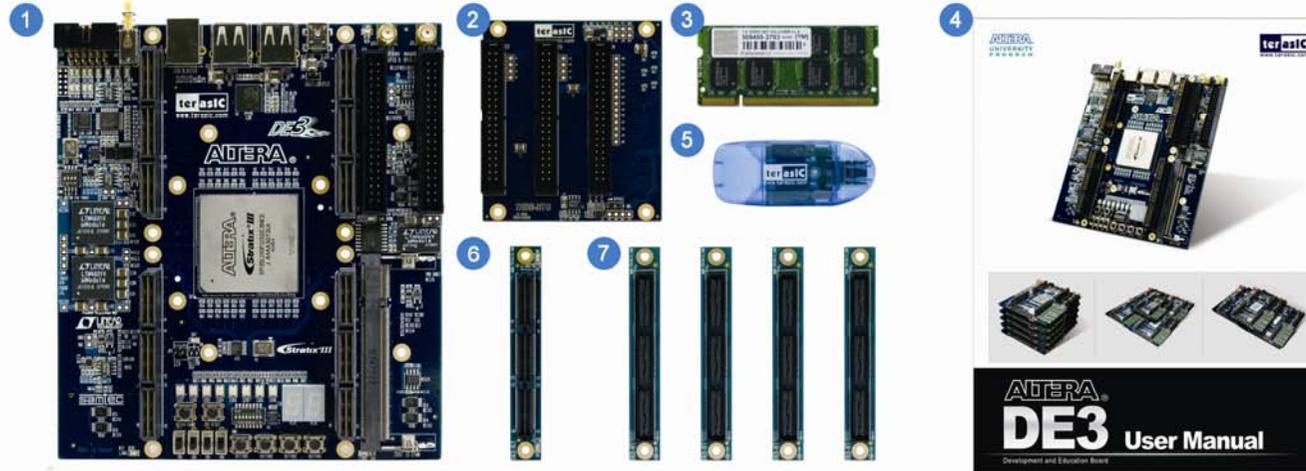


Altera DE3 board

What's in the box



- 1 DE3 Board
- 2 THDB-HTG
- 3 1GB DDR2 SO-DIMM Module
- 4 DE3 User Manual
- 5 USB to SD Card adaptor
- 6 THDB_HLB
- 7 THDB_HFF
- 8 250W Power Supply
- 9 Screw and Copper Pillar Package
- 10 512MB SD Card
- 11 DE3 System CD
- 12 Type A-B USB cable for FPGA programming and control
- 13 USB cable (AF/ mini USB)
- 14 Altera Complete Design Suite DVD with the Nios II Embedded Design Suite (EDS) and Quartus - II design software
- 15 AC Power cord
- 16 DE3 Power cable

Before Powering up the DE3 board

Before powering up the DE3 board, users will need to install some design software and drivers. Please refer to the document “Getting started with DE3 board.pdf” which can be found in “DE3_usermanual” folder in DE3 System CD. This document will describe:

- Purpose of the DE3 Board
- Scope of the DE3 Board and Supporting Material
- Installing Altera Design Software
- Installing Patch File for Quartus II 8.0
- Obtaining a License File
- Setting up the License File for Terasic Power Controller IP
- Installing the USB Blaster
- Powering up the DE3 Board
- Programming the FPGA Device on the DE3 Board

DE3_System_CD contents

Table 1.1 gives the directory names and contents on DE3_System_CD.

Table 1.1. Contents of DE3_System_CD

Directory Name	Contents
Datasheet	Datasheet of the components on the DE3 board
DE3_demonstrations	Reference designs for DE3 board
DE3_usermanual	Documents for using DE3 board
Terasic IP License	License for Terasic power control IP
QII_80_Patch	Software patch for solving DDR2 and DDR3 compiling problem on the DE3 board in Quartus II 8.0
Tools	Design and testing tools for DE3 board
DE3_DB_mechanical	This Daughter Board Design Package is used for users to design their own daughter boards on DE3

Table 1.2 lists file names and descriptions of the directory “DE3_usermanual”.

Table 1.2. Directory contents of DE3_usermanual

File Name	Description
DE3_quick_guide.pdf	This document
Getting started with the DE3 board.pdf	Describes how to get started with the DE3 board
DE3_usermanual.pdf	DE3 user manual
HSTC adaptor card.pdf	Description of adaptor cards for HSTC connector, comprising: THDB_HFF , THDB_HLB , and THDB_HTR .
THDB-HTG_User_Manual_v.1.0.pdf	User manual for THDB-HTG daughter card

Getting Help

Some places where you can get help if you encounter any problem:

- Email to support@terasic.com
- Taiwan & China: +886-3-550-8800