

LOWER PRINTED CIRCUIT BOARDS

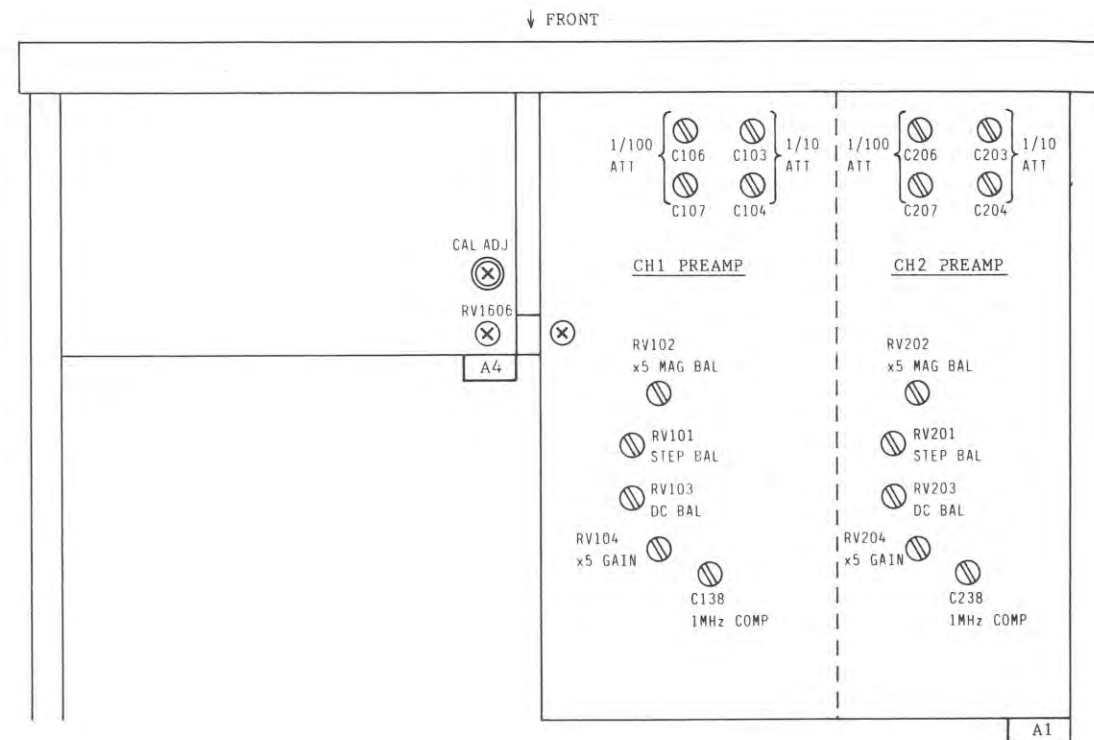


Figure 4-8

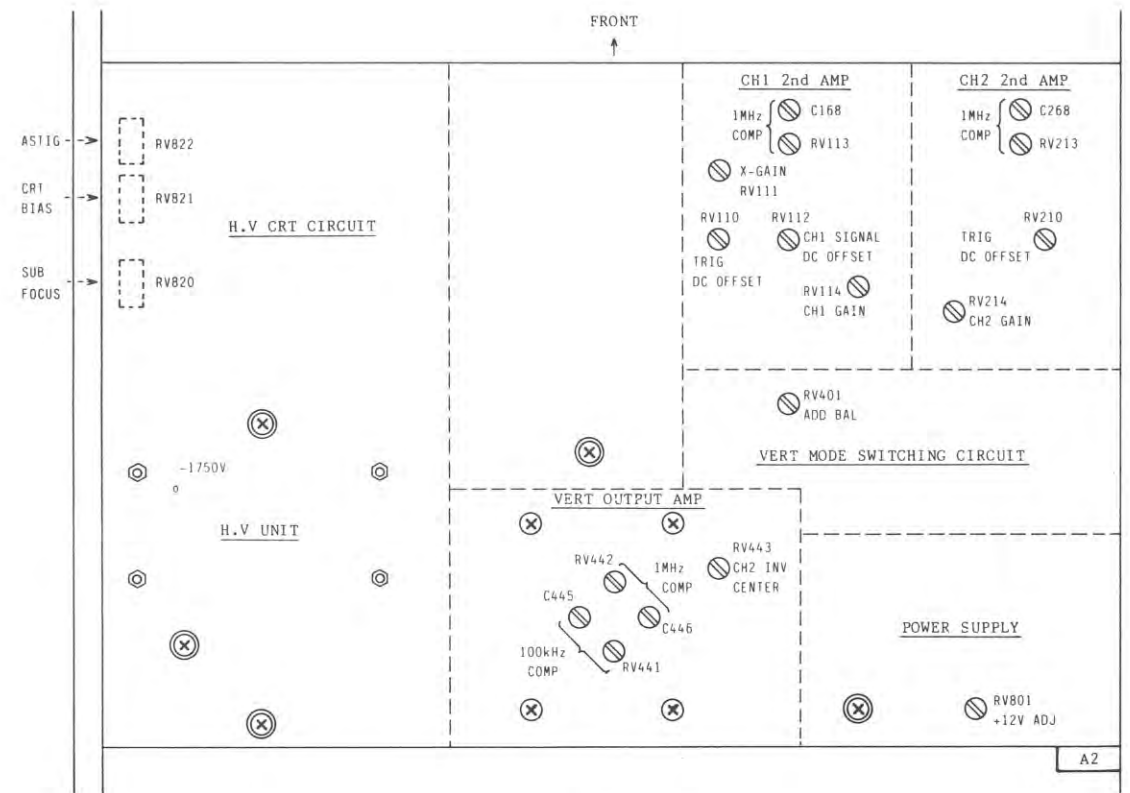


