

Development of a PC Controlled EPROM Programmer

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## ABSTRACT

The objectives of this project are:

1. To design, construct, and test an interface card for the IBM PC.

2. To design, construct, and test an EPROM Programmer and connect it to the PC interface card.

3. To develop, the appropriate software to control the EPROM Programmer.

The 2716 is the only EPROM which can be programmed by this construction. The programming voltage is 25 Volts and the programming pulse last 50mSec. The 25 volts 2716 EPROM family however, is not the only one which can be handled. The programmer can operate as well with the 12 Volts EPROMs. The EPROM to be programmed is inserted in a ZIF socket and three LEDs indicate the function of the programmer at a given time.

The software developed offers a friendly environment to the user. Programming, reading, comparing, opening and creating files are some of the facilities offered. Using the mouse or the function keys programming can be done as easy and fast as in any professional package.

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