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**REMOTE MOTOR II
(REMOTE CONTROL SWITCH)**

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ABSTRACT.

Remote control is an important unit of several sectors such as to control an automatic gate, electronic equipment such as VCD, VCR, Hifi and others.

In this project, our model designed to produce an infrared light beam through the infrared LED as a transmitter. The circuit will operate after the IR receiver module received an infrared light beam from the transmitter. Output from receiver circuit then connected to the motor circuit.

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TABLE OF CONTENTS.

	<u>Page</u>
ABSTRACT	i
ACKNOWLEDGEMENTS	ii
LIST OF SYMBOL	iii
LIST OF COMPONENT	iv
INTRODUCTION	1
OBJECTIVE	2
 CHAPTER 1 – APPLICATION	
1.1 – Introduction	3
1.2 – Ohm law	3
1.3 – Bipolar transistors	4
1.4 – Resistor	5
1.5 – Capacitors	7
1.6 – Diode	8
1.7 – Intergrated circuit	9
1.8 – Light emitting diode (LED)	10
1.9 – Printed circuit board	11
 CHPTER 2 – CIRCUIT DISCRPTION	
2.1 – Introduction	12
2.2 – Overall Circuit	13
2.3 – Circuit description	

INTRODUCTION.

Today, the infra-red circuit is the popular circuit that manufacturer use to be a remote for their items such as VCD, VCR, HIFI, and another product that used a remote control.

This report project that we make is about a remote control switch. It uses to operate the motor system that normally used in automatic gate system. In this project is use an infra-red remote control circuit. It can produce an output to run the motor in the automatic gate system.

In this report, we will understand the infra-red circuit correctly or with another word how the infra-red circuit functions, how the circuit run and a little knowledge about a description of component is used in the circuit. Also should be understand how the infra-red transmitter circuit produce transmitted the infra-red light beam, and how the receiver circuit detect and receive the infra-red light beam.

After read this report we should know the remote control concept and how the remote work.