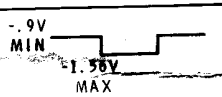


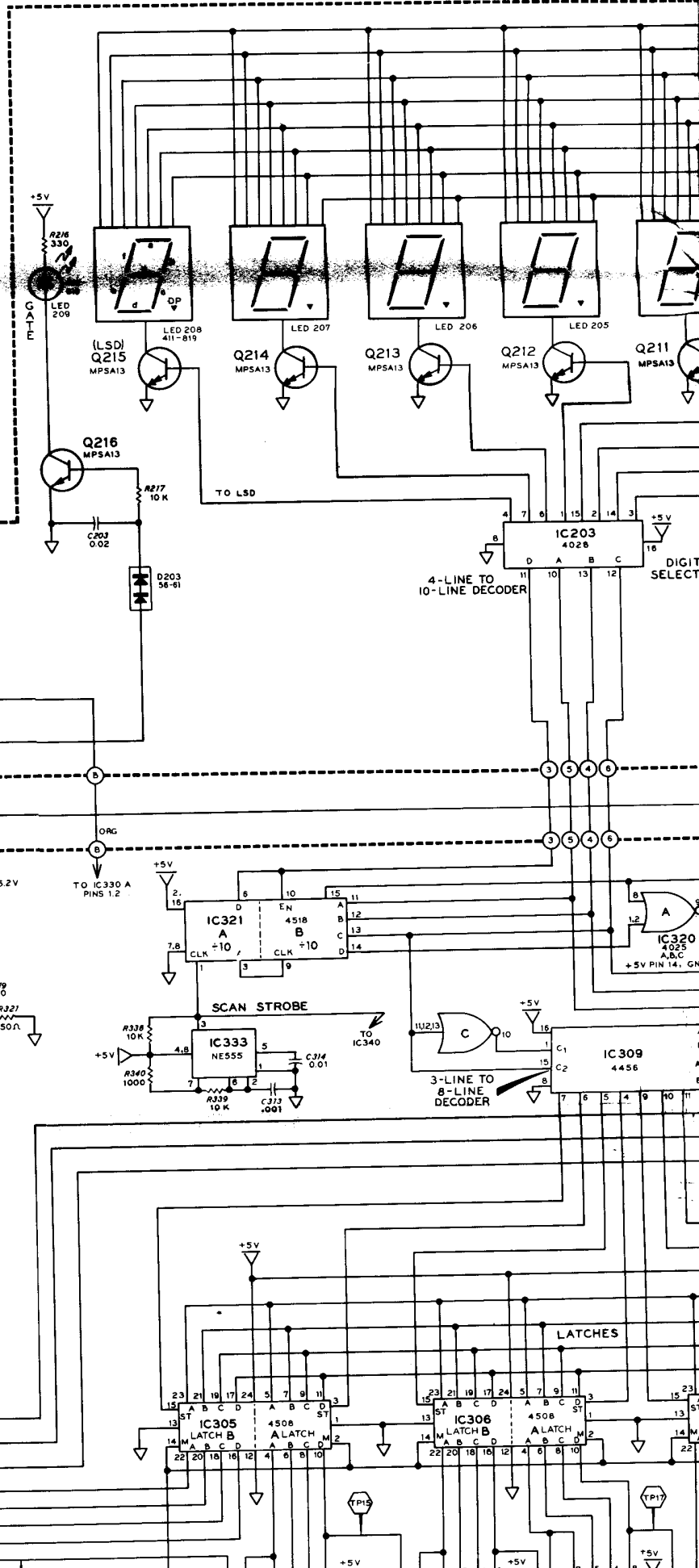
