



CAR HEADLAMP FAULTY SENSOR

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TABLE OF CONTENTS

| | PAGES |
|--|--------------|
| ACKNOWLEDGEMENTS..... | iii |
| ABSTRACT..... | iv |
| LIST OF FIGURES..... | v |
| LIST OF TABLES..... | vii |
| LIST OF ABBREVIATIONS..... | viii |
| | |
| CHAPTER 1 INTRODUCTION | |
| 1.1 Background of Study..... | 1 |
| 1.2 Problem Statement..... | 1 |
| 1.3 Objectives of Research..... | 2 |
| 1.4 Scope of Study..... | 2 |
| 1.5 Project of Contribution..... | 2 |
| | |
| CHAPTER 2 MATERIALS AND METHODS | |
| 2.1 Methodology..... | 3 |
| 2.1.1 Design Flow Chart..... | 6 |
| 2.2 Experimental setup..... | 7 |
| 2.3 Equipment and Component..... | 8 |
| | |
| CHAPTER 3 CIRCUIT DESIGN AND OPERATIONS | |
| 3.1 Schematic Diagram..... | 14 |
| 3.2 Circuit Operations..... | 15 |

| | |
|----------------------------|----|
| 3.3 PCB Design..... | 17 |
| 3.3.1 PCB Fabrication..... | 21 |

CHAPTER 4 RESULT AND DISCUSSION

| | |
|--|----|
| 4.1 Software Simulation Result..... | 24 |
| 4.1.1 Proteus Software..... | 24 |
| 4.1.2 MikroC Programmer..... | 28 |
| 4.2 Hardware Implementation Result..... | 31 |
| 4.3 Circuit Testing and Troubleshooting..... | 34 |
| 4.4 Data Analysis and Discussions..... | 35 |

CHAPTER 5 CONCLUSION AND RECOMMENDATION

| | |
|-------------------------|----|
| 5.1 Conclusion..... | 37 |
| 5.2 Recommendation..... | 38 |

| | |
|------------------------|-----------|
| REFERENCES..... | 39 |
|------------------------|-----------|

APPENDICES

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ABSTRACT

Light is important when it's dark. That's why we need the light especially cars when use at night. Faulty headlamp car may cause serious accident. Accidents are usually caused by the driver that didn't notice about broken car headlamp. Traffic accidents are something that we frequently hear in news and rumors these days. Most of the accidents happen during night time or in dark places like in the tunnel. We did a little research that most of the cars that involve in accidents during night times are caused by faulty headlamp. Faulty headlamps are not that hard to detect actually but when you in the car driving, it's almost impossible to notice if the headlamp is fully function or not. Our project is to create a device called "car headlamp faulty sensor". This device detect broken or faulty headlamp. This device will be created to help the driver notice if the car headlamp if fully functional or not. In this project, we propose to build faulty car headlamp sensor that can detect the broken lamp of cars. To identify faulty car headlamp, we have the sensor that are placed in each of the car headlamps. When the car headlamp not functional, the sensor will produce the output on the meter in the car. For this project, we use the LED as the output. When there is faulty at the headlamp, the LED, LCD Display and buzzer will function to tell the driver that the headlamp is broken. Then, the driver should not driving the broken headlamp car for the safety.