

DEVELOPMENT OF AN ELECTRONIC BOARD AUTOMATIC TESTER

by

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Project Report

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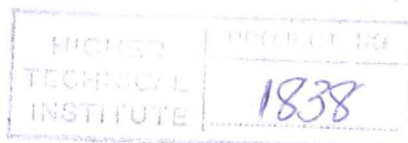
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Summary

S U M M A R Y

AUTHOR.....:> MARIOS TJIAPOURAS

PROJECT TITLE.....:> DEVELOPMENT OF AN ELECTRONIC AUTOMATIC
TESTER.

This project deals with the design, construction and testing of an Automatic Board Tester.

There is the card under test, which is part of a new project that CY.TA will carry out. For the completion of the project 1200 cards will be needed. Therefore a tester must be developed in order to ensure that the cards are operating according to their design purpose. The tester must also be fast, easily used by anyone and give the ability to the user to locate where the fault exists through a manual testing

This project is the solution to the above problem. It uses a microprocessor which is the hard of the construction. It sends several signals to the card, receives card output process the results and decides whether the card is OK or not. At the end of the testing the processor displays all the faults (if there any) and give the user the ability to execute a manual testing with the help of the keyboard.

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