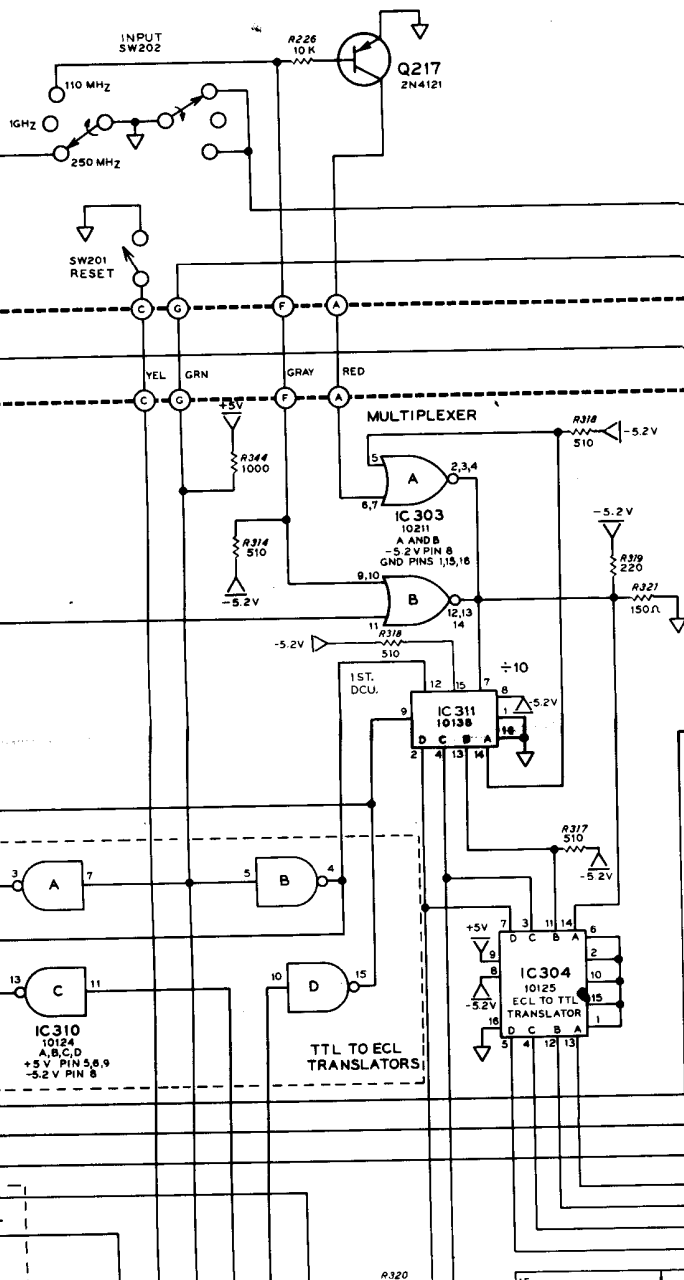
2