Figure 4-7

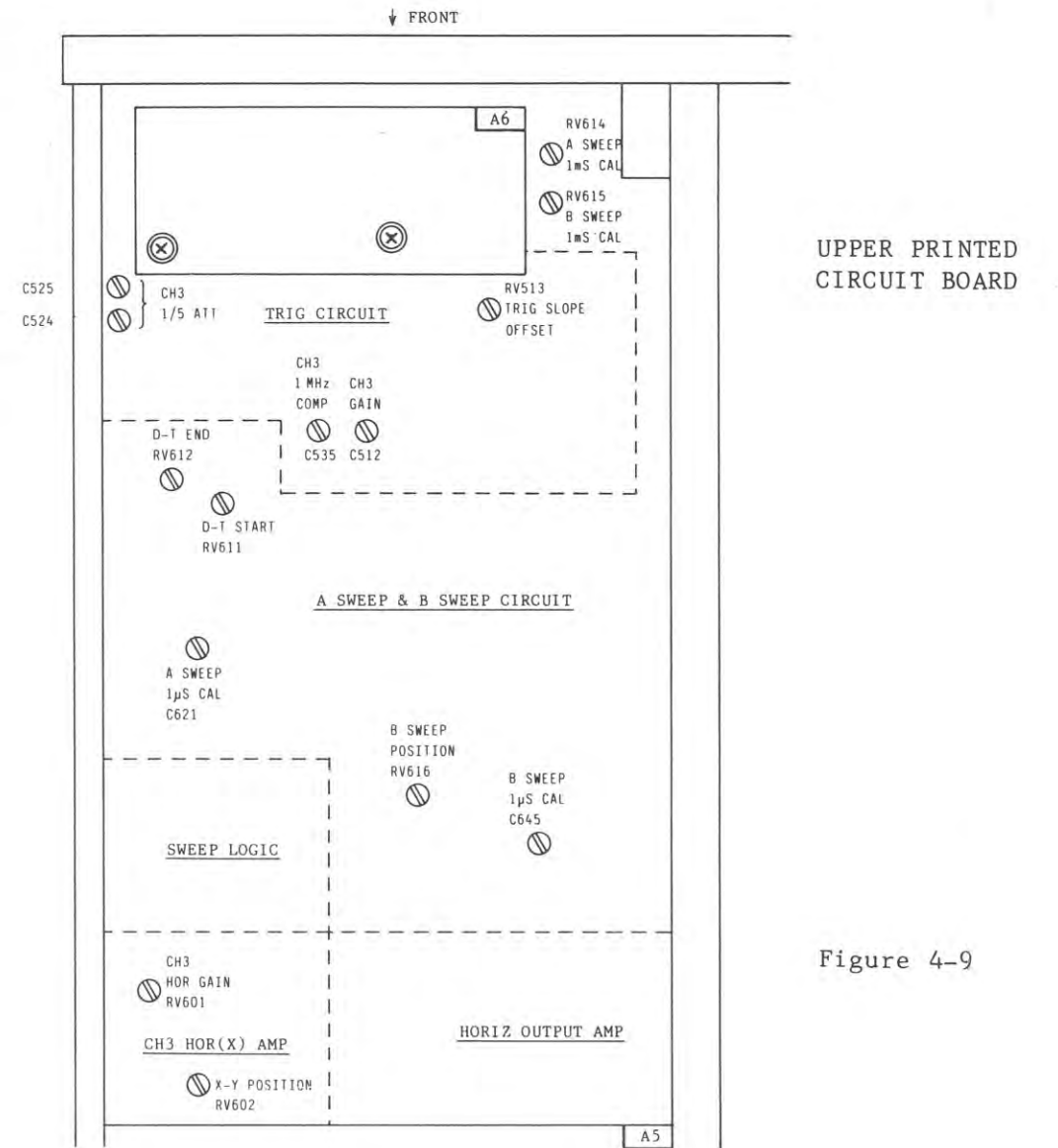
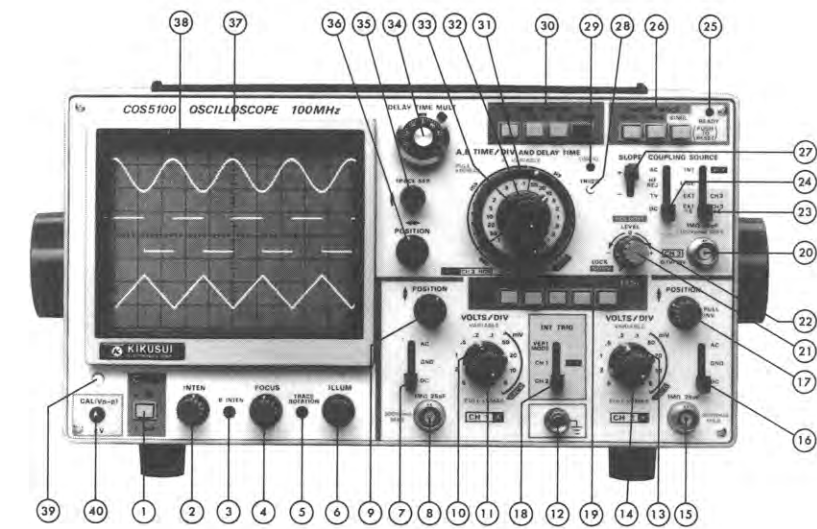
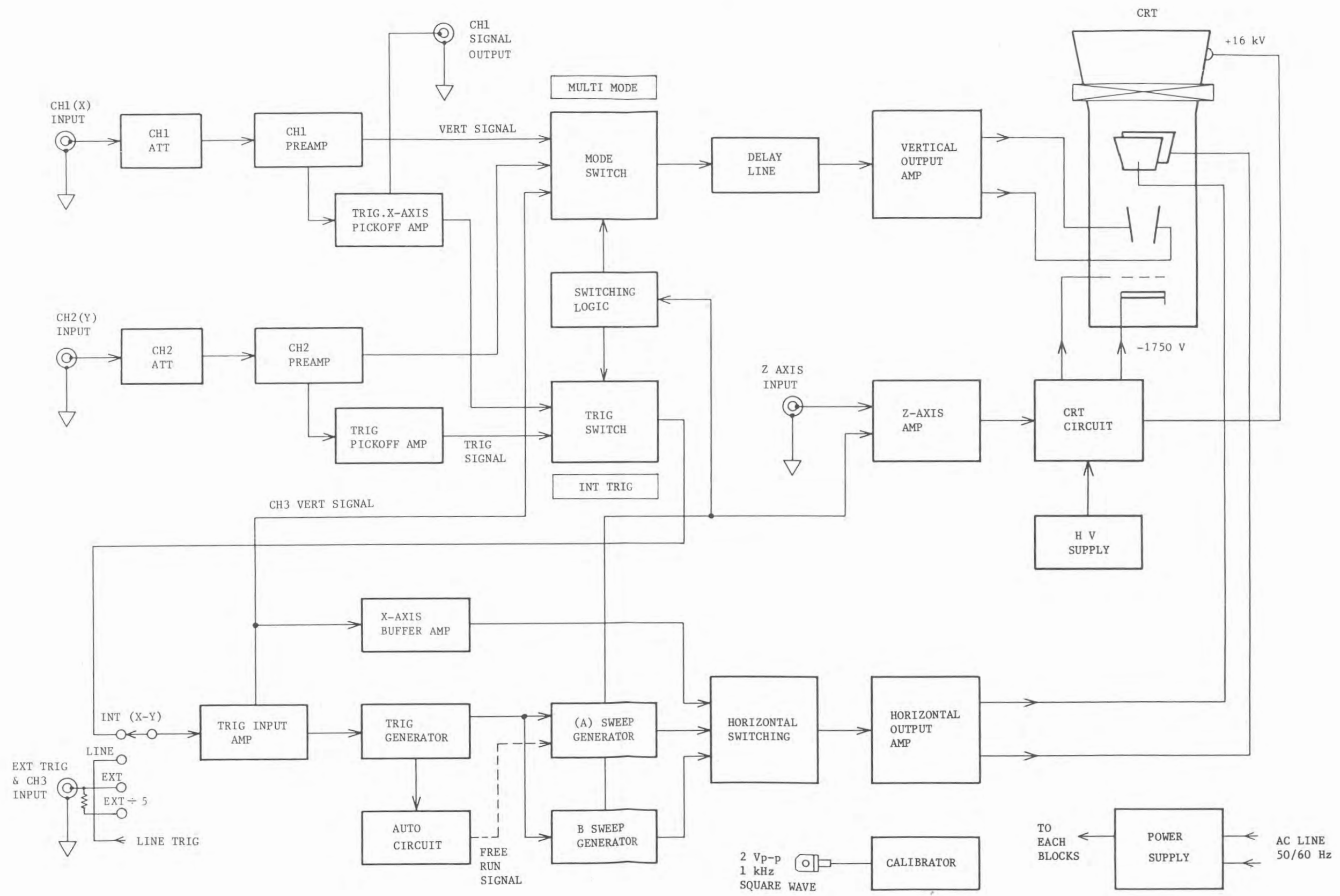


