

Re: Newbie Pic Programming question....

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2004-10/6006.html>

From: Rolavine (rolavine_at_aol.com)

Date: 10/21/04

Date: 21 Oct 2004 06:48:39 GMT

>From: Spehro Pefhany

>On Wed, 20 Oct 2004 17:34:09 -0700, the renowned WhoCares

><What@Why.com> wrote:

>

>>I bought a Superpro LX universal programmer before i new anything
>>about programming. I've decided to try a pic16f84a pic to experiment
>>with, as it seemed to be popular.

>>

>>It came with a program that is used to burn the pics but it only
>>accepts source code, I believe. I think what i need is the program
>>where i can type in the commands and such. I believe it is written in
>>C or something and then converted to source code...right?

>>Thanks

>

>I've never heard of your programmer, but anyhow, you generally need a
>.hex file, which can be produced by an assembler. Download and MPLAB
>from Microchip and install to get started. It's a quick 40M or so
>download.

>

>

>http://www.microchip.com/stellent/idcplg?IdcService=SS_GET_PAGE&nodeId=1406&dDocName=en019469&part=SW007002

>

Spehro gave you good advice. You can use the mplab program to create an assembly language program in a provided text editor. This program can also simulate the operation of the processor running your program. If your just learning then you actually don't need to even burn a chip at all.

To be able to write in a higher level language you will need a compiler program. If you want to program in C you will have to get a C compiler for the PIC processors. I can't remember what outfit provides a free small compiler but it is for the 16f84 chip so your in luck.

Rocky