

# **INSTRUKIT: COMPUTER-INTERFACED MULTIMETER**

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## **ABSTRACT**

In this project, a computer-interfaced multimeter instrumentation kit was implemented using discrete components. In the fabrication process, the circuit was divided into distinct modules with each module implemented separately. These modules include typical multimeter applications such as the measurement of voltage, resistance and current. In addition, a thermometer module was included in the overall design. These modules were then integrated using a controller circuit.

The instrumentation kit was interfaced to a computer via a 25DB standard parallel port and control was facilitated using a program written in the C language.