

### Simple 3 Digit Temperature Meter Using PIC Microcontroller

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## Simple 3 Digit Temperature Meter

This project is a simple temperature meter using LM35 analog sensor connected to PIC microcontroller PIC16F676. The temperature is displayed on 3 digit 7-segment display. Project code is written in C language for CSS compiler for PIC. Here are few things that you can expect to learn from this project:

1. Using Analog port of PIC Microcontroller
2. Interfacing LM35 temperature sensor
3. Interfacing 7-segment display
4. Multiplexing multiple 7-segment display

Simple yet so much to learn in this project. If you are a starting to learn microcontrollers then this is your project. The download package also includes a proteus simulation so you can modify and test this code before building the actual hardware.

I want to thank [Rakesh Suthar](#) for submitting this project. I hope to see more learning oriented project from him.

Download Package Content:

- » main.c : Project C code
- » main.hex : Hex file
- » schematic.PDF : Schematic file
- » lm35-temp-meter.pdsprj : Proteus simulation Project file

If you have any questions or queries on this project feel free to ask in forum.

Download Here: [Simple 3 Digit Temperature Meter](#)