Figure 4-9





CIRCUIT SCHEMATICS

VERTICAL PREAMP CIRCUIT

①

VERTICAL AMP & SWITCHING CIRCUIT

②

VERTICAL FINAL AMP & TRIGGER CIRCUIT

③

A, B SWEEP GENERATOR & HOR FINAL AMP CIRCUIT

④

POWER SUPPLY & CRT CIRCUIT

⑤

NOTES

Diodes, transistors and ICs of type numbers different from those indicated but of equivalent characteristics may be used.

Unless otherwise indicated, resistance is given in ohms, 1/4W, 5%, carbon film and capacitor is given in farads.

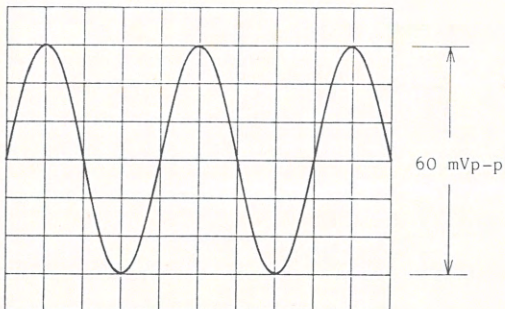
* Optimum value selected at factory. Average value shown.

(Parts may be omitted.)

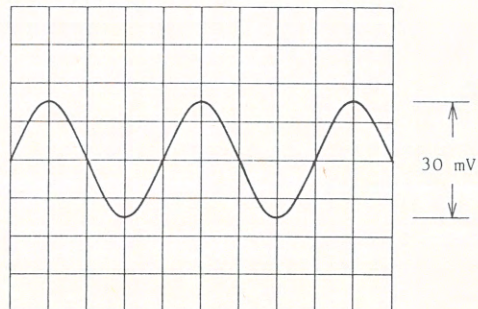
△ Metal film resistor.

