

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

THE 8051 MICROCONTROLLER

**APPLICATION EXAMPLE: SIMPLE SECURITY
SYSTEM**

E/1430

ANDREAS KOMITIS

3E

JUNE 2008

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

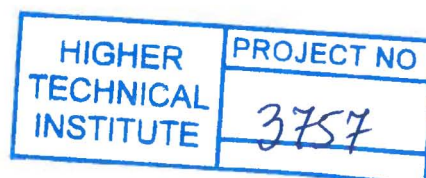
DIPLOMA PROJECT

THE 8051 MICROCONTROLLER
APPLICATION EXAMBLE: SIMPLE
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BY: ANDREAS KOMITIS

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DEDICATED TO MY FAMILY

PROJECT: THE 8051 MICROCONTROLLER APPLICATION EXAMBLE:
SIMPLE SECURITY SYSTEM

PROJECT REPORT SUBMITTED BY: KOMITIS ANDREAS

TO: THE DEPARTMENT OF ELECTRICAL ENGINEERING
HIGHER TECHNICAL INSTITUTE
NICOSIA CYPRUS

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DIPLOMA
OF:
TECHNICIAN ENGINEER IN ELECTRICAL ENGINEERING

Some reference material:

Test books:

Mackenzie Scott. The 8051 Microcontroller, Prentice Hall. 3rd. Ed., 1999

Web Sites:

8052 tutorial information by Vault Information Services:

<http://www.8052.com>

Intel's site for 8051 based products:

<http://developer.intel.com/design/mcs51/>

Philips' site for 8051 based products:

<http://www-us.semiconductors.philips.com/microcontrol/>

Infineon (formerly Siemens) site for 8051 based products:

<http://www.infineon.com/products/micro/micro.htm>

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