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DC-AC INVERTER

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ABSTRACT

This report will focus on how to construct and explain how the circuit is work also the detail theoretical background of the project and sophisticate method of research and development. Our project is call inverter. The function of our inverter is to change a dc input voltage to a symmetrical ac output voltage of desired magnitude and frequency. The inverter gain may be defined as the ratio of the ac output voltage to dc input voltage. Our inverter circuit are widely used in industrial application (e.g. variable-speed ac motor drives, induction heating, standby power supplies or as lighting control. The input may be a battery, fuel cell, solar cell, rectifier or other dc source. Our project will combined with input circuit and output circuit as in the circuit below:

TABLE OF CONTENT S		PAGE
Acknowledgement		i
Abstract		ii
CHAPTER		
1	Introduction	
1.1	Background	1 -3
1.2	Objective	4
2	THEORY	
2.1.1	Single –Phase, Voltage Source Inverter Circuits	5 - 6
2.1.2	Analysis of the single – phase ,half-bridge inverter with an RL load	6 - 8
2.1.3	Analysis of the square – wave, center-tap(push-pull) inverter with R-L load	9 - 10
2.1.4	Output voltage control of single-phase inverter	11
2.1.5	Pulse –width modulated inverter	11 – 13
2.1.6	Approximate analysis	13 -16
2.1.7	Sinusoidal Pulse Width Modulation(SPWM)	16
2.1.8	Half –Bridge SPWM inverter	17 - 19
3	Circuit Design and Operation	
3.1	Circuit Design	20
3.1.1	Schematic Diagram	20
3.1.2	Component List	21
3.1.3	Circuit Explanation	21 - 22

3.2	Circuit Simulation	23
3.2.1	TINA software	23
3.2.2	Simulation Procedure	24
3.2.3	Scope of simulation procedure	25
3.2.4	PCB Design	26
4	Hardware Construction	
4.1	Hardware construction procedures	27
4.1.1	PCB making	27 - 28
4.1.2	Etch technique	28
4.1.3	Drilling	28
4.1.4	Component mounting	29
4.1.5	Soldering	29
5	RESULT	
5.1	Simulation Result	30
5.2	Waveform Result	31
6	DICUSSION	32
7	CONCLUTION	33

Reference

Appendix