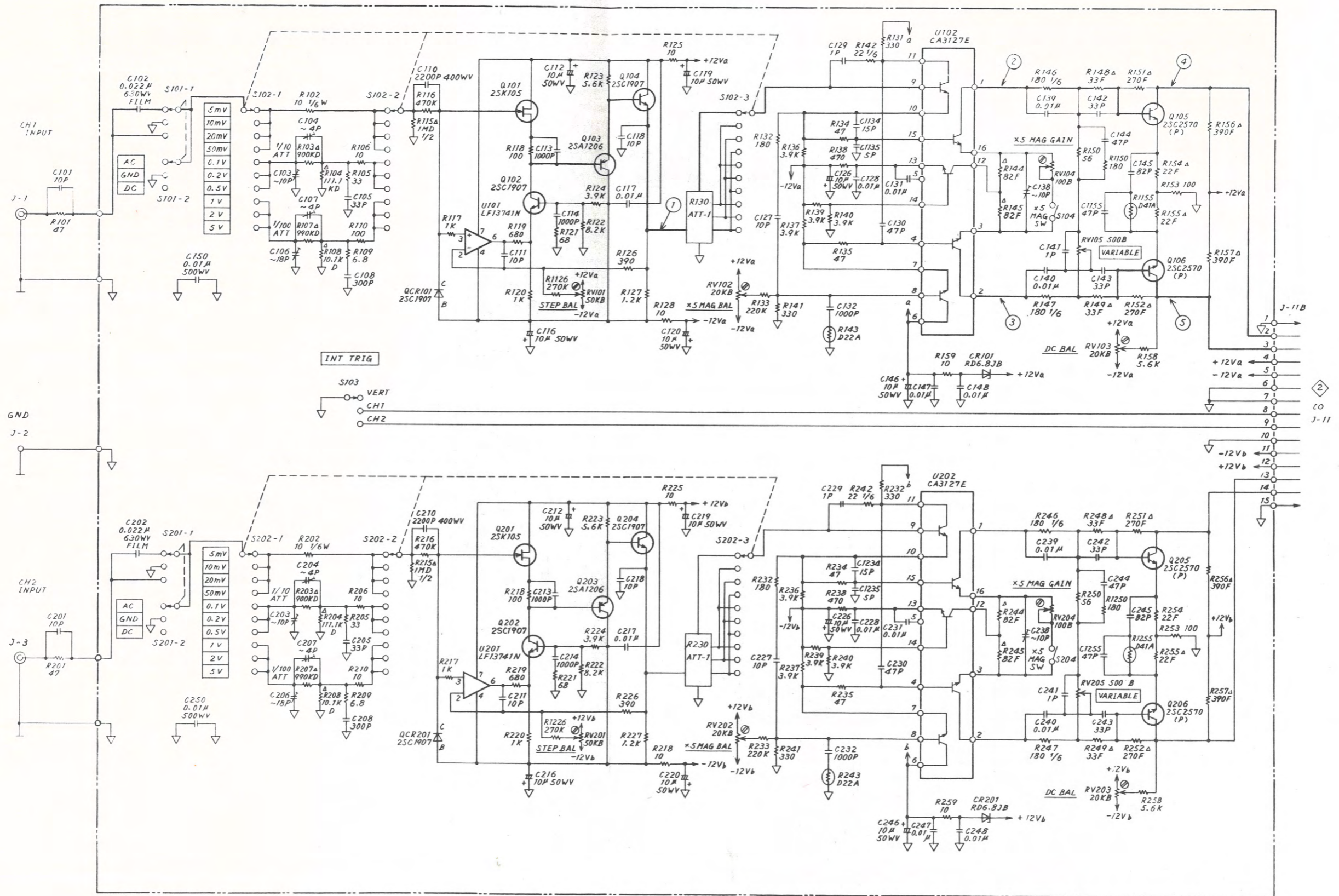
⊘ Screwdriver adjustment.

