

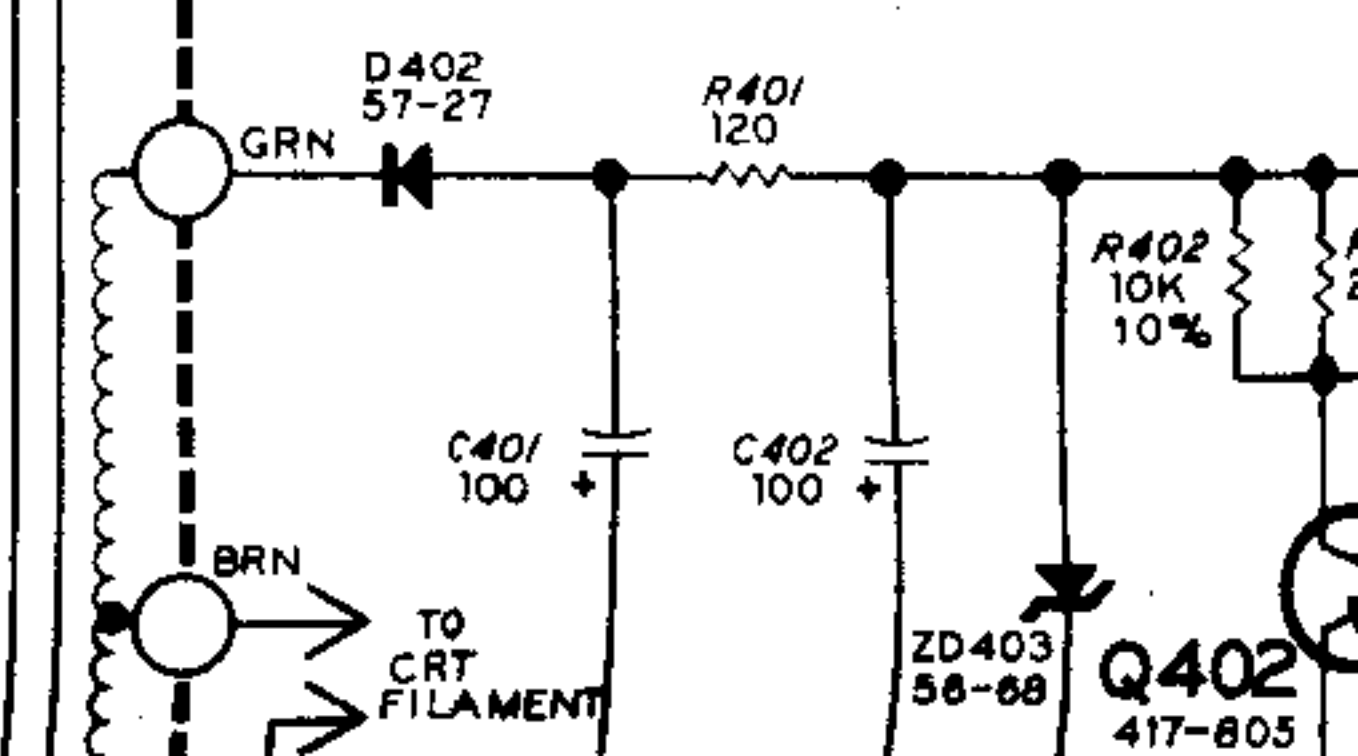
NOTES:

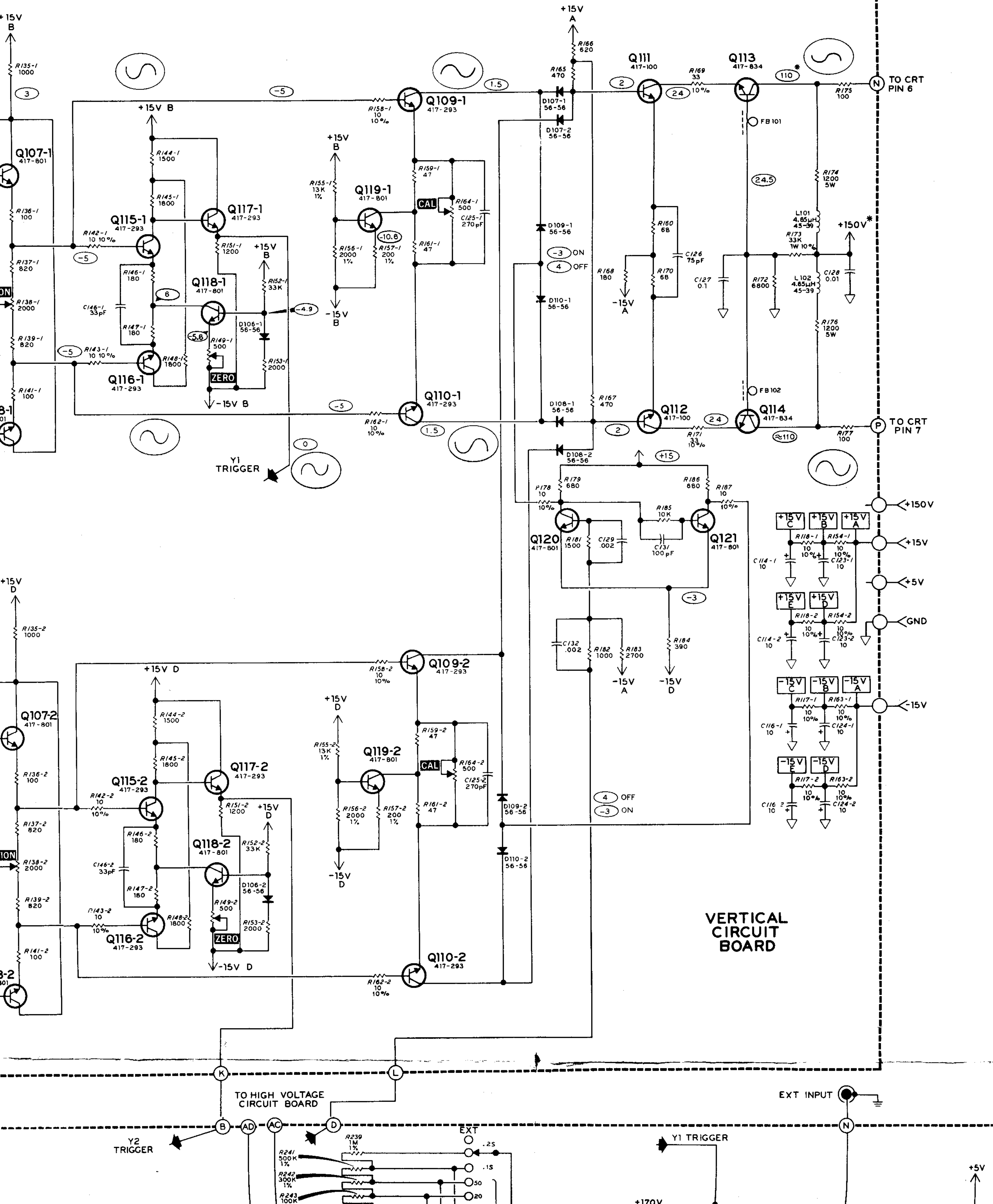
1. ALL CAPACITOR VALUES ARE IN μF UNLESS OTHERWISE SPECIFIED.
2. ON THE VERTICAL CIRCUIT BOARD, THE WATTAGE VALUES OF 1/8-WATT AND 1/4-WATT RESISTORS ARE NOT MARKED. ALL OTHER RESISTORS ARE 1/2 WATT, 5% UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1000; M=1,000,000).
3.  INDICATES A LETTERED WIRE CONNECTION ON A CIRCUIT BOARD.
4.  INDICATES CHASSIS GROUND.
5.  INDICATES CIRCUIT BOARD GROUND.
6.  INDICATES A PART MOUNTED ON THE CHASSIS, ALTHOUGH ITS LOCATION IN THE SCHEMATIC SUGGESTS ANOTHER LOCATION.
7. CIRCUIT COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
 - 1 - 99 PARTS ON CHASSIS.
 - 100 - 199 PARTS ON THE VERTICAL CIRCUIT BOARD.
 - 200 - 299 PARTS ON THE HORIZONTAL CIRCUIT BOARD.
 - 300 - 399 PARTS ON THE LOW VOLTAGE CIRCUIT BOARD.
 - 400 - 499 PARTS ON THE HIGH VOLTAGE CIRCUIT BOARD.
