

## MAX+PLUS II Baseline Software

### Registration:

The MAX+PLUS II Baseline Software is the free basic version of Altera's MAX+PLUS II development system for programmable logic. In order to use the MAX+PLUS II Baseline Software, you must register with Altera and request a license file. The software license is free and is good for 6 months. It is also possible to renew your license. In order to receive a license for the software you must visit the web site listed below and then fill in the request form. Then follow the provided instruction to get your license information.

<http://www.altera.com/support/licensing/lic-university.html>

If for some reason the above address changes, you can find the information by searching the main Altera Web Page (<http://www.altera.com/>) for Tools and MAX+PLUS II Baseline Software.

In order for you to receive a license, Altera requires you to submit the serial number of your hard drive. The number is an eight-digit hexadecimal number with an optional hyphen. You can find the serial number for your hard drive by opening a DOS window and typing "dir /p".

When you have completed the Altera registration process, the license file is sent to the email address you provided. Please read the instruction that come with your license file. They will instruct you on how and where to copy the *license.dat* file so that the software will work correctly.

### System Requirements:

- Pentium PC or better is recommended, and a 486 is the minimum.
- Microsoft Windows NT Version 3.51 or better, Microsoft Windows 95 or better
- Microsoft Windows compatible graphics card and monitor
- CD-ROM drive
- Microsoft Windows compatible 2 or 3 button mouse
- Free Parallel Port
- 100 MByte of free hard drive space
- 16 MByte RAM

### MAX+PLUS II Baseline License Installation:

The installation of the software is straightforward and can be started by running the file *Student102*.

- Start the MAX+PLUS II software.
- Read the licensing agreement and click *YES* when you are done. You must scroll to the bottom of the licensing agreement before you are able to click *YES*.
- Click *NO* in the MAX+PLUS II Copy Protection Window.
- Select Options/License Setup.

- Select Browse, and go to where you saved the license.dat (e.g. c:\baseline). Select the file "license.dat" and click OK. The following functions should then be listed in the Licensed Features box: Hierarchy Display, Message Processor, Text Editor, Graphic Editor, Symbol Editor, Floorplan Editor, Compiler, Timing Analyzer, Programmer, Classic Family, MAX5000 Family, MAX7000 Family, EDIF I/O, SVF/JAM output.
- Click *OK*, in order to save your changes.

#### Configuring ByteBlaster (programming tool for FPGAs)

- Start MAX+PLUS II.
- Select MAX+PLUS II/Programmer.
- If this is the first time the programmer has been run, the hardware Setup window should open automatically. If it does not, or you want to edit your programming configuration. You can do this by selecting *Options* and then *Hardware setup*.
- Select *ByteBlaster* in the Hardware Type Box.
- Select the parallel interface you want to use. On a PC with Windows NT/2000/XP this selection field is only accessible if the Byteblaster drivers were installed. Please refer to *Byteblaster Driver Installation* which can be downloaded from the courses web site.
- Select *OK* to close the menu.