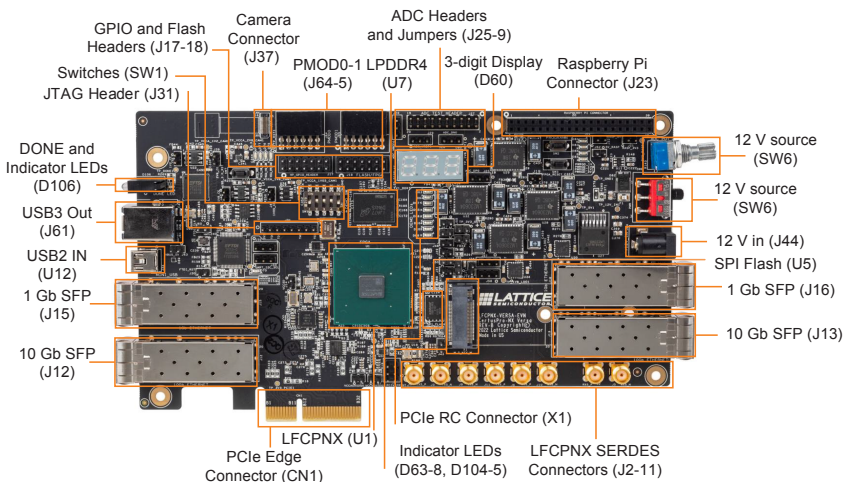


This document provides a brief introduction to CertusPro-NX Versa Board.



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.

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