8.  INDICATES A DC VOLTAGE MEASURED FROM THE POINT INDICATED TO GROUND WITH THE VERTICAL AMPLIFIERS BALANCED, THE TIME/CM SWITCH IN THE EXT POSITION, AND THE HORIZONTAL POSITION CONTROL CENTERED. VOLTAGE MAY VARY $\pm 20\%$
9. TRANSISTOR TRANSISTOR LOGIC (TTL) LEVELS ARE AS FOLLOWS: A LOGIC 0, OR LOW, IS < 0.8 VOLTS. A LOGIC 1, OR HIGH, IS > 2.0 VOLTS BUT < 5.5 VOLTS.
10.  THIS SYMBOL INDICATES A LINE THAT CONTINUES. TO FIND THE CONTINUED PORTION, LAY A STRAIGHT EDGE ON THE LINE THAT THE SYMBOL IS ON.
11. CRT UNBLANKED - DEPENDS ON POSITION OF INTENSITY CONTROL.
12. CRT BLANKED.
13. ONLY IN DUAL TRACE CHOPPED MODE DURING SWEEP OR EXT-X DUAL TRACE OPERATION.
14. UNIT NOT SWEEPING. SPOT CENTERED HORIZONTALLY.

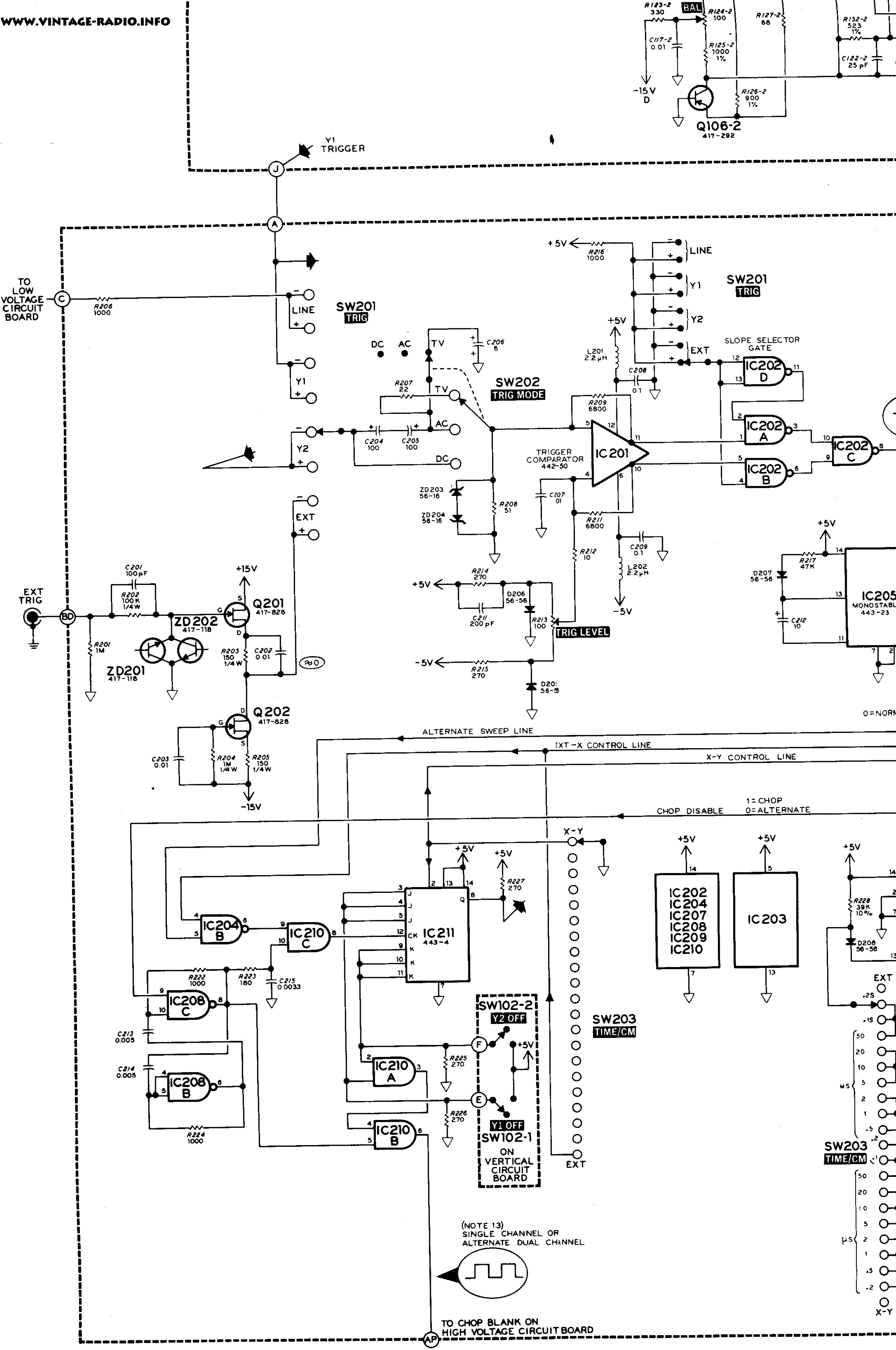
* DEPENDS ON LINE VOLTAGE.
