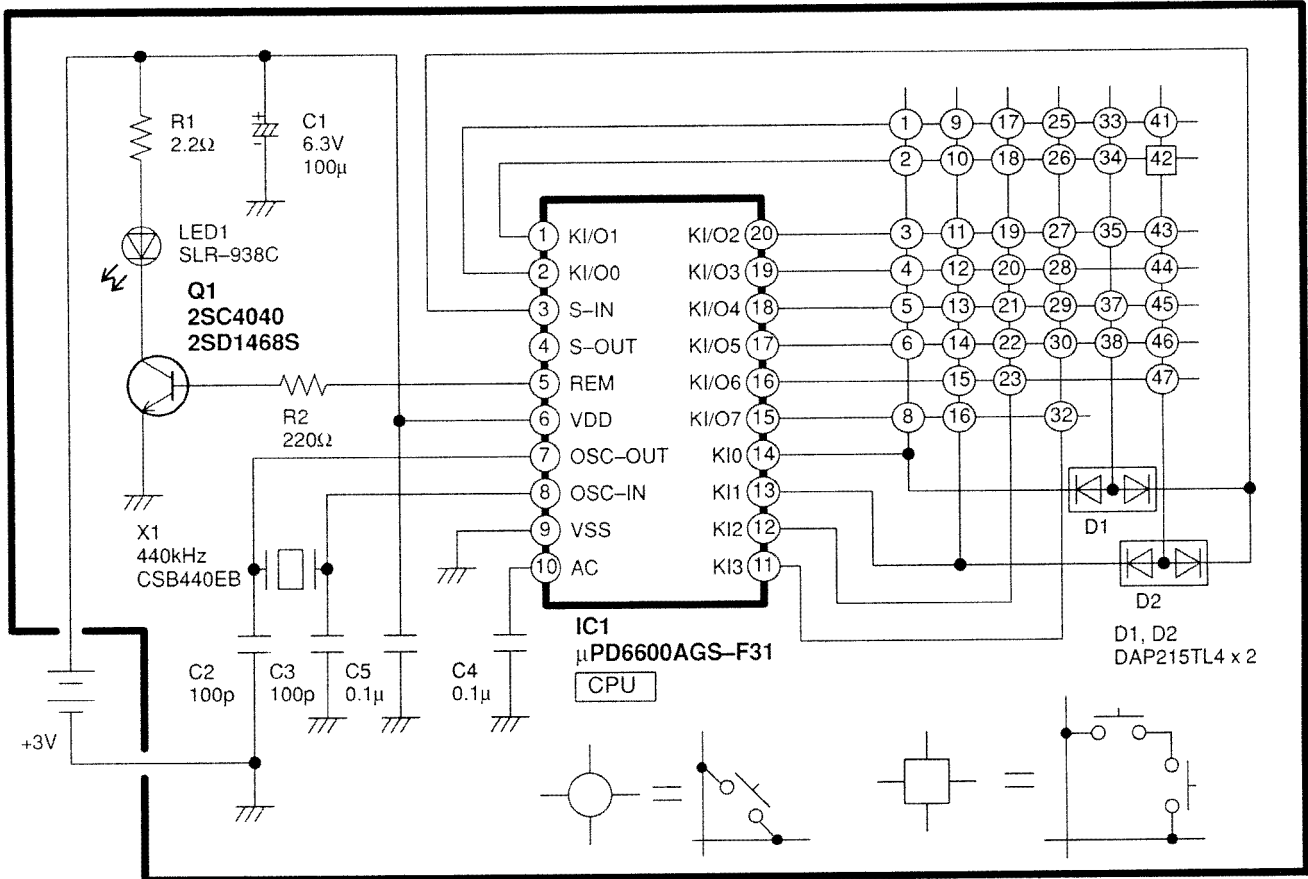


# Remote Controller TNQ10481



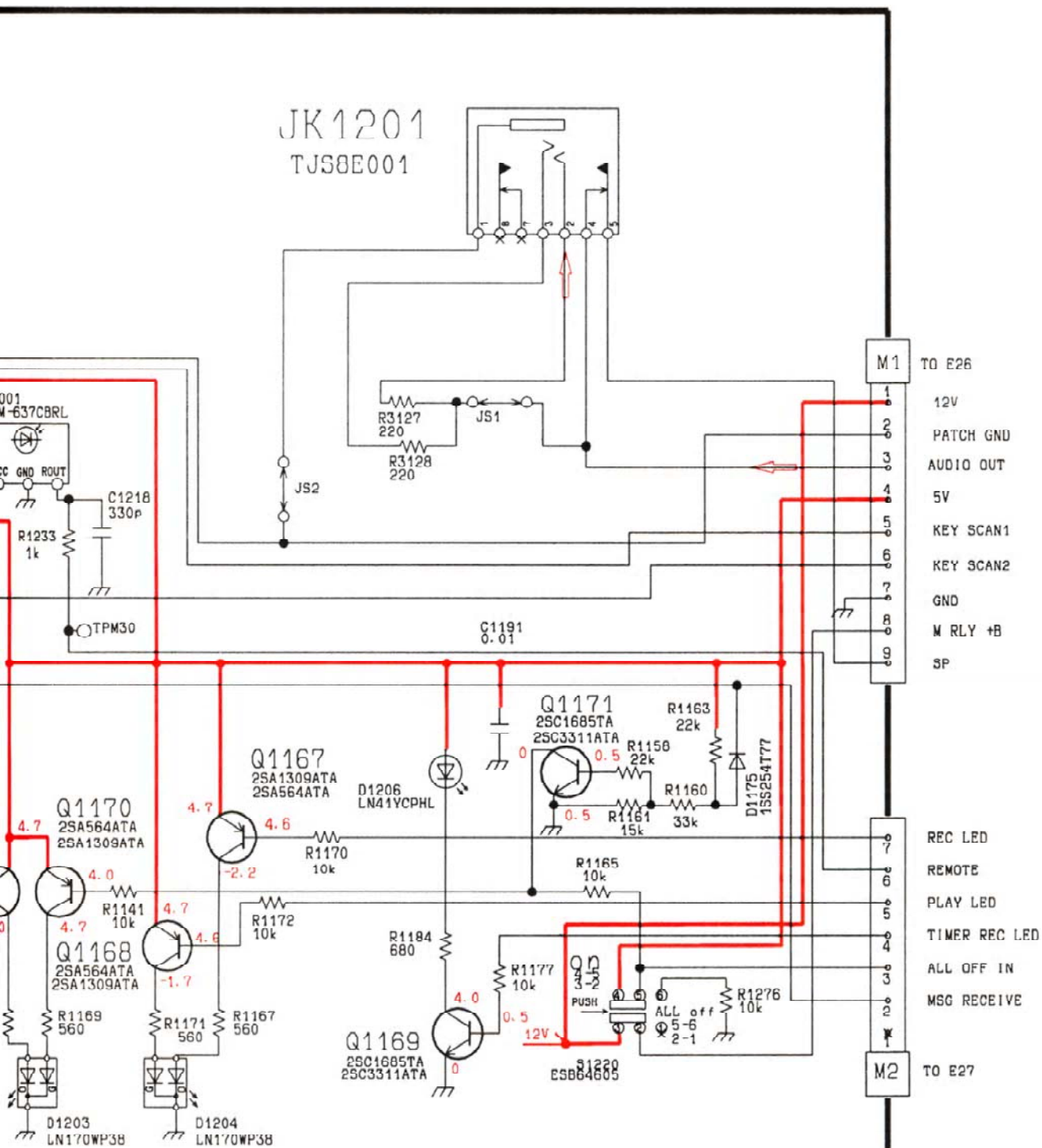
## Key Function Table

| Key No. | Function        | Key No. | Function      | Key No. | Function      |
|---------|-----------------|---------|---------------|---------|---------------|
| 1       | POWER ON / OFF  | 17      | MUTE          | 33      | TIMER REC     |
| 2       | REWIND / REVIEW | 18      | STOP          | 34      | PAUSE / STILL |
| 3       | 1               | 19      | 3             | 35      | TRACKING -    |
| 4       | 4               | 20      | 6             | 36      | ———           |
| 5       | 7               | 21      | 9             | 37      | SLOW          |
| 6       | CH SELECTION    | 22      | 2 DIGIT       | 38      | TRACKING +    |
| 7       | ———             | 23      | ▲ UPPER KEY   | 39      | ———           |
| 8       | MENU            | 24      | ———           | 40      | ———           |
| 9       | RECALL          | 25      | TV / AV       | 41      | COUNTER CALL  |
| 10      | PLAY            | 26      | FORWARD / CUE | 42      | RECORD        |
| 11      | 2               | 27      | ~             | 43      | INDEX ◀◀      |
| 12      | 5               | 28      | !             | 44      | DECISION      |
| 13      | 8               | 29      | UP VOLUME     | 45      | NORMAL        |
| 14      | 0               | 30      | DOWN VOLUME   | 46      | RESET         |
| 15      | A LEFT KEY      | 31      | ———           | 47      | INDEX ▶▶      |
| 16      | ▼ LOWER KEY     | 32      | ▶ RIGHT KEY   |         |               |

connect the power to the chassis.