LEVELS

ECL



AND MAXIMUM LEVELS
TING THE CIRCUITRY.



CONTROL

IC324

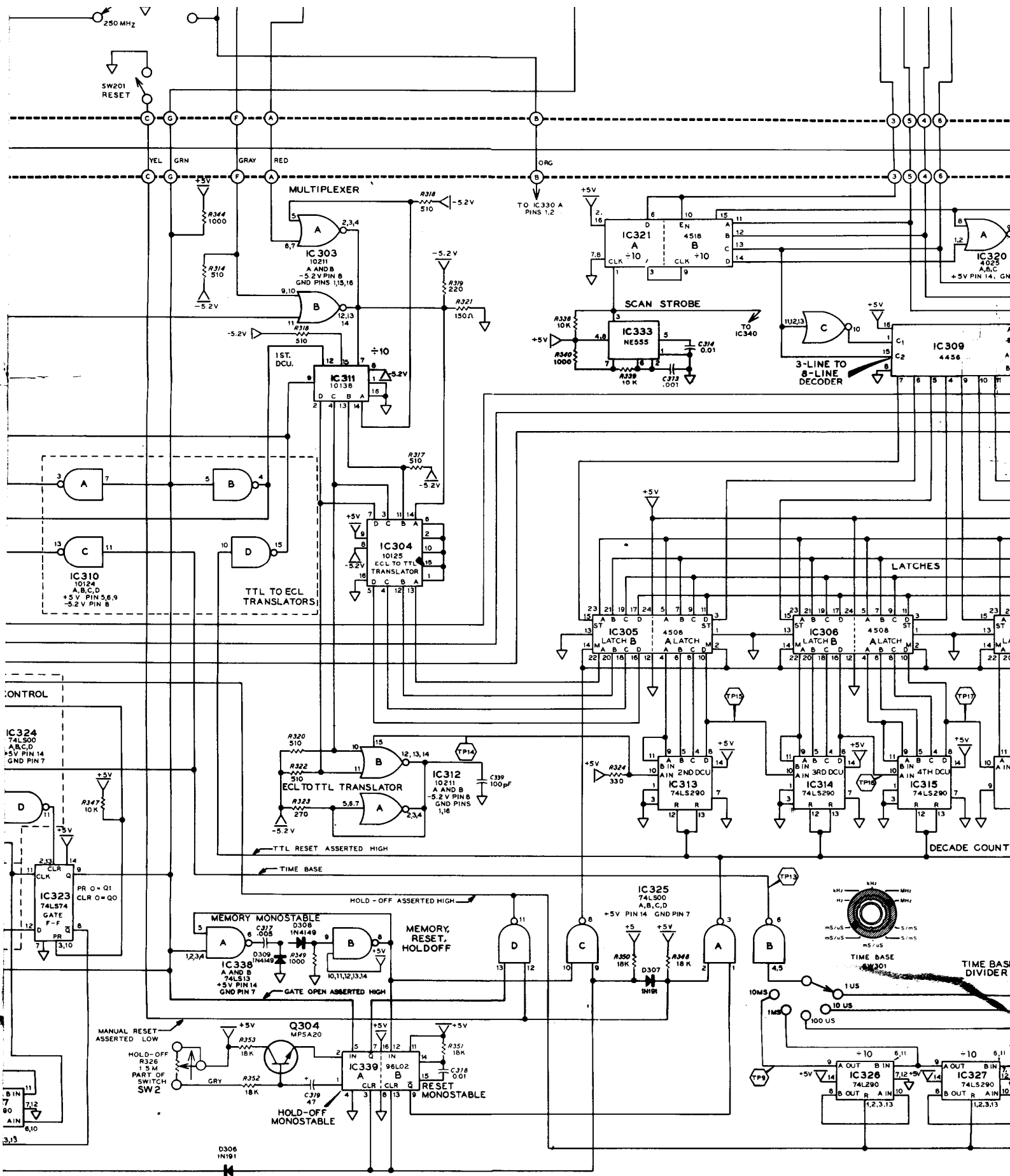
R320 510

15

+5V

+5V

+5V





SCHEMATIC OF THE HEATHKIT® MODEL IM-4130 / SM-4130 FREQUENCY/PERIOD METER


NOTES:

1. COMPONENTS ARE NUMBERED IN THE FOLLOWING GROUPS:

- 1- 99 MOUNTED ON CHASSIS.
- 101-199 MOUNTED ON INPUT CIRCUIT BOARD.
- 201-299 MOUNTED ON DISPLAY CIRCUIT BOARD.
- 301-399 MOUNTED ON MAIN CIRCUIT BOARD.

