# Development of a Tele-control Home Appliance Controller

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# Abstract

The purpose of this document is to present the work that was been done in designing and implementing a tele-control home appliance controller. At the beginning, a clear statement of the problem is presented and the objectives of the project are defined. A relevant background theory is provided to help non specialist readers to understand the main concept behind the controller design. Next some case scenarios are presented in order to understand the use and the importance of the device. The main section is the design and implementation of the controller. This relates to the description, analysis and discussion of the work carried out and the results achieved. Finally the conclusions from the overall work and recommendations related to cost and future development of the controller are presented. In the appendixes there are useful information about the semiconductors used, photographs of the controller, the schematic diagrams and the PCB layouts designed, and screenshots of the program used to control the controller using a personal computer.

# Acknowledgements

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