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FINAL REPORT OF DIPLOMA PROJECT

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DIGITAL SWITCHING SYSTEM

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ABSTRACT

The main features of this project are actually based on the needs of some peoples nowadays to figure out obstacles in daily life. This project offers the use of only three push-to-on switches to control any one out of 16 device.

Digital Switching System used simple electronic devices such as integrated circuit, relay, transistor, resistor and etc. the function of the circuit will be explained detail in this project. This circuit needs to connect to load, which can be any electric devices such as lamp, radio, rice cooker and etc.

The circuit comprises three switches that are used to switch on the electrical equipment in up, down sequence and reset mode.


TANIZA BINTI TAJUDDIN 27/4/2020



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"DIGITAL SWITCHING SYSTEM" on the given time although we have some problem to complete it of successfully.

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1.0 INTRODUCTION.

This project book has been organised to provide student and others with an introduction to many important of project workout. It has been organised into part.

The first part,

' System Design Consideration ', cover important thing that need to be concern on while designing the projects. Here we discuss about physical and Devices Consideration of the project so as to full fill the specification.

Second part ' Circuit Description ' its includes the description consist of the specification sheets of certain ICs used. It is usefulness a reference of all component and their characteristic that a project designer has to look for.

Third part, ' full simulation operation of circuit maker '. This part is so important because we want to know the simulation result of the circuit at particular selected point. Fourth part, ' work plant or features '. This section will be our plan for this semester progress. So as implement the circuit on PCB board.

