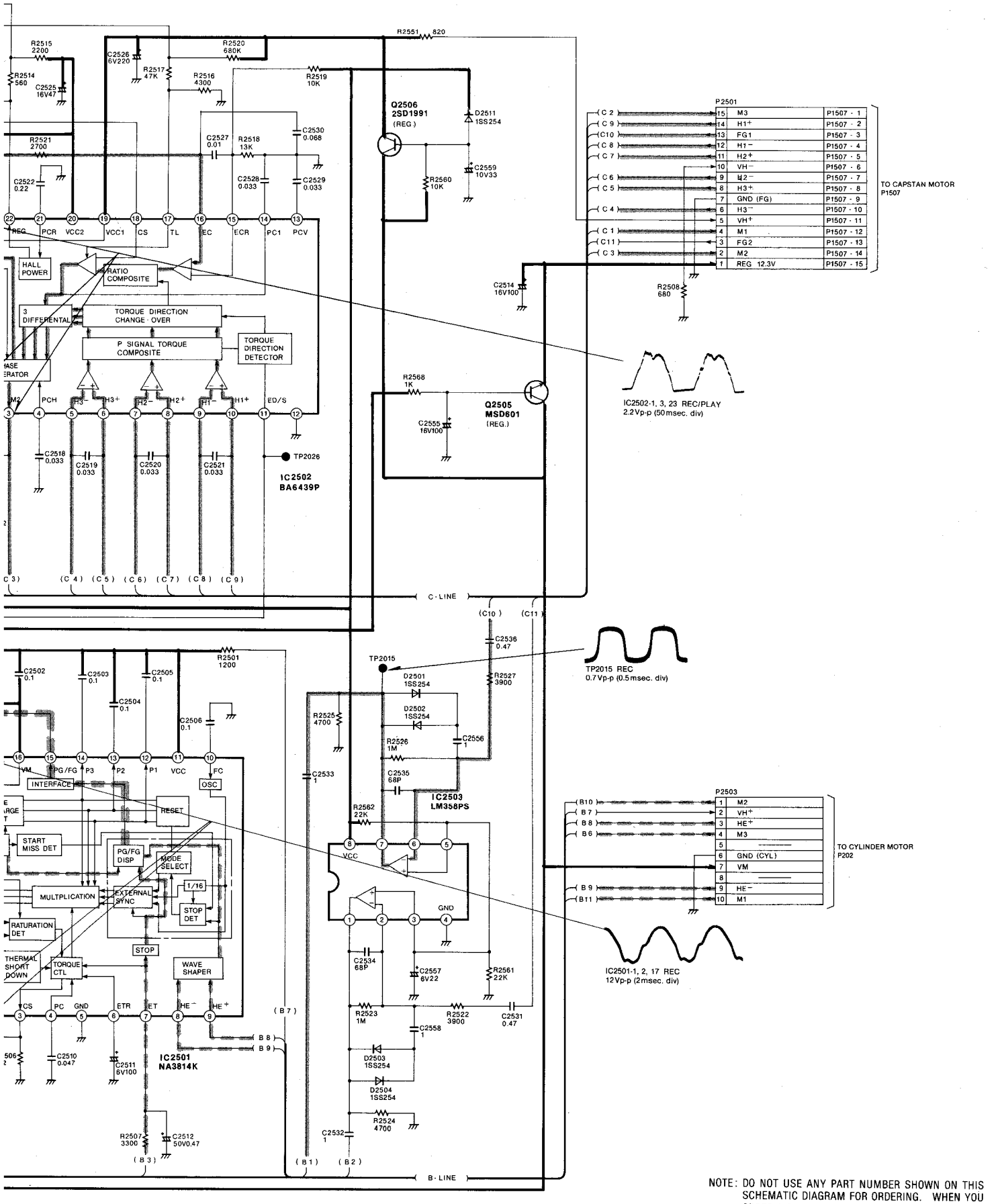
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

CAPSTAN SERVO SPEED LOOP — — — CYLINDER SERVO SPEED LOOP



5 | 6 | 7 | 8 | 9 | 10

LOOP — — — CYLINDER SERVO PHASE LOOP



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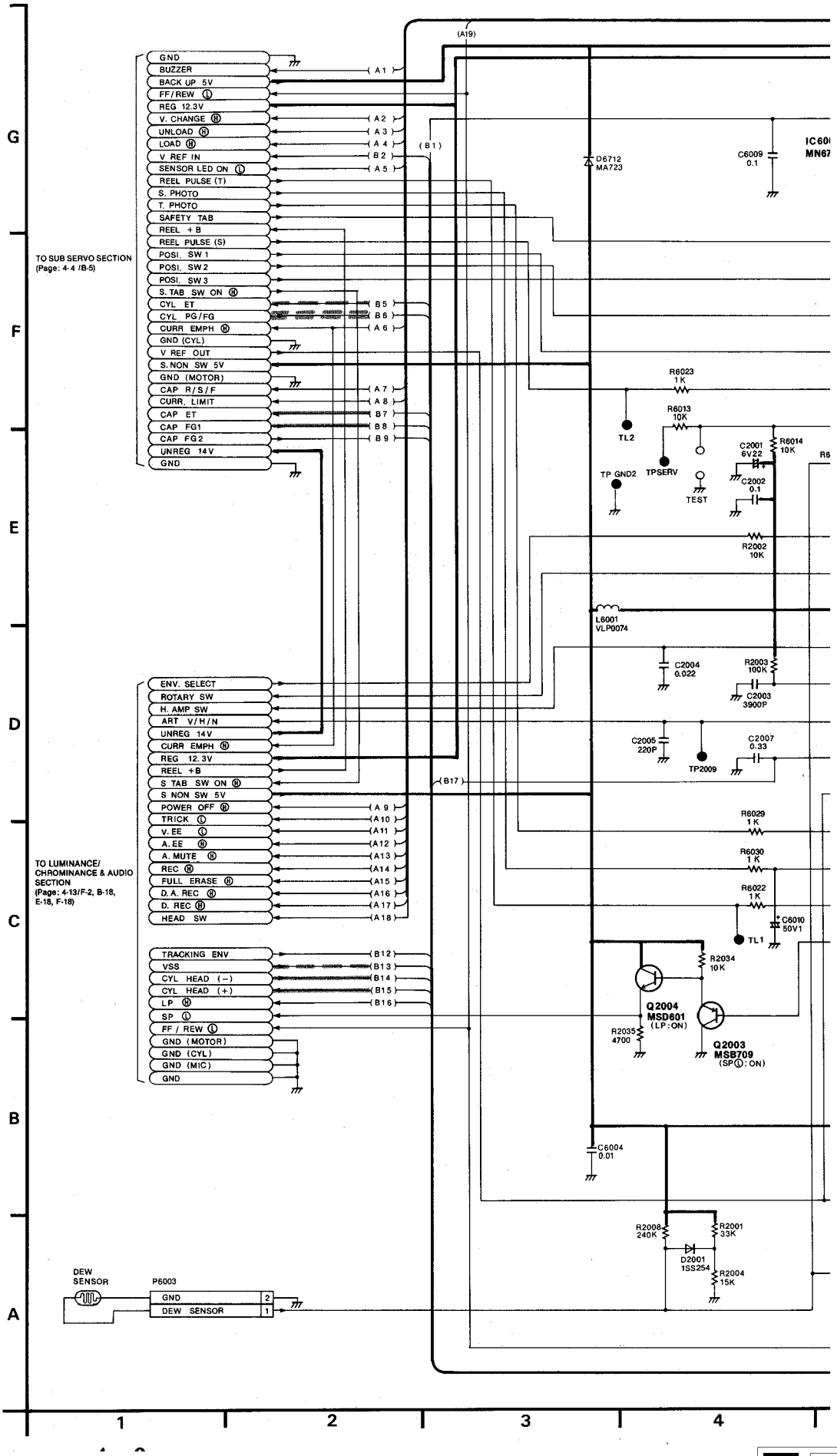
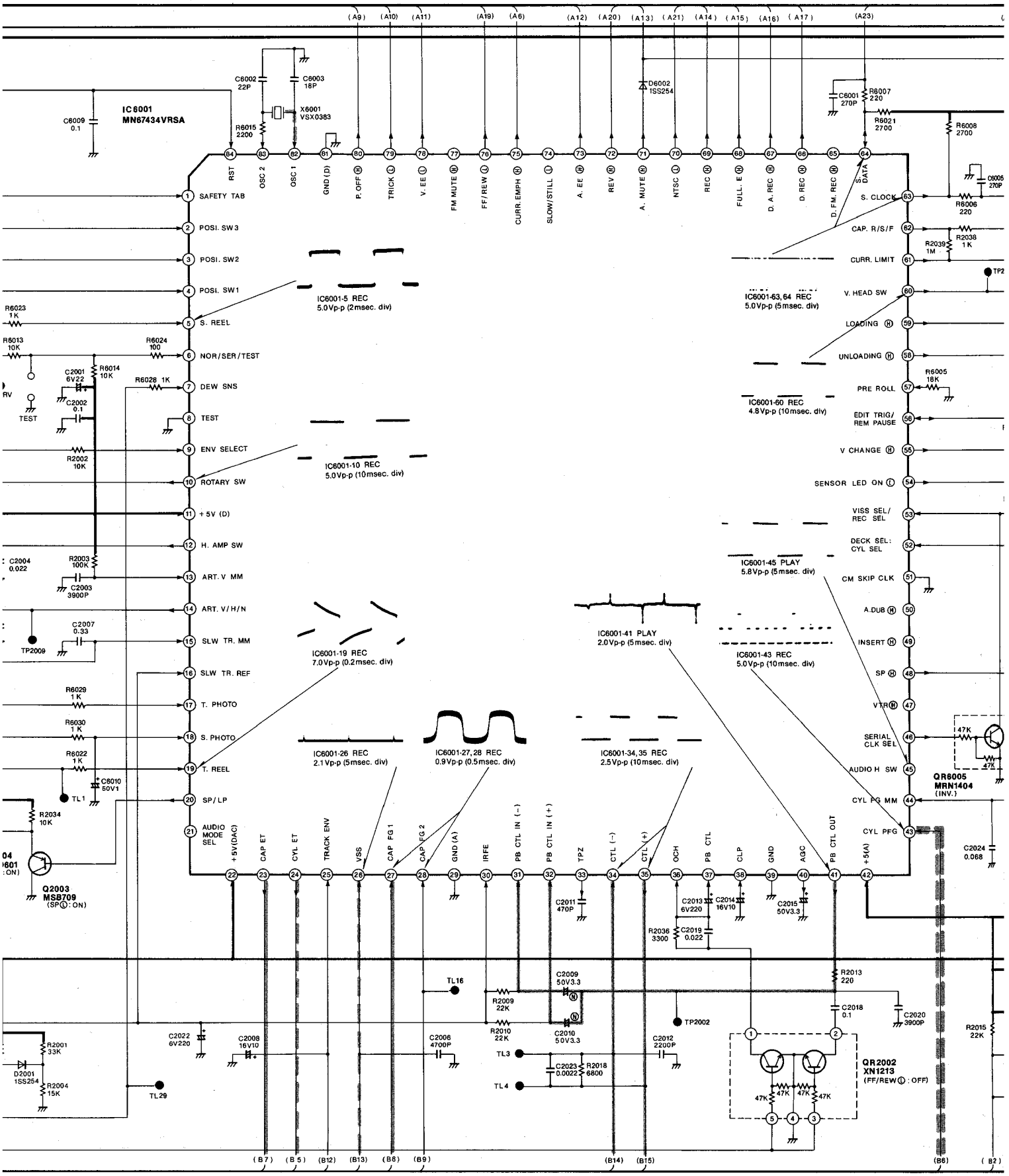
11 12 13 14 15 16