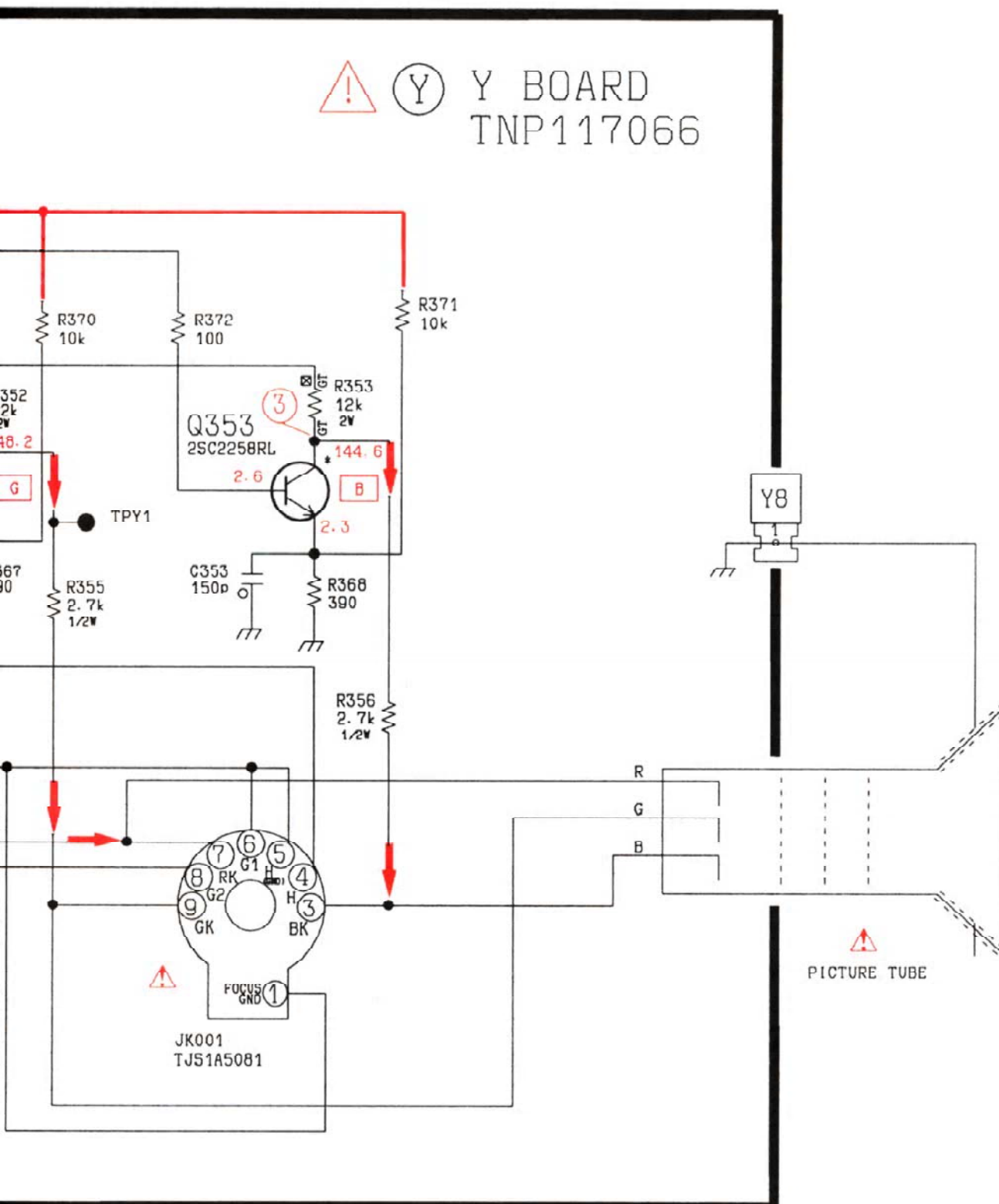


# TC-14SV2



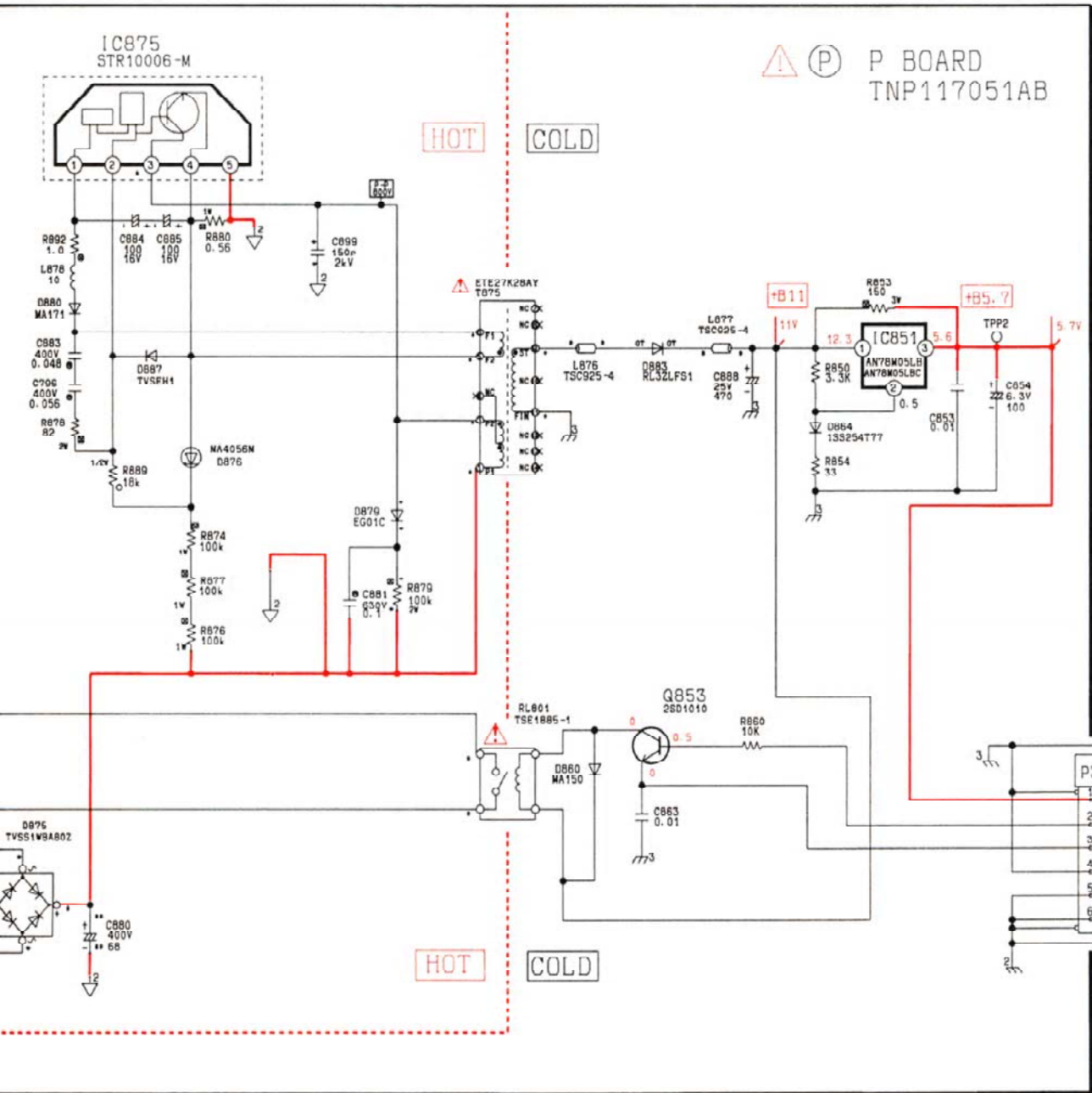


TC-14SV2

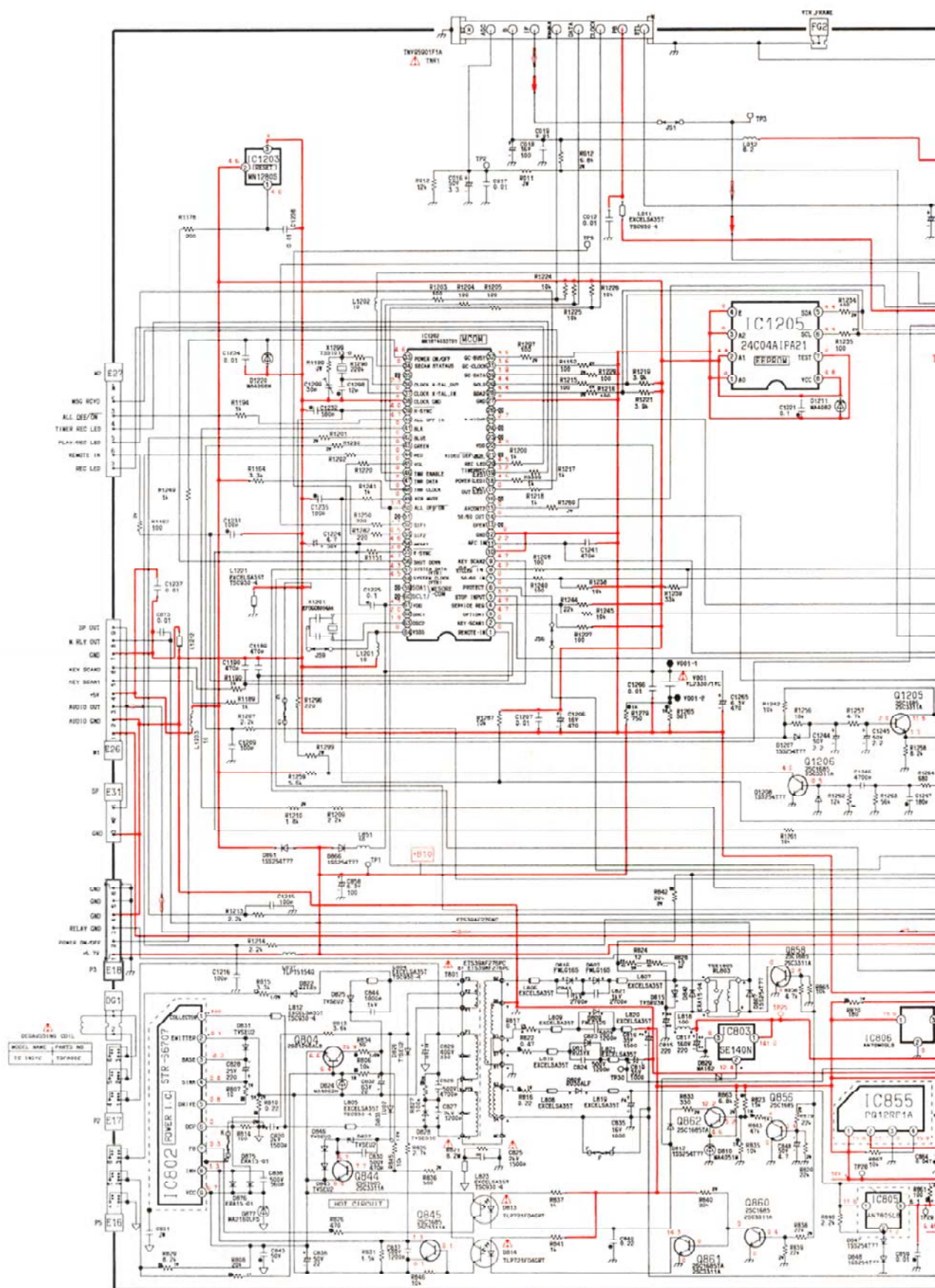


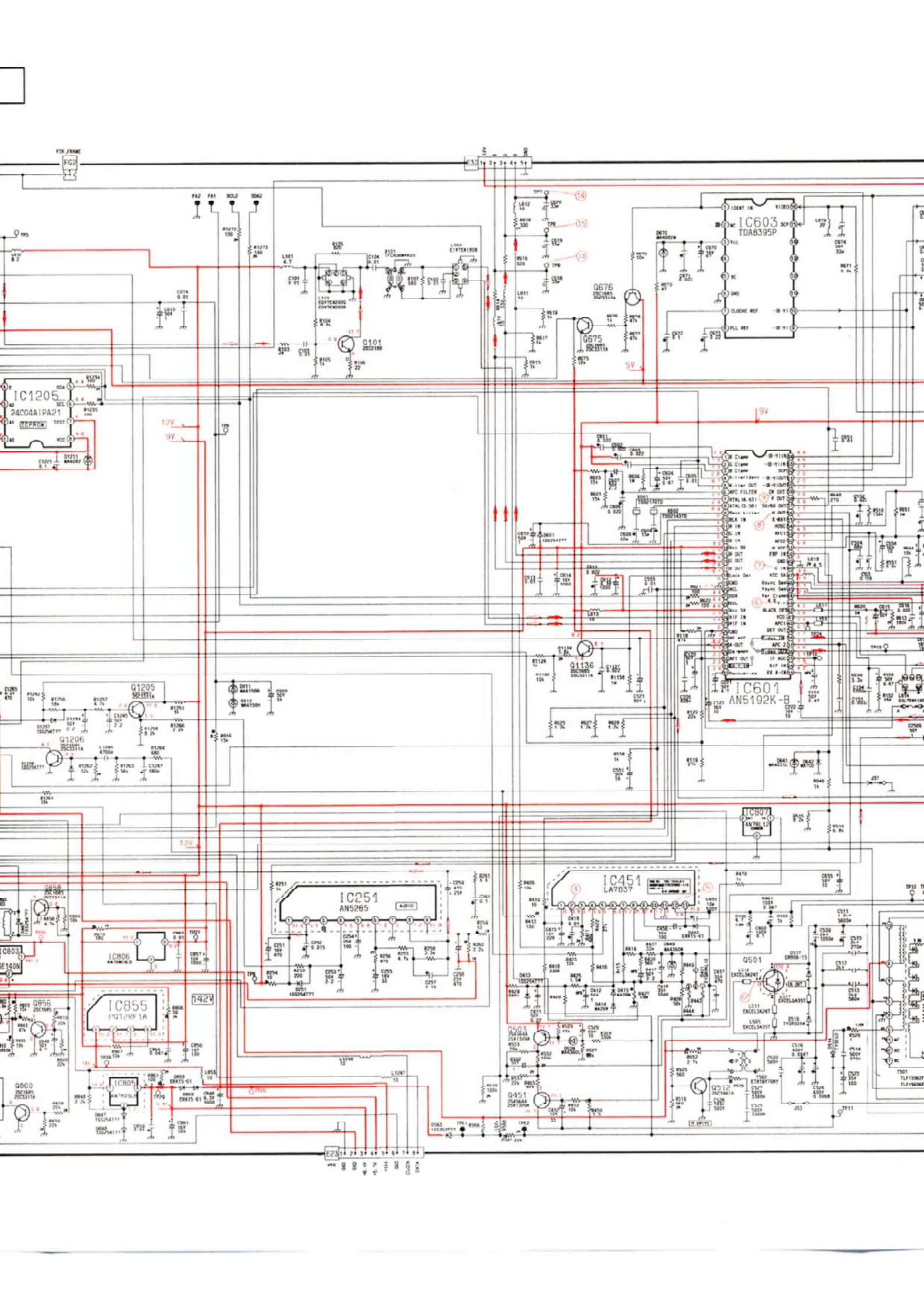


