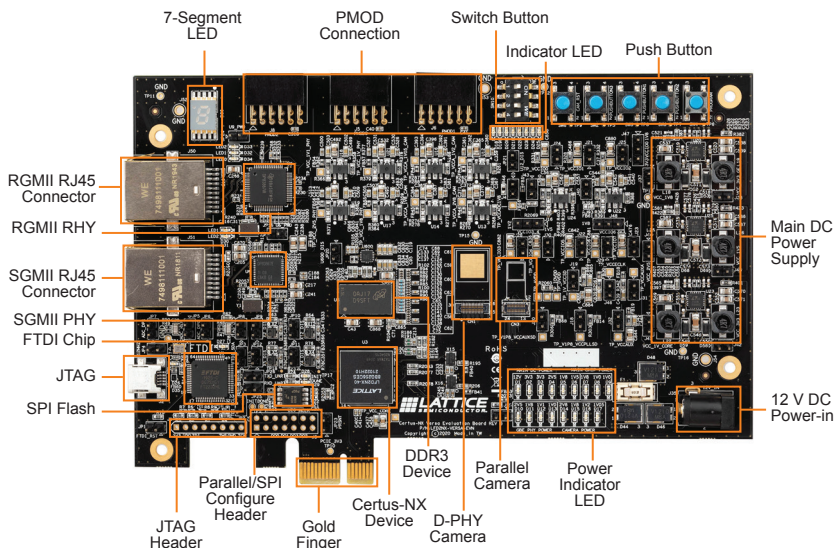


This document provides a brief introduction to Certus-NX Versa Evaluation Board.



1

Check Kit Contents

The Certus-NX Versa Evaluation Board kit contains the following items:

- Certus-NX Versa Evaluation 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 Certus-NX Versa Evaluation Board

The Certus-NX Versa Evaluation Board kit contains the following items:

The Certus-NX Versa Evaluation 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 2.2 or later), download from www.latticesemi.com/radiant.

If you only need to re-program the board, you can use the Radiant Programmer Standalone software (version 2.2 or later).

4

Powering the Boards & Observing the Demo Program

- These jumpers should be closed. The jumper designators are: JP4, J16(1-2), J18, J19, J20, J21, J22, J23, J24, J25, JP25, JP26, J28, J29, J30, J31, J32, J46, J47(1-2), J48(1-2).
- Connect the supplied power adapter to the 12 V DC power input (J35) on the board. The power indicator LEDs located on low right corner of board should light, indicating the board is powered normally. These LEDs designators are: D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17.
- Configuration of the Certus-NX (U3) from the external memory (U26) will complete almost immediately. The LED (D29) will be lighted. It indicates Certus-NX (U3) successfully booted from external SPI flash.
- After configuration, the indicator LED (D21) located in the middle of the top of the board will be lighted.

5

Doing More with the Certus-NX Versa Evaluation Board

For more information on the demo, go to www.latticesemi.com/certus-nx-versa. 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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