4-3. SYSTEM CONTROL & SERVO SECTION IN MAIN S

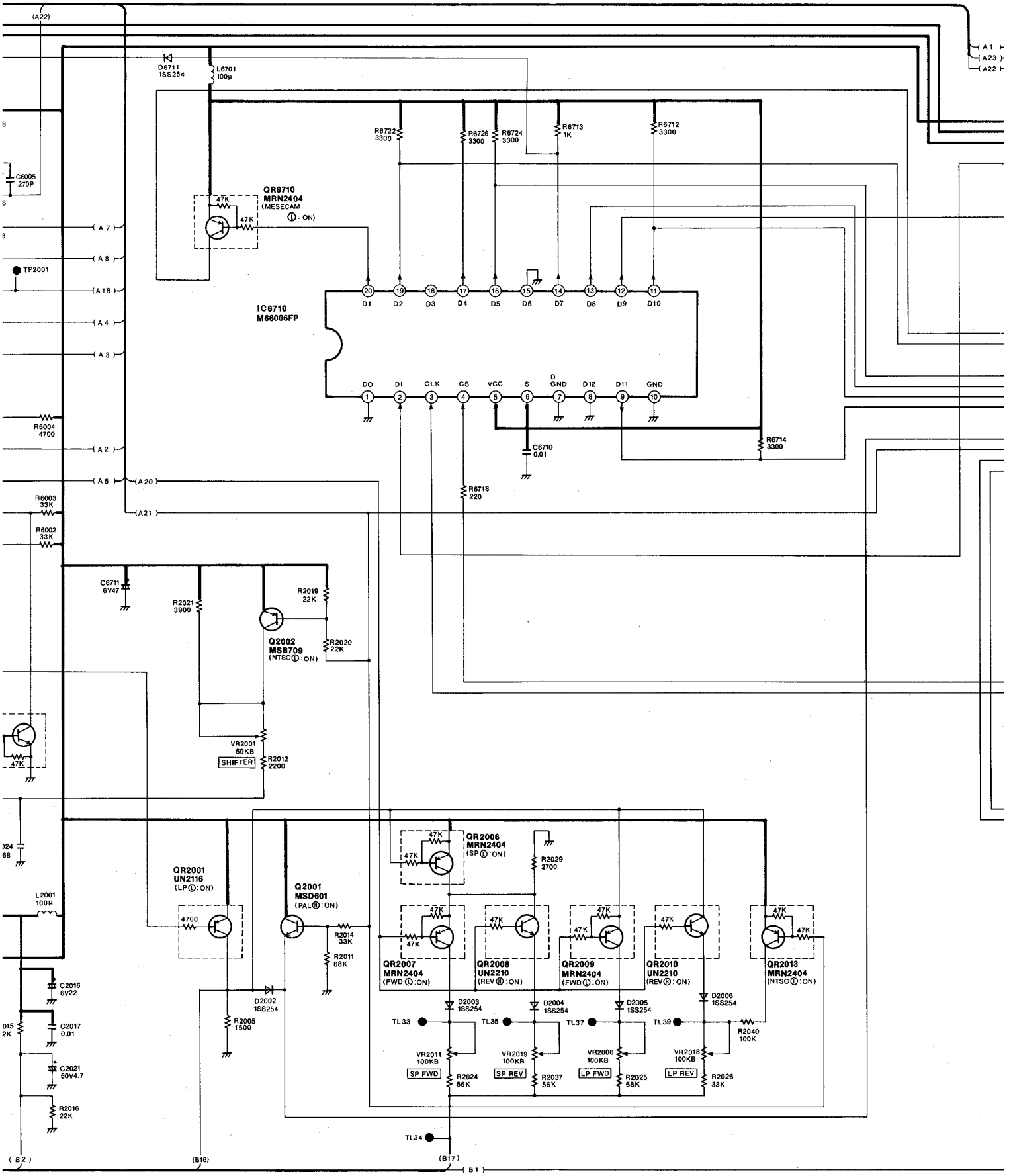


IN MAIN SCHEMATIC DIAGRAM

CAPSTAN SERVO SPEED LOOP

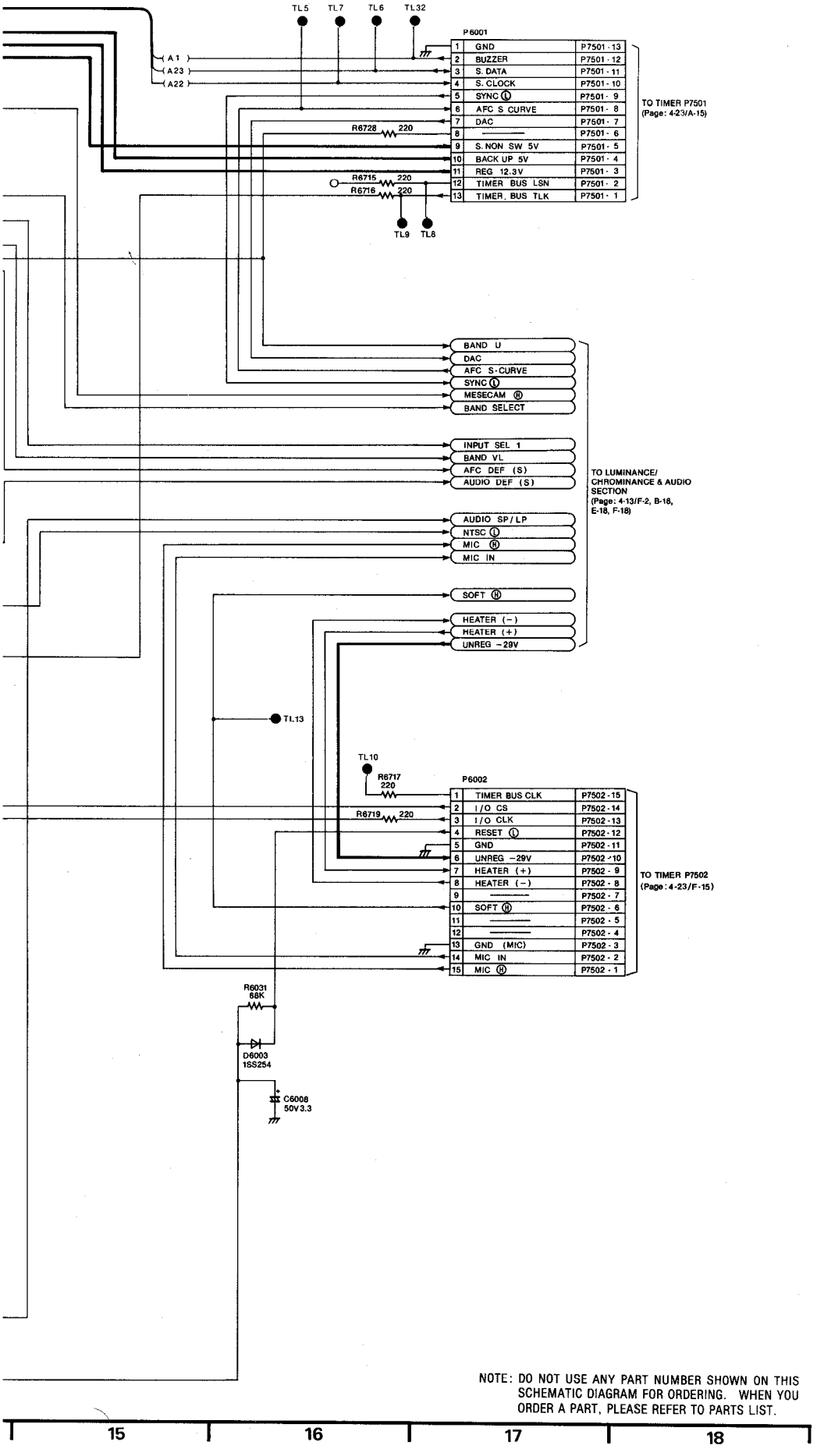


CAPSTAN SERVO PHASE LOOP — — — CYLINDER SERVO SPEED LOOP



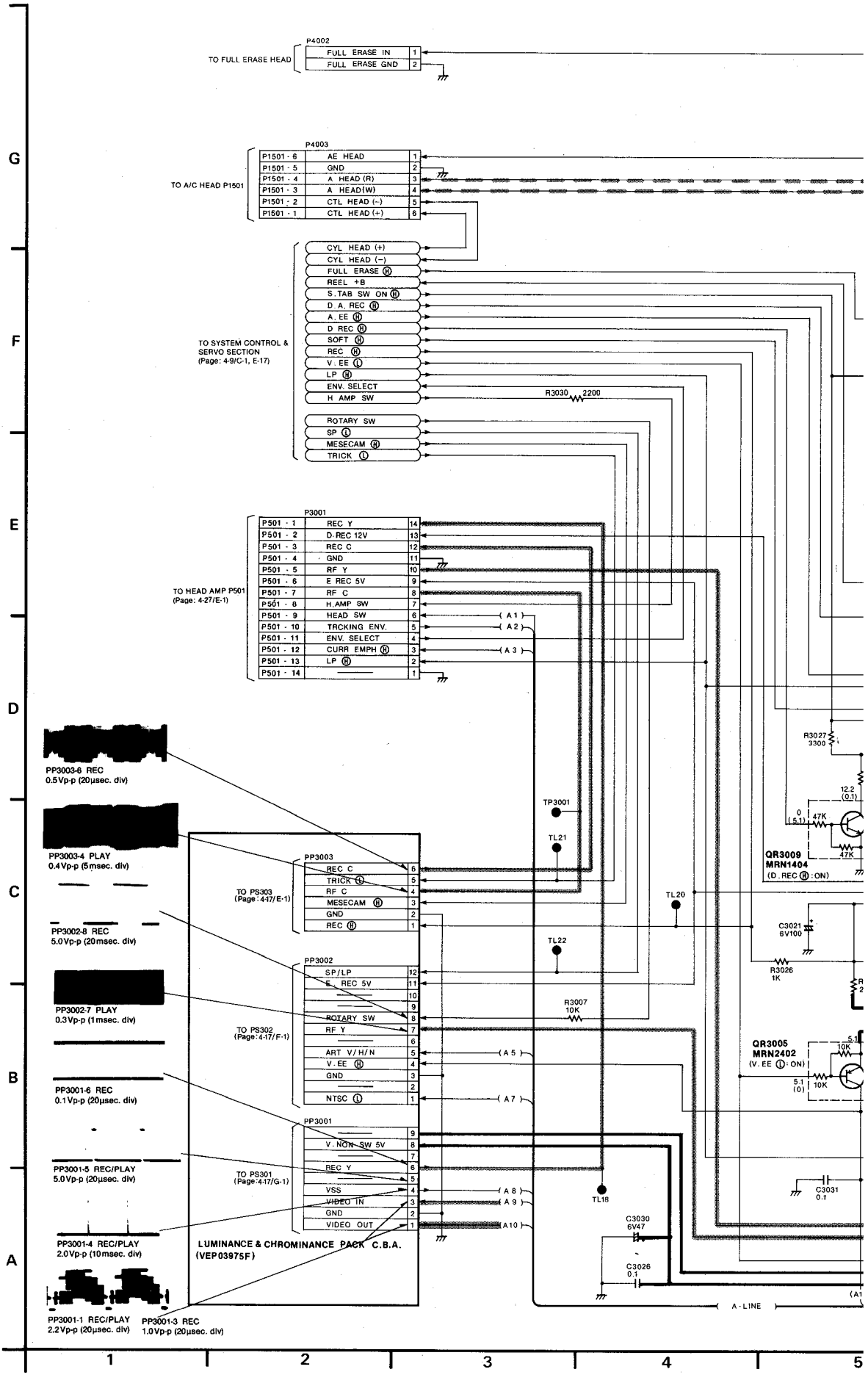
10 | 11 | 12 | 13 | 14 | 15

LOOP ---- CYLINDER SERVO PHASE LOOP



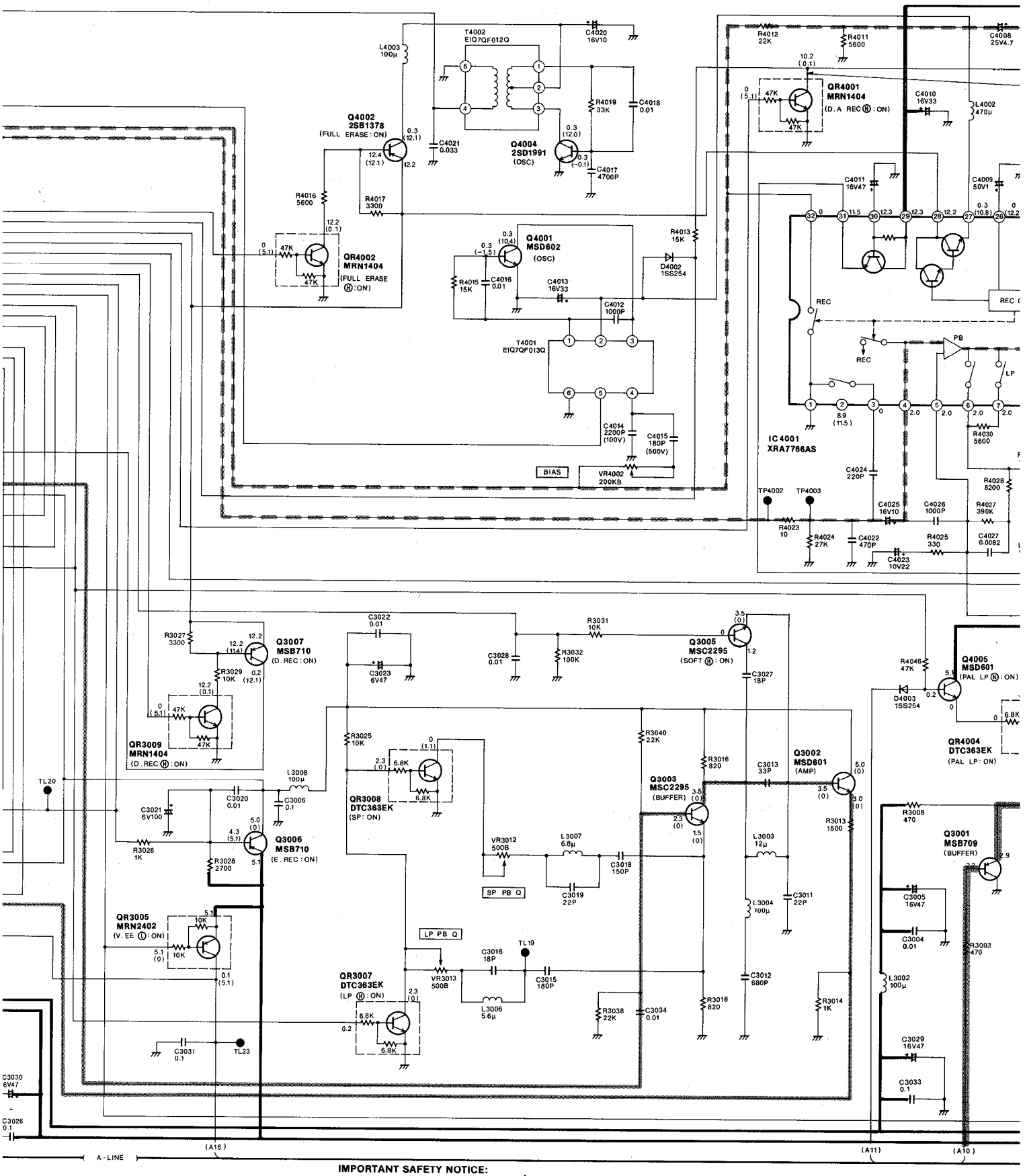
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-4. LUMINANCE/CHROMINANCE & AUDIO SECTION IN M



O SECTION IN MAIN SCHEMATIC DIAGRAM

