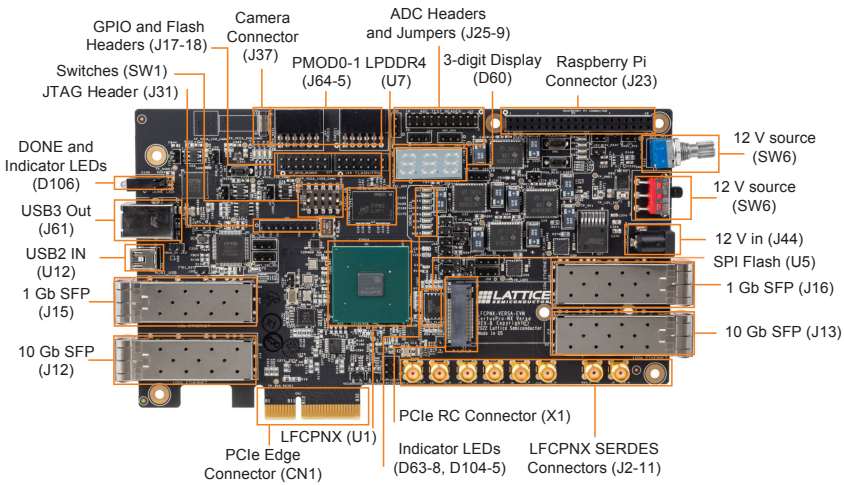
This document provides a brief introduction to CertusPro-NX Versa Board.



1 Check Kit Contents

The CertusPro-NX Versa Board kit contains the following items:

- CertusPro-NX Versa Board
- 12 V AC/DC Adapter & International Plug Adapters
- USB Cable for Programming via PC (USB-A to Mini-B)
- Quick Start Guide

2 Using the CertusPro-NX Versa Board

The CertusPro-NX Versa Board kit contains the following items:

The CertusPro-NX Versa Board as shipped supports Master-SPI based configuration. The external SPI Flash Configuration Memory is pre-loaded with a demonstration program described below.

3 Installing the software

To develop your own solutions, download and use the Lattice Radiant design software (version 3.2 or later), download from www.latticesemi.com/radiant.

If you only need to re-program the board, you can use the Radiant Programmer Stand-alone software (version 3.2 or later).

4 Powering the Boards and Observing the Demo Program

- These jumpers should be closed. The jumper designators are: J1(2:4), J57(1:2), J58(1:2), J25(1:2), J26(1:2), J28(1:2), J29(1:2)
- Connect the supplied power adapter to the 12 V DC power input (J44) on the board. Switch SW6 to position 3 to supply power from the 12V DC power. The power indicator LEDs located on the top of board should light, indicating the board is powered normally. These LEDs designators are: D75, D76, D77, D78, D81, D83, D84, and D85.
- Configuration of the CertusPro-NX (U1) from the external memory (U5) will complete almost immediately. The LED (D106-1) will be lighted. It indicates CertusPro-NX (U1) successfully booted from external SPI flash.
- After configuration, the indicator LED (D105) located in the middle of the top of the board will be lit. In addition, LED (D68) will pulse.

5 Doing More with the CertusPro-NX Versa Board

For more information on the demo, go to www.latticesemi.com/certuspro-nx-versa-board. Here, you can download the demo user guide, the full source code, and other resources. You can use the Lattice Radiant software to develop and program your own demos.

Technical Support

www.latticesemi.com/support

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