

## Altera FPGA Starter Kit Kit - P11K100A

# CD CONTENTS

This CD contains all the data and **software necessary** to start the development of projects with the FPGA Starter Kit Altera - P11K100A. This CD contains all the documentation for the board and each component used on it, as well as the electrical schematics and layout files for the PCB board. It also contains some examples of design using the board as a development platform. The development software used to compile and load the projects for the examples on this CD were Quartus II 2.2 SP1 and MAX + PLUS II Baseline, available on the second CD shipped with the board and on **this CD**. Before attempting to compile and use the sample projects on this CD, please install the ALTERA development programs mentioned above.

The contents of this CD are organized into:

**General Guidelines** : Explains the contents of the CD and the minimum requirements necessary for this CD to run correctly on a PC.

**Install Acrobat** : Allows you to install the Windows version of Acrobat Reader, necessary to correctly view files in .PDF format.

**Documentation** : Complete documentation for the board, including:  
- Documentation of the board itself: Electrical diagram and PCI layout  
- Plate manual, with detailed description of the operation and data of the same  
- Manuals of all components used on the board

**Examples** : Presentation of some design examples available for the board, divided into 3 categories:

- 1) Pinout: Example with a design that configures and names the pins on the board
- 2) Audio: Implementation of a sinusoidal audio generator
- 3) Video: Simple VGA and SVGA video controller

**Photos** : Some photos showing details of the board and examples of implementing a motherboard for the system

**Complete system**: To download the complete system and install all the documentation material and sample projects on your computer, download this .ZIP file and unzip it in the desired subdirectory. A new subdirectory called / **P11K100A** will be created and it will contain all the relevant documentation and examples data contained on this CD.

The Windows versions supported by this CD for reading the documentation are Windows 98 OSR2, NT 4.0, Windows 2000 and Windows XP, the last two being the most recommended.

The minimum machine requirements for the correct display of the data on this CD are:

- Operating System: Windows 98, NT 4.0, Windows 2000 or Windows XP.
- CPU: Pentium III 800 MHz. Smaller capacity CPUs require a long build time
- Memory: Minimum of 128 MB of physical memory.

Disk area used: To play and display the contents of this CD it is not necessary to use an HD area, unless

you want to install Acrobat Reader. In this case, approximately 40 MB of disk will be required

The above features and specifications apply only to the data display on this CD. For minimum requirements and operating systems supported by Altera development software, check [Software Installation](#) data .