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ELECTRONIC ROULETTE
WHEEL

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ABSTRACT

A Electronic Roulette Wheel is a digital electronic devices. It is primarily used to do execute random selection. This report shows how the circuit diagram is created, and simulate by using the circuit maker. Our project uses a 9V battery, IC 555 (timer), IC 74154 (decoder), IC 7493 (counter), IC 7805 (regulator), Resistor, Capacitor, Diode, LED's in addition to standard.

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CHAPTER 1: INTRODUCTION

1.1 Introduction

The human race becoming a species who plan to spend more time at home. Hence electronic gadgets contrivances appear with greater frequency in this respect too. The rise of electronic games, of course has taken its toll of mechanical devices.

The most impressive products of this evolutionary process is a new generation of hand-held game cards, resembling upgrade calculator which can play Chinese Checker to World and Universal Wars. Their vulnerable LCD displays have too small life spans as well as extremely narrow viewing angle and ranges. Hence they rarely appear in party games.

A hand-held Roulette Wheel with no moving parts will be a fascinating game for party. Besides, a popular belief is that those who have developed an unhappy reputation for using their fists, when facts and figures fail, can be treated with the use of roulette wheel.

1.2 Project planning

The fabrication of a hand – held Roulette Wheel is discussed in this report .Chapter 1, introductions of the Roulette Wheel, chapter 2 theory, chapter 3, circuit for Electronic Roulette Wheel. Table 1.1 shows the project schedule while table 1.2 shows the planning for this project.