FACULTY OF ELECTRICAL ENGINEERING

UNIVERSITI TEKNOLOGI MARA

PULAU PINANG

FINAL REPORT:

DAYLIGHT SENSOR SWITCH USING LIGHT SENSOR CONROLLED BY LM7809 IC

MUHAMMAD FAIZ BIN ABDUL RAHIM

MUHAMMAD NAQIB BIN MAD SIAM

SUPERVISOR:

MDM. NORHASNELLY ANUAR

This report is submitted to the Faculty of Electrical Engineering,

Universiti Teknologi MARA (UiTM).

In partial fulfillment of the requirement for the award of Diploma in Electrical Engineering.

This report is approved by:

.....

NORHASNELLY ANUAR

(SUPERVISOR)

Date: .....

ABSTRACT

This project is mainly based on LDR that actuate based on light for switching purposes. There is a load connected at the end of the LDR-switch circuit where it controls 2 motor. The motors will be applied to a curtain to make an automated curtain that is controlled by the LDR.

ACKNOWLEDGEMENTS

First and foremost, I offer my sincerest gratitude to Allah SWT as completing this report. Not to mention other party as our supervisor for guiding us how to write this report and consulting on any problem arises on our projects. Let us not forget our parents for the massive support to finalize this report either financially or moral support to us. Lastly, I offer my regards and blessings to all my friends and all of those who supported me in any respect during the completion of the project.

TABLE OF CONTENTS