HO = HOLD OFF (INCLUDES RETRACE).

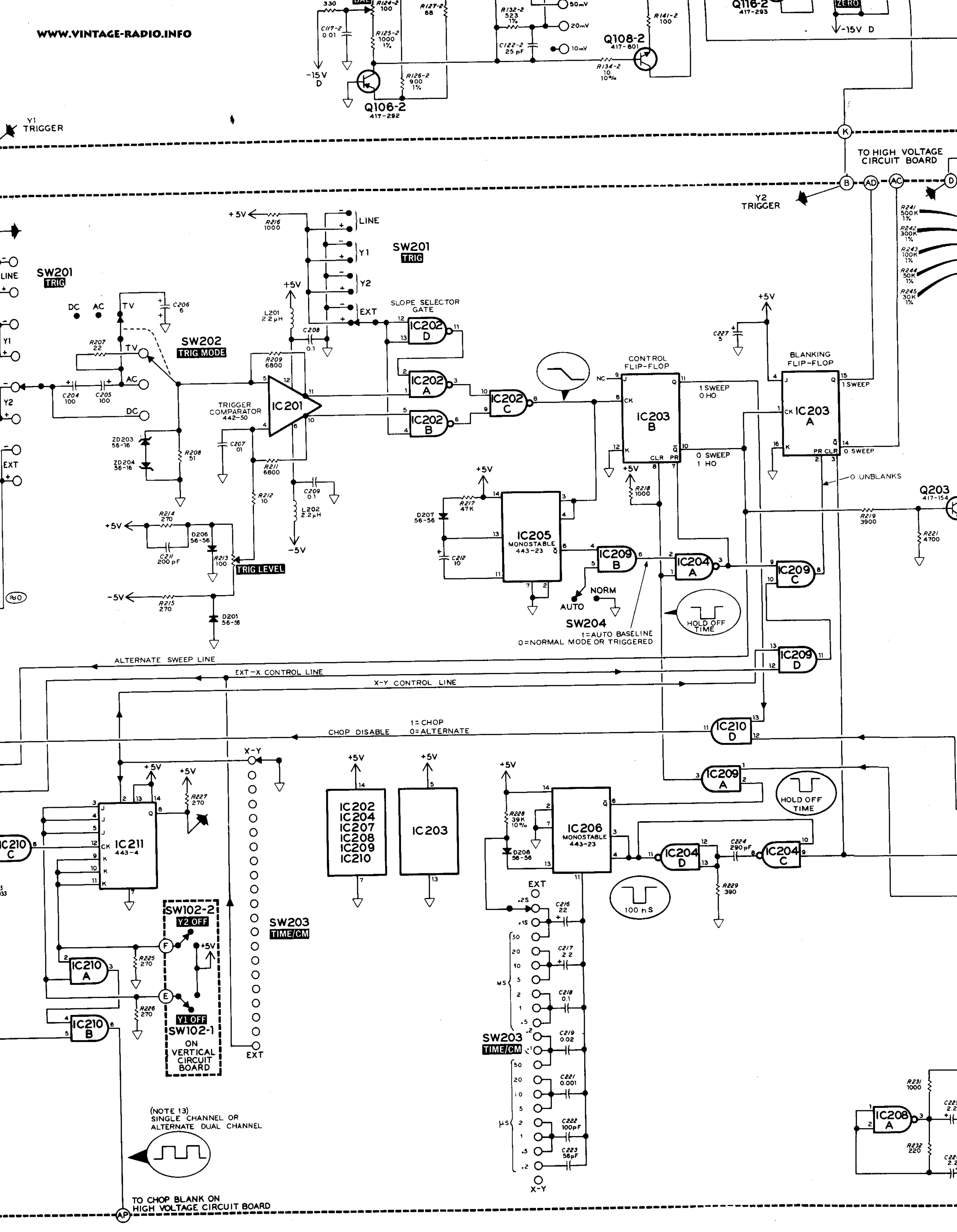
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