ABSTRACT

TOPIC: DIGITAL THERMOMETER USING LM35

Thermometers are widely used to measure temperature of human body and it is a commonly used device nowadays. This project involves a simple working of digital thermometer by using LM35 sensor. Future work of this project involves advancing by including sensors like DHT11/22 which gives humidity values which can be used in agricultural automations like measuring soil moisture, humidity, etc.,

The project is implemented using atmega328p microcontroller which is a single-chip microcontroller created by Atmel in the mega AVR . It has a modified Harvard architecture 8-bit RISC processor core.