



**FACULTY OF ELECTRICAL ENGINEERING
MARA UNIVERSITY OF TECHNOLOGY
PROJECT 2 KEU 380**

FINAL REPORT

**FOUR-IN-ONE BURGLAR ALARM WITH
EMERGENCY LIGHT AND SIREN**

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MAY ALLAH BLESS ALL OF US, AMIN.....*Wassalam.*

ABSTRACT

Now days, crimes happen without our expectation. House breaking is the most crime that we have to give attention to.

Thus, we need a gadget to keep us aware about this crime. For example, four in one burglar alarm with emergency light and siren, to trace and detect the house breaking crimes.

With this circuit, house owners can life their house without worrying about their house being broken. Furthermore, it can be switched ON and OFF easily.

1.0 INTRODUCTION

This report outlines the design of FOUR-IN-ONE BUGLAR ALARM WITH EMERGENCY LIGHT AND SIREN system that operate by implementing basic principle of IC 555 and IC 556 operations. The system was constructed with the combination of mechanical and electronic parts, for security project use the push button LDR Detect Light and relay.

Combining and outlining all the requirements as formalized by the Department Of Electrical Engineering, MARA University Of Technology,

Hereby we produce our simple with state of the art design, which we name as Four-in-one burglar alarm/

We are hoping that this project will fulfill all the desired requirements For our final year project and hope that it will also increases our knowledge in engineering.

This report will take us to the understanding of the whole system of our project design ensuring with the basic knowledge about this system.