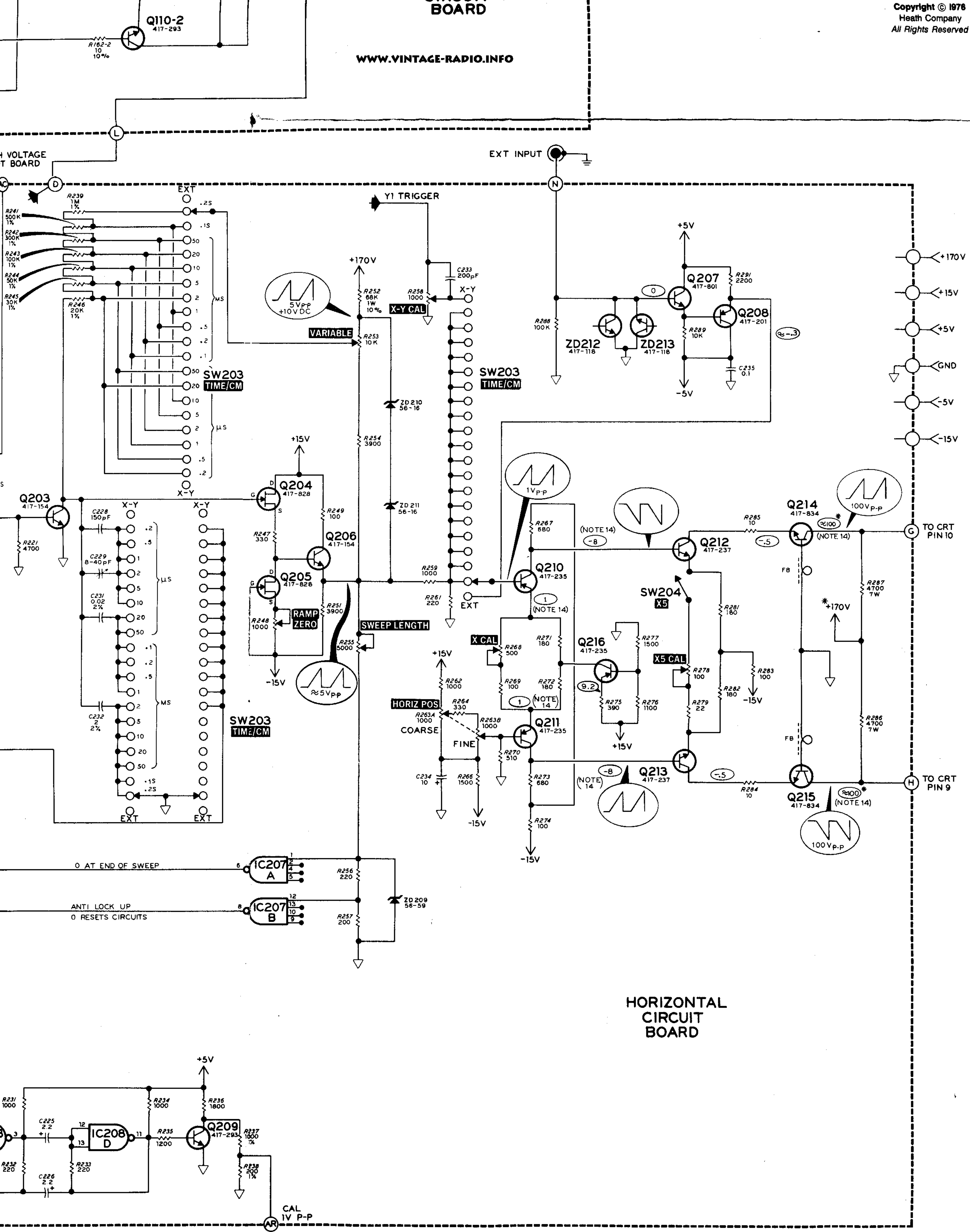
HIGH VOLTAGE CIRCUIT BOARD











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