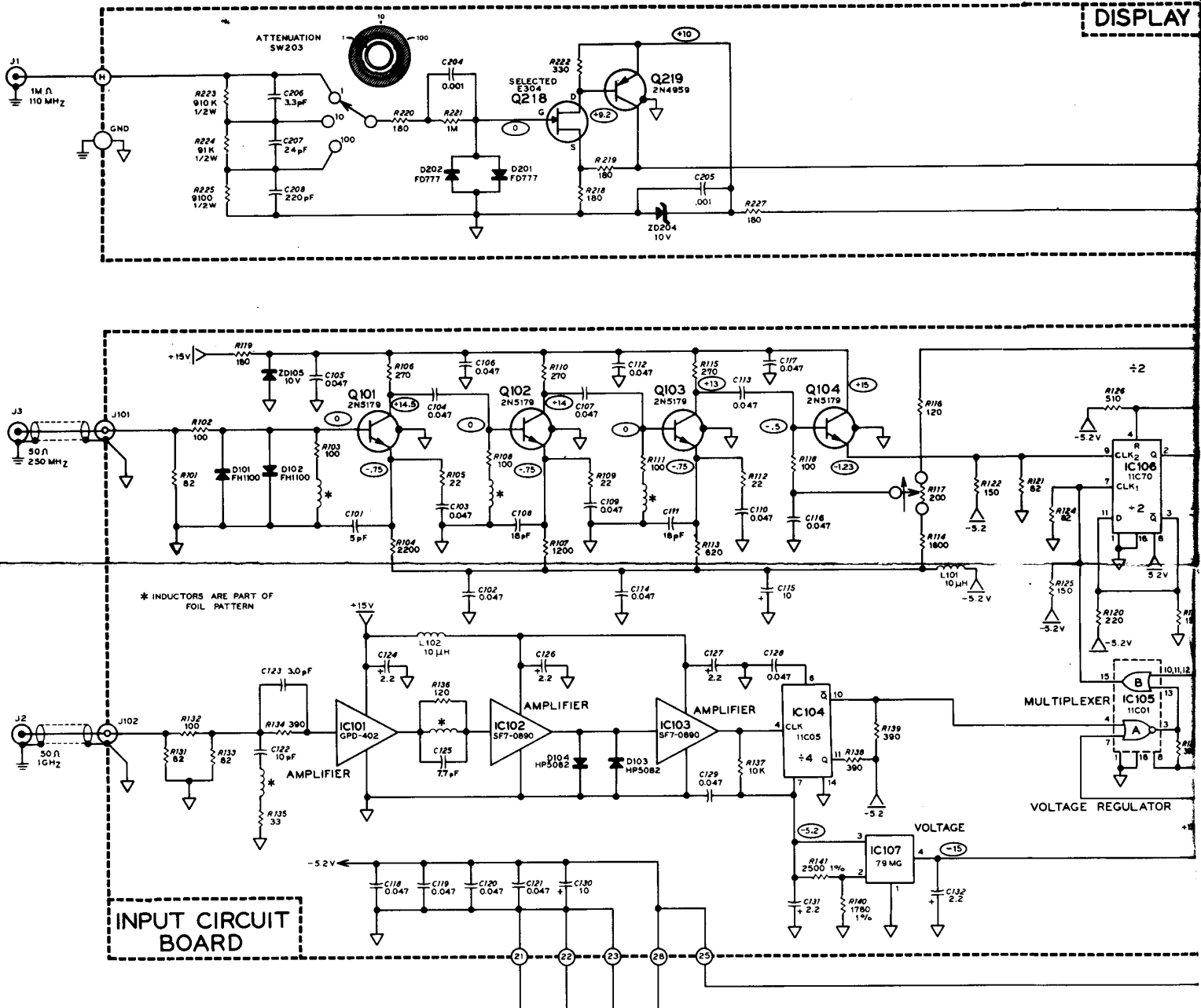
3.  THIS SYMBOL INDICATES CHASSIS GROUND.

