

# Silicon Labs CP210x USB-to-UART

## *Installation Guide*

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# Silicon Labs CP210x USB-to-UART Installation Guide

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## Overview

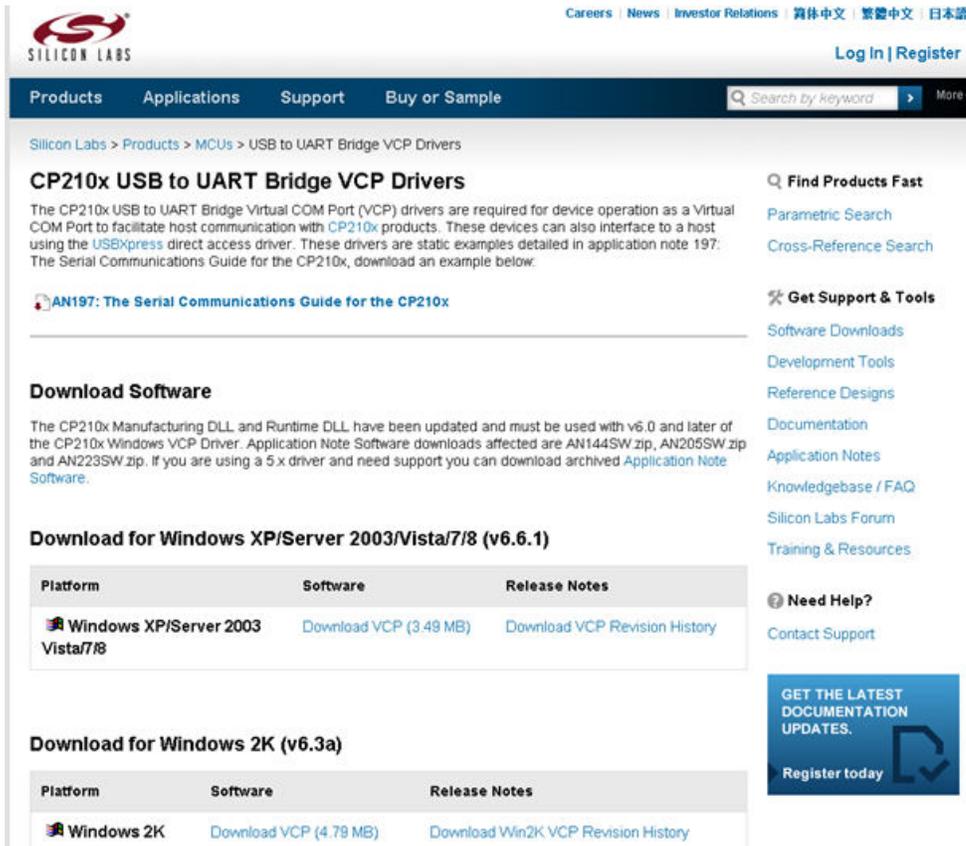
Many AMD evaluation boards and some characterization boards are equipped with the Silicon Labs CP2103 USB-to-UART bridge integrated circuits. This guide explains how to install the drivers for the USB-to-UART bridge.

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## Download and Install the Required Drivers

