

Description

This document briefly instructs the user how to install Qorvo's Graphic User Interface (GUI) and USB-to-I²C dongles on a Windows based PC. Follow below instruction steps to complete installing necessary driver before using Qorvo USB-to-I²C Dongle and GUI to communicate with the Qorvo's devices.

Install Driver of the USB-to-I²C Dongle

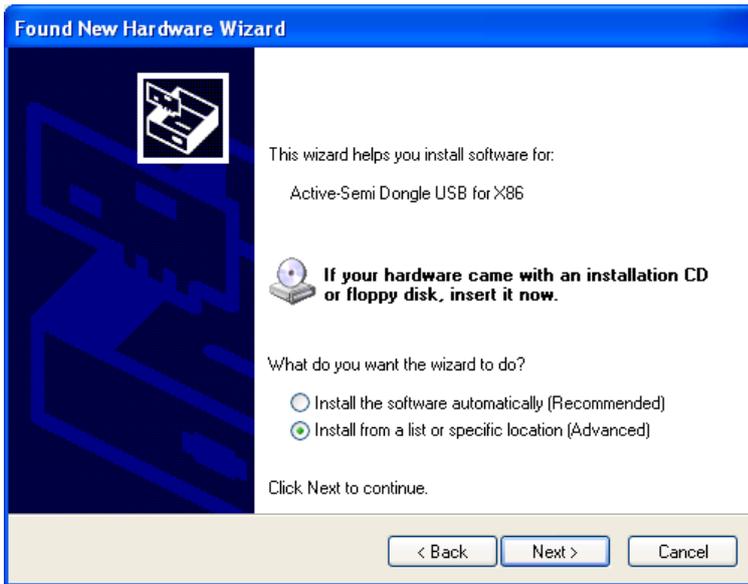
The Qorvo GUI only works on a PC with the driver of Qorvo's USB-to-I²C dongle successfully installed. For Windows XP, Windows7 or Windows 8 users, please follow appropriated driver instruction below to complete the driver installation.

Windows XP

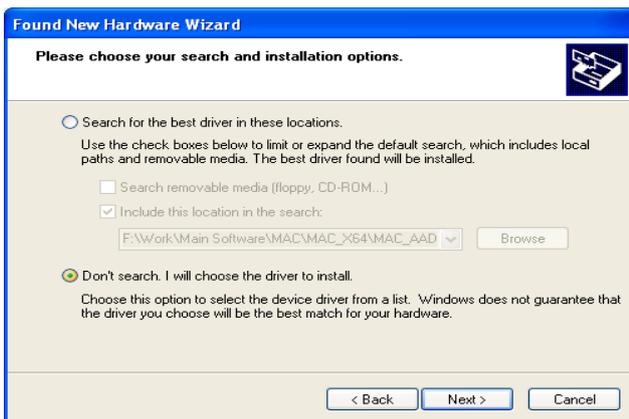
Plug the dongle to USB port the first time, a window appears as below:



Choose **No, not this time** then click **Next** button. Another pop-up window appears as below:



Choose **Install from a list or specific location (Advanced)** then click **Next** button. A new window appears as below:



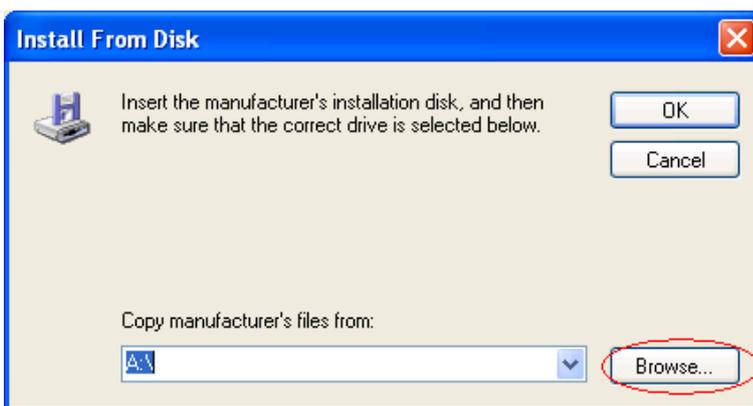
Choose **Don't search. I will choose the driver to install** then click **Next** button.

GUI and Dongle Driver Installation

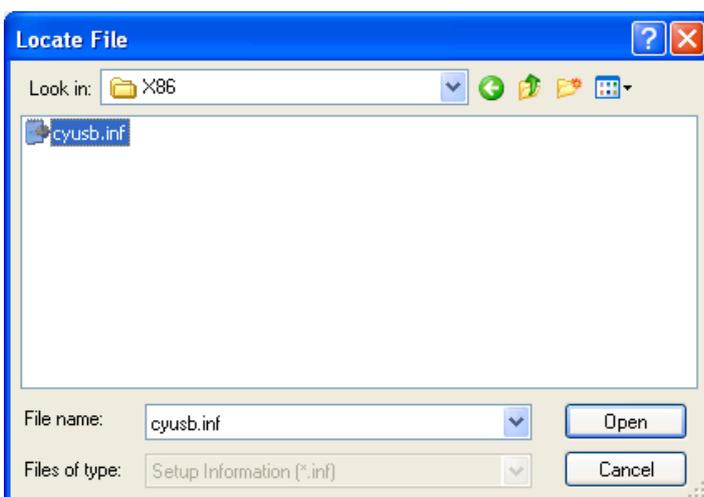
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In the new window appears, click on **Have Disk** button



