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FINAL REPORT OF DIPLOMA PROJECT

FACULTY OF ELECTRICAL ENGINEERING



MAGIC LIGHT

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ABSTRACT

This project entitled magic light. It functions to decorative light. Different dancing colour pattern are produced by using this circuit since LED can produced different colours. The most useful of this project is to change the night ambience to be looking more interesting with colorful light especially at the expo. party and night club. The advantage of this project is used less power than other lamp. Therefore, the cost of electricity will decrease.

ACKNOWLEDGEMENT

Alhamdulillah, really thankful to the Allah the Almighty god, because with his bless we have successfully completed our PROJECT 2 (KEU 380) called MAGIC LIGHTS. In the process of completing this project 2 (KEU 380), we had faced a lot of problems from the beginning until the time we had manage to finish this project as now it is ready to be present this project to the panel committee and send our report to our supervisor.

Herewith, we also like to thank our supervisor, Cik Jamilah Bt. Karim for guilding and instructing us in how to work out this project and report as it can be done in the proper way. Without her help, we can't solve our problems and for sure our project will not complete and perfect.

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1. Abstract

II . Acknowledgement

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INTRODUCTION

This is a magic light project that be used with alternative in making the interesting situations that run using 3 to 15V battery only. Actually this project we produce to use at night club, expo, and some part along the road...

The main character in the system is the ICs number CD 4518 and 4511 as BCD 7 Segment .Besides, we use LED as out put . the project can decorative light. To get the light, we use LED red and green to make sure it is interesting and magic .