

PROJECT TITLE

"DIGITAL THERMOMETER"

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ABSTRACT

Digital thermometer is often necessary to measure the temperature of liquids or heat conditional in an oven. This digital thermometer using 4 segment display like for output where is quite accurate for temperature from -40 to $+100$.

Body of this project ,making by sheet metal gauge aluminum or black plastic box and its body have on/off switch and hole for ic heat for any alteration of heat for vicinity. The all reading very exactly some for manual thermometer when to differ its orders. When the measure some temperature , sensor take some minutes to detect correct temperature where surrounding temperature between 25 degree.

ACKNOWLEDGMENTS

With the name of ALLAH S.W.T the most gracious and merciful. Thankful to the all mighty ALLAH S.W.T for giving us the permission to go through and finally finish this project with successfully. If there any person that we must give our deepest sense of gratitude in completing this project, it would be our supervisor, En. Anuar for his never ending patience dealing with every single problem had by us and his generosity for sacrificing his precious time in order to give us guidance and advice. I would like to acknowledge the help of colleagues who offered for all project. But only this project(Digital Thermometer) very interesting we to do .And also for all member for both physical and moral support. Not to forget all of our friends whose has been so kind for giving us a helping hand once in a time.

And also for PN Tuan Shahirah to pass this project where many project not allowed to do because it same project .In addition ,the attention given by the following reviewer is much appreciated: Electronic Shop, Encik Zakaria ,Encik Rahim (lecture),staff Uitm pulau-pinang. Finally we would like to show our gratitude once again to all who had been involve in making this project a success by saying thank you very much to all of you from the bottom of my heart and may god bless in you.

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APPLICATIONS

Nowadays, most of electrical equipments product used digital concept compare to analog. We give as result 'digital thermometer' to detect temperature changing at any instrument between -40C to 100C. Digital thermometer very sensitive at temperature and it so suitable use to know of any instrument. We use this instrument to measure liquid temperature or the heat condition on the oven. In this situation, reading from display will always give reading and we can know temperature at the moment. From the result, on circuit 'Digital Thermometer' we have get make temperature value changing that we want. Otherwise, Digital Thermometer so applicable to resolve firmly temperature reading at oven.

□ FUTURE PLANNING

From changing flow nowadays, the true is electronics equipment are most used. Periviously, most equipment created by using analog concept but know, the instruments so modern with using digital concept. We created that is 'Digital Thermometer'. This gadget so appropriate use anywhere to measure temperature changing. For future, this gadget should be disseminate to all places for people. This equipment exactly suitable used everywhere whether for measure hot temperature or cold temperature. Otherwise, this instrument cheap and able to bought for somebody and not burdensome them.