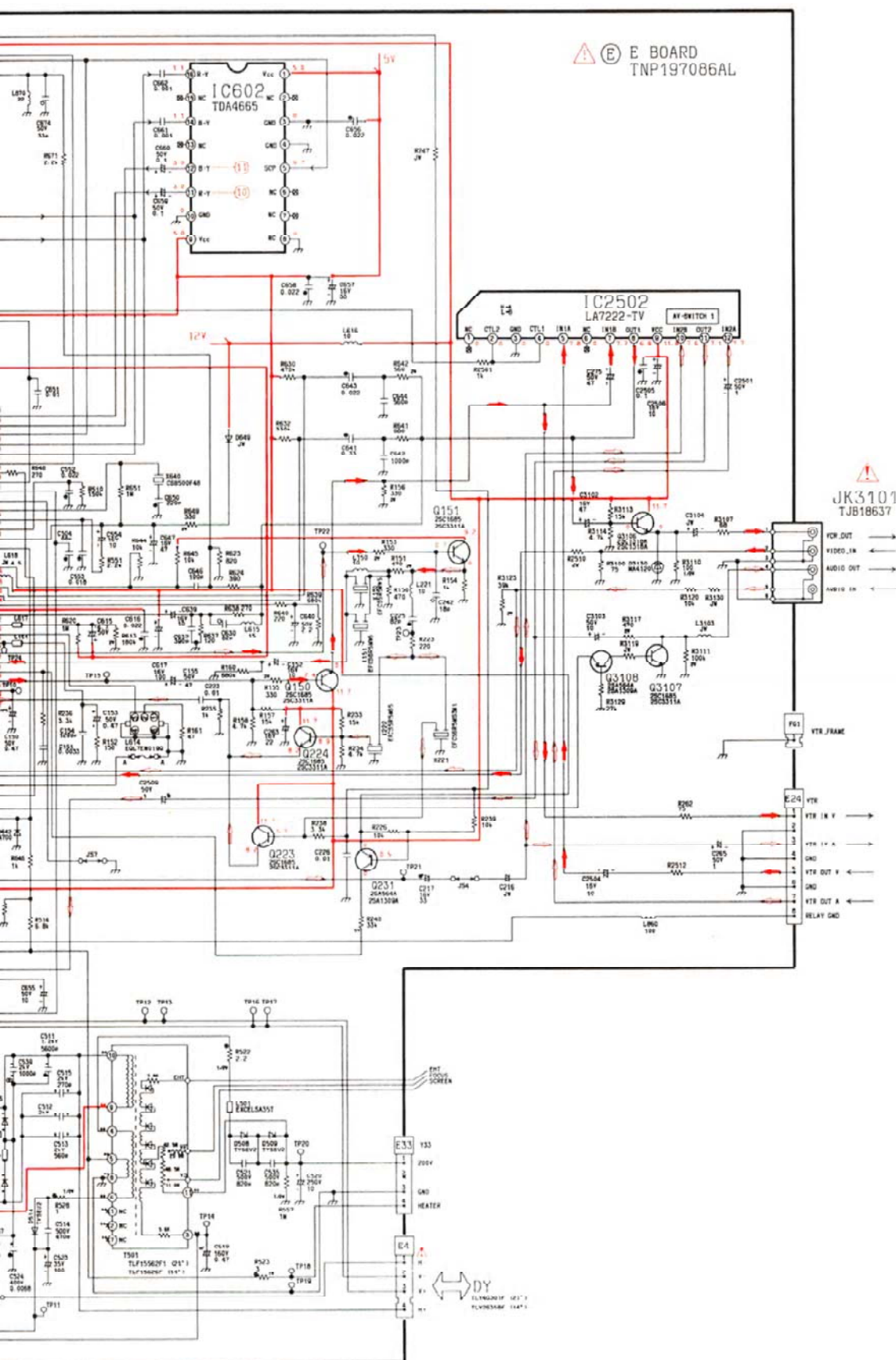
## TC-14SV2



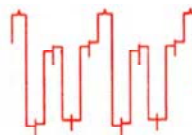
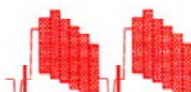
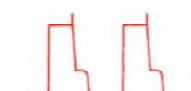
# TC-14SV2







