
Cirrus Power Measurement Evaluation GUI Installation Guide

Cirrus Power Measurement Evaluation GUI (graphical user interface) is a software tool controlling Cirrus Power Measurement Evaluation boards through a USB interface.

The GUI can be obtained from www.cirrus.com/industrialsoftware.

1. GUI Installation

- 1) Go to the Cirrus Industrial Software download web site (<http://www.cirrus.com/industrialsoftware>).
- 2) Click the link for the GUI desired.
- 3) Download the file onto the PC and unzip it. A folder called *distribution* will be created (for example, *C:\distribution*)
- 4) Open the folder and run the *setup.exe* file (*C:\distribution\setup.exe*).
- 5) If the GUI has been installed previously, the Uninstall wizard will remove the older version (see below).
- 6) If applicable, after uninstalling the older version, run *setup.exe* again.
- 7) Follow the instructions presented by the installation wizard.
- 8) To run the GUI, go to:

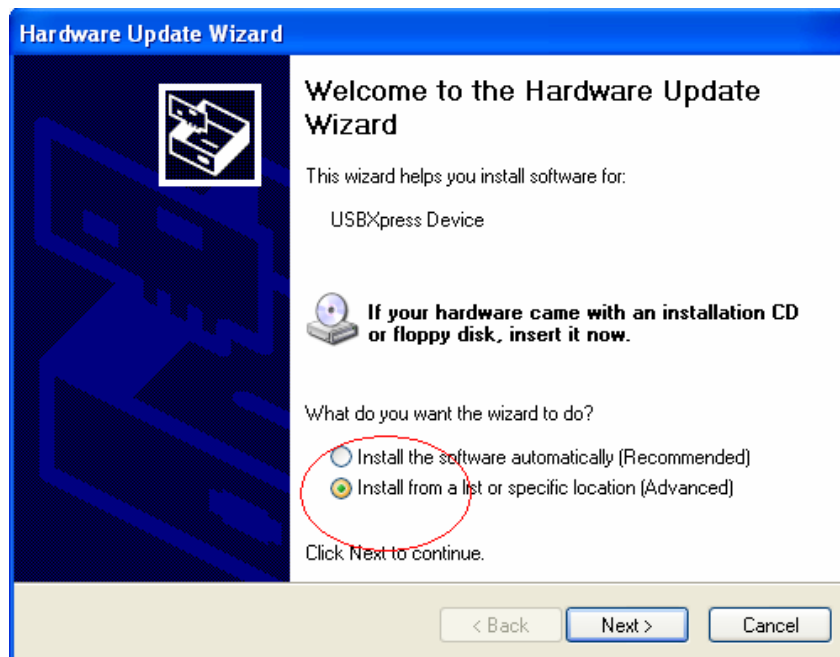
Start ⇒ **Programs** ⇒ **CDBxxxx**

2. USBXpress® Installation

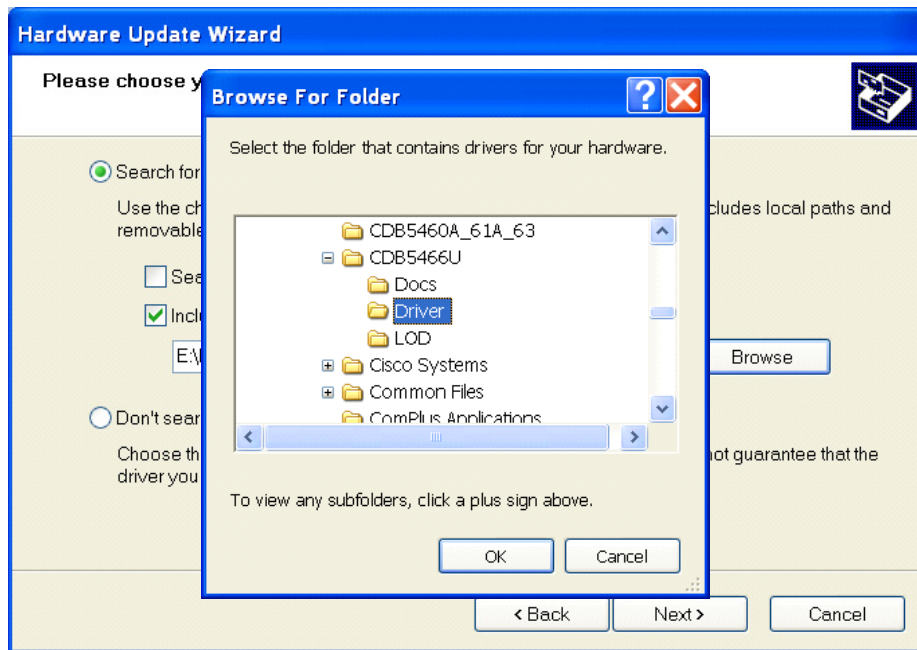
Important: The USBXpress driver must be installed prior to launching the Cirrus Power Measurement Evaluation GUI.

