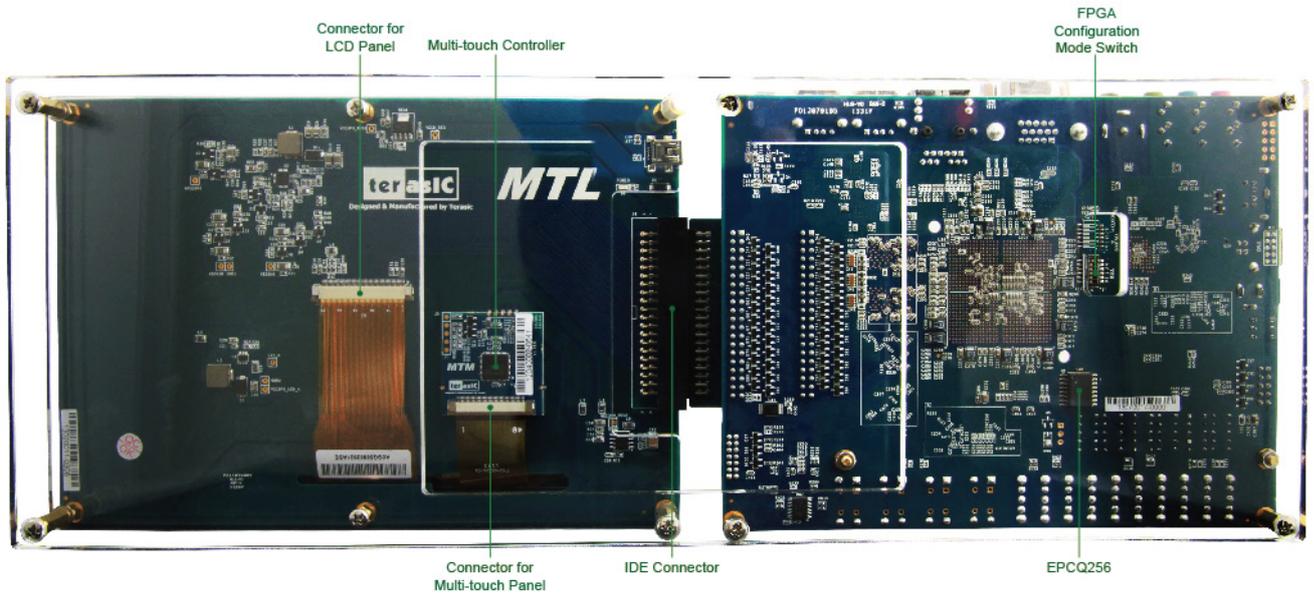
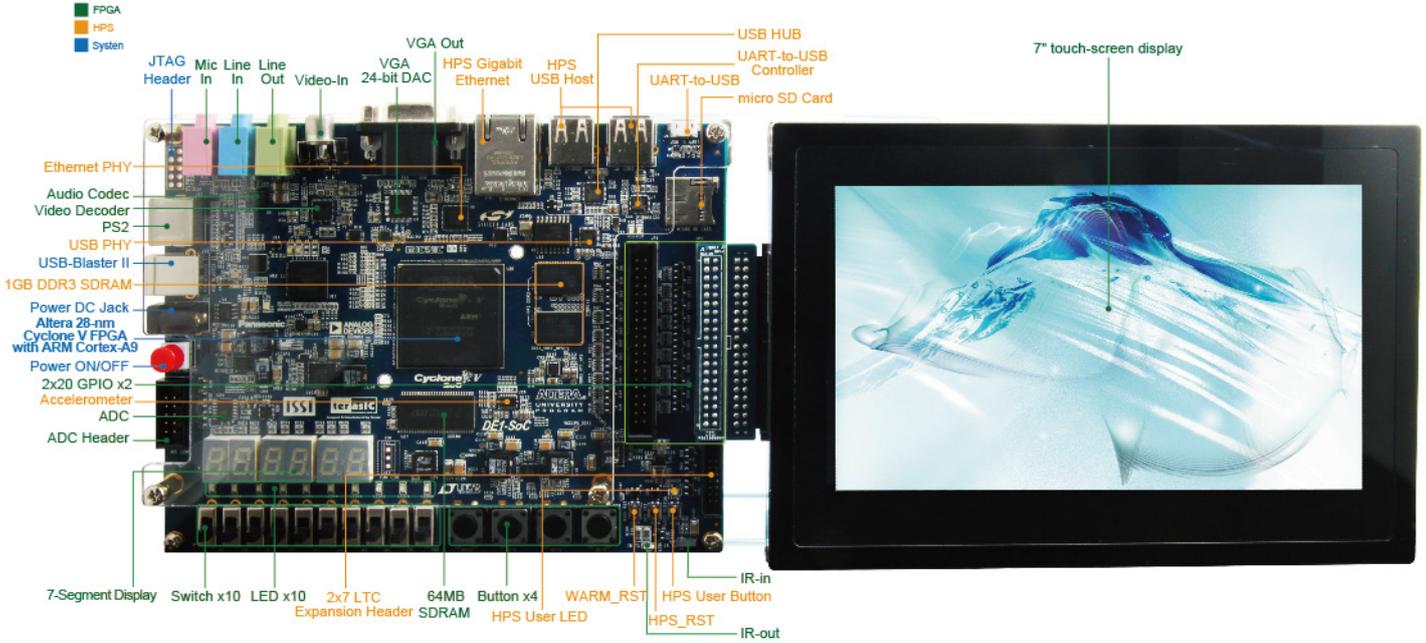


DE1-SoC-MTL

Quick Start Guide



Getting Help

Should you encounter any problems, please contact us via:

✉ Email: support@terasic.com

☎ Tel: +886-3-5750-880

What's in the box?



- 1 DE1-SoC-MTL Kit
- 2 Quick Start Guide
- 3 microSD Adapter
- 4 8GB microSD Card
- 5 Card Reader
- 6 Type A to Mini-B USB Cable
- 7 Type A to B USB Cable
- 8 Power DC Adapter (12V)

▲ The 8GB microSD card is pre-programmed to contain the LXDE Linux Desktop.

Resources

▲ For the System CD and Linux image files of this package, please download from the link below:

 <http://cd-de1-sock-mtl.terasic.com>

▲ For the FPGA project design, please refer to the document "*DE1-SoC-MTL_User_manual.pdf*".

▲ For the touch-screen software project design, please refer to the document "*Software Development Guide for touch-screen display.pdf*".



<http://cd-de1-sock-mtl.terasic.com>

DE1-SoC-MTL System CD Contents

Directory Name	Contents
Manual	Documents including the user manual and software programming guide
Demonstrations	FPGA and SoC design examples
Datasheet	Datasheets of major components on the touch-screen display module
Schematic	Schematic of the touch-screen display module
IP	Encrypted touch controller
License	IP license of touch controller

Power On Test

- 1 Plug in a USB keyboard to the DE1-SoC board as shown below.
- 2 Plug in the 12VDC power to the DE1-SoC board.
- 3 Power on the DE1-SoC board.



- 4 When a login prompt message appears on the LCD, scroll down from the keyboard and select "More..." then press ENTER.
- 5 Type "root" and press ENTER.
- 6 Type "terasic" and press ENTER.
- 7 The LXDE Desktop will appear on the LCD display.
- 8 Use touch-screen to select the system menu.

