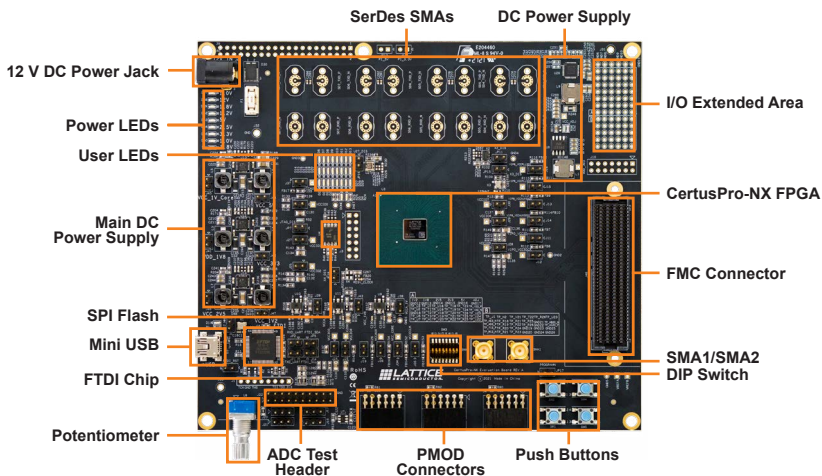


This document provides a brief introduction to the CertusPro-NX Evaluation Board.



1

Check Kit Contents

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

- CertusPro-NX Evaluation Board
- 12 V AC/DC Adapter and International Plug Adapters
- USB Cable for Programming via PC (USB-A to Mini-B)
- Quick Start Guide
- Lattice Radiant software download information

2

Using the CertusPro-NX Evaluation Board

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

3 Installing the software

The CertusPro-NX Evaluation Board is pre-programmed with a basic demonstration.

To develop your own solutions, download and use the Lattice Radiant design software (version 3.0 or later) in <http://www.latticesemi.com/software>.

If you only need to re-program the board, you can use the Radiant Programmer Standalone software (version 3.0 or later).

4 Powering the Boards and Observing the Demo Program

Make sure the jumper JP6 is closed and the jumper JP3 is removed. The USB cable should be connected to PC. Then connect the supplied power adapter to the 12 V DC power input (J40) on the board. A few power LEDs should light, indicating the board is powered. Configuration of the CertusPro-NX (U3) from the external memory (U4) is completed almost immediately. After configuration, the green, yellow, and red indicator LEDs are illuminated in a repeating pattern.

5 Doing More with the CertusPro-NX Evaluation Board

Check the Lattice website at <https://www.latticesemi.com/products/developmentboardsandkits/certuspro-nxevaluationboard> to download the full User's Guide, the full source code of the default demo, and other resources. You can use the Lattice Radiant software to develop and program your own demos.

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Technical Support

www.latticesemi.com/support

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