

UNIVERSITI TEKNOLOGI MARA  
KAMPUS BUKIT MERTAJAM  
MAC 2002

FINAL REPORT OF DIPLOMA PROJECT

FACULTY OF ELECTRICAL ENGINEERING



FESTIVAL LIGHT FLASHER

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## ABSTRACT

The simple project ' Festival Light Flasher ' is valuable, acceptable and interesting for an event use, despite it can also be use daily. There are present in a straight forward fixed pattern for three sets of light. However this is not your usual 1 – 2 – 3 chasing pattern. This circuit has variation steps of lights where it has six steps chasing pattern 1 – 1+2 – 2 – 2+3 – 3 – 3+1 and then repeated. If the three sets of lights are mixed for example on the tree or hanging on the wall, it is not easy to see the pattern. The circuit uses 9 volts input voltage . The main features of this project are based on needs of decoration fields. It is suitable for celebration such as Hari Raya or Christmas.

## ACKNOWLEDGE

First of all with the name of Allah SWT the most gracious and merciful and our prophet Muhammad SAW. Thanks to Allah SWT for giving me opportunity to complete this project successfully. I would like to express my deep sense of gratitude and appreciation to my project advisor Miss Wan Salha Saidon, for the consistent help and guidance as well as provision of their valuable time, encourage and patient during the period to complete this project. I also want to thanks to every single man, which were willing to help us in contributing their idea. I will never forget for everything what they have done to me, only Allah could pay back their kindness and will appreciate it till the rest or my life. Finally, This expression also goes to all of my friends and my parents who always give courage and support to me. The experience that we gained during finishing this project will help me to face the real challenge and competition in working field.

## OBJECTIVES

- Learn to analysis the project / problem
- As one of enquiry for KEU 380
- Learn to uses circuit marker
- Learn about the component in electronic field
- Able to suggest a suitable problem