VIDEO
VIDEO



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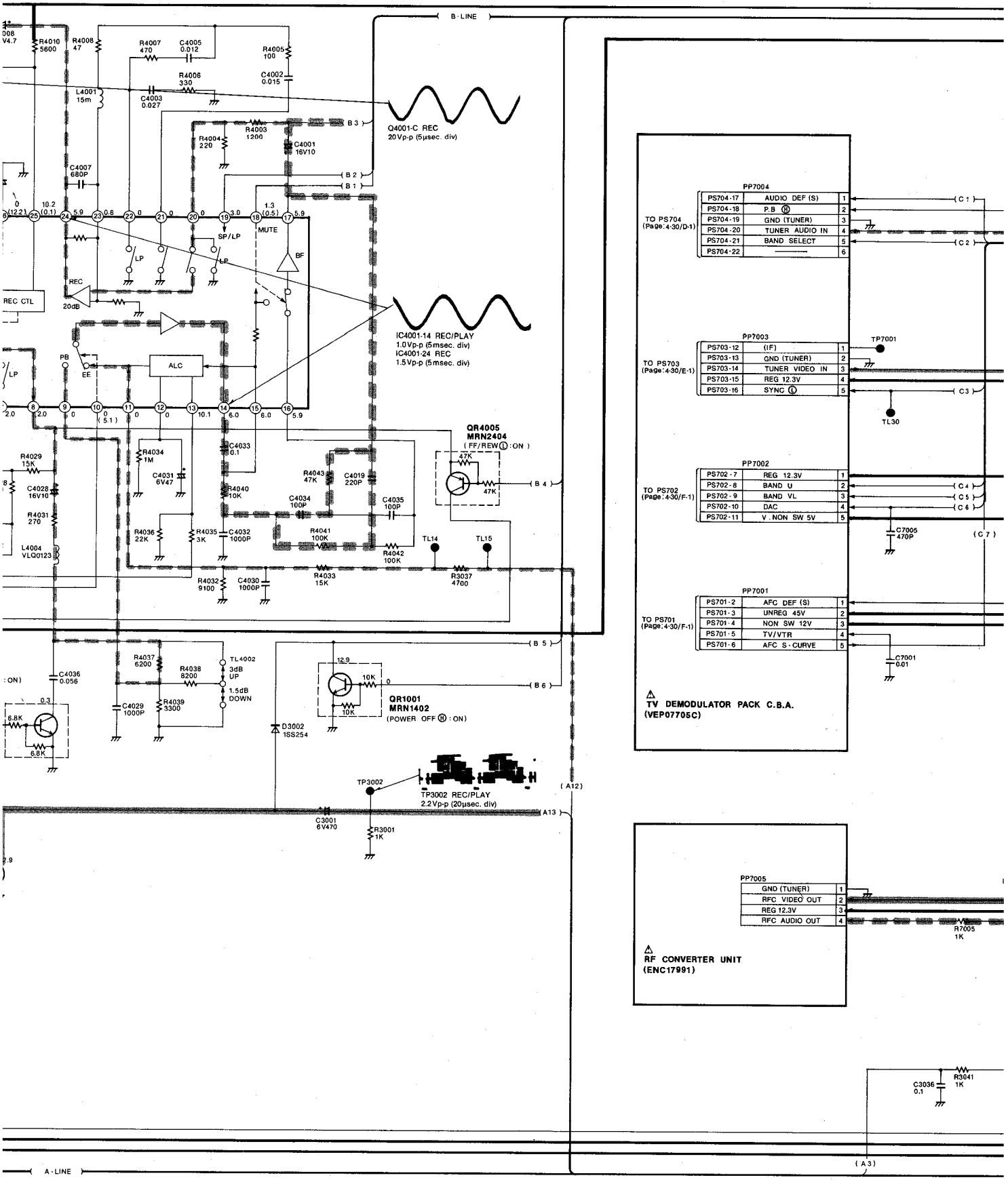
NOTE: THE MEASUREMENT MO
WITH PAL COLOUR SIGN

4 5 6 7 8 9

) MAIN SIGNAL PATH IN REC MODE — — — AUDIO MAIN SIGNAL PATH IN RE(

) MAIN SIGNAL PATH IN PLAYBACK MODE — — — AUDIO MAIN SIGNAL PATH IN PL/



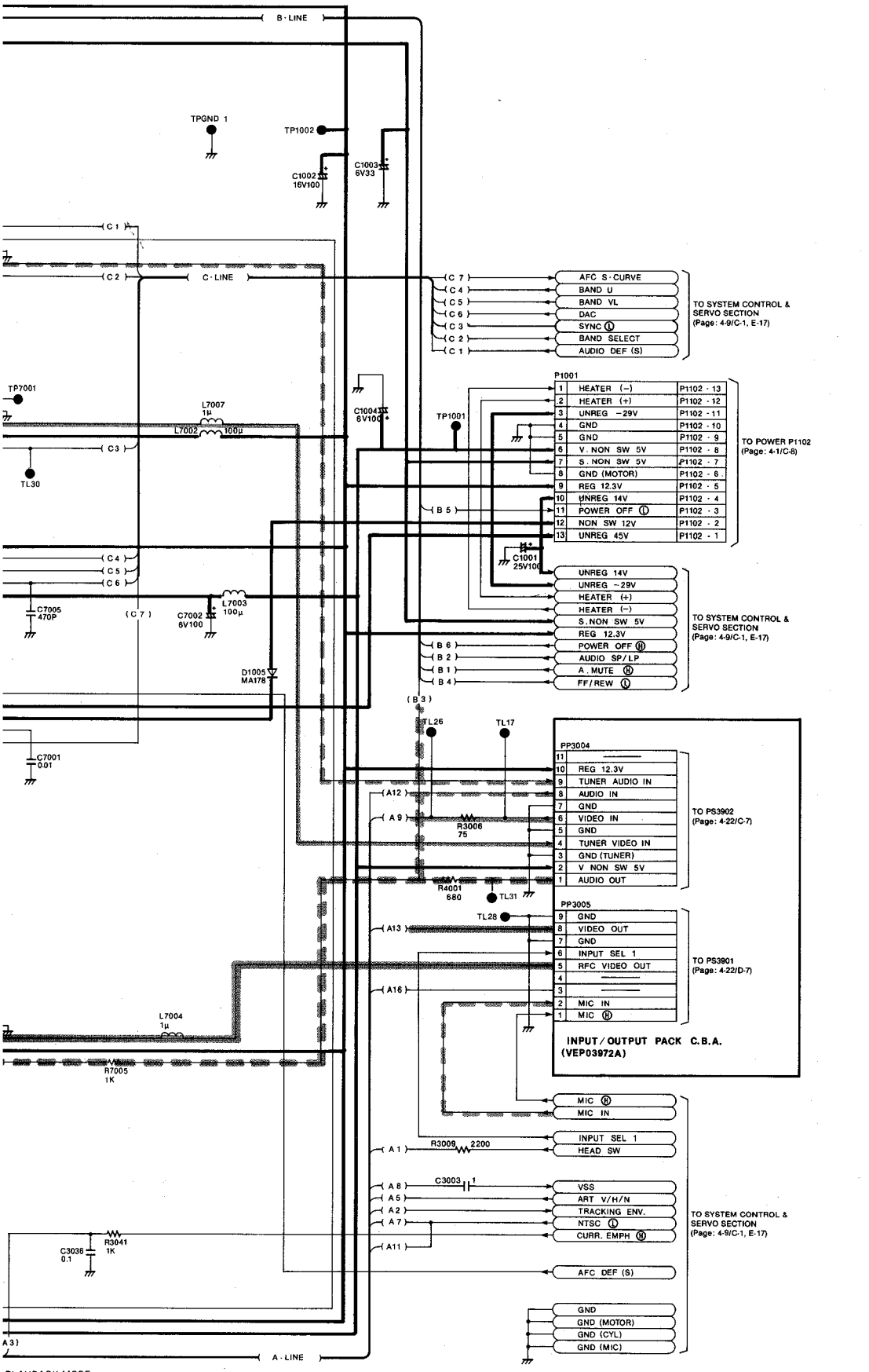
[MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE
SIGNAL. (SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE
WITH PAL COLOUR SIGNAL. (SP MODE)