①

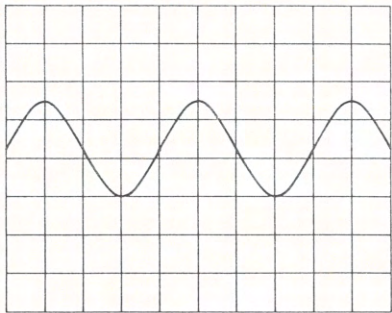


② ③ ④ ⑤



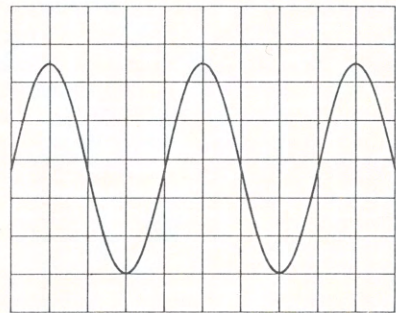


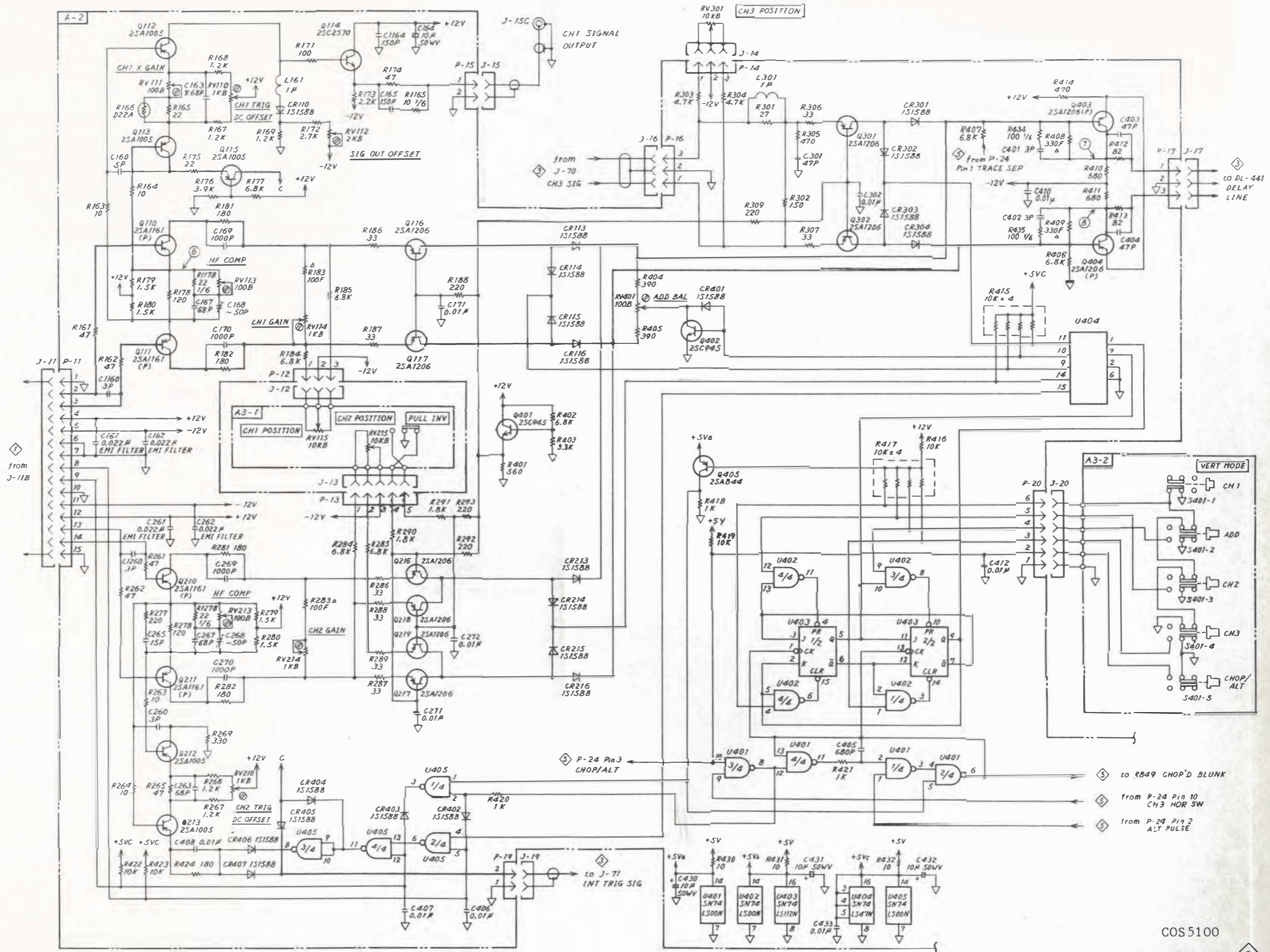
6



7

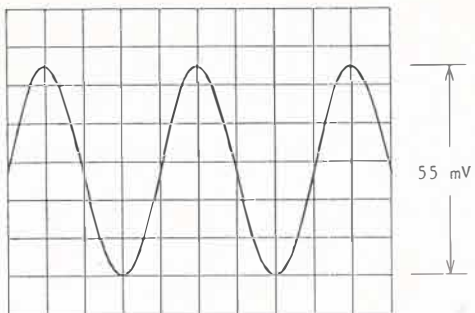
8



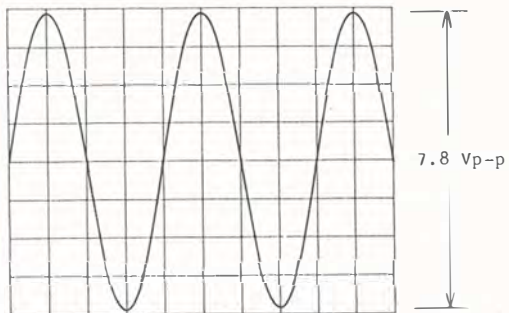


COS5100
 VERTICAL AMP & SWITCHING CIRCUIT

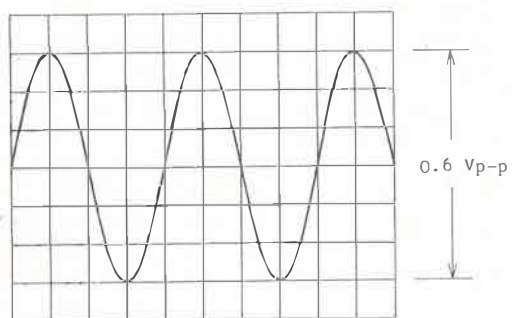
9 10



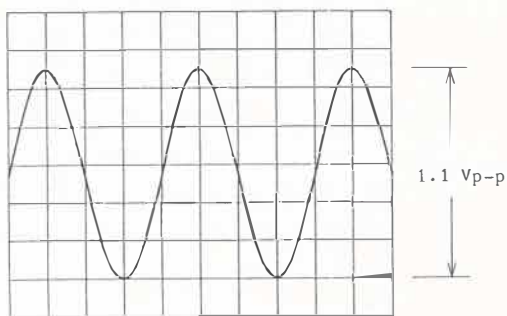
11 12



