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التوثيق الالكتروني والميكروفيلم

بالرسالة صفحات
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**HARDWARE AND SOFTWARE IMPLEMENTATION
OF EMBEDDED COMPUTER SYSTEM USING THE
80186 MICROPROCESSOR**

By

Wael Mohamed Farag

A Thesis Submitted to the
Faculty of Engineering at Cairo University
In Partial Fulfillment of the
Requirements for the Degree of
Master of Science

In

Electronics and Electrical Communications Engineering

Faculty of Engineering, Cairo University

Giza, Egypt

November , 2005

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Supervised by

Prof. Dr. Aly Ezzat Salama

Professor of Electronics and Communications Engineering.

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Asst. Professor of Electronics and Communications Engineering.

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Faculty of Engineering, Cairo University

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November, 2005

8088 MICROPROCESSOR
DE ENRICHED COMPUTER SYSTEM USING THE
HARDWARE AND SOFTWARE IMPLEMENTATION

Paul Johnson and Farag

Department of Computer Science

University of Waterloo

Waterloo, Ontario

Canada

N2L 2G1

Abstract: This paper describes the hardware and software implementation of an 8088 microprocessor based computer system.

Keywords:

8088 microprocessor

hardware implementation

and

software implementation

of an 8088 microprocessor based computer system.

1. Introduction

The 8088 microprocessor

is a 16-bit microprocessor

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John G.

Smith

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SOFTWARE IMPLEMENTATION
OF THE SYSTEM USING THE
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