



UNIVERSITI
TEKNOLOGI
MARA

FINAL REPORT OF DIPLOMA PROJECT

SOLAR AIR COOLER

AQIL AFIFI BIN AHMAD SENUSI

SITI JULIA AMIRA BINTI MAT GHANI

MUHAMMAD ZULHILMI BIN ZAKARIAH

FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MARA
TERENGGANU

TABLE OF CONTENTS

CHAPTER	CONTENTS	PAGE
	DECLARATION	i
	ACKNOWLEDGEMENTS	ii
	ABSTRACT	iii
	ABSTRAK	iv
	TABLE OF CONTENTS	v
	LIST OF FIGURES	vii
	LIST OF ABBREVIATIONS	viii
	LIST OF APPENDICES	ix
1.	INTRODUCTION	
	1.1 Objective	2
	1.2 Scope	2
	1.3 Problem identified and solution	2
2.	LITERATURE REVIEW	
	2.1 Power source	3

3.	METHODOLOGY	
3.1	Multisim	4
3.1.1	Simulation circuit using multisim	
3.1.1.1	To simulate circuit using multisim	5
3.2	PCB Wizard Pro Unlimited	8
3.2.1	Design PCB layout using PCB Wizard	
3.2.1.1	To create PCB Wizard using PCB layout	9
4.	RESULTS AND DATA ANALYSIS	
4.1	Hardware Result	15
4.2	Simulation Result and Analysis	16
5.	CONCLUSIONS	
5.1	Discussions	18
5.2	Conclusions	18
5.3	Upcoming Recommendation	18
6.	REFERENCES	19

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ABSTRACT

Recently, a lot of people today had their own car. Most of them use their own car to go for a work, vacation, shopping mall or even as a public transport. Based on a research which has been done by some researcher, it says that there are over 700 million of cars in this world with a world population of over 6 billion. In this case, spaces for a car to park under the shady places for example garage, basement, or others are limited. Due to that reason, all of the cars mostly had been parked and exposed direct to the sun light. This will lead us to have a cancer. This is because, the car dashboard, seats and air freshener emit poisonous air particle which called Benzene. Benzene is a toxin that affects your kidney and liver. What's worse, it is extremely difficult for your body to expel this toxic stuff. The Benzene will poison our bones, causes anemia and reduces white blood cells. Other than that, prolonged exposure will cause Leukemia and also miscarriage. Other than that, after the engine had been started, we need to on the air conditioner to cool down the temperature. This will increase the amount of fuel combustion and thus more money needs to use.