The Cirrus Power Measurement Evaluation GUI uses the *USBXpress* driver to communicate with Cirrus Power Measurement Evaluation target boards. The *USBXpress* driver is a product of and is supported by Silicon Laboratories, Inc. (www.silabs.com). This section shows the steps necessary to install the *USBXpress* driver onto a PC. If the driver is already installed, these steps can be skipped.

- 1) Connect the target board to the PC through an available USB port.
- 2) Apply power to the target board.
- 3) The PC will detect the target as an unknown device. Using the Windows® *Device Manager*, go to the properties of the unknown device and select *Update Driver*.
- 4) Select *Install from a list or specific location* then click *Next*.

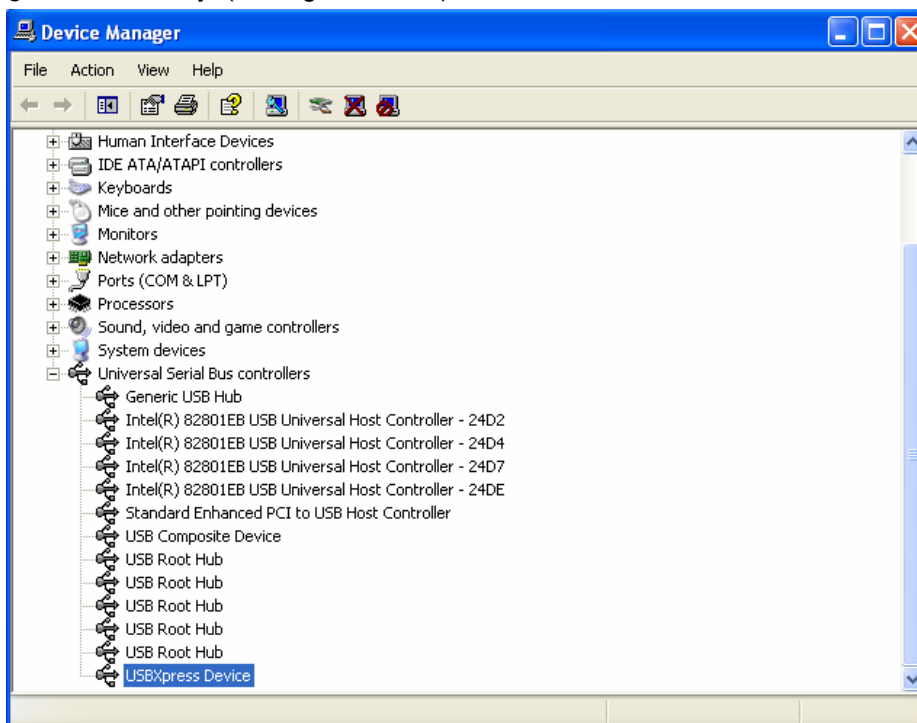


- 5) Select *Include this location in the search* and click the *Browse* button.
- 6) Select the driver directory under *C:\Program Files\CDBxxxx* (the folder created in the GUI installation), then click *OK*.



Directory names are for reference only. They will vary according to the GUI downloaded and installed.

- 7) The PC will install the *USBXpress* Device driver.
- 8) After installation, cycle the power to the target board.
- 9) The PC should add the *USBXpress Device* under *Universal Serial Bus controllers* in Windows *Device Manager* automatically. (See figure below.)



Contacting Cirrus Logic Support

For all product questions and inquiries, contact a Cirrus Logic Sales Representative.

To find the one nearest to you, go to <http://www.cirrus.com>

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