

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

MOSFET SWITCHES IN POWER ELECTRONICS

E.1240

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| HIGHER TECHNICAL INSTITUTE | PROJECT NO. 3152 |
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SUMMARY:

Mosfet switches in power electronics

The whole work that follows is for the Diploma Project.

This project is under the supervision of Dr. Marouchos and deals with the design, construction and testing of choppers.

During the experiments the constructions were connected in DC chopper configuration.

For the completion of this project, main components that are used as switching devices while constructing and testing DC chopper are the MOSFET (Metal Oxide Semiconductor Field Effect Transistor) and the IGBT (Insulated Gate Bipolar Transistor.)

CONTENTS:

| | <u>PAGE</u> |
|--|-------------|
| SUMMARY | 1 |
| INTRODUCTION | 2 |
| <u>CHAPTER 1</u> Power Electronic Circuits..... | 3 |
| 1 Power electronics..... | 4 |
| 1.1 DC-to-AC conversion..... | 5 |
| 1.2 DC-to-DC conversion..... | 5 |
| 1.3 AC-to-DC conversion – Rectification..... | 5 |
| 1.4 AC-to-AC conversion..... | 6 |
| | |
| <u>CHAPTER 2</u> Mosfets and IGBTs..... | 7 |
| 2.1 The Mosfet's structure..... | 8 |
| 2.2 The IGBT's structure..... | 8 |
| 2.3 The Mosfet as a switch in power electronics..... | 9 |
| 2.4 The IGBT as a switch in power electronics..... | 11 |
| | |
| <u>CHAPTER 3</u> The IRF 340 IR and IRG4BC20U | 13 |
| 3.1 IRF 340 IR Mosfet..... | 14 |
| 3.1.1 Characteristics of the IRF 340 IR | 14 |
| 3.1.2 Package of the IRF 340 IR..... | 14 |
| 3.2 IRG4BC20U Insulated Gate Bipolar Transistor..... | 15 |
| 3.2.1 Characteristics of the IRG4BC20U..... | 15 |
| 3.2.2 Package of the IRG4BC20U..... | 15 |
| | |
| <u>CHAPTER 4</u> Constructions..... | 16 |
| 4.1 Constructions made in the project..... | 17 |
| 4.2 Other constructions that are made in the project | 21 |
| 4.3 Photos..... | 22 |

CHAPTER 5 Experiments..... 24

CONCLUSIONS

APPENDICES