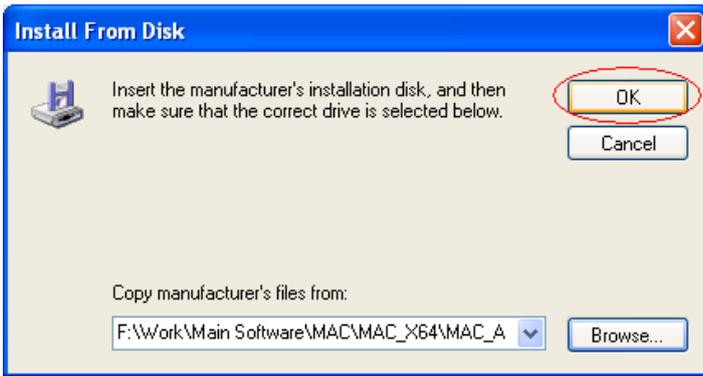
In the new window appears, click on **Browse** button



Select **cyusb.inf** in **...\Driver\X86** folder and then click **Open** button

GUI and Dongle Driver Installation

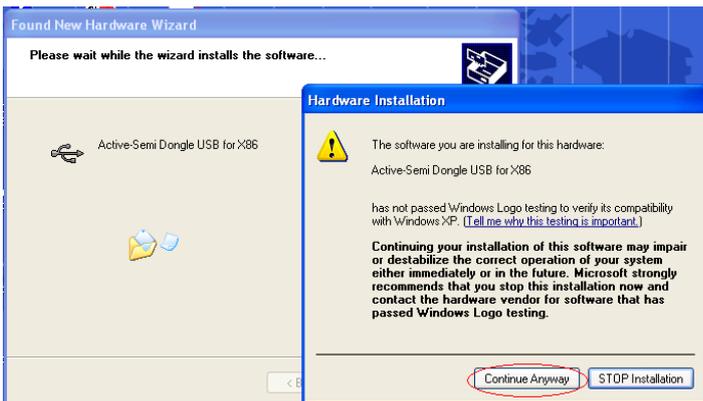
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Click **OK** button



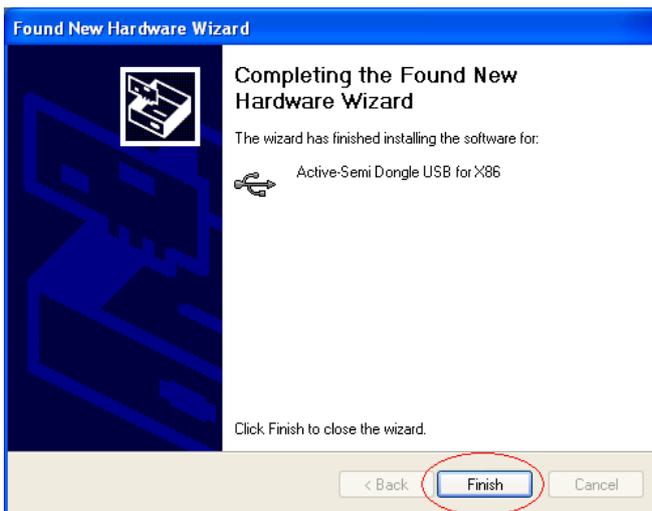
In window appears, choose **Qorvo Dongle USB for X86** in model group and then click **Next** button



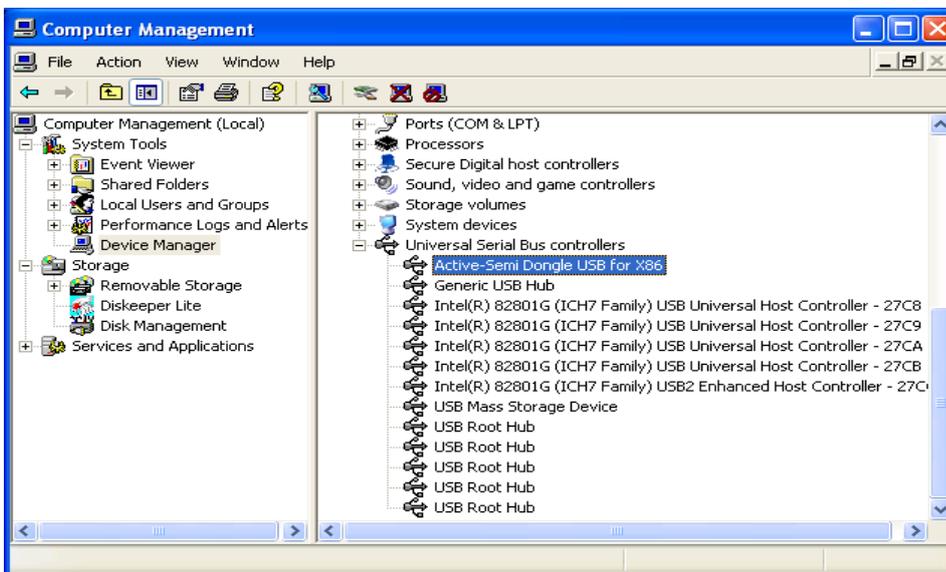
Click **Continue Anyways** button and wait for progress in few minutes

GUI and Dongle Driver Installation

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Click **Finish** button to complete. Now, Device Management will have the below result