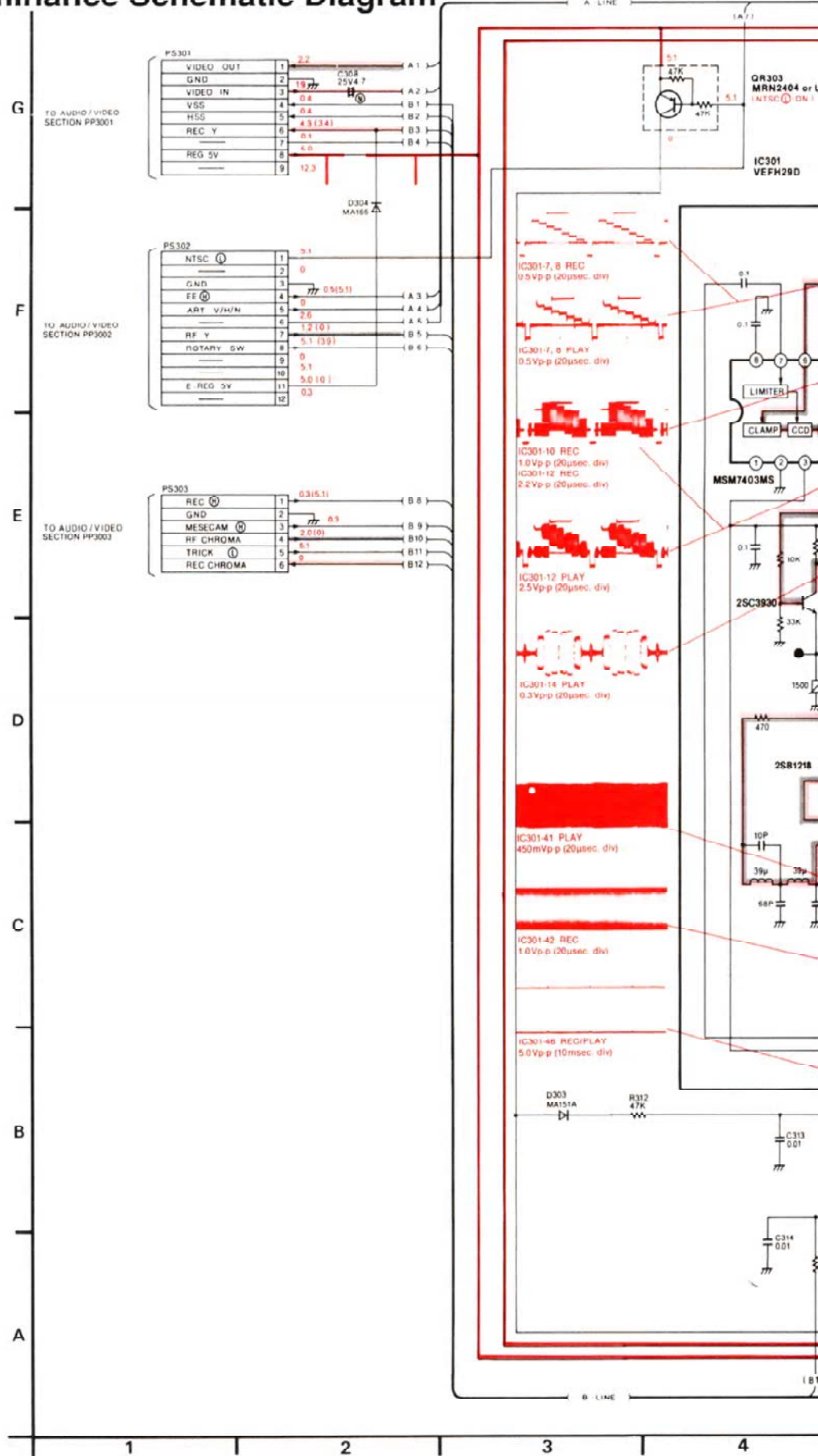
WAVEFORM PATTERN TABLE

|                                                                                                                              |                                                                                                                              |                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <p>① Q351-C</p>  <p>84.4Vp-p(20µsec)</p>    | <p>② Q352-C</p>  <p>90.6Vp-p(20µsec)</p>    | <p>③ Q354-C</p>  <p>81.9Vp-p(20µsec)</p>   |
| <p>④ IC401-2</p>  <p>4.4Vp-p(5msec)</p>     | <p>⑤ IC401-12</p>  <p>51.9Vp-p(5msec)</p>   | <p>⑥ IC601-43</p>  <p>1.5Vp-p(20µsec)</p>  |
| <p>⑦ IC601-48</p>  <p>0.9Vp-p(20µsec)</p>  | <p>⑧ IC601-56</p>  <p>3.7Vp-p(20µsec)</p>  | <p>⑨ IC601-58</p>  <p>4.7Vp-p(5msec)</p>  |
| <p>⑩ IC602-11</p>  <p>1.2Vp-p(20µsec)</p> | <p>⑪ IC602-12</p>  <p>1.7Vp-p(20µsec)</p> | <p>⑫ Q501-B</p>  <p>15.2Vp-p(20µsec)</p> |
| <p>⑬ TP9</p>  <p>3.3Vp-p(20µsec)</p>      | <p>⑭ TP7</p>  <p>3.6Vp-p(5msec)</p>       | <p>⑮ TP8</p>  <p>3.8Vp-p(20µsec)</p>     |