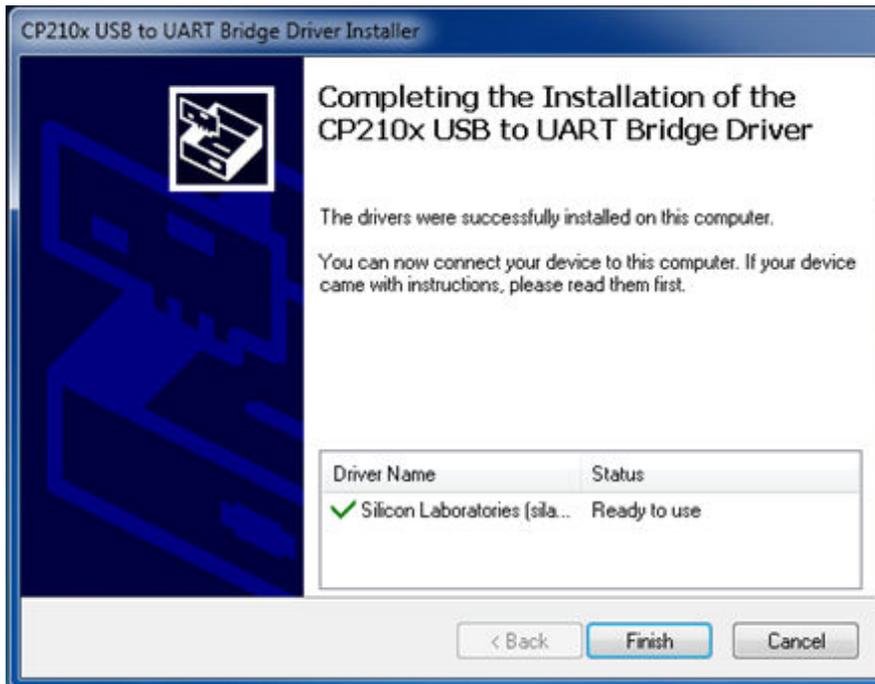
1. Go to the Silicon Labs [CP210x USB-to-UART Bridge VCP Drivers](#) download page.
2. Download the virtual COM port (VCP) driver for your operating system to your PC. See the following figure.

Figure 1: Silicon Labs CP210x Driver Download Page



3. Extract the ZIP archive file.
4. Open the extracted file and select the executable file that is compatible with your PC. For example, for Windows 64-bit, select `CP210xVCPInstaller_x64.exe`.
5. Step through the guided installer. Accept the license agreement and install the software on your PC. When the software is successfully installed, the dialog box shown in the following figure is displayed.

Figure 2: USB-to-UART Bridge Driver Installer



- The next step is to set up a terminal emulator. Continue with the instructions in the appropriate quick start guide. At the appropriate time, you will be directed on the configuration of the terminal settings. If you do not have a terminal emulator, download the Tera Term emulator and follow the installation process in the *Tera Term Terminal Emulator Installation Guide* ([UG1036](#)).

**Note:** Use of the Tera Term terminal emulator is not required and other terminal emulators can be used. Tera Term is recommended by AMD based on its long history as a reliable software product.

# Additional Resources and Legal Notices

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## Finding Additional Documentation

### Technical Information Portal

The AMD Technical Information Portal is an online tool that provides robust search and navigation for documentation using your web browser. To access the Technical Information Portal, go to <https://docs.amd.com>.

### Documentation Navigator

Documentation Navigator (DocNav) is an installed tool that provides access to AMD Adaptive Computing documents, videos, and support resources, which you can filter and search to find information. To open DocNav:

- From the AMD Vivado™ IDE, select **Help** → **Documentation and Tutorials**.
- On Windows, click the **Start** button and select **Xilinx Design Tools** → **DocNav**.
- At the Linux command prompt, enter `docnav`.

**Note:** For more information on DocNav, refer to the *Documentation Navigator User Guide* ([UG968](#)).

### Design Hubs

AMD Design Hubs provide links to documentation organized by design tasks and other topics, which you can use to learn key concepts and address frequently asked questions. To access the Design Hubs:

- In DocNav, click the **Design Hubs View** tab.
- Go to the [Design Hubs](#) web page.

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## Support Resources

For support resources such as Answers, Documentation, Downloads, and Forums, see [Support](#).

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## References

These documents provide supplemental material useful with this guide:

1. <https://www.silabs.com/developer-tools/usb-to-uart-bridge-vcp-drivers>
  2. *Tera Term Terminal Emulator Installation Guide (UG1036)*
  3. *Xilinx Documentation Navigator User Guide (UG968)*
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## Revision History

The following table shows the revision history for this document.

Section	Revision Summary
<b>11/26/2024 Version 1.0.1</b>	
General updates	Editorial updates only. No technical content updates.
<b>02/12/2014 Version 1.0</b>	
Initial release.	N/A

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