

MICROPROCESSOR COMMUNICATION CONTROL PROGRAM

Project Report Submitted by
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SUMMARY

MICROPROCESSOR COMMUNICATION CONTROL PROGRAM

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The purpose of this project is to develop and test all the software and hardware required so that communication will be established between the H.T.I 8085 microprocessor board and an IBM Personal Computer.

The 8085 resident software should provide standard monitor facilities that are called and run via the IBM PC.

Required facilities:

- 1) RS-232c communications should be done reliably.
- 2) The minimum facilities offered should provide the following functions:
 - Examine/modify memory locations.
 - Examine/modify registers.
 - Run program at specified location.
 - Move memory
 - Load a file containing the program to the 8085.

The work was performed and completed successfully. All the software and hardware have been done and also some additional work completes the purpose of the project.

The additional features are the Single Step, Fill Memory, and the facility to modify any time the BASIC program so that the user can make other combinations of functions.

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