

MICRO CONTROLLER BASED THERMOMETER

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ABSTRACT

The objective for this project are to conduct research and build a product using micro controller and temperature sensor to perform the function of displaying temperature or just as a thermometer.

In this report, first the basic information, advantage and significant of using such product will be discussed in the introduction part of the report. Then there will be explanation and discussion on the operation of the circuit, and analysis on each part especially the temperature measurement and micro controller. Other than that the instruction set involved in the micro controller programming will also be covered.