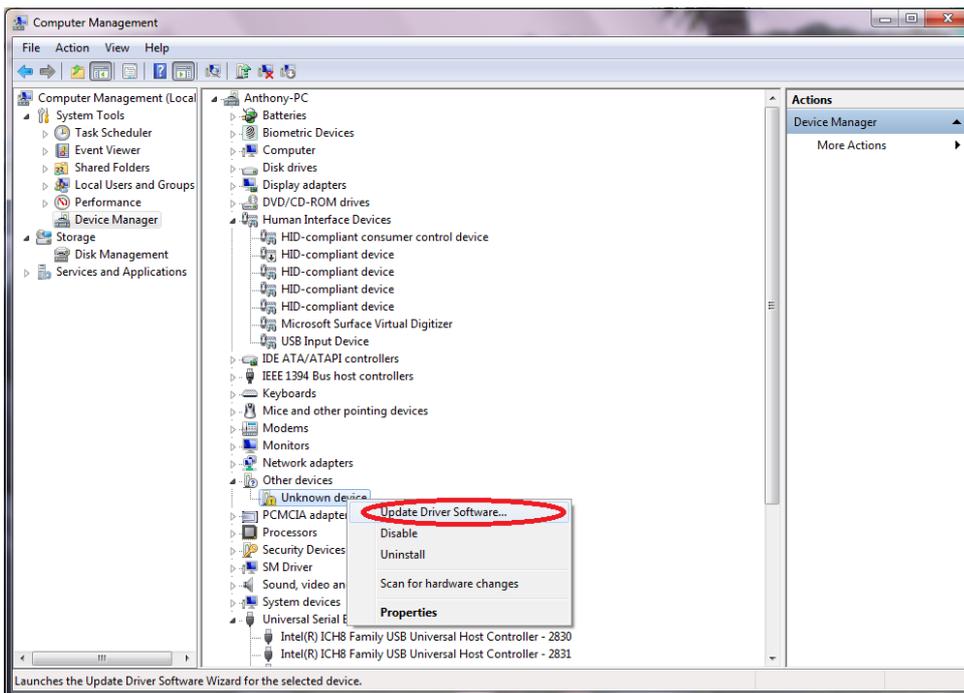


Windows 7 and Windows Vista (32-bit)

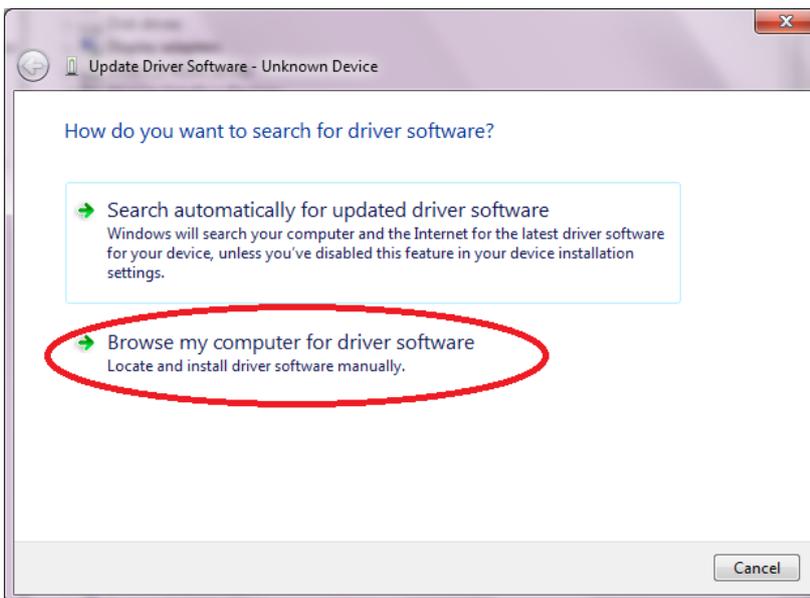
Dongle plug into USB port for the first time, the system will not recognize it. Open Device Management as below:

GUI and Dongle Driver Installation

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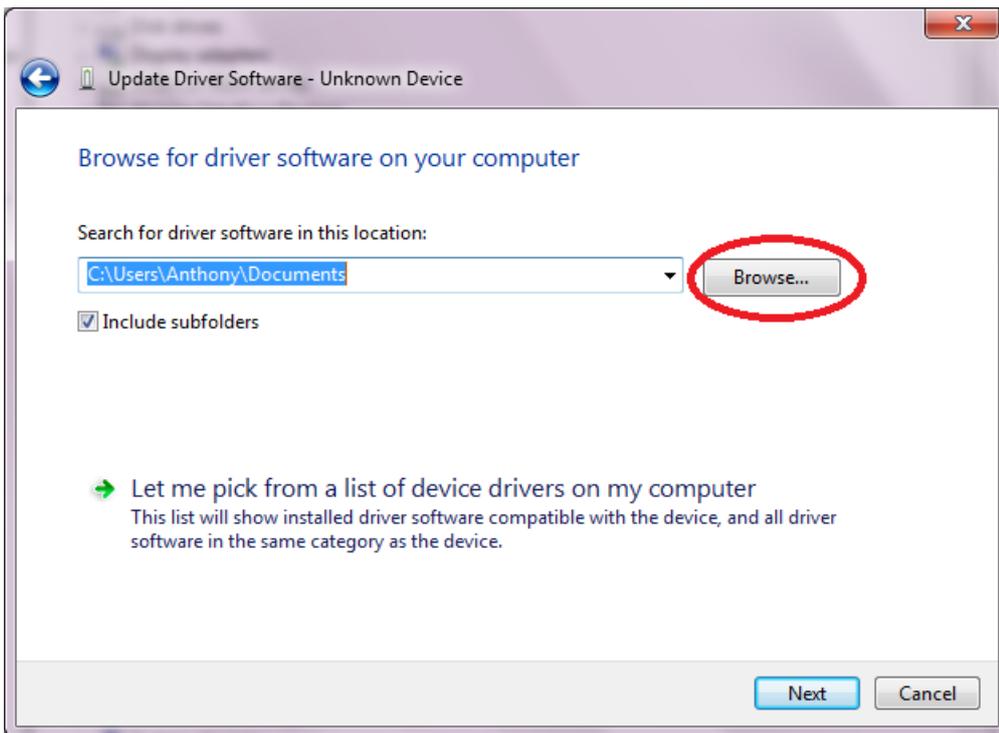
Right click on **Unknown device** and choose **Update Driver Software...**



