

DEVELOPMENT OF A 16 BIT MICROPROCESSOR (8088)
EXPERIMENTAL SYSTEM

By Charalambos Charalambos .A.

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Signature Charalambos

Nicosia

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SUMMARY:

Development of a 16-bit microprocessor (8088) experimental system.

Submitted by: Charalambous Charalambos (A)

The main purpose of this project is to design and construct interface circuits to a 16-bit experimental unit which uses the 8088 microprocessor. Also the interface and communication of the system with the P.C will be examined.

Another objective is to make a demonstration of a programmable timer already interfaced to the experimental system. All the circuits are designed in such a way that will be combined to work together and form a system that can be used for educational and experimental purposes.

After completing the work the profit will be the good knowledge about experimental systems, about the 8088 microprocessor and the ability to design microprocessor related hardware circuits and software programs.

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