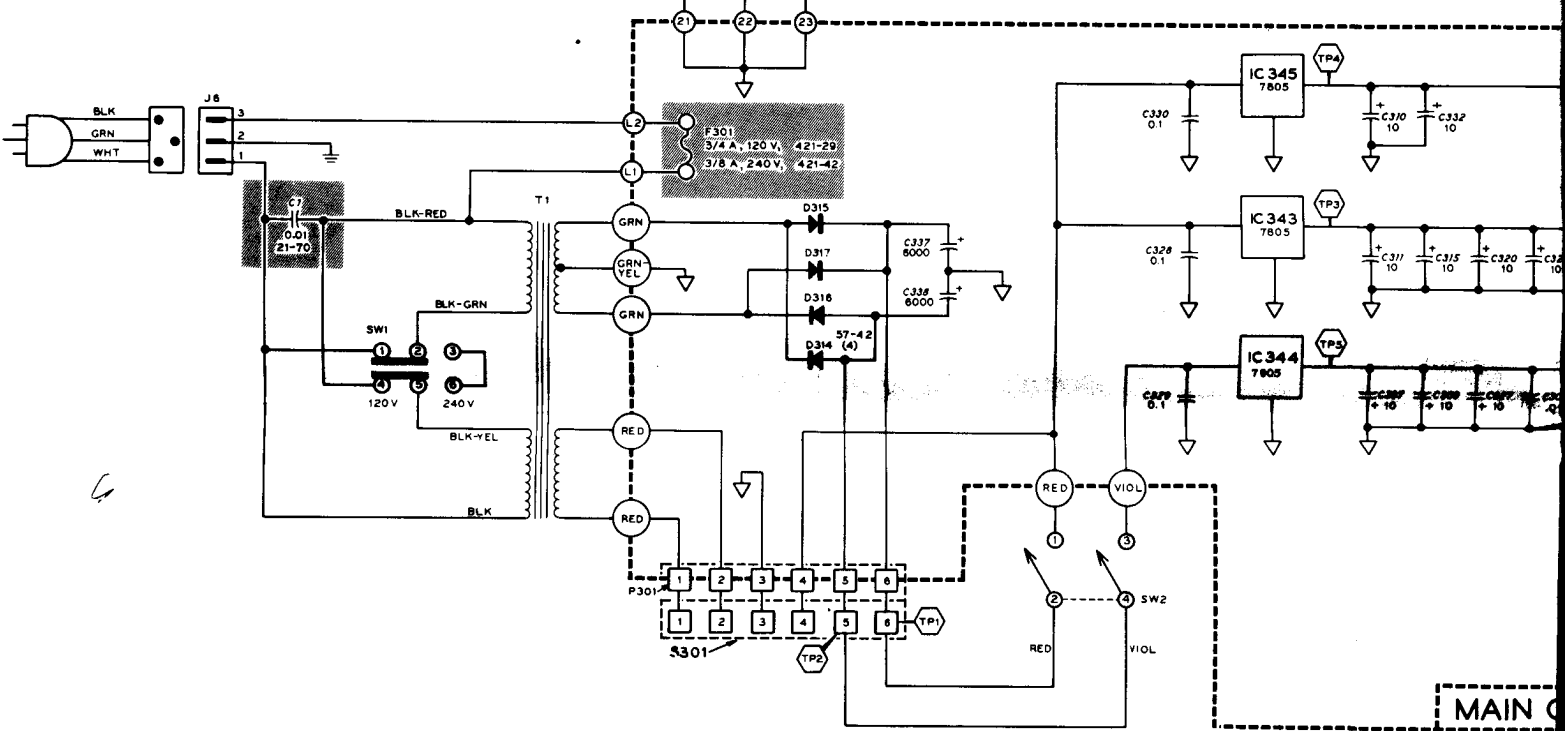
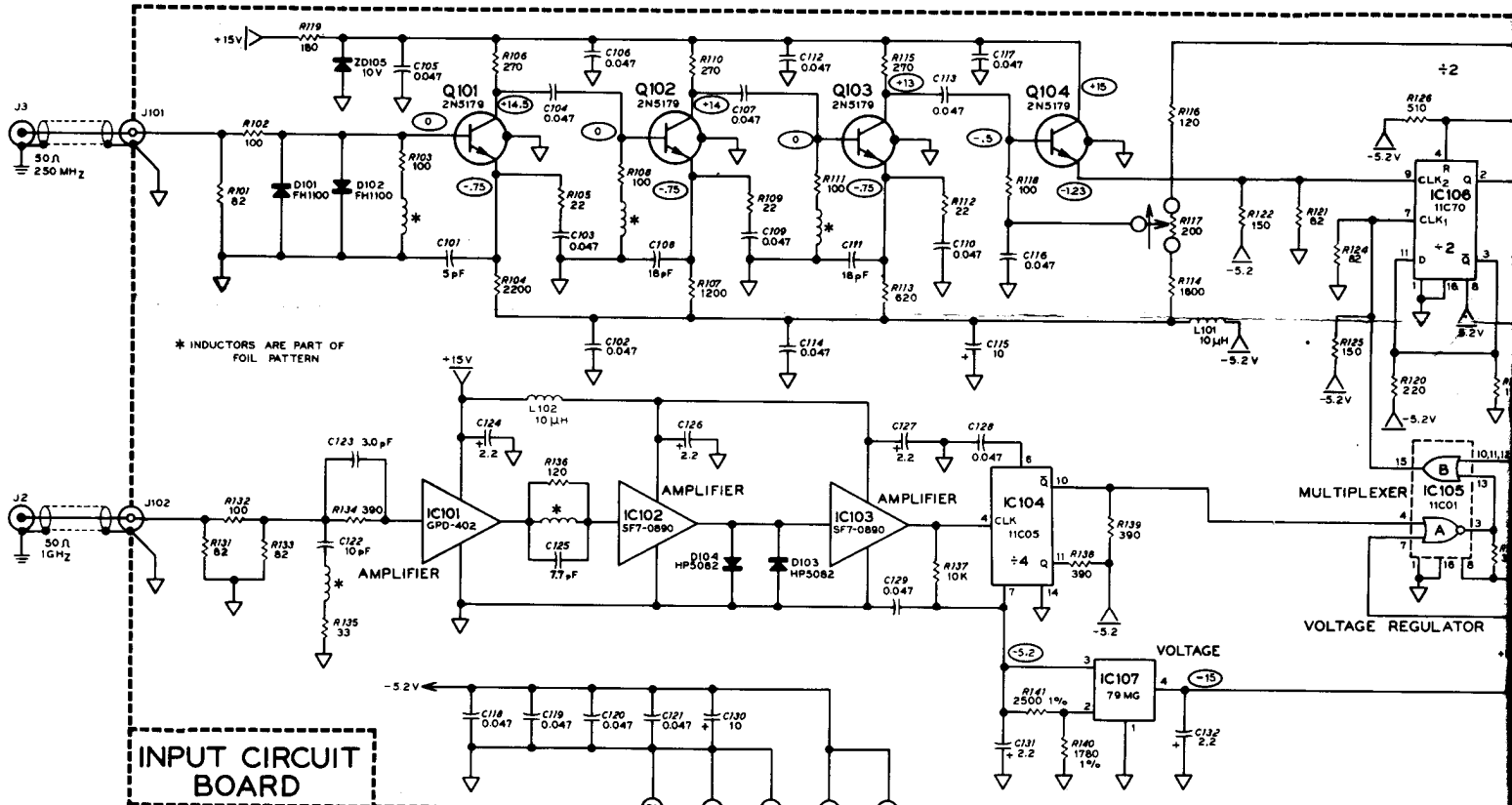
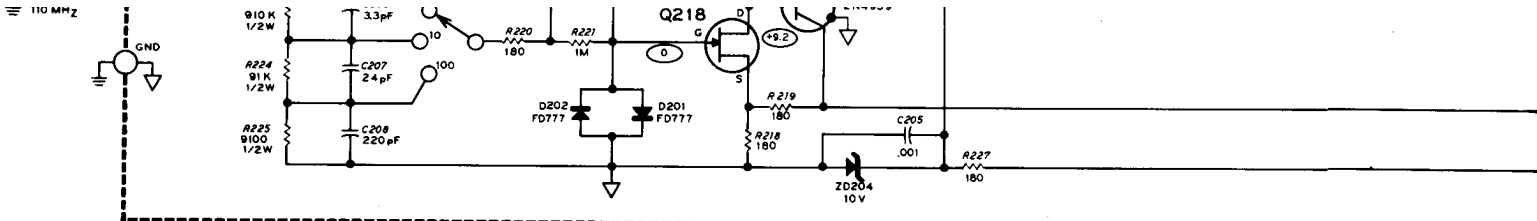
4.  THIS SYMBOL WITH A LETTER INDICATES A CIRCUIT BOARD WIRE CONNECTION. THIS SYMBOL WITH A NUMBER INDICATES A CIRCUIT BOARD-TO-CIRCUIT BOARD "F-PIN" CONNECTION.