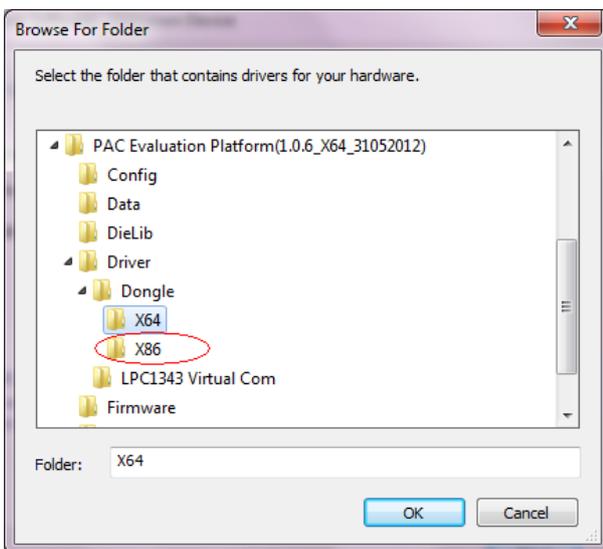
In window appear, choose **Browse my computer for driver software**

GUI and Dongle Driver Installation

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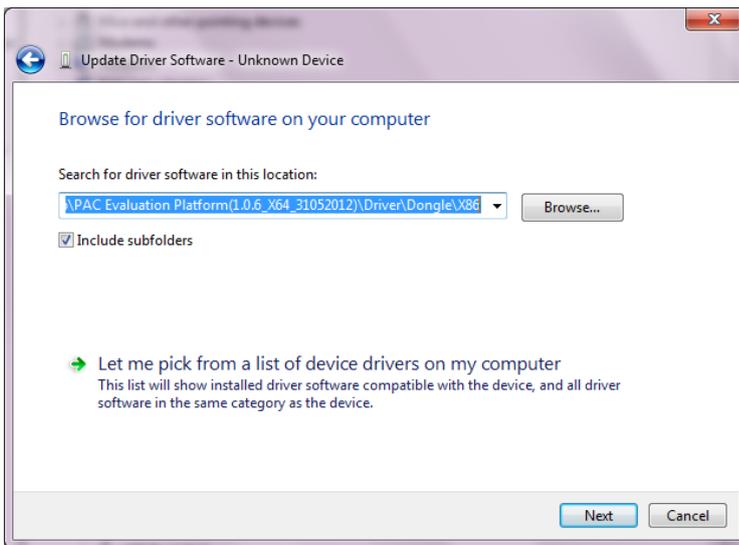
Click **Browse** button to select **X86** folder in **.../Driver** directory as below picture:



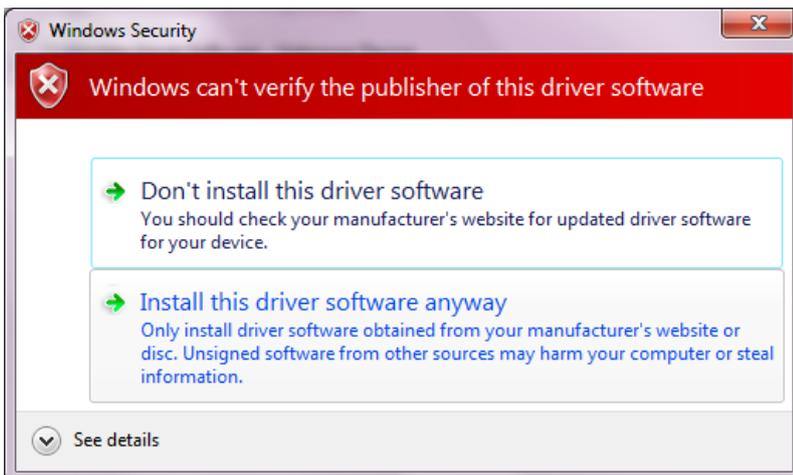
Then click OK button

GUI and Dongle Driver Installation

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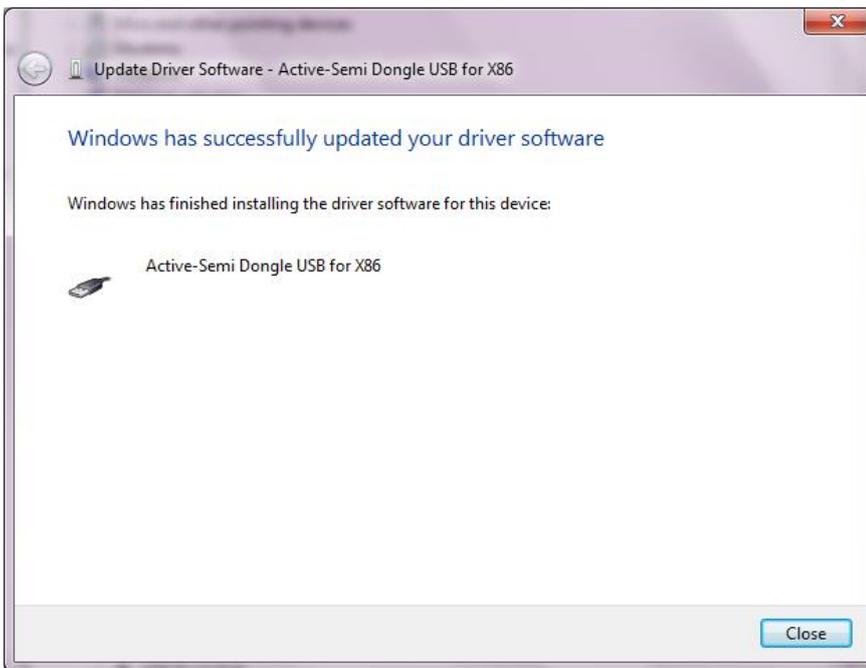
Click **Next** button to continue