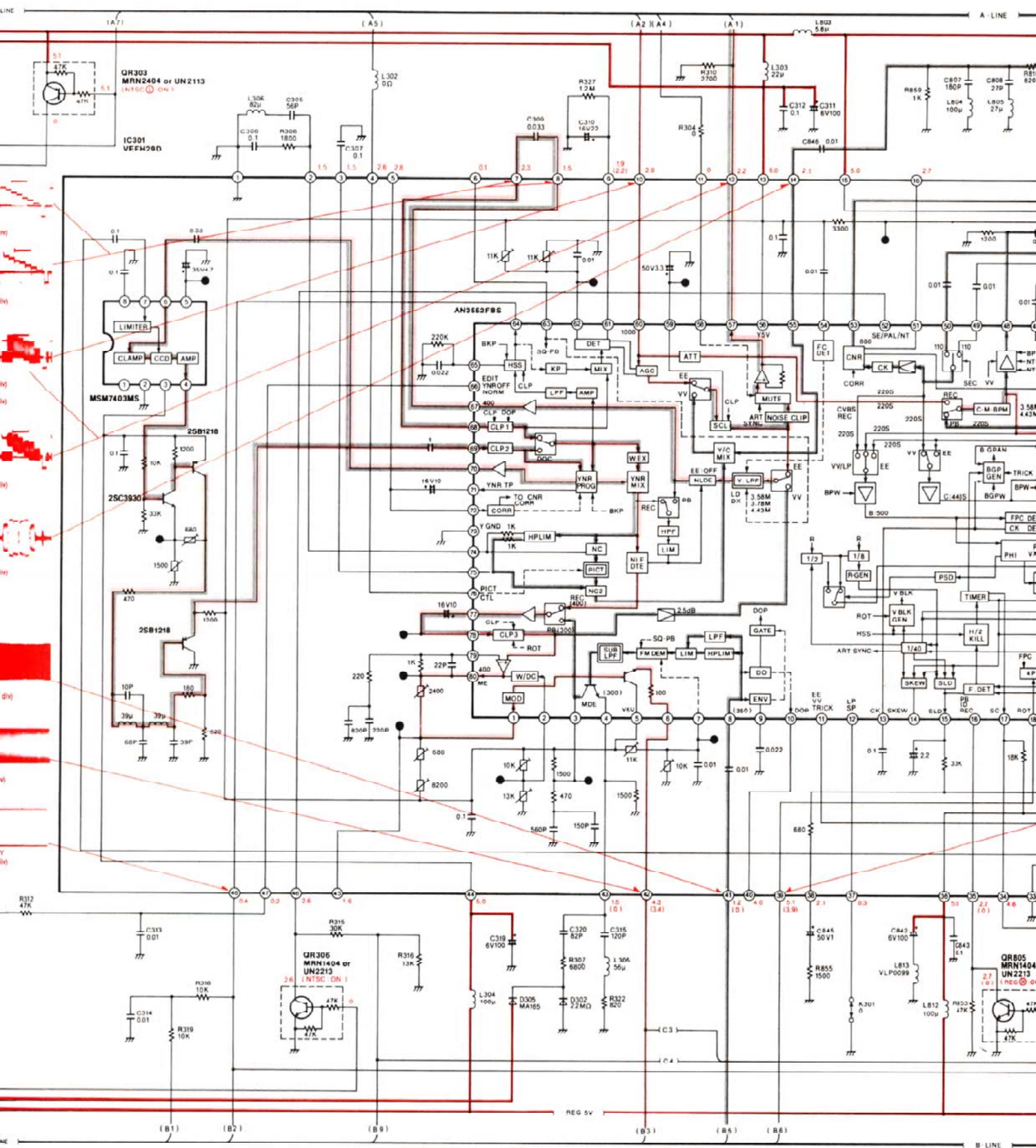
TC-14SV2

TC-1

# VCR Section Luminance & Chrominance Schematic Diagram

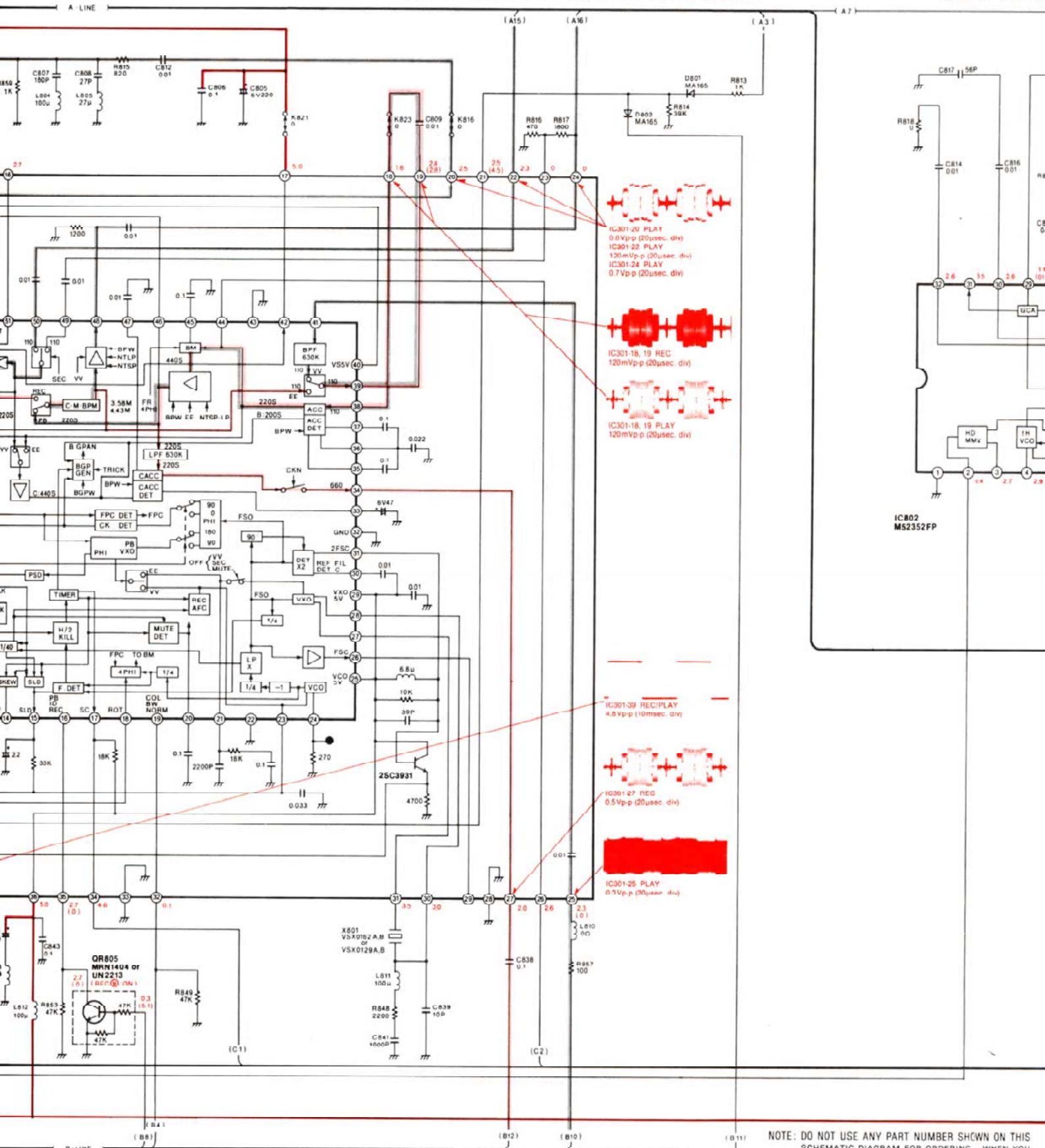


# TC-14SV2



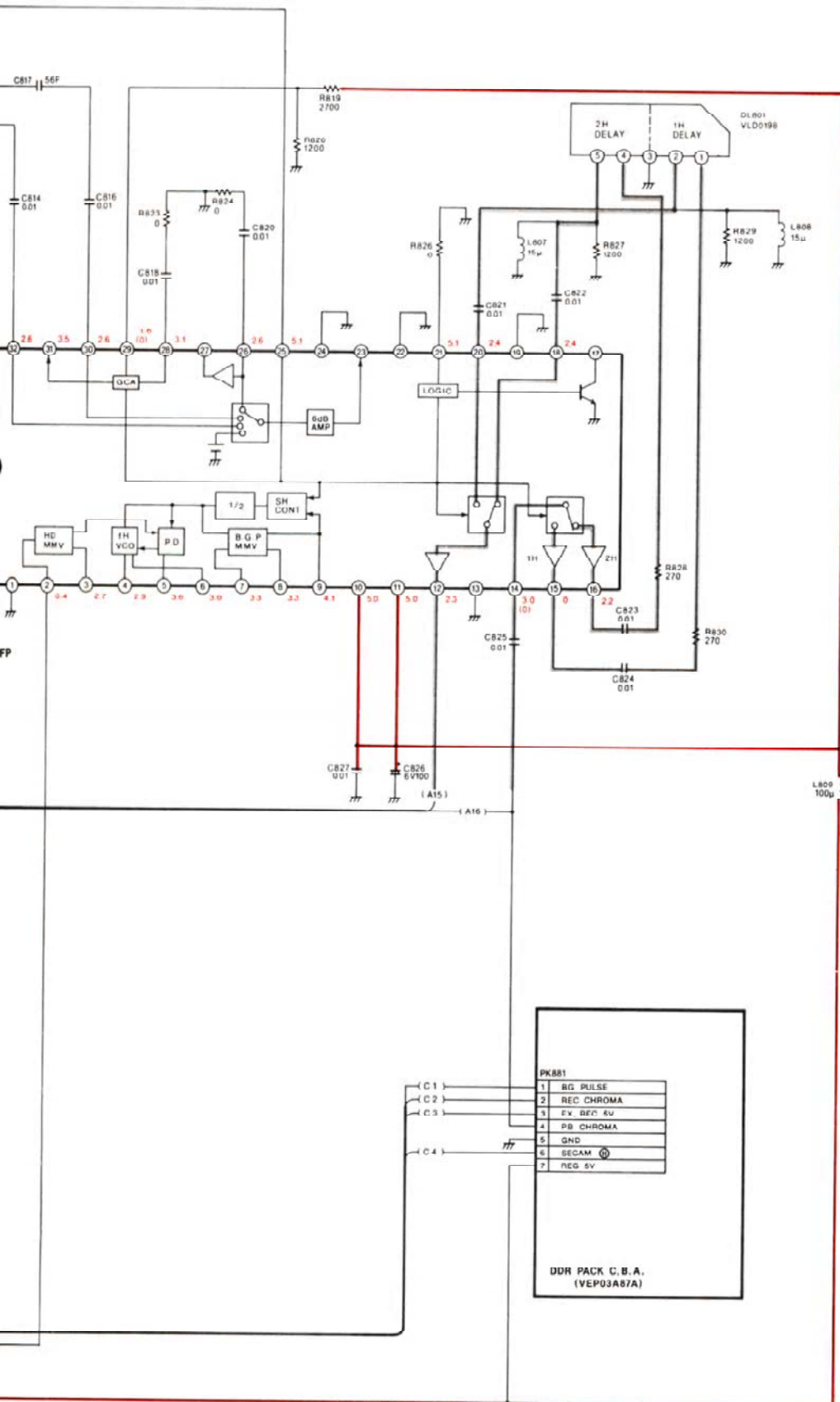
## MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL



# TC-14SV2

## MAIN SIGNAL PATH IN PLAYBACK MODE



NUMBER SHOWN ON THIS ORDERING. WHEN YOU ORDER TO PARTS LIST.