• LINE

10 | 11 | 12 | 13 | 14 | 15

PATH IN REC MODE
PATH IN PLAYBACK MODE

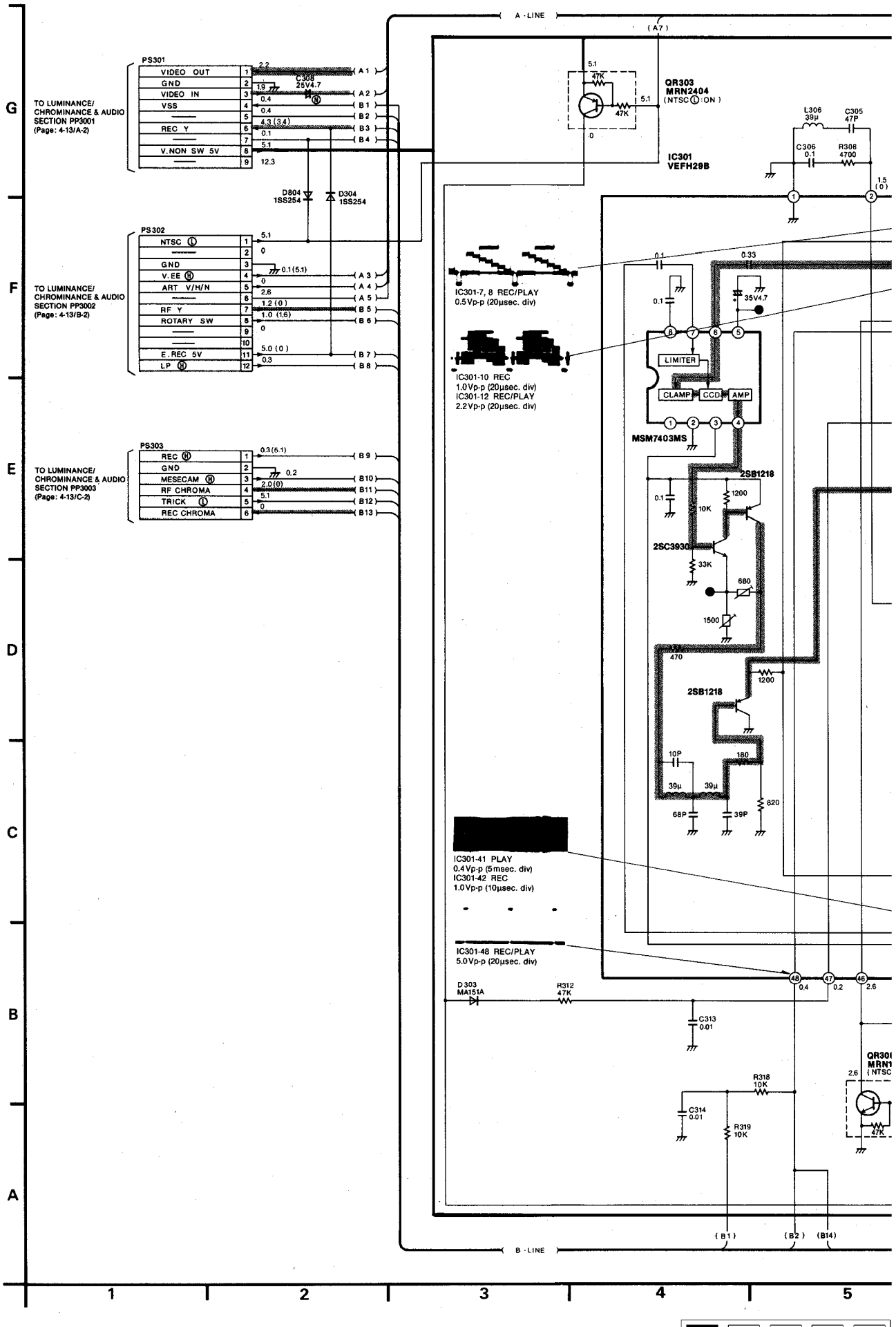


PLAYBACK MODE

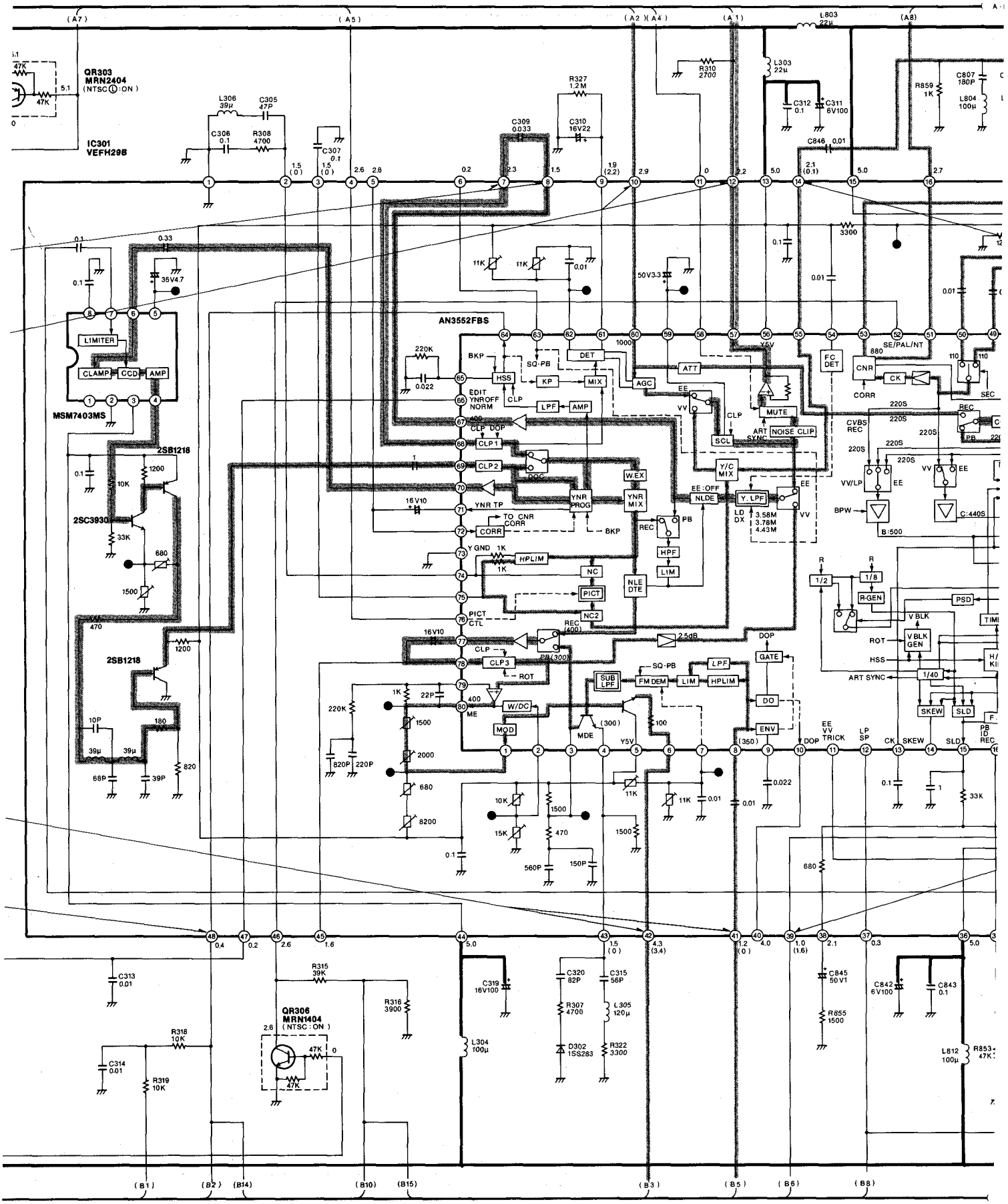
• LINE IN SIGNAL LEVEL... -10dB 1kHz

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

4-5. LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRA

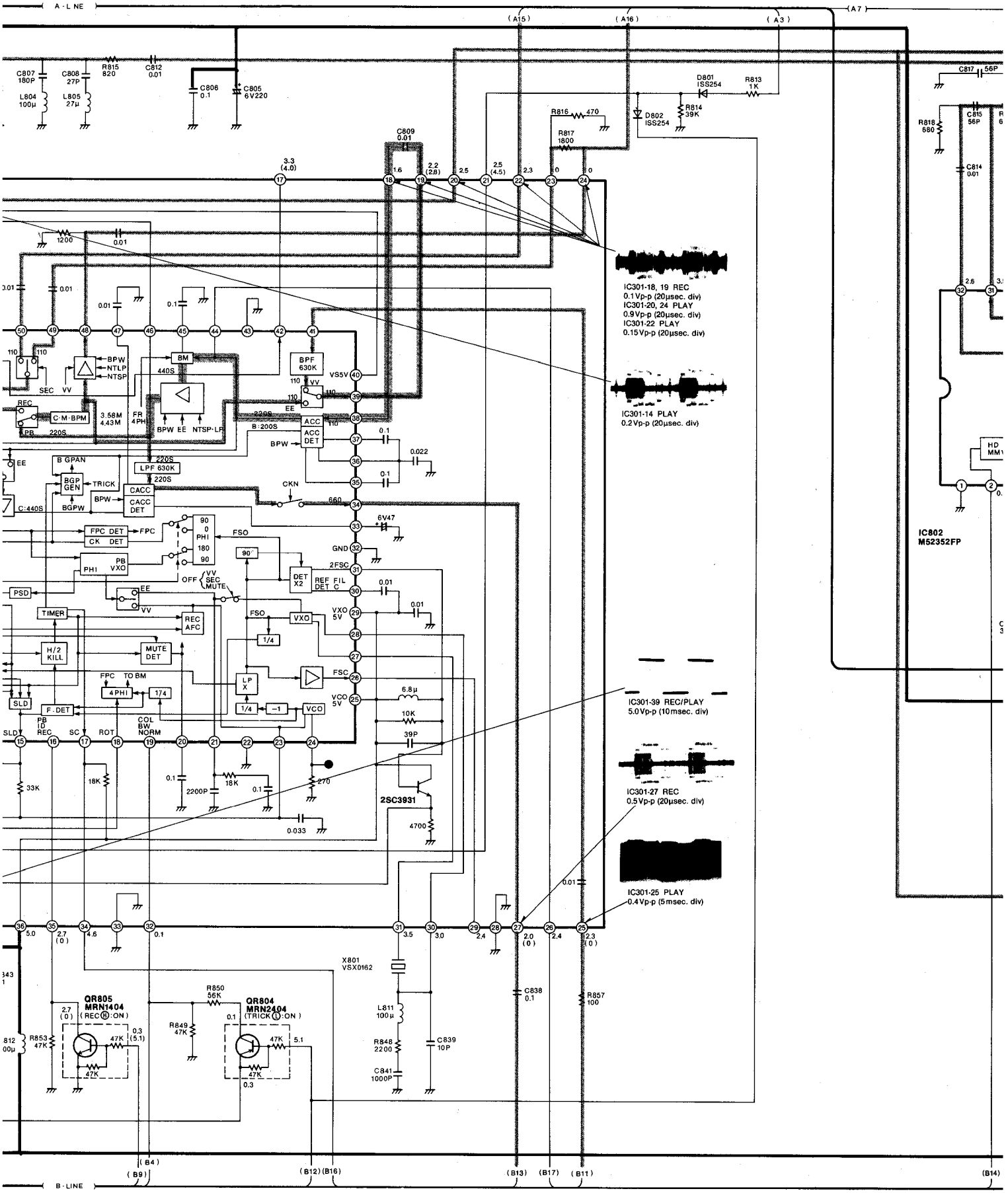


SCHEMATIC DIAGRAM

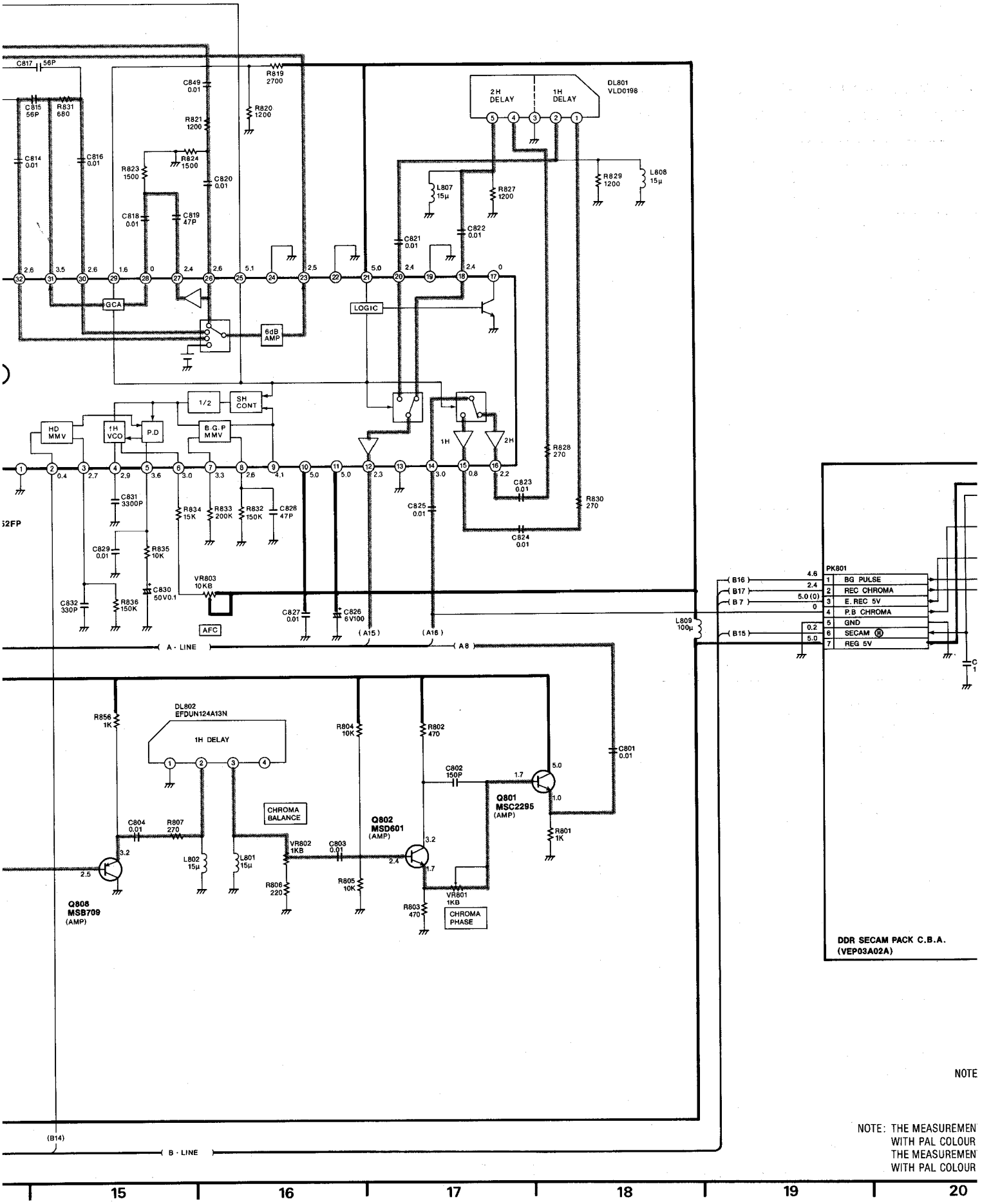


MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PL

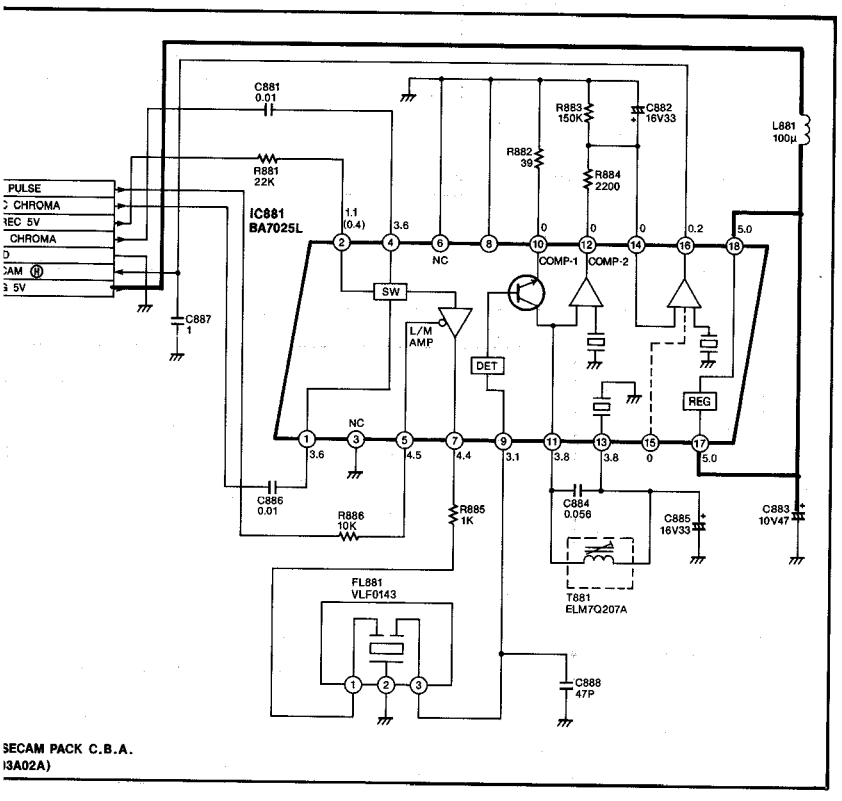