5.  THIS SYMBOL INDICATES A DC VOLTAGE MEASUREMENT TAKEN WITH A HIGH-IMPEDANCE INPUT VOLTMETER FROM THE POINT INDICATED TO CIRCUIT GROUND.

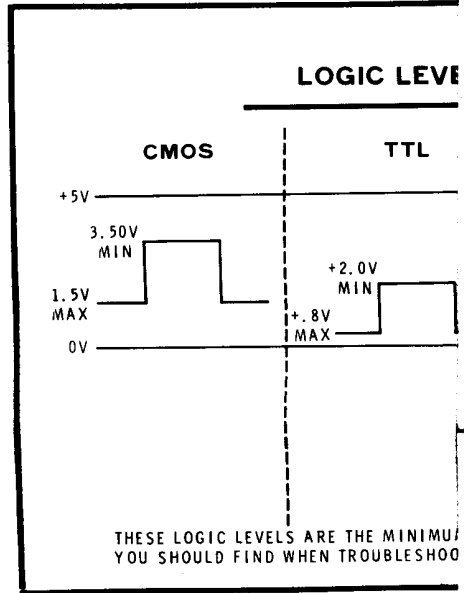
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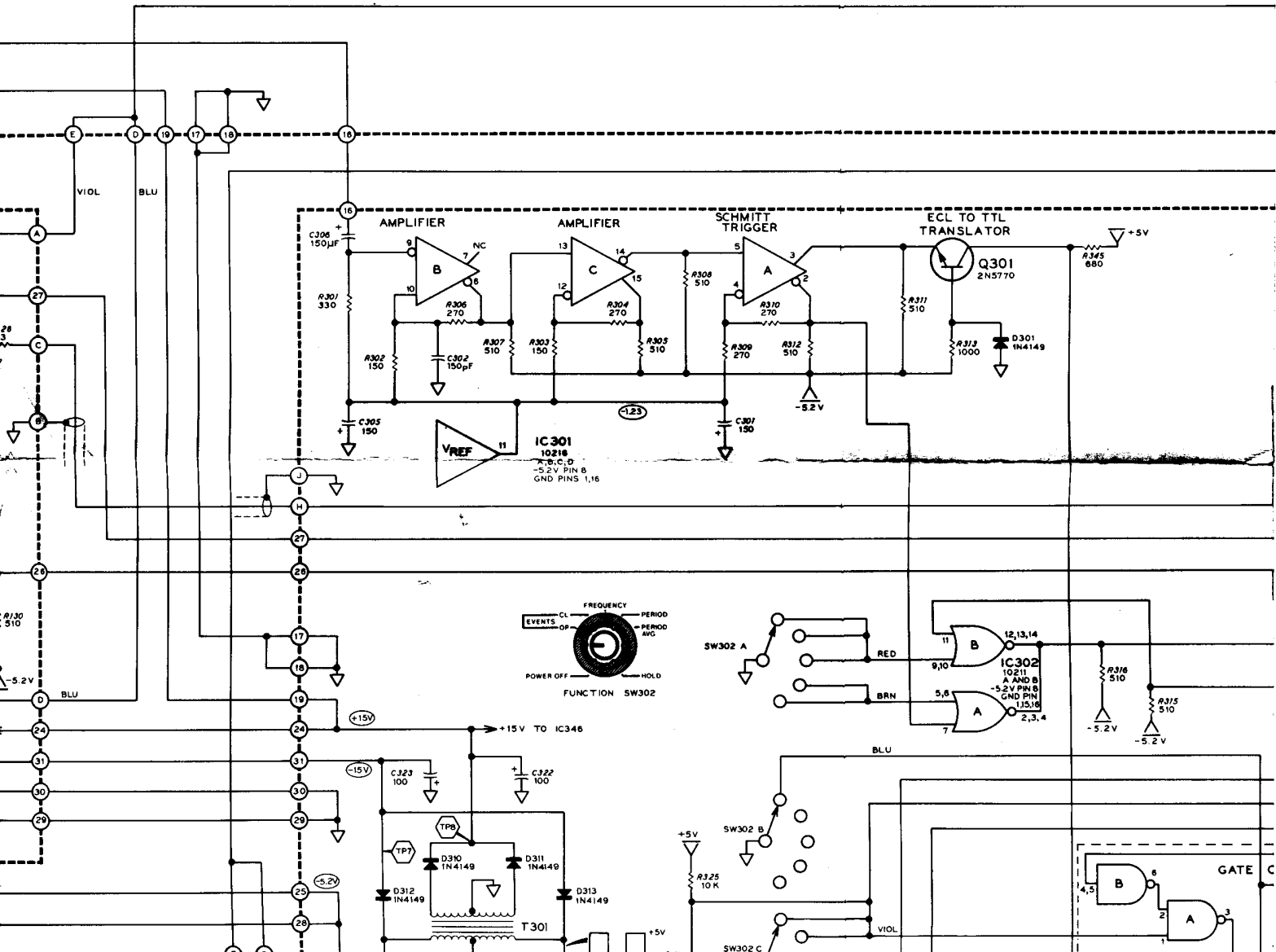


