ELECTRICAL ENGINEERING FACULTY OF MARA INSTITUTE OF TECHNOLOGY

FINAL REPORT FOR DIPLOMA PROJECT

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PROJECT TITLE : ELECTRONIC LUCKY NUMBER

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Abstract

Nowadays, many kind of technology in progress especially in electronic. One of the progress is the game . Game is akind of activity for filling a free time . Many kind of electronic game now been produced bacause of the demand from the consumer especially kids . The reason is to get easier with the game when playing it .

So , our Lucky Number is a type of device that can replaced any kind of game . Especially the game that use dice . The problem may occur when play with the dice . Such as , the dice have to throw to get a number when start playing while the dice is go somewhere that is far from the player and it is hard to see from a far distance. Then the other player has to pick up the dice from that distance to continue the game .

Our Lcky Number is to overcome this kind of problem , so any game that has to do with the dice can go on smoothly . Advantage of this Lucky Number is it can produced a random output from decimal display (0 to 9 , 0 to 6 and etc). While the dice is only have an output 1 to 6 only . So, the inventor of the game can expand their creatibility to produce a new game by using this Lucky Number.This Lucky Number can cost about RM 40. The price of this may look expensive , but may be if this things goes well for several years the price of this will go cheap.

Acknowledgements

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CONTENTS:

INTRODUCTION

Our project is known as Electronic Lucky Number. This is just only an idea circuit that we have to make it to reality.We think our project is for playing games because of the ouput in this project display random decimal number, 0 to 9.Just like a game that uses a dice. Only the difference is our project uses an electronic component to execute this random decimal number.

Our project circuit is simple as it looks and self explanatory. It seems use a simple components because it can be found in the electronic shop. For briefly, our circuit use resistor, capacitor and several IC's. More details of this project about its operation , components and its result will be explain later in this report.

We hope this project can gives us more information for us and support our educational process and it can give us some benefit for the other.