

# BEDSIDE LAMP TIMER

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## ABSTRACT

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My project is to design a 'Bedside Lamp Timer'. An ordinary bedside lamp is only used for lighting purpose for daily life used. However in our daily life sometime we need advance features for some special conditions. This is why human technology keeps improving. Bedside lamp timer is simple to build from a handful of inexpensive components, it lets you determine how long the bedside light remains on after you have said goodnight and actuated the timer. It's also useful when reading at bed by night, turning off the bedside lamp automatically in case the reader falls asleep.

After reading this final project report, the reader should be able to understand more deeply about this bedside lamp timer. This project report is mainly concerned with the prototype and the construction procedure of this project.

At first part, whole list of basic diagrams are provided for reader a basic view and understanding about this project. This includes circuit diagram, PCB Layout Diagram and views of my product.

Next part, Introduction is an overview of this Bedside Lamp Timer and provides reader a brief idea about it. This part will explain the idea of this circuit in more details. Furthermore, the schedules of completing this project also shown.

The continue part is concerned all the procedure of the construction, analysis and outcome of this project with clear and details of information data sheets also provided as well so that the reader is able comprehend the specification of semiconductors available in my project at appendices part. Lastly, conclusion will also include recommendations for this project.