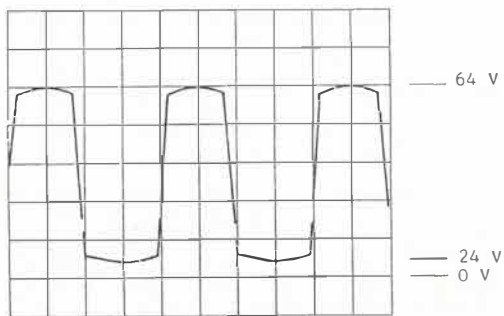
13 14



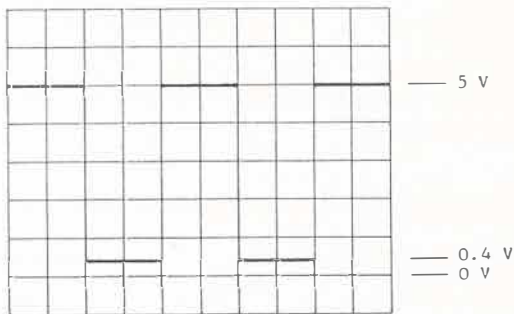
15 16



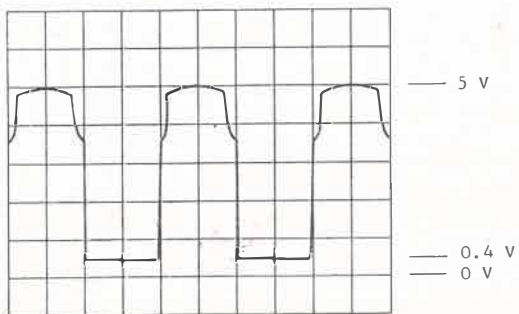
17



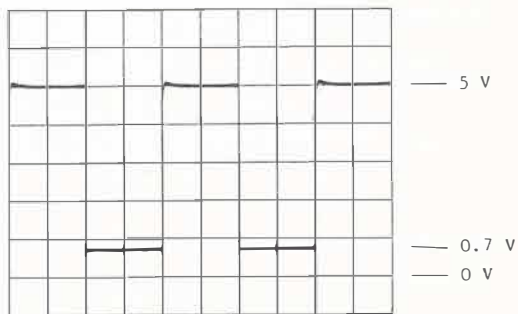
18

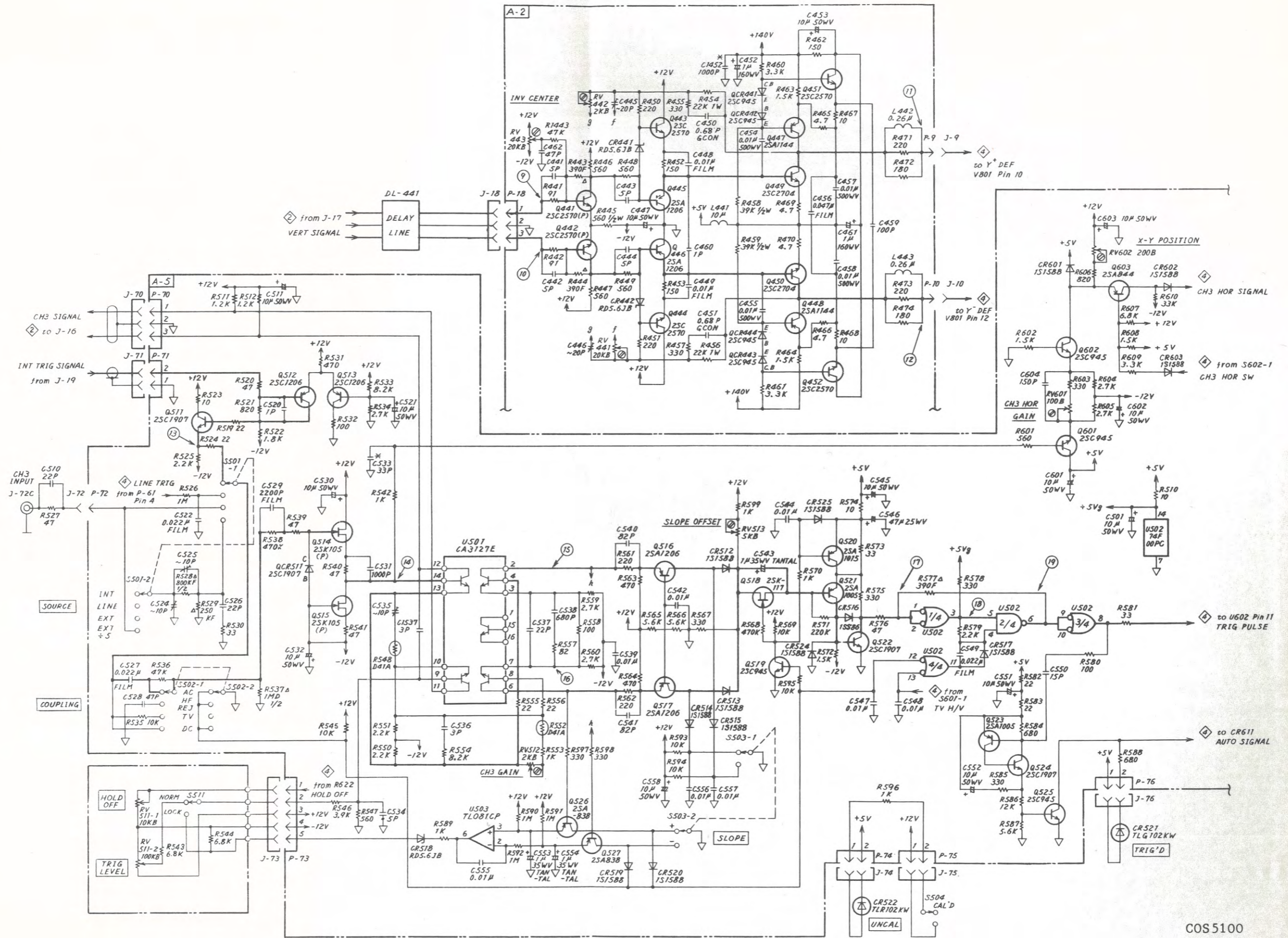


19



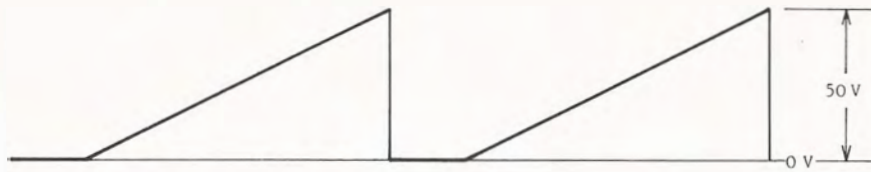
20



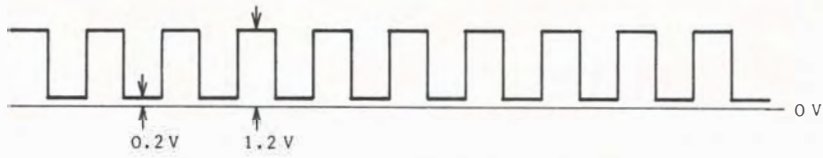


COS5100
VERTICAL FINAL AMP & TRIGGER CIRCUIT

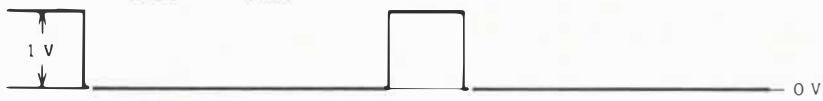