IN PLAYBACK MODE



NOTE

NOTE: THE MEASUREMEN
WITH PAL COLOUR
THE MEASUREMEN
WITH PAL COLOUR

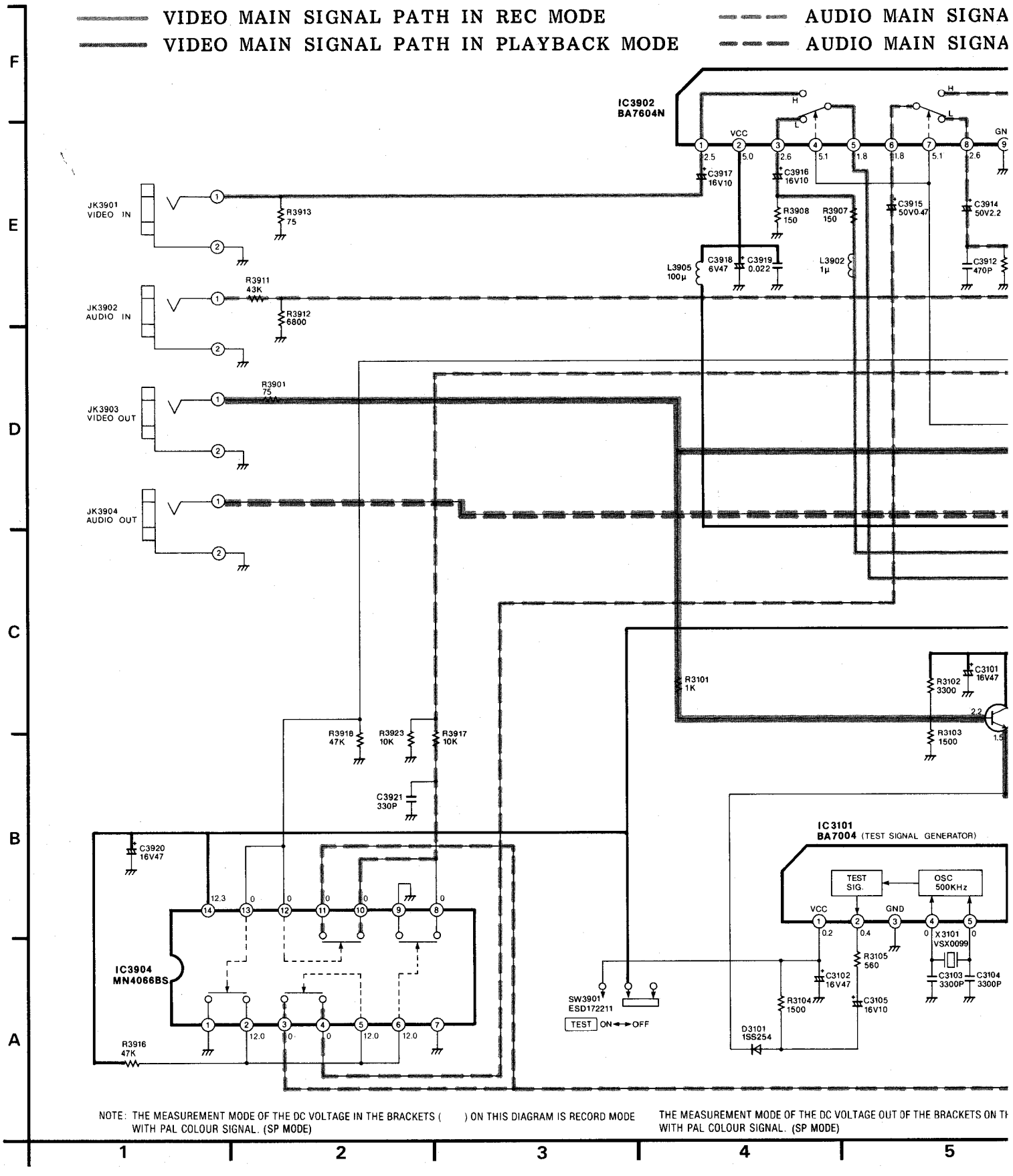


SECAM PACK C.B.A.
3A02A)

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

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

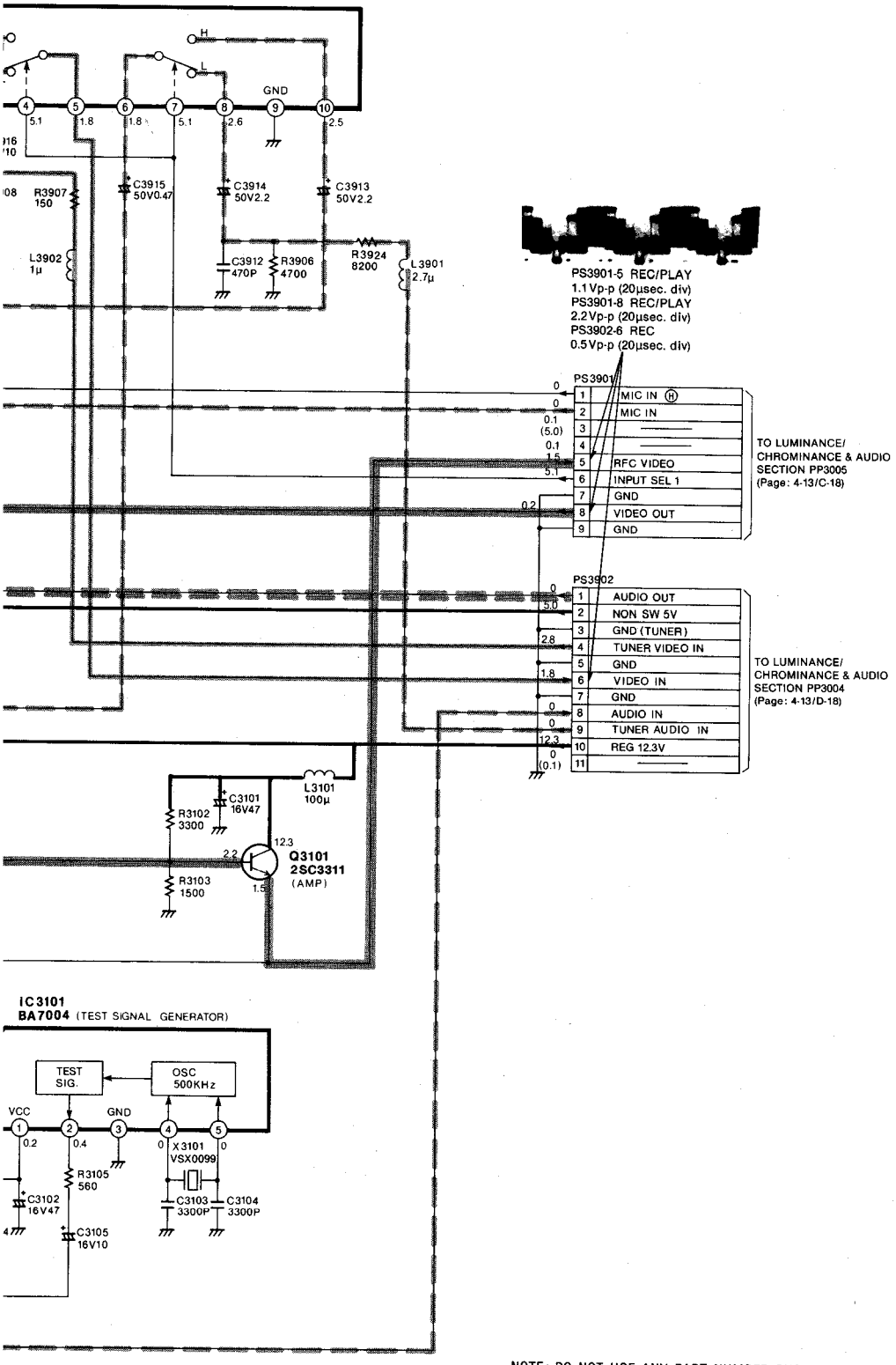
4-6. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM



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

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON TH WITH PAL COLOUR SIGNAL. (SP MODE)

