

**A MC6802 TESTBOARD DESIGN FOR MICROPROCESSOR-BASED
PROJECTS IN MICROPROCESSOR SYSTEMS**

A Special Problem

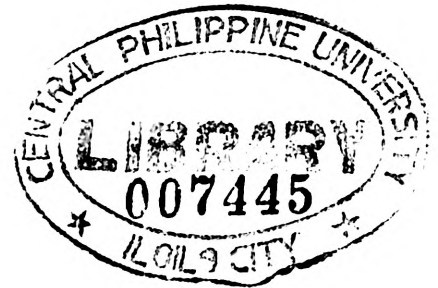
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IN MICROPROCESSOR SYSTEMS

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ABSTRACT

This paper presents a testboard design for MC6802 microprocessor-based projects. MC6802 is commonly used because of its availability, low price and simplicity. The testboard design is composed of the microprocessor unit, the memory devices, and the input/output ports.

The complete design of the testboard is presented and developed from block diagram, selection of appropriate memory and devices for the system, address decoder for the devices, creation of the schematic diagram from the address decoder design and MC6802 module, and the creation of the program.