33 34



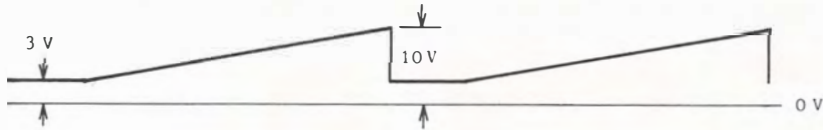
20



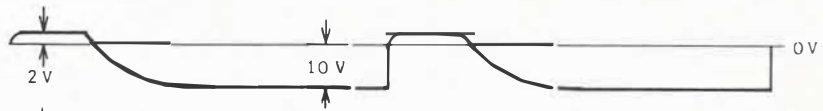
21



22



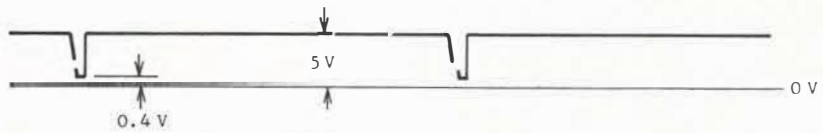
23



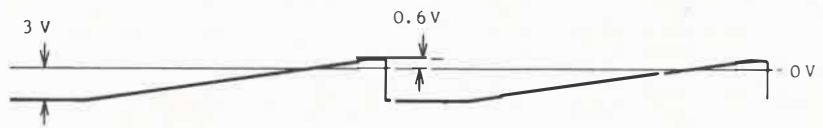
24



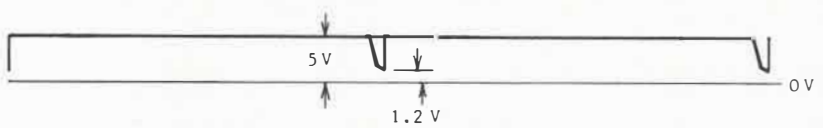
25



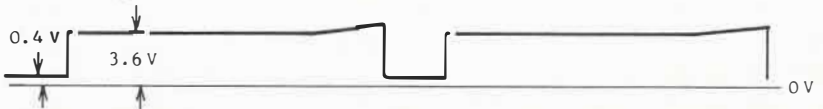
26



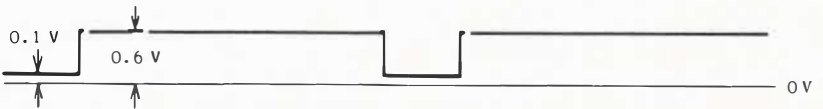
27



28



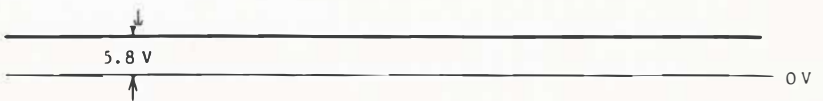
29

