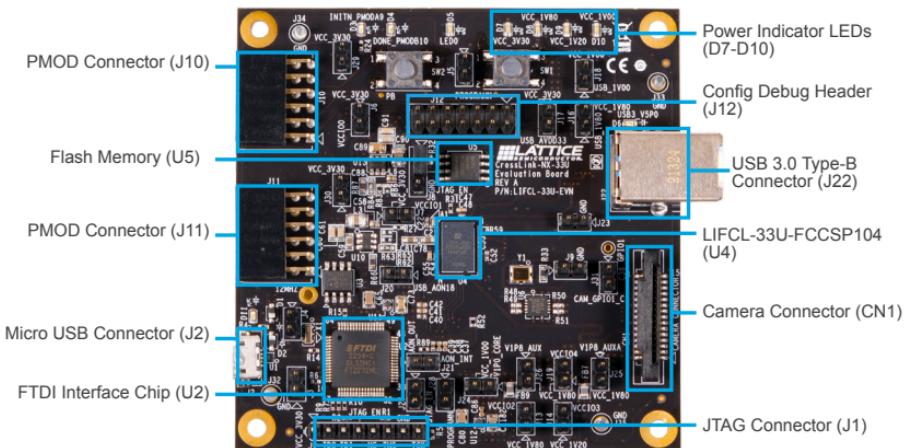


This document provides a brief introduction to the CrossLinkU-NX Evaluation Board.



## 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](http://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 Window'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](http://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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[www.latticesemi.com/support](http://www.latticesemi.com/support)

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