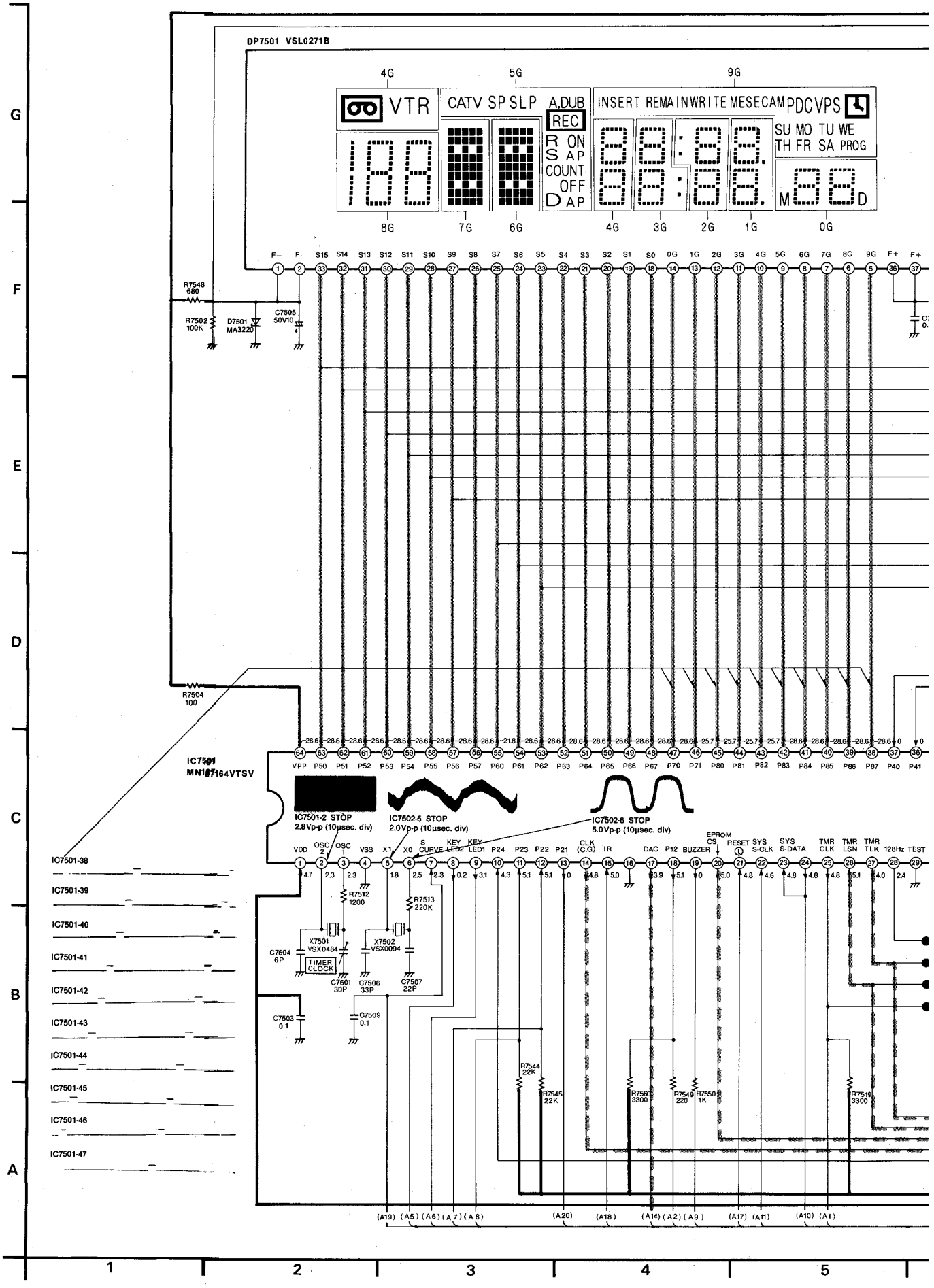
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



(E DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE MODE)

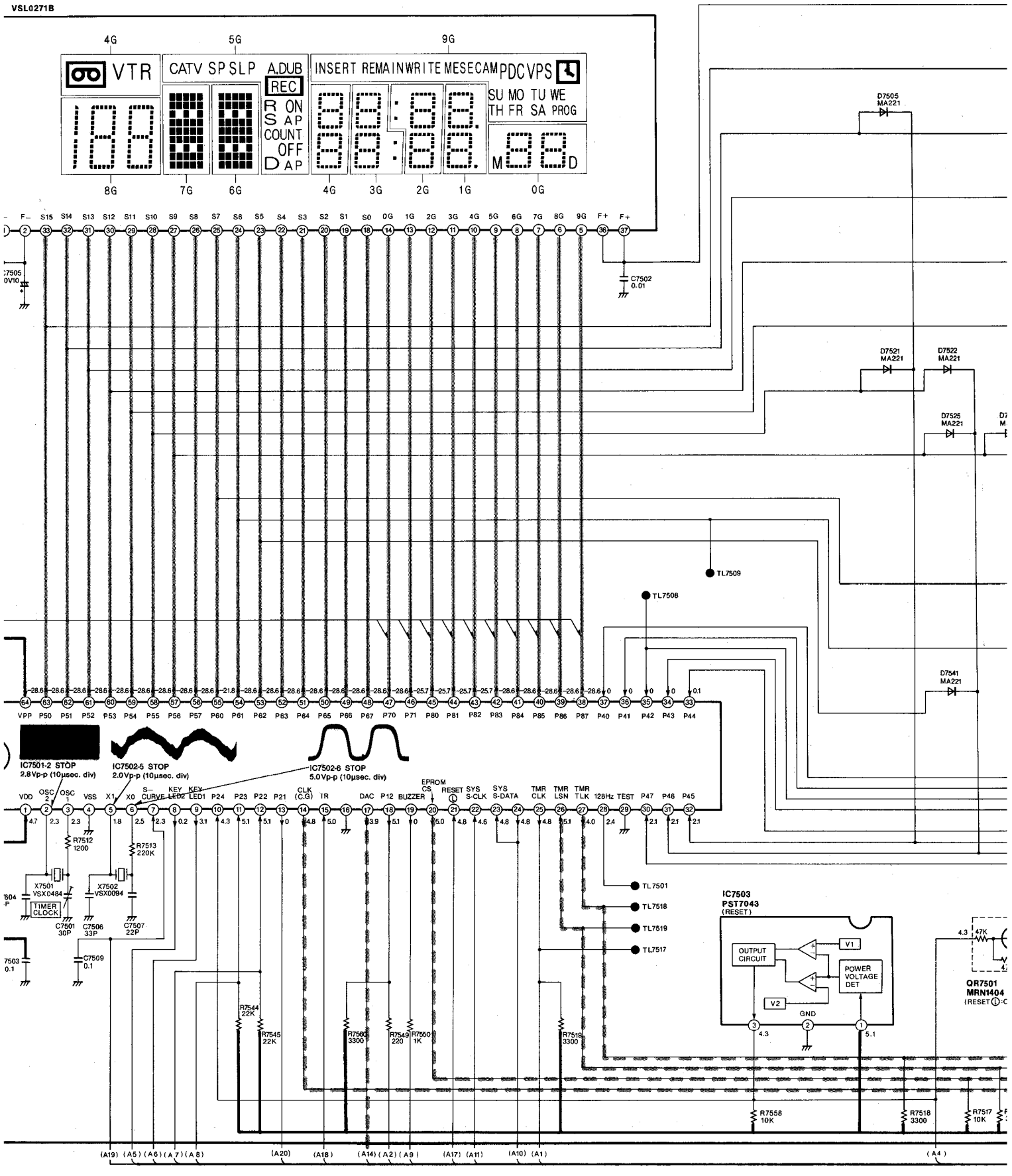
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-7. TIMER & OPERATION SCHEMATIC DIAGRAM