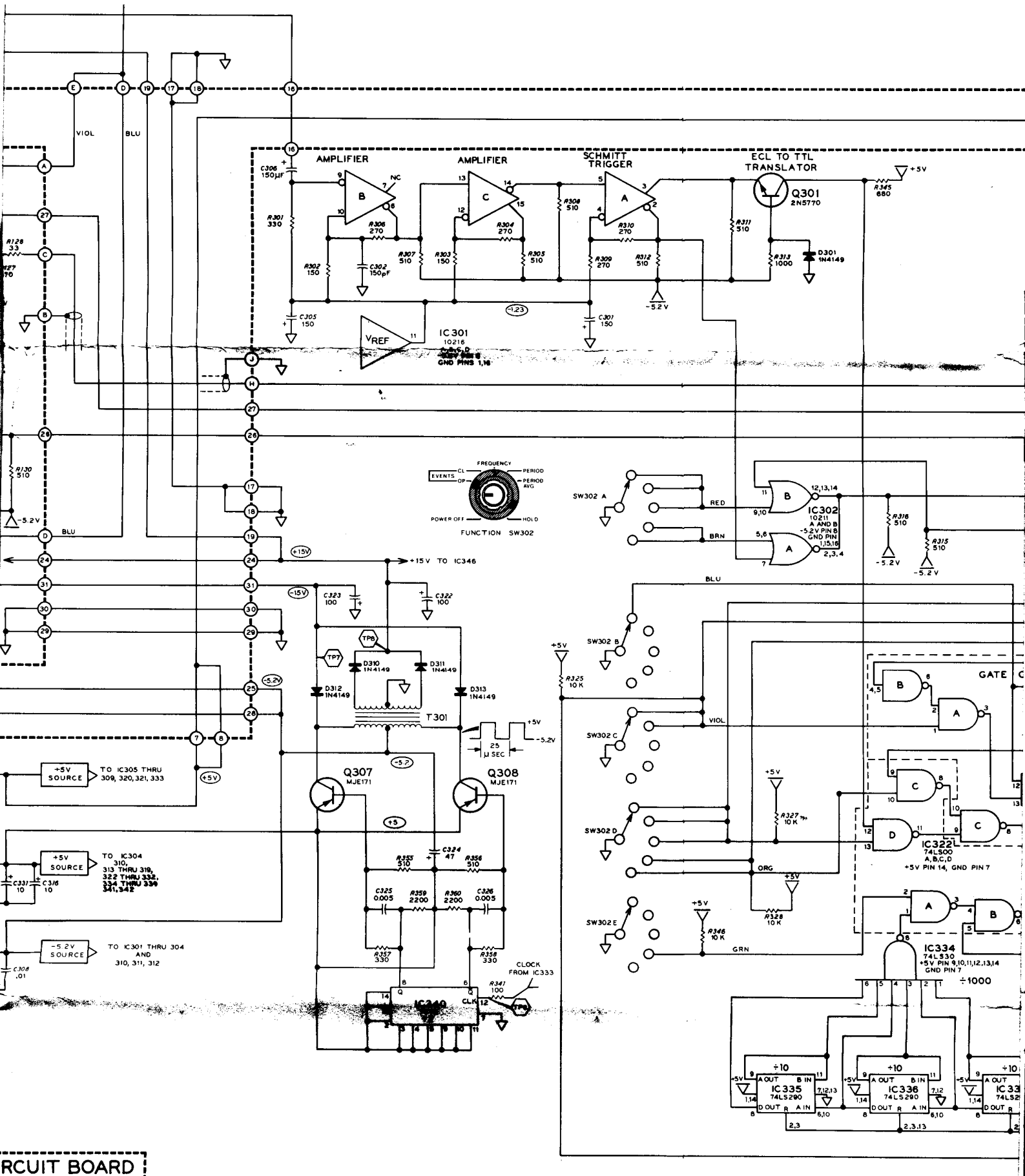


6.  THIS SYMBOL INDICATES A CONNECTION TO A VOLTAGE SOURCE.
7.  THIS SYMBOL INDICATES A TEST POINT.
8.  ARROW INDICATES CLOCKWISE ROTATION.
9. ALL RESISTORS ARE 1/4-WATT, 5% UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1000, M=1,000,000).
10. CAPACITORS ARE IN μ F (MICROFARADS) UNLESS MARKED OTHERWISE.
11. PARTS IN SHADED AREAS ARE CRITICAL FOR CONTINUED SAFETY. REPLACE THEM ONLY WITH PARTS OF THE SAME RATING OR WITH THE PROPER HEATH PARTS.
12. IC PINS NOT SHOWN, ARE NOT CONNECTED IN THE CIRCUITS.



CIRCUIT BOARD





CIRCUIT BOARD