

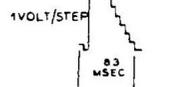
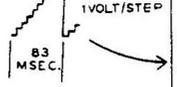
**SCHEMATIC OF THE
HEATHKIT®
SEMICONDUCTOR CURVE TRACER
MODEL IT-3121**

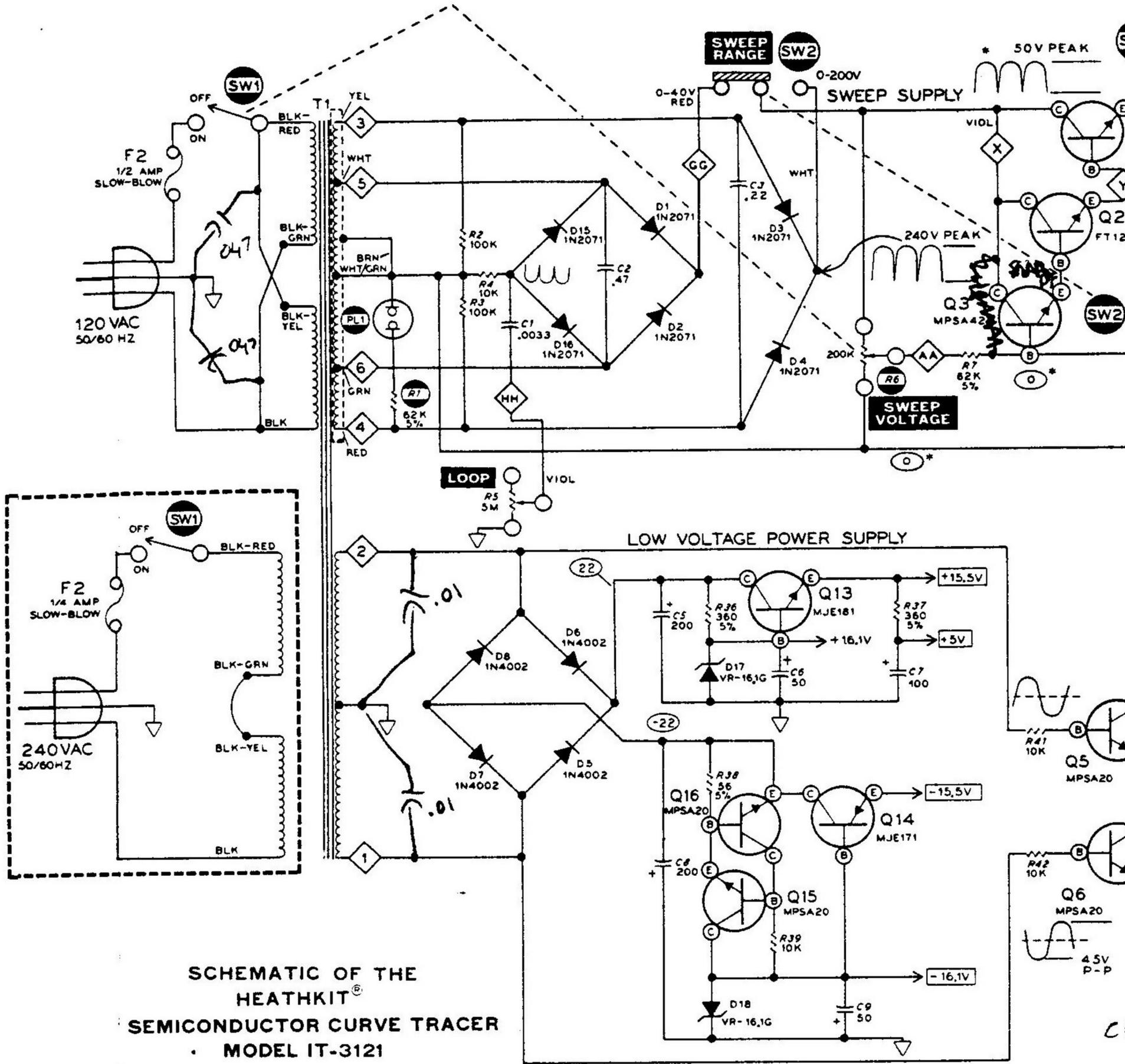
NOTES:

- ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE MARKED. RESISTOR VALUES ARE IN OHMS (K=1,000 M=1,000,000).
- ALL CAPACITOR VALUES ARE IN μ F UNLESS MARKED pF.
- REFER TO THE "CHASSIS PHOTOGRAPH" AND "CIRCUIT BOARD X-RAY VIEWS" FOR THE PHYSICAL LOCATION OF PARTS.
- ▽ THIS SYMBOL INDICATES GROUND.
- ◇ THIS SYMBOL INDICATES A LETTERED OR NUMBERED CIRCUIT BOARD CONNECTION.
- THIS SYMBOL INDICATES A PART NOT MOUNTED ON THE CIRCUIT BOARD.
- THIS SYMBOL INDICATES A DC VOLTAGE TAKEN FROM THE POINT INDICATED TO CIRCUIT BOARD GROUND WITH A HIGH INPUT IMPEDANCE VOLTMETER.
- * THESE WAVEFORMS AND VOLTAGES WERE TAKEN WITH THE CONTROLS IN THE FOLLOWING POSITIONS.

SWEEP VOLTAGE	FULLY COUNTERCLOCKWISE
SWEEP RANGE	0-40
POLARITY	NPN
VOLT - CURRENT	VOLTAGE
STEPS / FAMILY	FULLY CLOCKWISE
STEP RANGE	1 VOLT / STEP

*CHANGED TO
MPS A13*





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