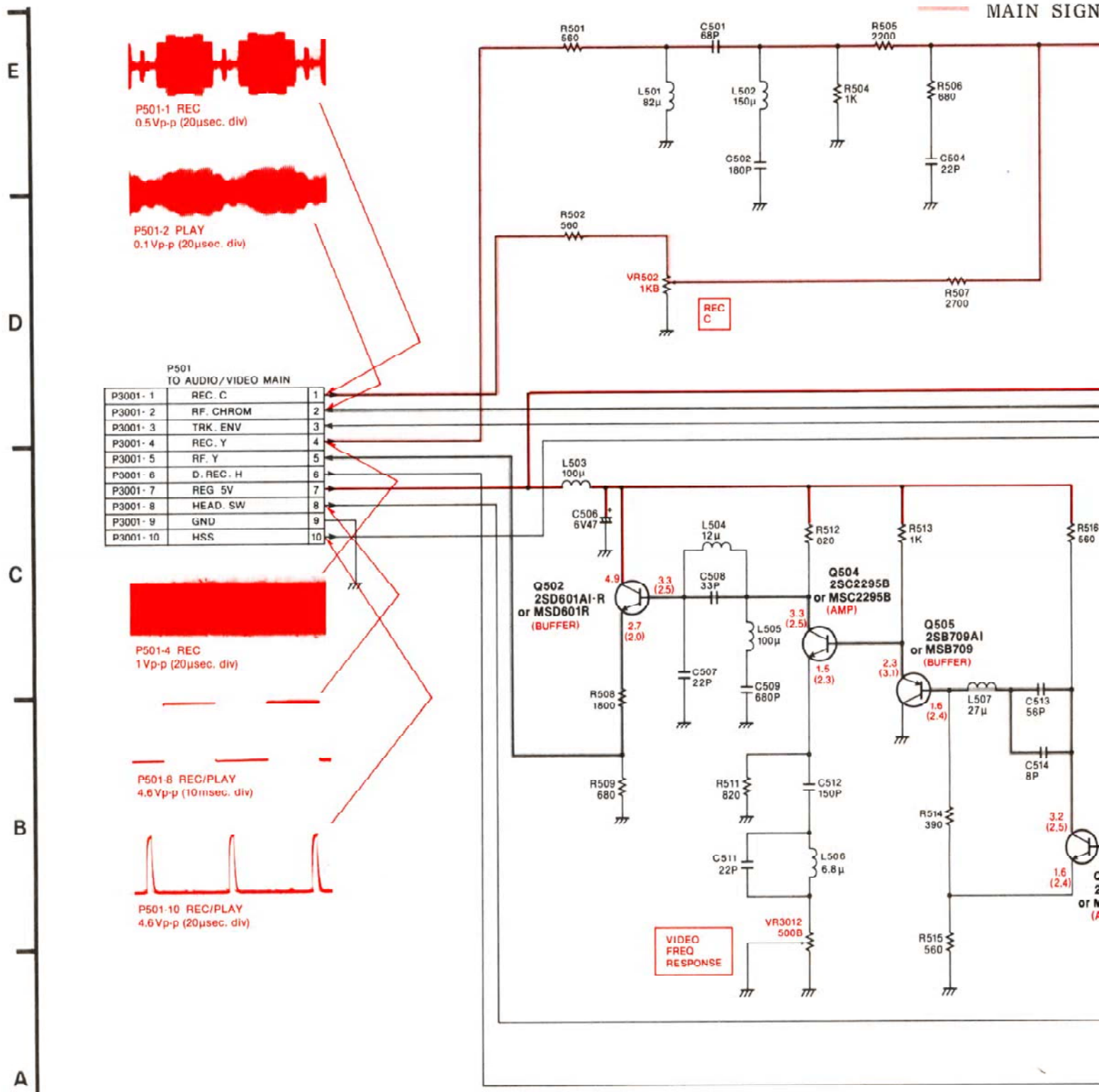
15

16

17

18

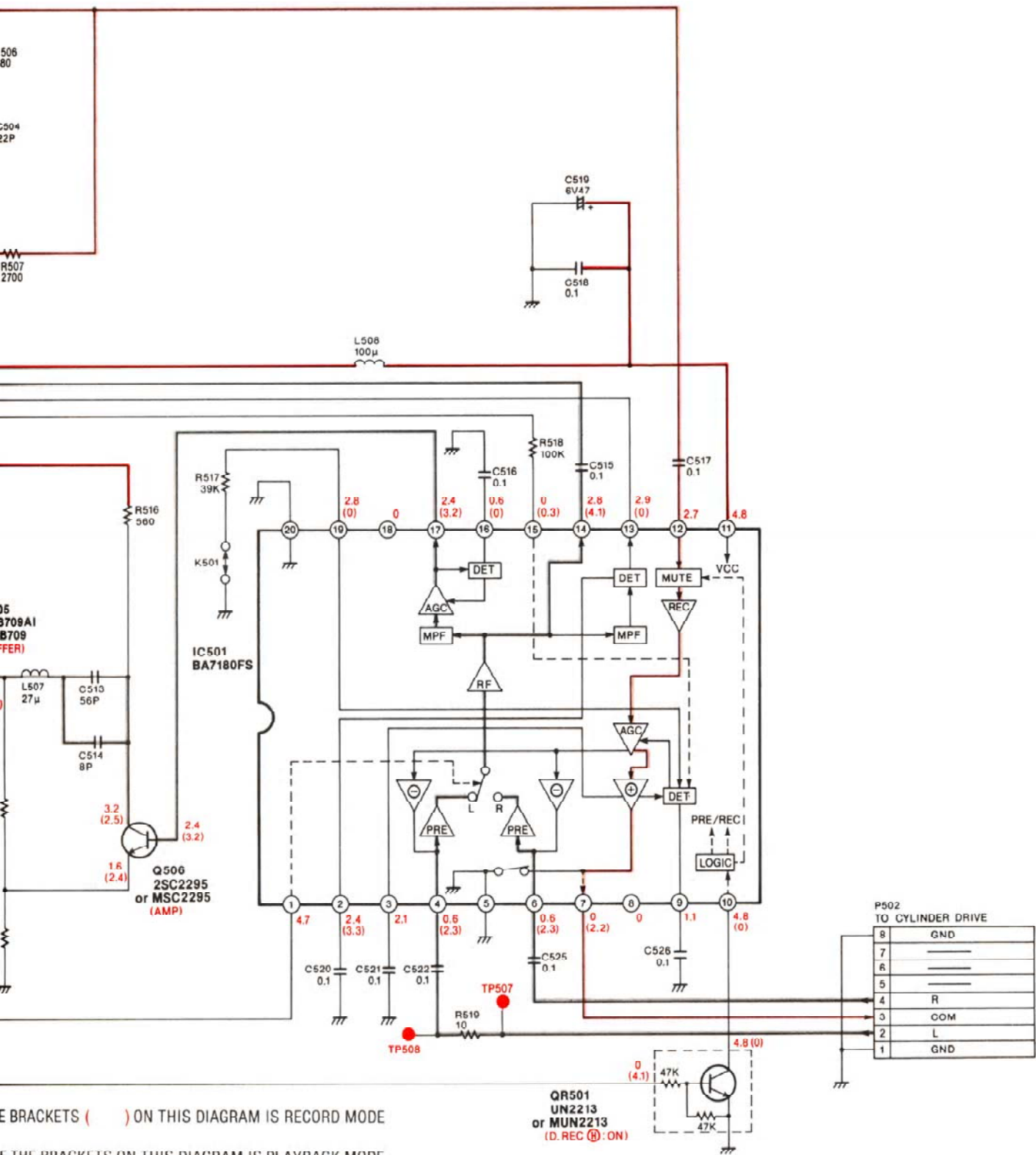
# Head Amp Schematic Diagram



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

— MAIN SIGNAL PATH IN REC MODE — MAIN SIGNAL PATH IN PLAYBACK MODE



5

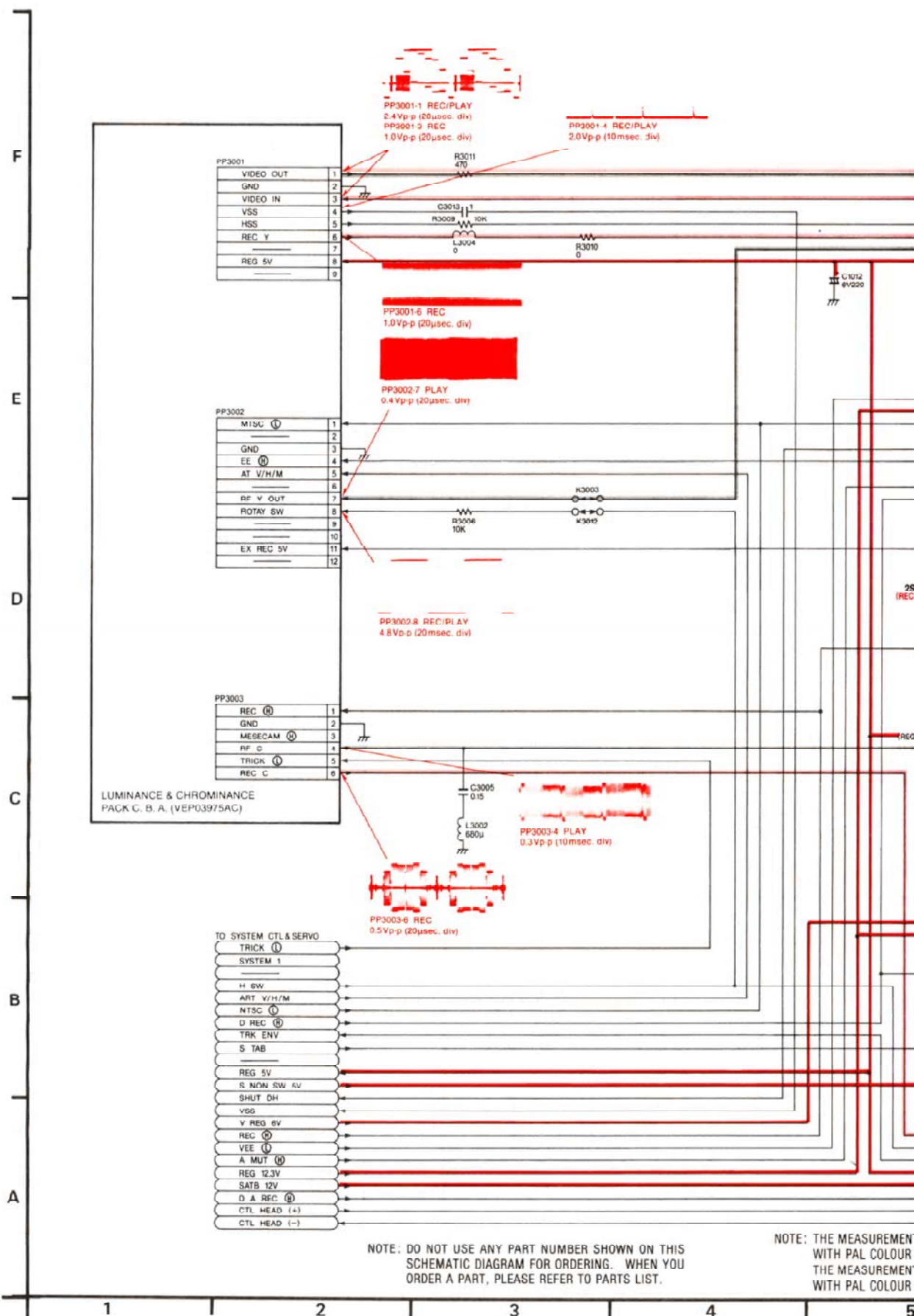
6

7

8

# Audio & Video Schematic Diagram

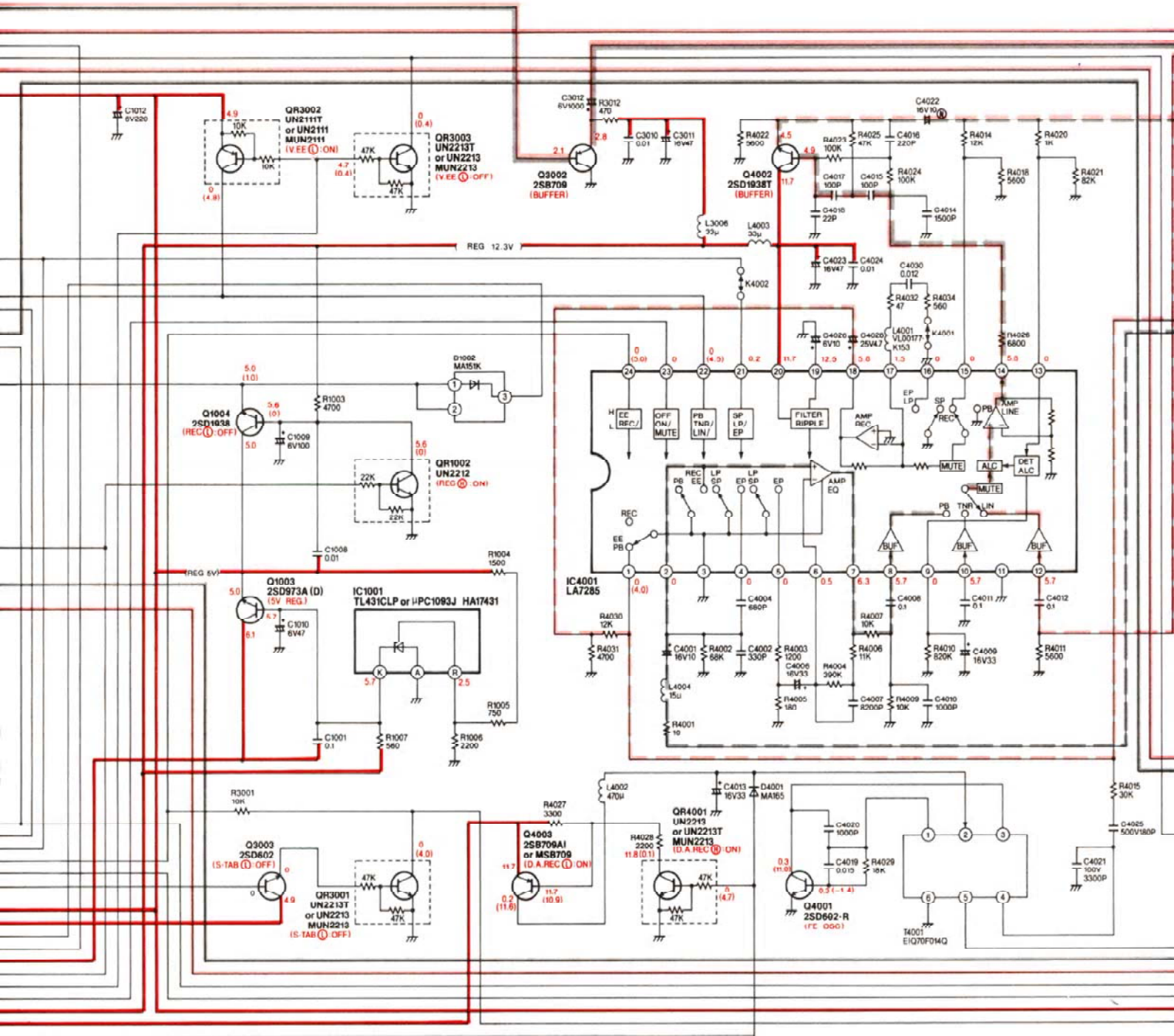
MODE



