

DEVELOPMENT OF A  
MICROPROCESSOR INTERRUPT DEMONSTRATION  
SYSTEM

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## SUMMARY

This project's purpose is to demonstrate the use of the interrupts offered by INTEL's 8085 microprocessor. At first the theory concerning the interrupts is explained in brief.

The programs developed for this purpose are then fully explained and the hardware build is then described, accompanied with the relevant diagrams.

Finally a description of the practical experience of the author is included, to give an overall view of the things concerning the interrupts.

The main conclusion arising after the completion of this project is that the interrupts, if used correctly, can offer the engineer the chance to control most effectively the processor and have it attend and respond to a number of situations which may arise, besides its normal operation.

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