

Silicon Labs CP210x USB-to-UART

Installation Guide

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Revision History

The following table shows the revision history for this document.

Date	Version	Revision
02/12/2014	1.0	Initial Xilinx release.

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Silicon Labs CP210x USB-to-UART Installation Guide

Overview

Many Xilinx 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.

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 [Figure 1](#).

The screenshot shows the Silicon Labs website page for CP210x USB to UART Bridge VCP Drivers. The page includes a navigation menu with 'Products', 'Applications', 'Support', and 'Buy or Sample'. A search bar is located in the top right. The main content area features a breadcrumb trail: 'Silicon Labs > Products > MCUs > USB to UART Bridge VCP Drivers'. The title is 'CP210x USB to UART Bridge VCP Drivers'. Below the title, there is a paragraph explaining the drivers and a link to 'AN197: The Serial Communications Guide for the CP210x'. A 'Download Software' section follows, with a note about updated DLLs. Two tables provide download links for different operating systems. The first table is for Windows XP/Server 2003/Vista/7/8 (v6.6.1) and the second is for Windows 2K (v6.3a). Both tables have columns for Platform, Software, and Release Notes. A sidebar on the right contains various support and tool links. A blue button at the bottom right says 'GET THE LATEST DOCUMENTATION UPDATES. Register today'.

Platform	Software	Release Notes
Windows XP/Server 2003 Vista/7/8	Download VCP (3.49 MB)	Download VCP Revision History

Platform	Software	Release Notes
Windows 2K	Download VCP (4.79 MB)	Download Win2K VCP Revision History

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.

- 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 [Figure 2](#) is displayed.

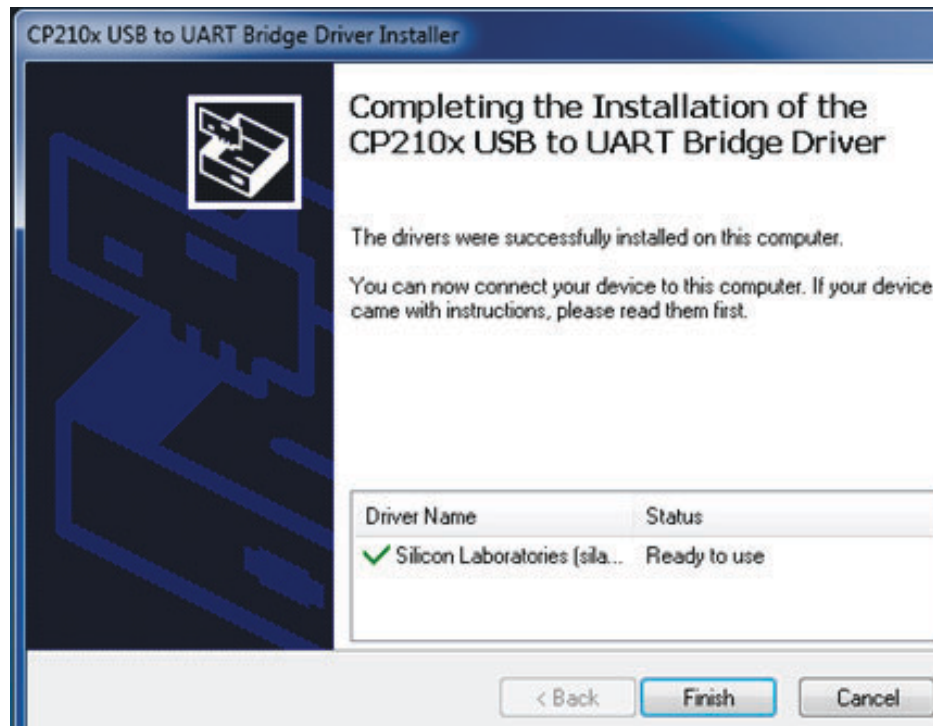


Figure 2: USB-to-UART Bridge Driver Installer

- 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) [\[Ref 2\]](#).

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

Additional Resources and Legal Notices

Xilinx Resources

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

For a glossary of technical terms used in Xilinx documentation, see the [Xilinx Glossary](#).

Solution Centers

See the [Xilinx Solution Centers](#) for support on devices, software tools, and intellectual property at all stages of the design cycle. Topics include design assistance, advisories, and troubleshooting tips.

References

These Xilinx documents provide supplemental material useful with this guide:

1. See the appropriate quick start guide for your Xilinx product.
2. *Tera Term Terminal Emulator Installation Guide* ([UG1036](#))

These external websites provide supplemental material useful with this guide:

3. [CP210x USB-to-UART Bridge VCP Drivers](#)
 4. [Tera Term](#) download page
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