Z80 & 8031 MASTER - SLAVE MICROCONTROLLERS

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SUMMARY

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The concept of master and slave, of boss and worker is one we come across daily. It is possible in a small work place for one person to be both boss and worker but when we think of large scale production environments it would be impossible to expect one man to deal with all the work. That is why we would divide all the work into unique tasks and assign a different worker to each. In such an environment, the boss or manager would be the one responsible for this assignment of tasks.

The same applies when we consider the tasks that need to be carried out by a microcontroller, when we place it in an environment where the changing parameters are just too many in number. It would probably complete all of the work but would the execution time be a satisfactory one? Would the accuracy be retained?

Aim of this project has been to look into and implement a master-slave relationship as it applies to the world of microprocessors and microcontrollers.

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Chapter 4 : Software