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

NOTE: THE MEASUREMENT WITH PAL COLOUR THE MEASUREMENT WITH PAL COLOUR

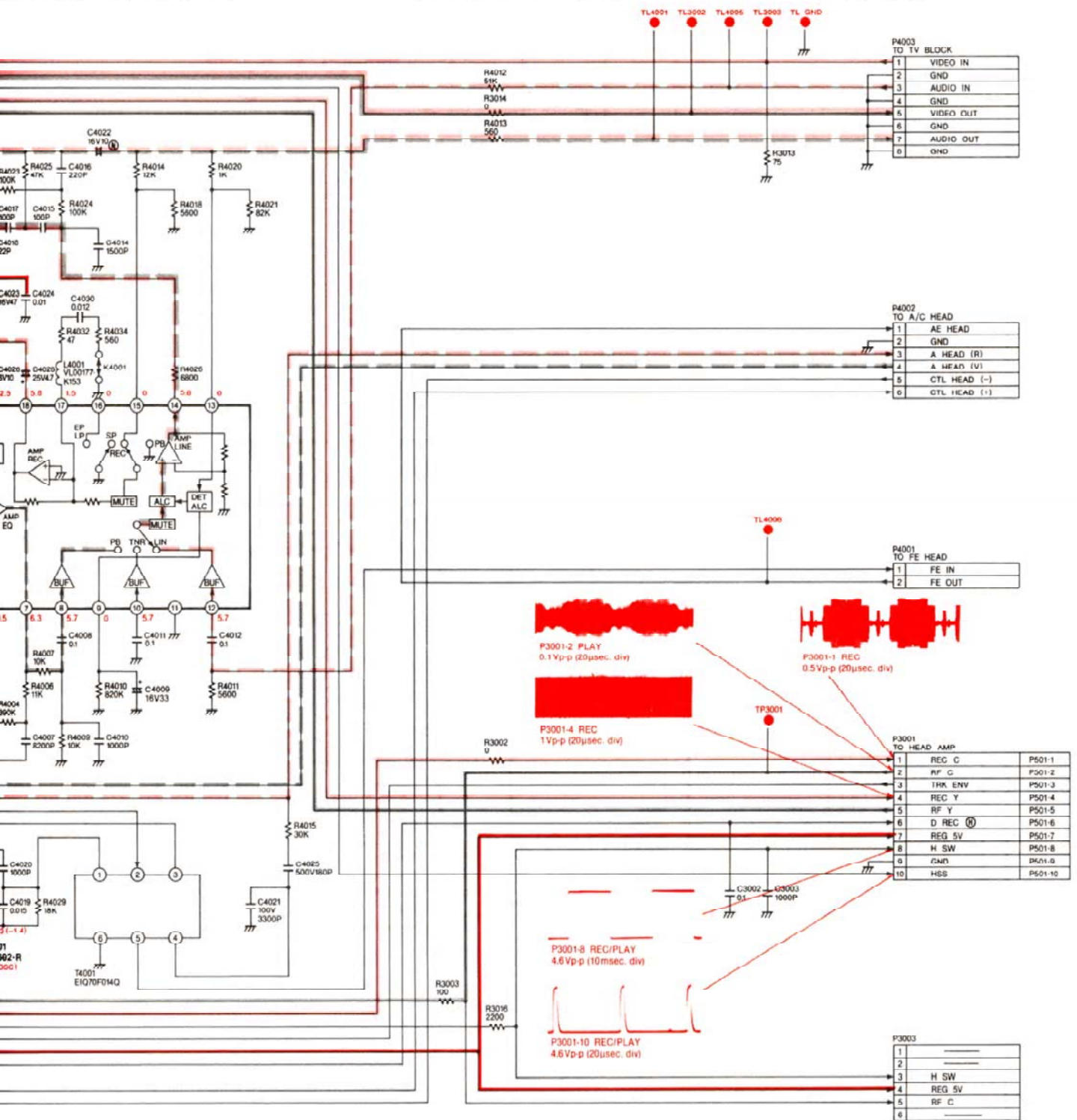
VIDEO MAIN SIGNAL PATH IN REC MODE  
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE



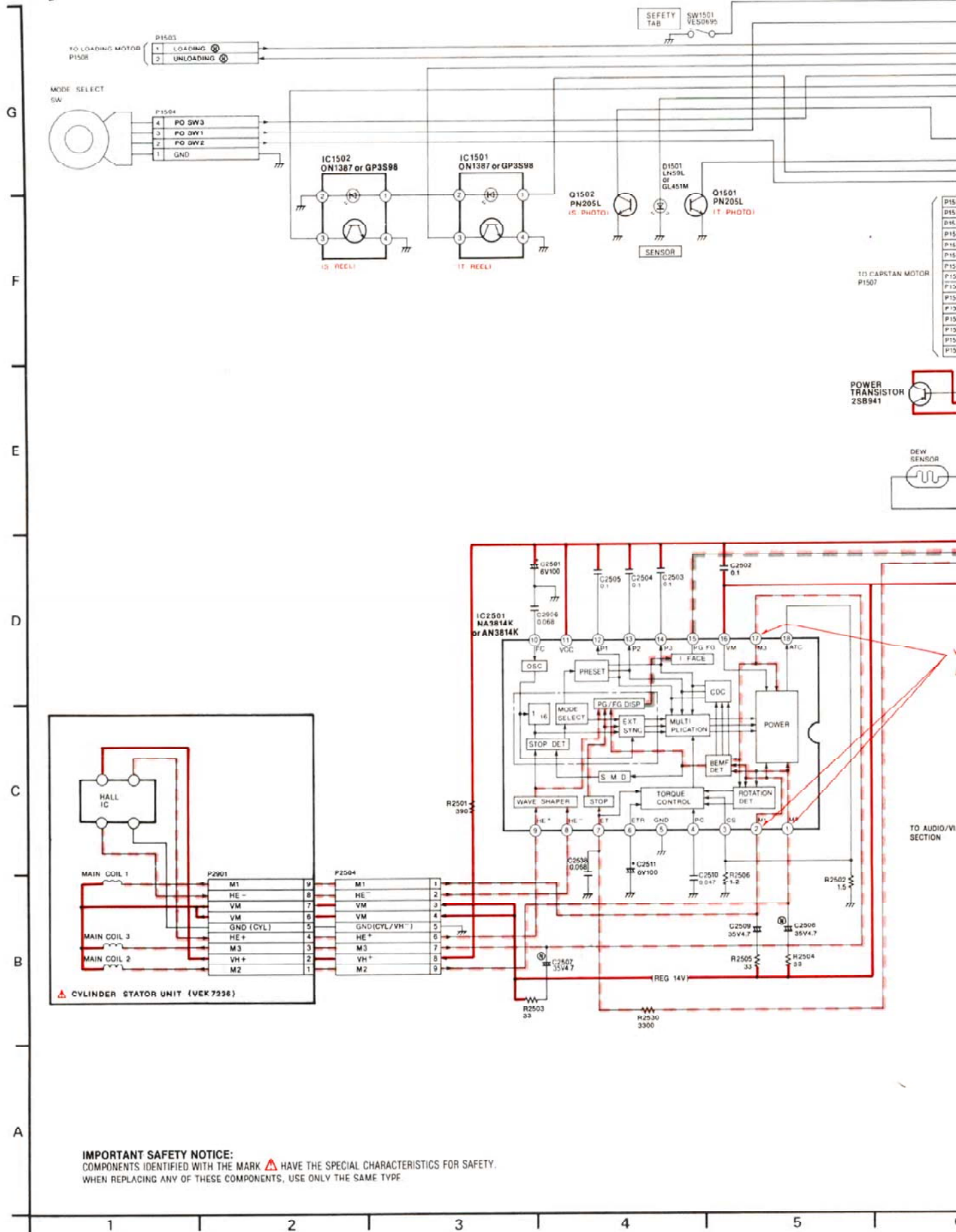
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL.  
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL.