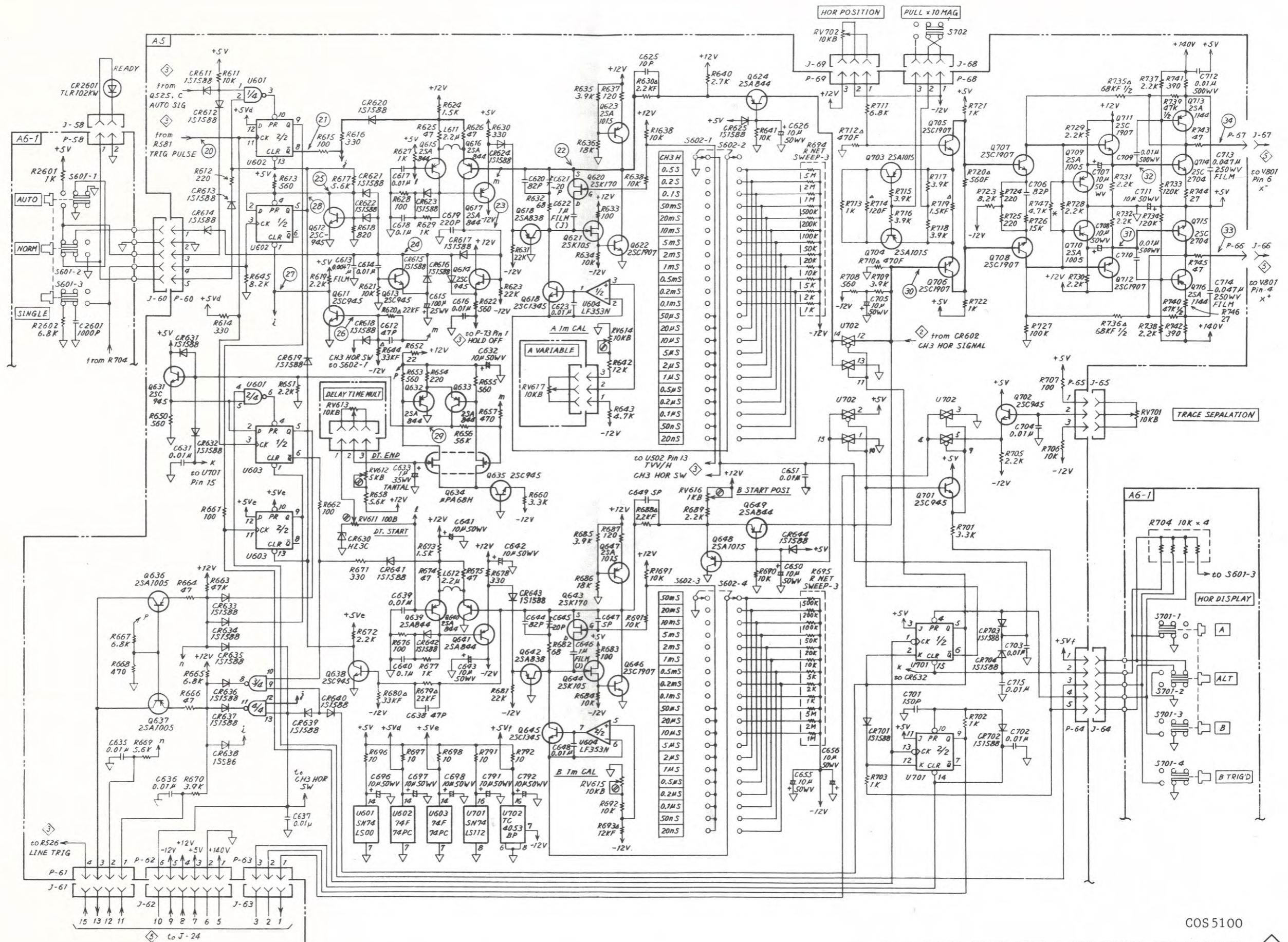


30



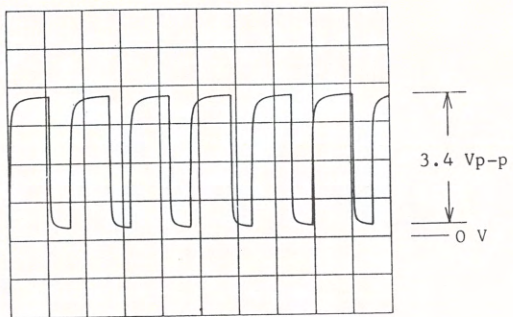
31 32



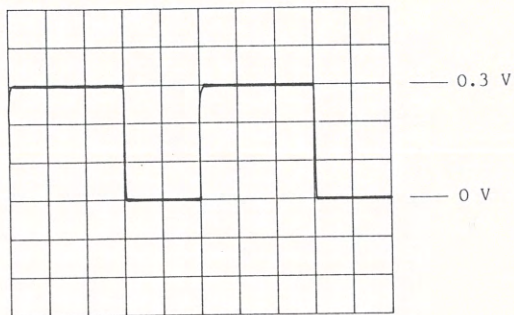


COS 5100
 A, B SWEEP GENERATOR & HOR FINAL AMP CIRCUIT

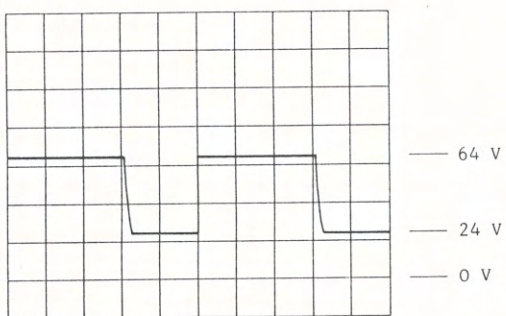
35



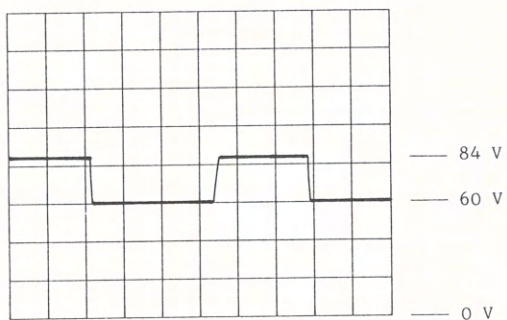
36



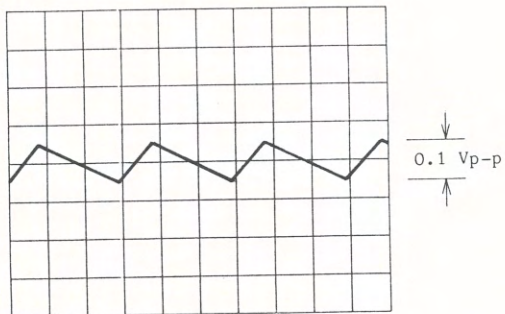
37



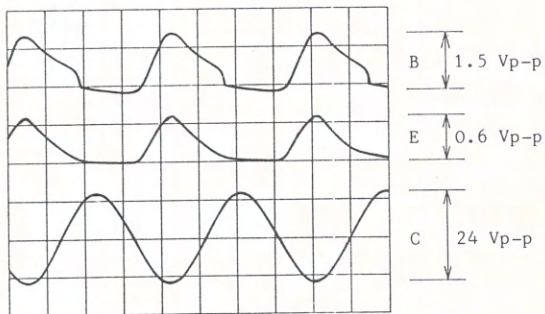
38



39



40 41 42



43