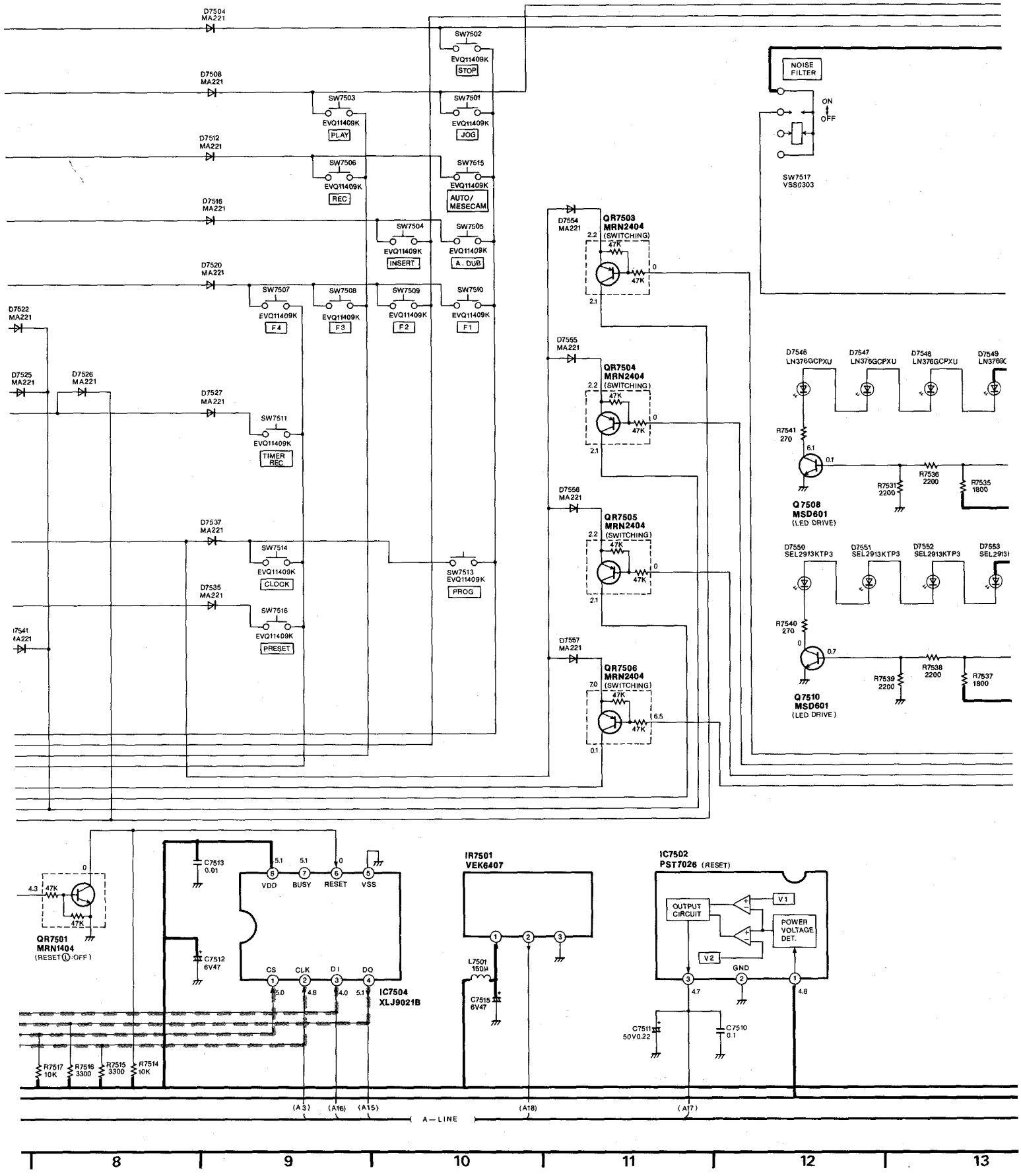
TION SCHEMATIC DIAGRAM

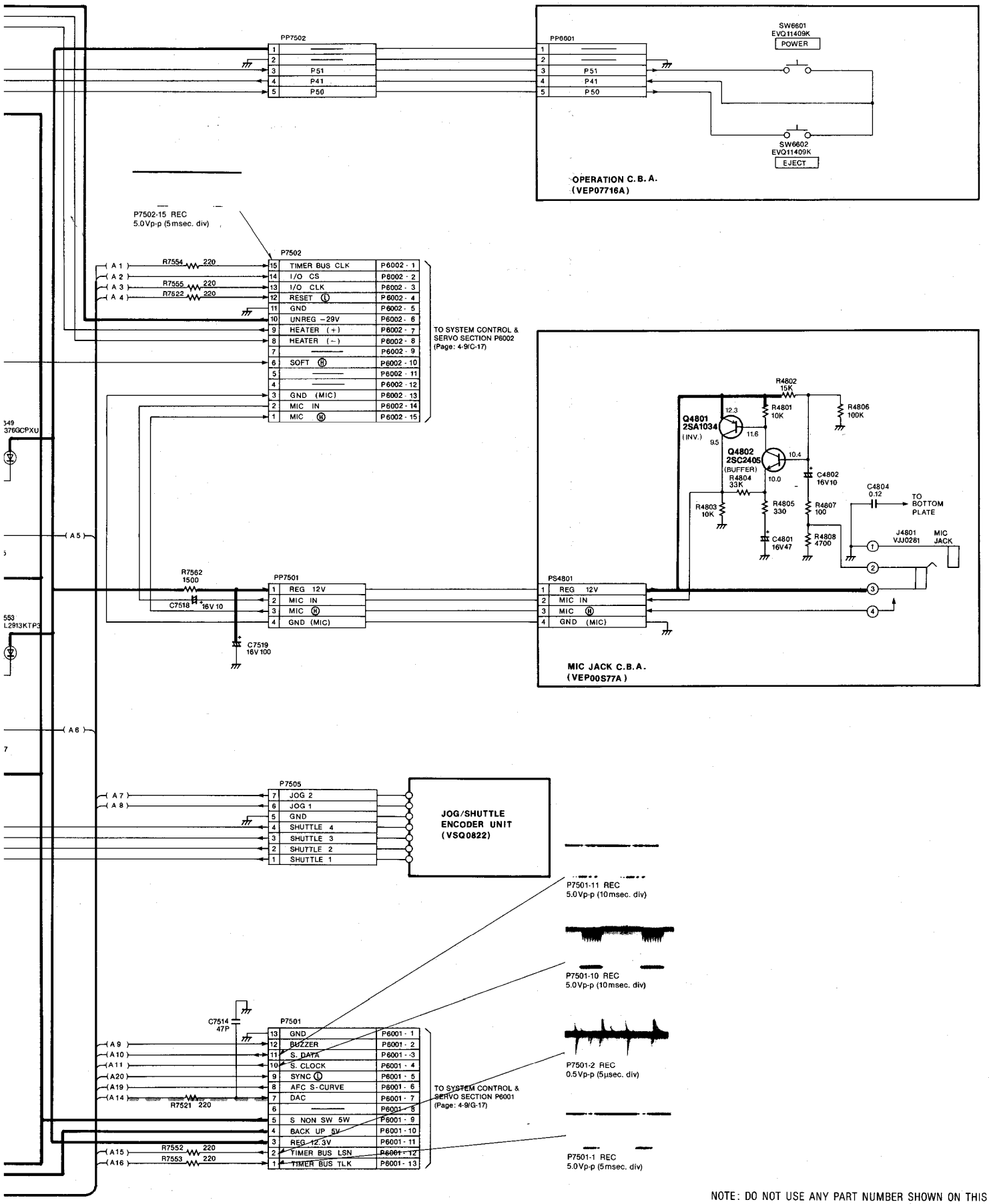
SEGMEI



2 | 3 | 4 | 5 | 6 | 7

SEGMENT CONTROL SIGNAL ——— GRID CONTROL SIGNAL - - - - TUNE CONTRC

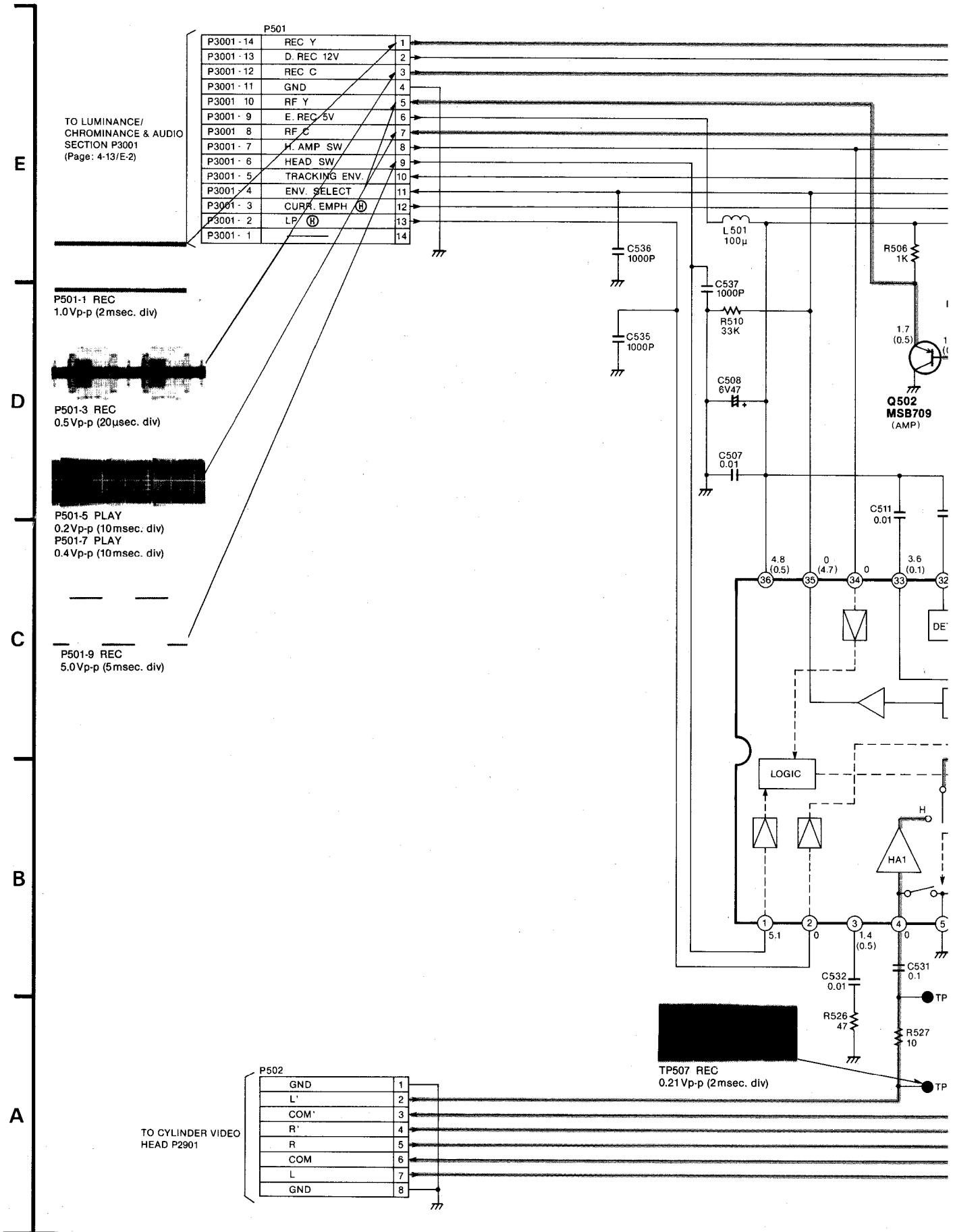




NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

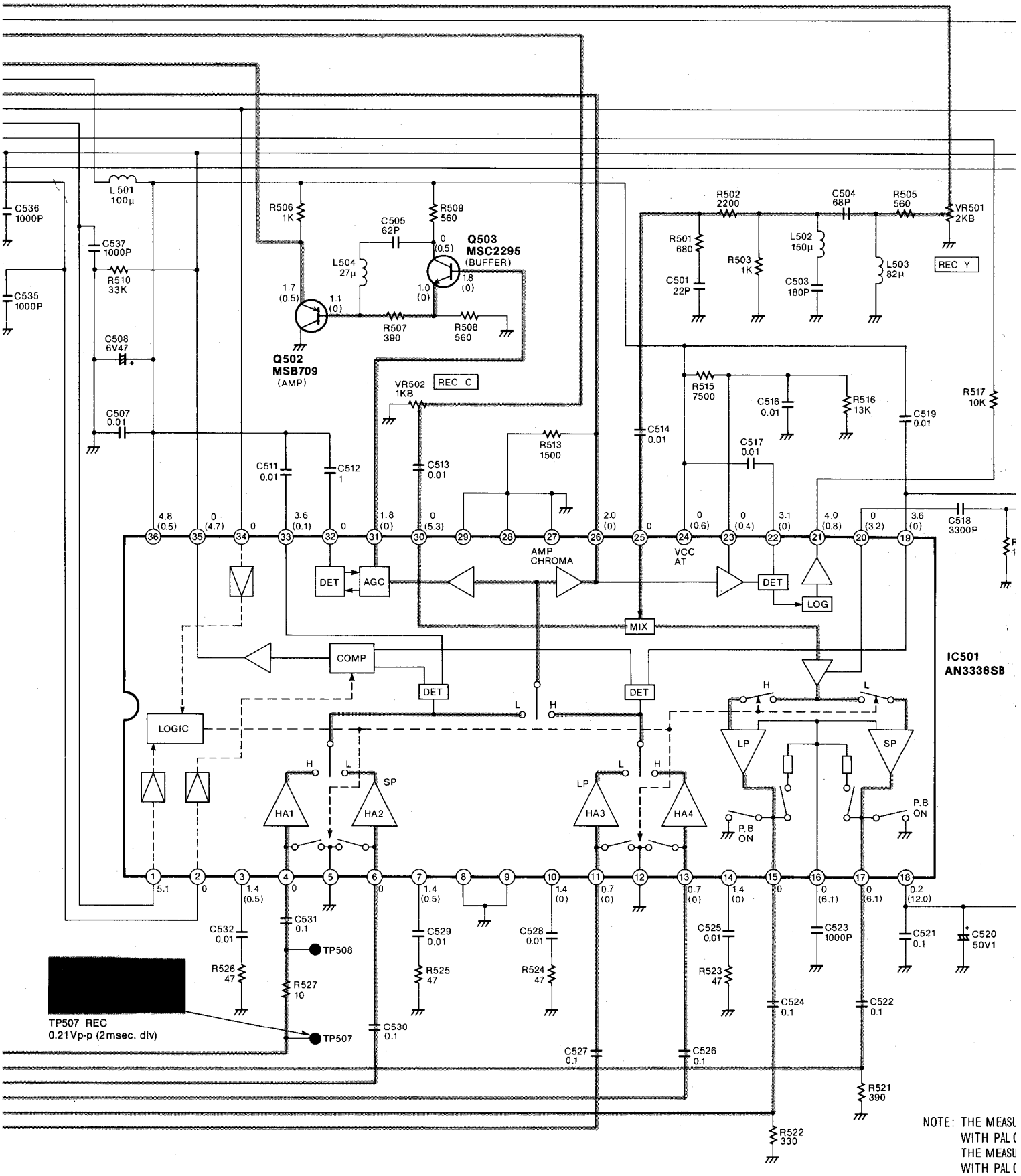
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

