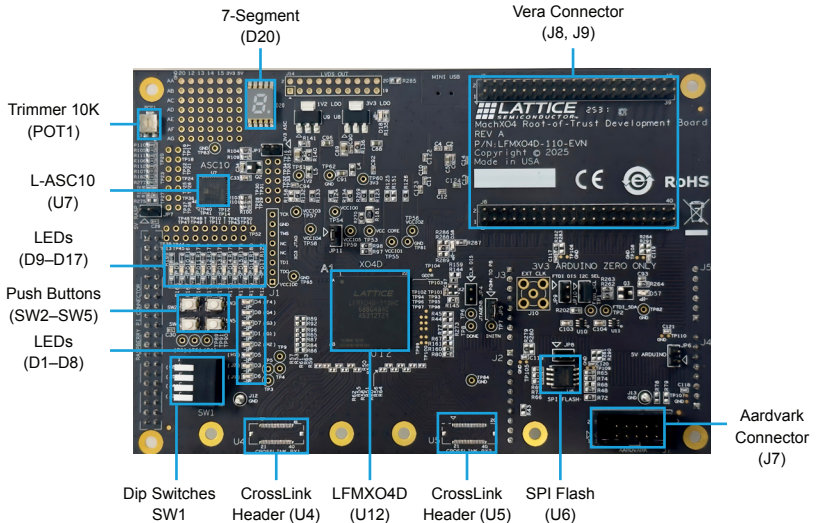


This document provides a brief introduction and instructions to install and run the Lattice MachXO4™ Root-of-Trust Development Board on Windows 7/10/11. For full documentation, schematics, demonstration programs and more, go to latticesemi.com/machxo4d-development-board.

Caution: The Lattice MachXO4 Root-of-Trust Development Board contains ESD-sensitive components. ESD safe practices should be followed while handling and using the development board.



1

Check Kit Contents

The Lattice MachXO4 Root-of-Trust Development Board Kit contains the following items:

- MachXO4 Root-of-Trust Evaluation Board pre-loaded demo bit
- USB Cable for Programming vis PC (USB-A to Mini-B)
- Quick Start Guide with Lattice Radiant software download information

2**Power Up the Board**

- Check the default jumper setting: JP5 and JP11 should be populated
- Connect the mini-USB cable between J11 and your PC's USB port. The blue LED D18 will light to indicate 5V power.

3**Observing the Demonstration program**

- Press and release push button SW2 and observe LED group as below
- LED Group (D1~D8)
 - LED Group will illuminate in a specific pattern (Led Fill and Drain Pattern)

4**Done**

Congratulations! You have successfully demonstrated the MachXO4 Root-of-Trust Development Board. Please refer to the MachXO4 Root-of-Trust Development Board User's Guide, available on the Lattice web site at latticesemi.com/machxo4d-development-board, for the following:

- Details on additional development board features and operation
- Schematics
- Gerber PCB layout artwork
- Reference Designs, Demo Designs, Technical Notes and Application Notes
- Data Sheets for XO4D and ASC devices

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