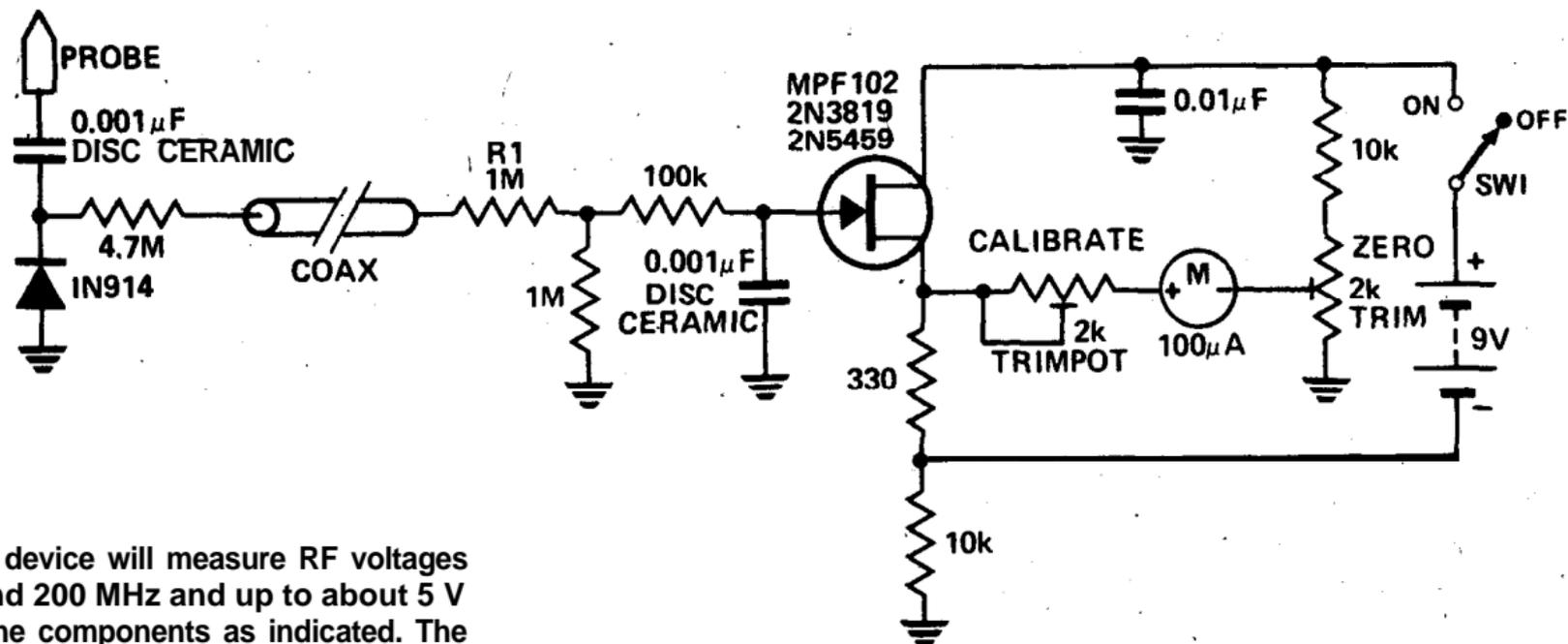


# SENSITIVE RF VOLTMETER



This device will measure RF voltages beyond 200 MHz and up to about 5 V with the components as indicated. The diode etc should be mounted in a remote probe, close to the probe tip. Sensitivity is excellent and voltages less than 1 V peak can be easily measured. The unit can be calibrated by connecting input to a known level

of RF voltage, such as a calibrated' signal generator and setting the calibrate control. The output indicates in RMS. As it is it reads about 2 V

RMS full scale. This can be increased to 20 V or more by increasing R1 to 20 M (two 10 M in series). The 100 μA meter could be a multimeter if desired.