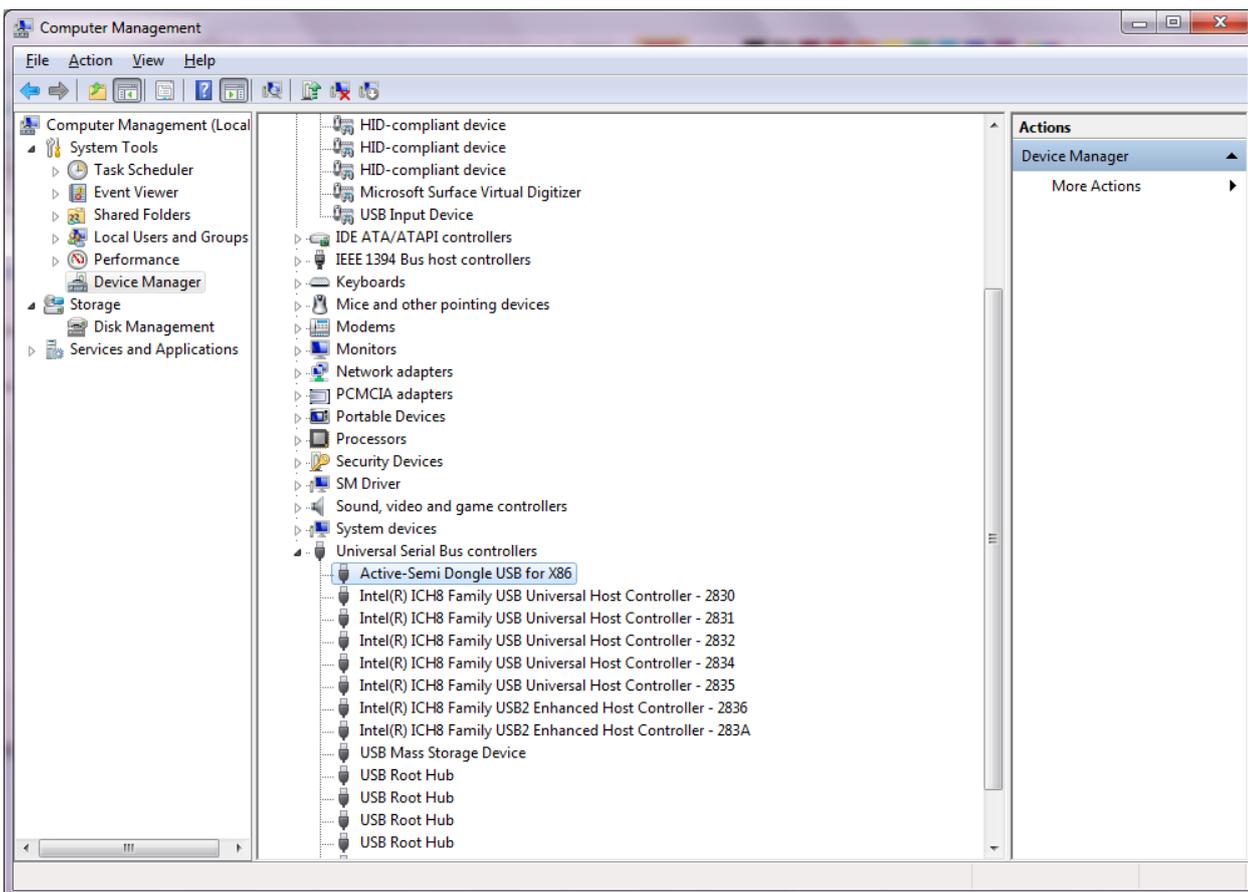
Click **Install this driver software anyway**

GUI and Dongle Driver Installation

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Click **Close** button to complete. Device Management will have the below result:



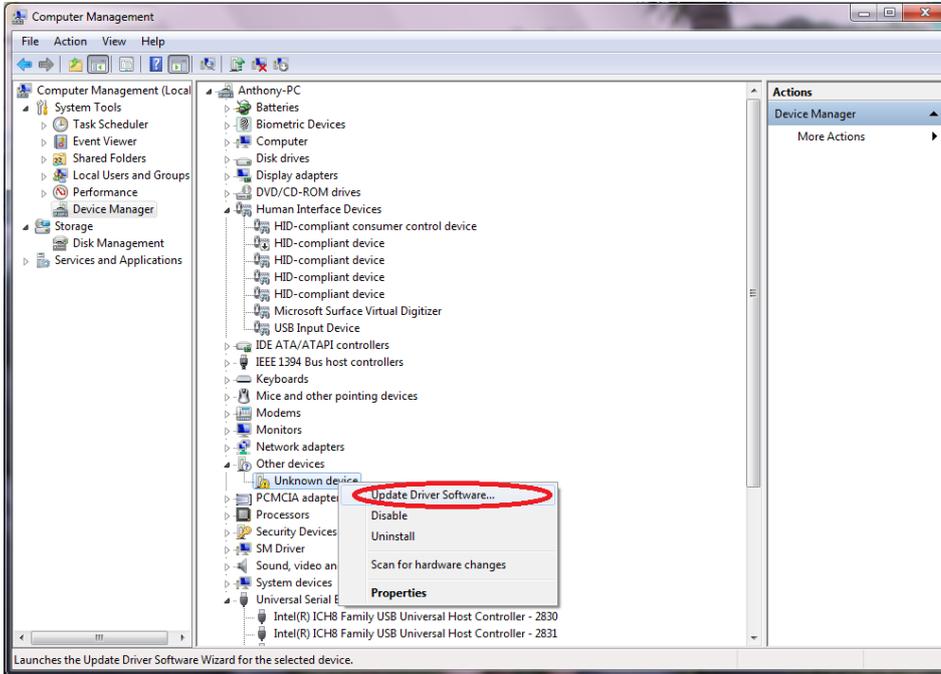
GUI and Dongle Driver Installation

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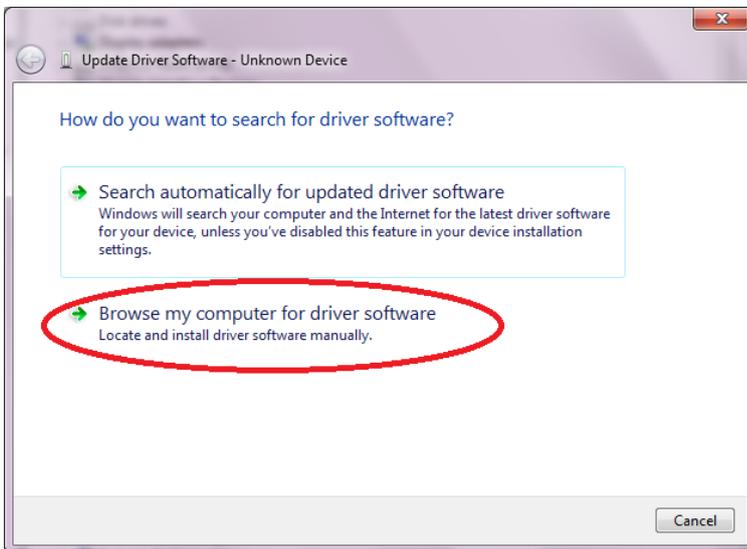


Windows 7, Windows 8 and Windows Vista (64-bit)

First time Dongle plug into USB port, the system will not recognize it. Open Device Management as below:



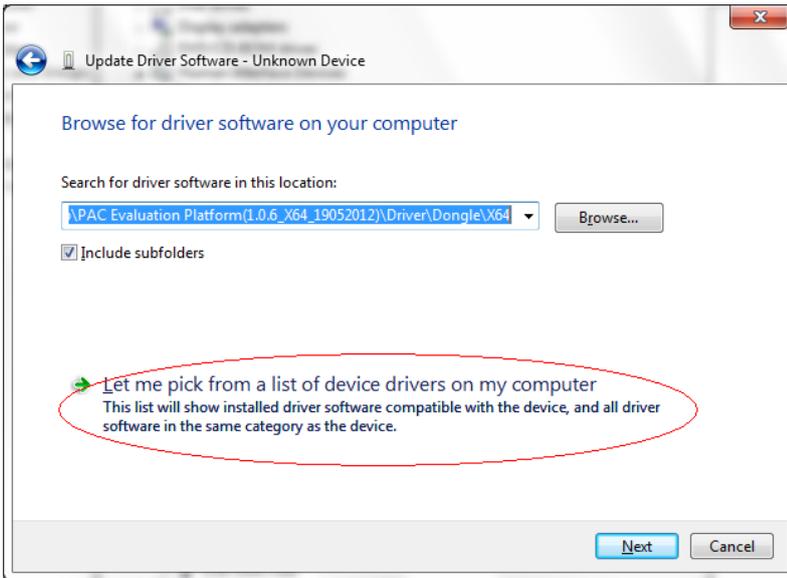
Right click on **Unknown device** and choose **Update Driver Software...**



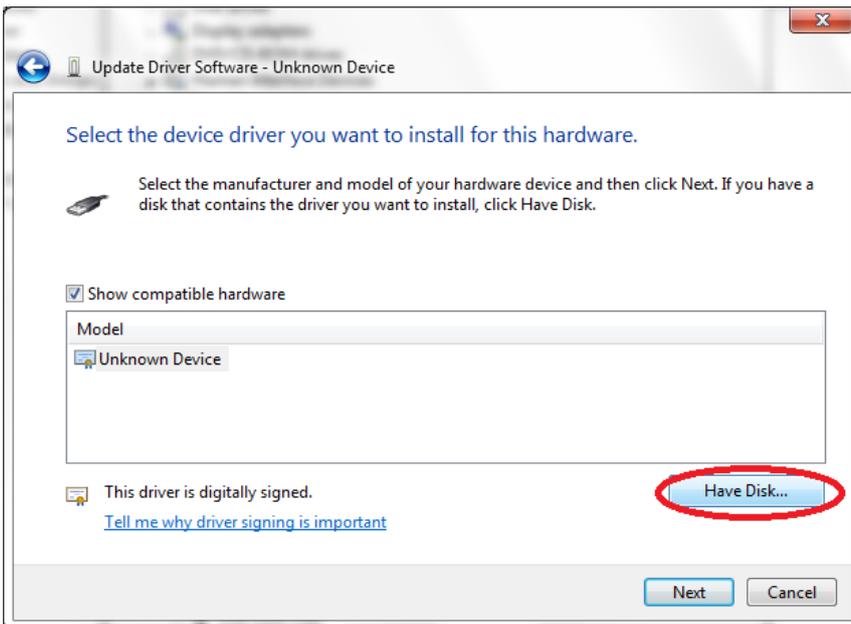
In window appear, choose **Browse my computer for driver software**