H IN REC MODE  
H IN PLAYBACK MODE

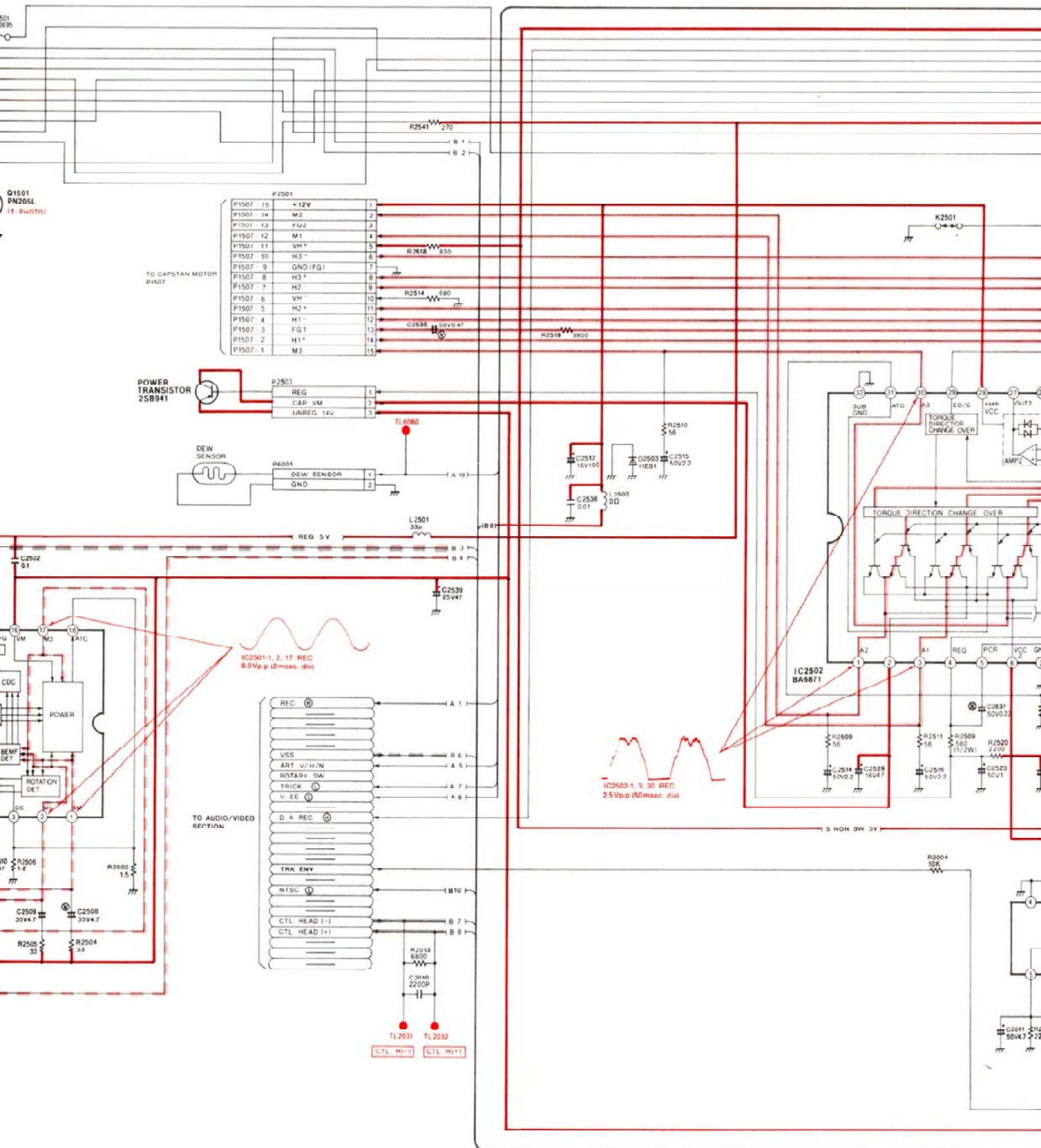
--- AUDIO MAIN SIGNAL PATH IN REC MODE  
--- AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

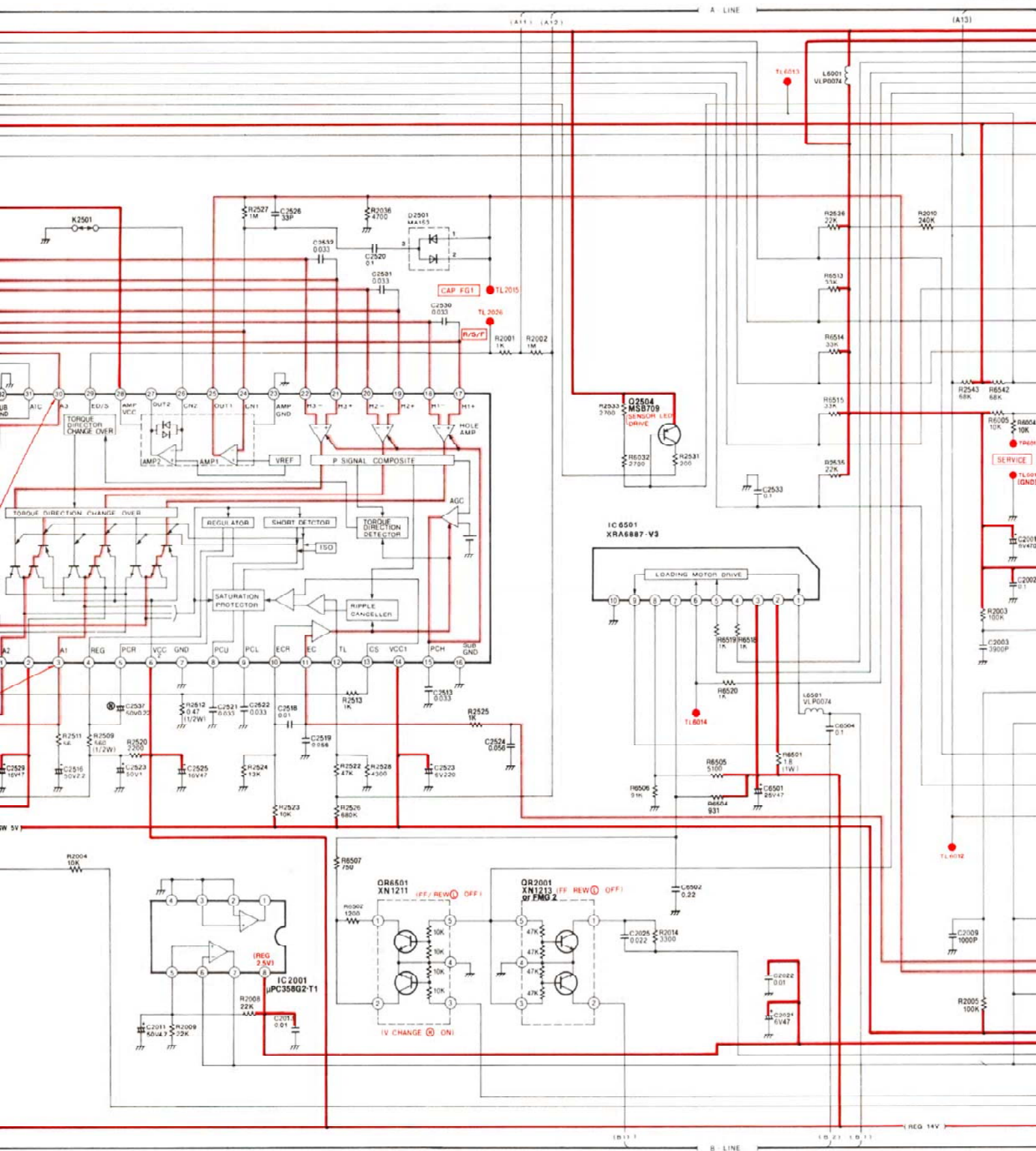


## System Control &amp; Servo Schematic Diagram



# TC-14SV2

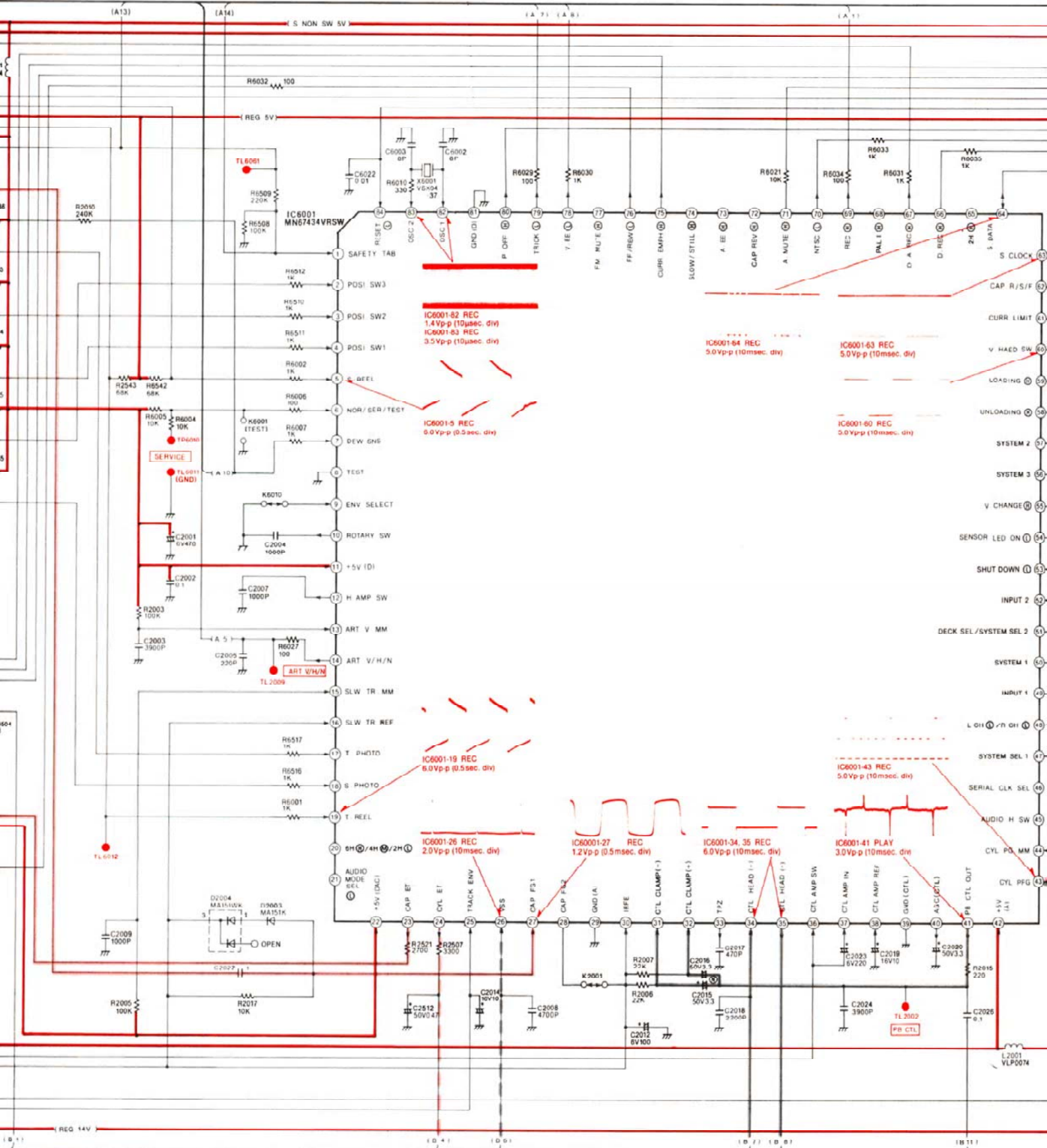




## CAPSTAN SERVO SPEED LOOP

## CAPSTAN SERVO PHASE LOOP

## CYLINDER



## CYLINDER SERVO PHASE LOOP