4-8. HEAD AMP SCHEMATIC DIAGRAM



VIDEO MAIN SIGNAL PATH IN REC MODE

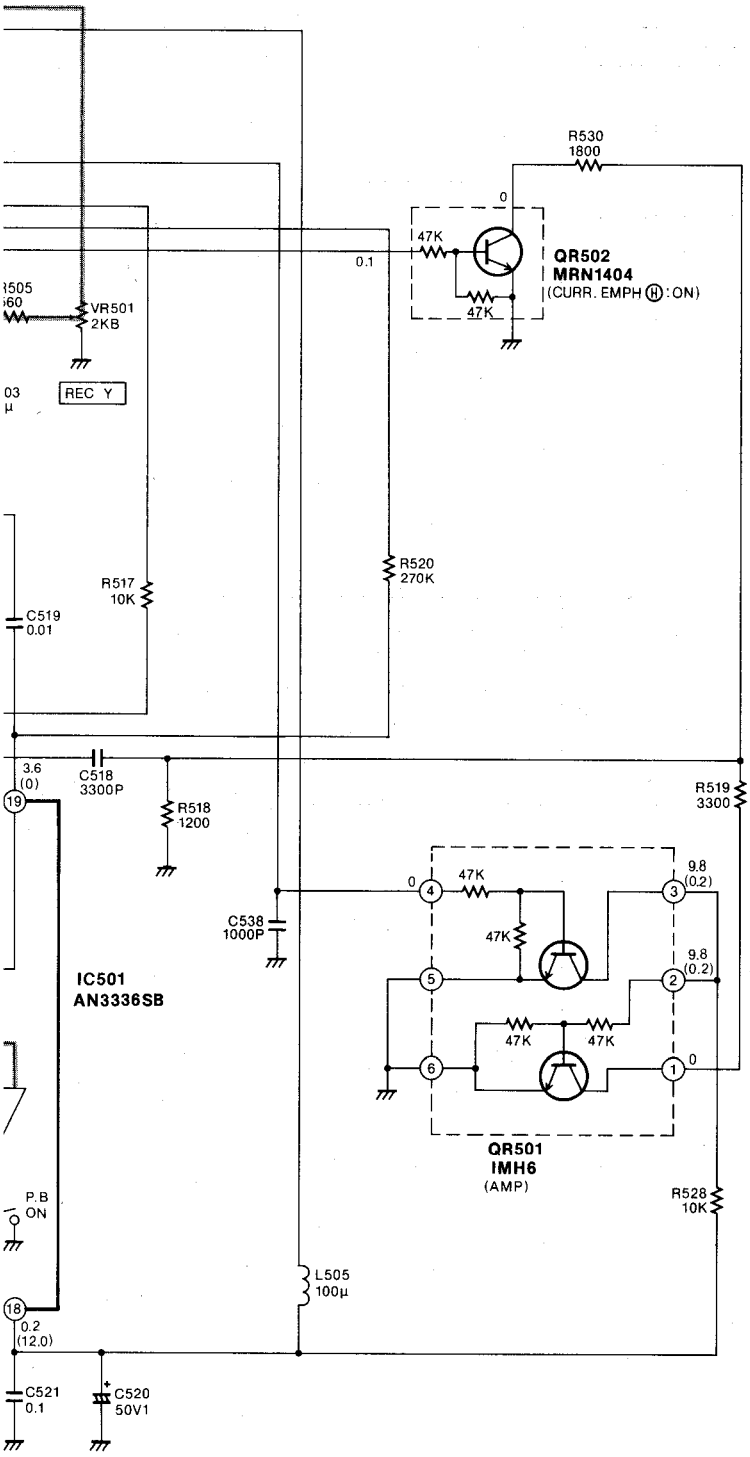
VIDEO MAIN SIGNAL PATH IN PLAYBACK



NOTE: THE MEASU
WITH PAL (
THE MEASU
WITH PAL (

REC MODE

PLAYBACK MODE



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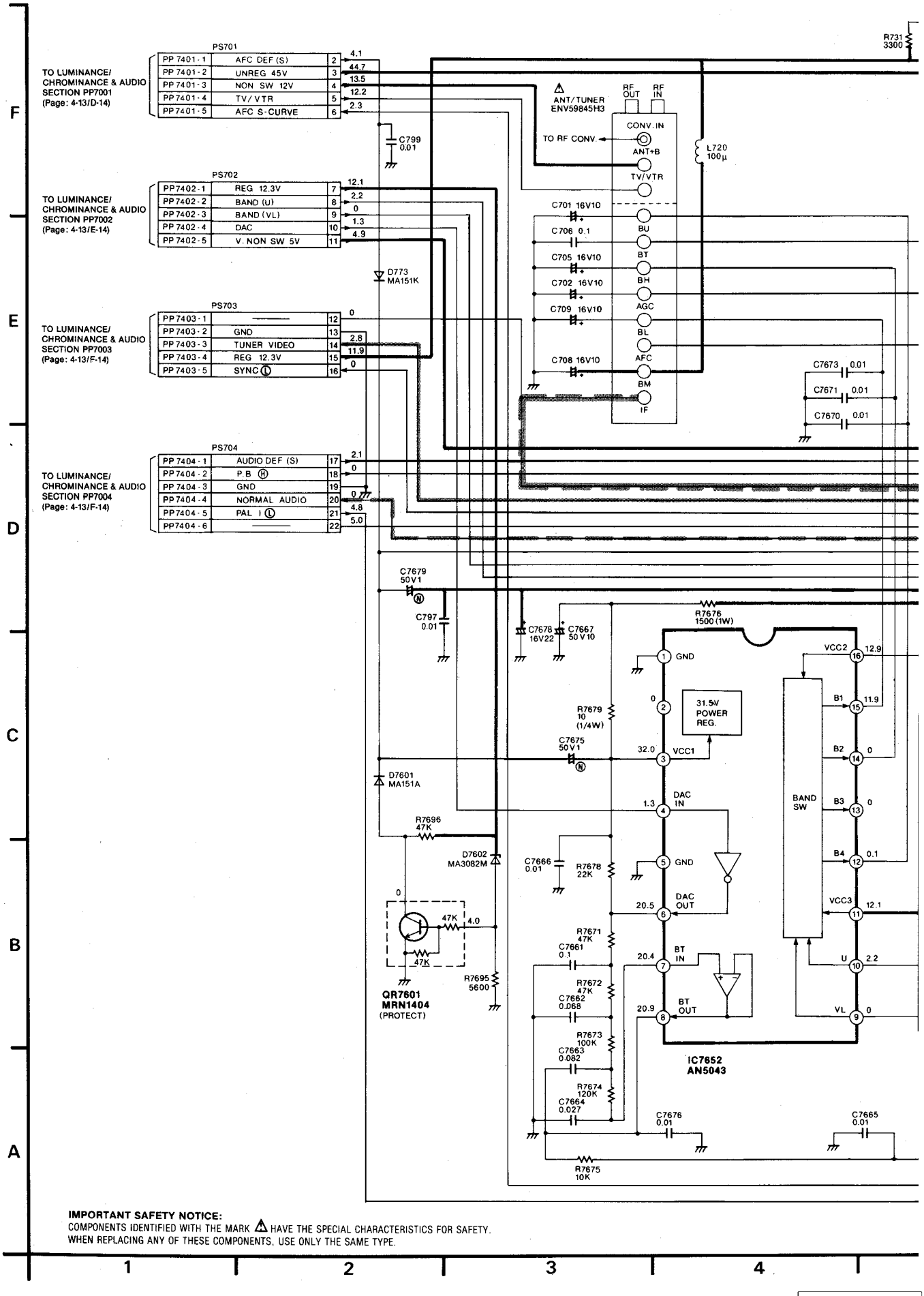
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

4-9. TV DEMODULATOR PACK SCHEMATIC DIAGRAM



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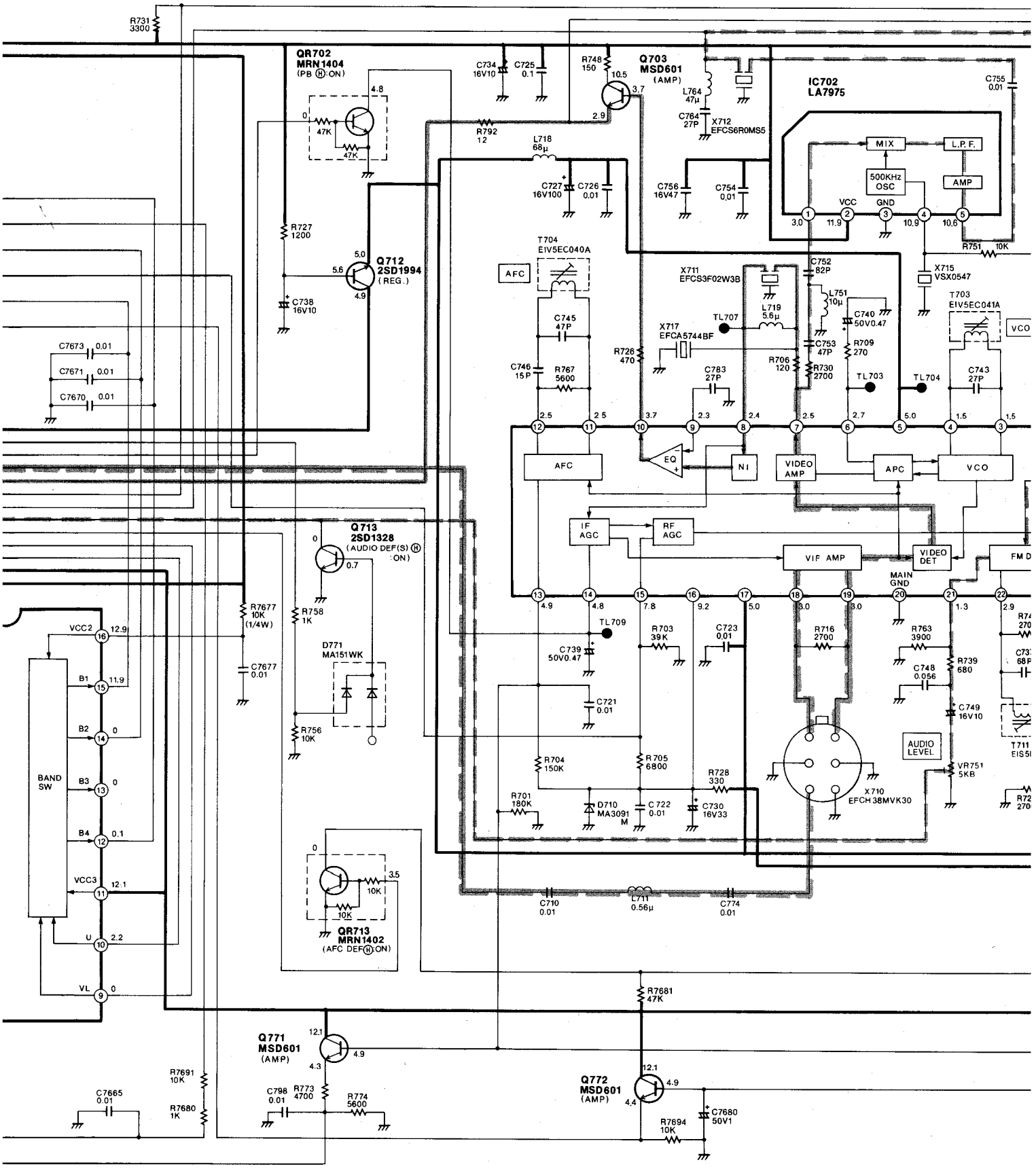
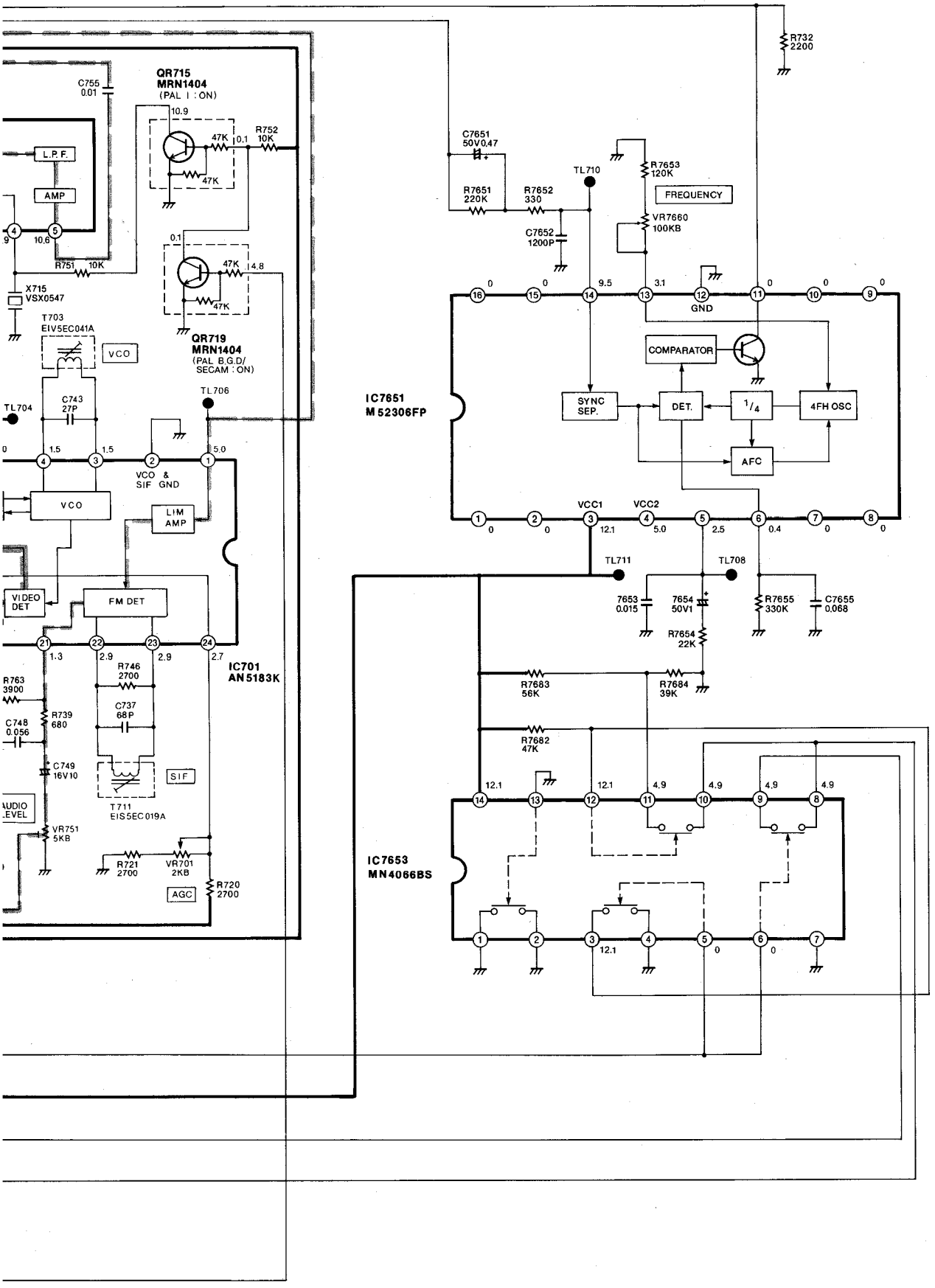


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

AUDIO SIGNAL PATH



TOP 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.