GUI and Dongle Driver Installation

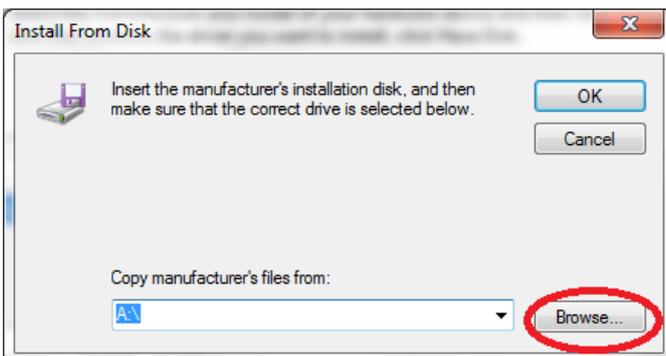
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Click on **Let me pick from a list of device drivers on my computer** button. A new window appears as below picture:



Click on **Have Disk** button to select driver

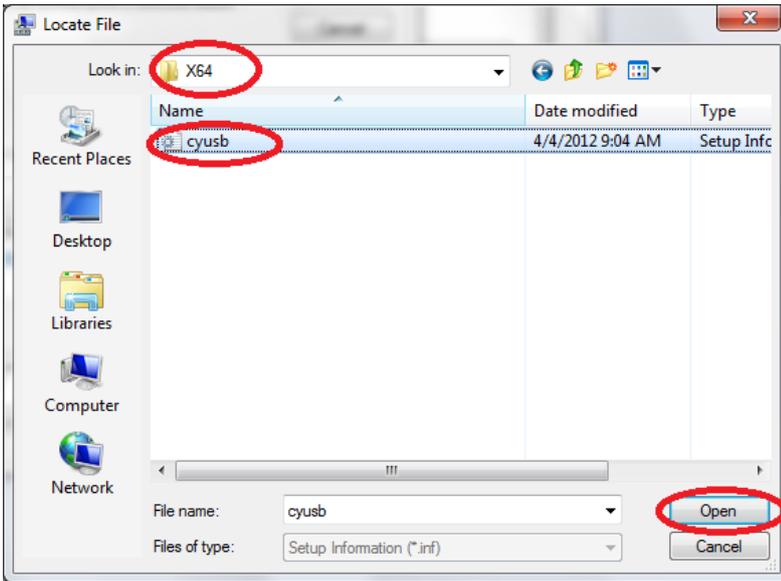


GUI and Dongle Driver Installation

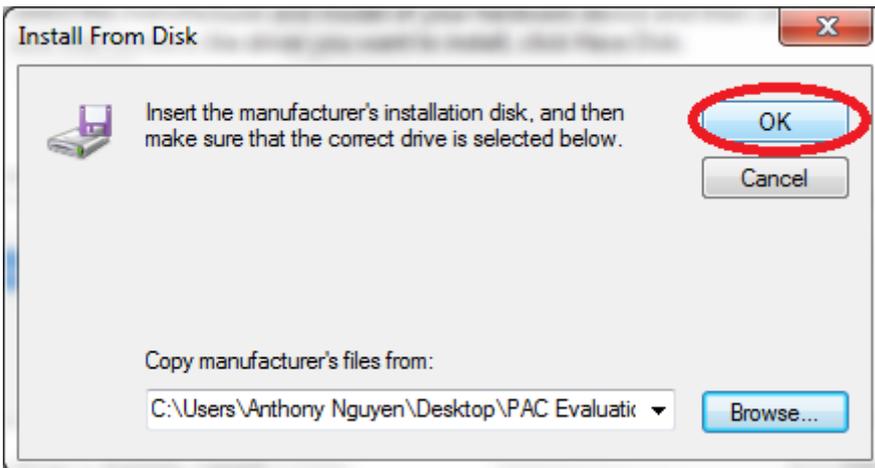
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Click on **Browse..** button to select **cyusb.inf** file in **../ Driver/X64** folder



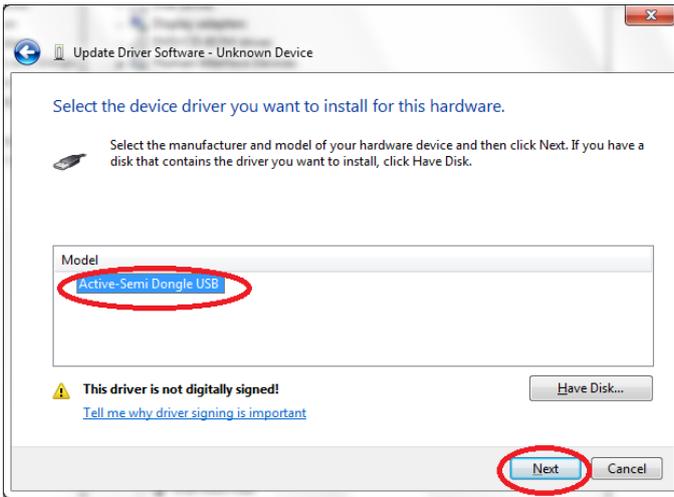
Click on **Open** button to continue



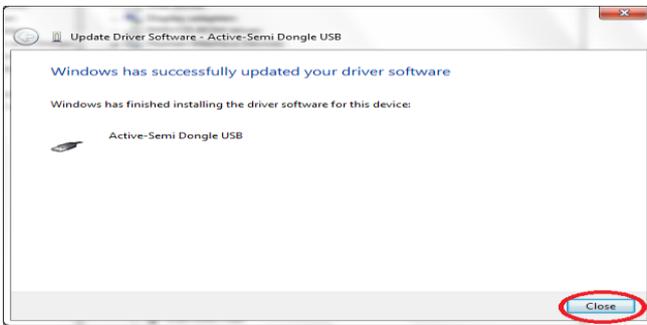
Click on **OK** button to confirm the selected driver

