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NICOSIA-CYPRUS

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

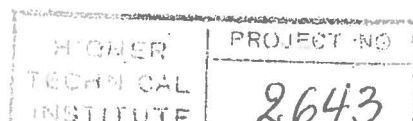
"PC PARALLEL PORT RELAY BOARD"

E.1052

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Introduction

The pc parallel port relay board in conjunction with pc digital I/O interfaces allow on/off control of motors, lamps, solenoids and any other device that can operate from 110/240 VAC. The logic level digital signals from the interface card are translated into on/off control.

Programming the relay board is simply a matter of setting the bits in a digital world. Each bit corresponds one output channel on the relay board. In our case we have eight channels and each channel occupies one bit in the interface card registers. The bits which is high will turn on the corresponding relay.

