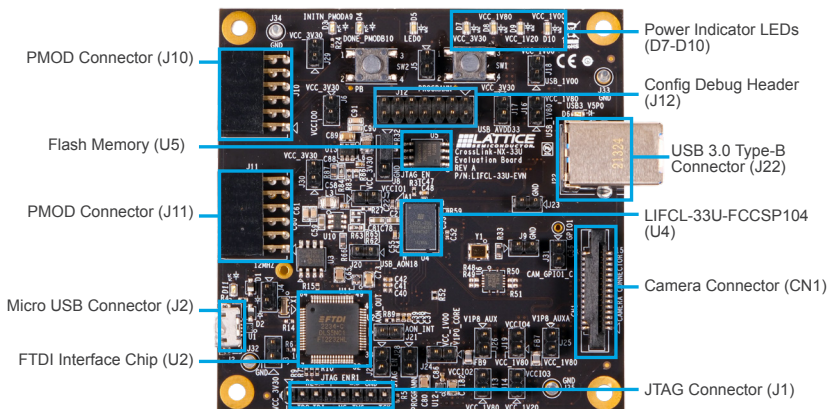


This document provides a brief introduction to the CrossLinkU-NX Evaluation Board.



1 Check Kit Contents

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

- CrossLinkU-NX Evaluation Board
- USB Cable for programming via FTDI chip (USB-A to USB 2.0 Micro-B)
- USB Cable (USB-A to USB-B 3.0)
- Quick Start Guide with Lattice Radiant software download information

2 Using the CrossLinkU-NX Evaluation Board

The CrossLinkU-NX Evaluation Board as shipped supports Controller-SPI based configuration. The external SPI Flash configuration memory is pre-loaded with a demonstration program.

- 3 Installing the software**
- The CrossLinkU-NX Evaluation Board is pre-programmed with a demonstration bitstream file.
 - Download the Lattice Radiant Software (version 2023.1 or later) in www.latticesemi.com/Radiant to develop a new design.
 - Radiant Programmer Standalone Software (version 2023.1 or later) is also available for just re-programming the board.

- 4 Powering the Board and Observing the Demo Program**
- Connect the USB-A to USB-B 3.0 cable between J22 of the CrossLinkU-NX Evaluation Board and the PC
 - Green LED (D5) should be blinking
 - After updating Windows's USB driver, "Lattice Vendor Specific Device" should be listed under Universal Serial Bus devices in Device Manager
 - USB driver to be available soon

- 5 Doing More with the CrossLinkU-NX Evaluation Board**
- Check the Lattice website at www.latticesemi.com/crosslinkU-nx-evaluation-board 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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