GUI and Dongle Driver Installation

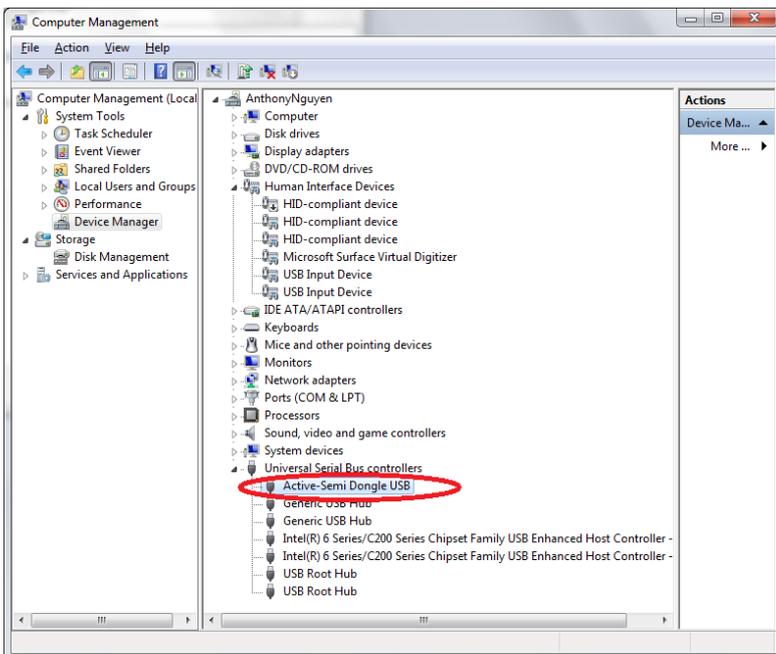
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Click on **Qorvo Dongle USB** and then click **Next** button to start installing the driver



Click **Close** button to complete. Device Management will have the below result:



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Windows 10

For Windows 10 user, the Windows 10 will automatically install the driver of the dongle once it first plug into PC's USB port under the name of "Cypress FX1 Default ID – EEPROM missing" USB controller.

- ▼  Universal Serial Bus controllers
-  Cypress FX1 Default ID - EEPROM missing

Install Microsoft .NET Framework 3.0 or later

The GUI requires PC has Microsoft .NET Framework 3.0 or later installed. Download and install the .NET Framework 3.0 from Microsoft official website in following link:

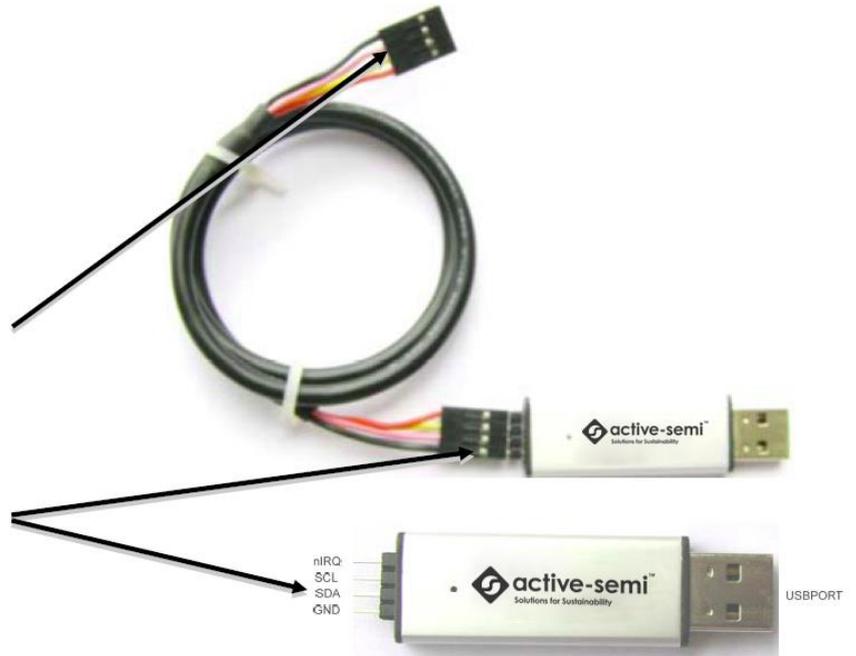
<https://www.microsoft.com/en-us/download/details.aspx?id=3005>

Using The Qorvo's USB-to-I²C Dongle

The Qorvo's USB-to-I²C dongle allows user to communicate with the IC from the GUI. The dongle has 4 terminals, however user should only use 3 terminals for I²C communication. Connect GND-SDA-SCL from the dongle to GND-SDA-SCL of the I²C-device under test per the dongle's terminal arrangement as picture below:

Dongle Cable Connector
(Black Wire Connected to
GND of the I²C jumper on
the EVK board)

Dongle Cable Connector
(Black Wire Connected to
GND)



Contact Information

For the latest specifications, additional product information, worldwide sales and distribution locations:

Web: www.qorvo.com

Email: customer.support@qorvo.com

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