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.

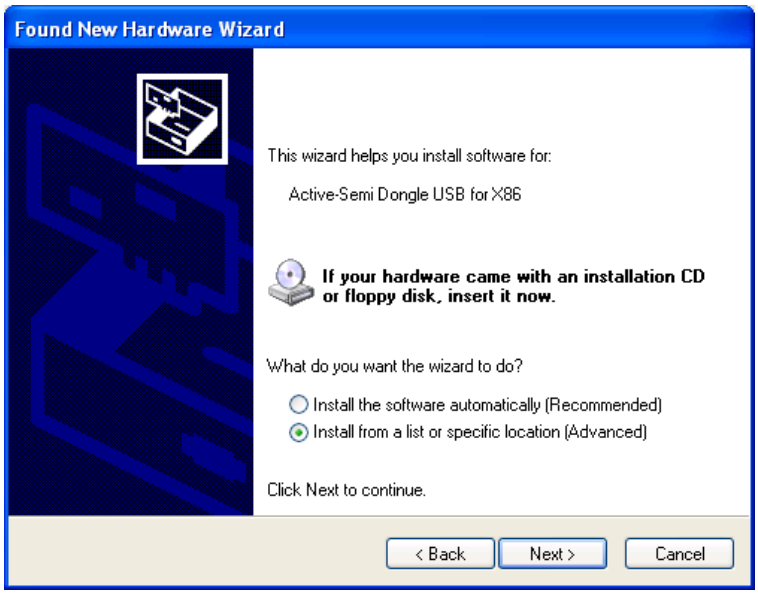
Install Driver of the USB-to-I²C Dongle

The Qorvo GUI only works on a PC with the driver of Qorvo's USB-to-I²C dongle successfully installed. Qorvo provide an offline dongle driver installer patch for Windows PC (including Windows7, Windows8, Windows8.1 and Windows10). Follow the below instruction to install the driver successfully

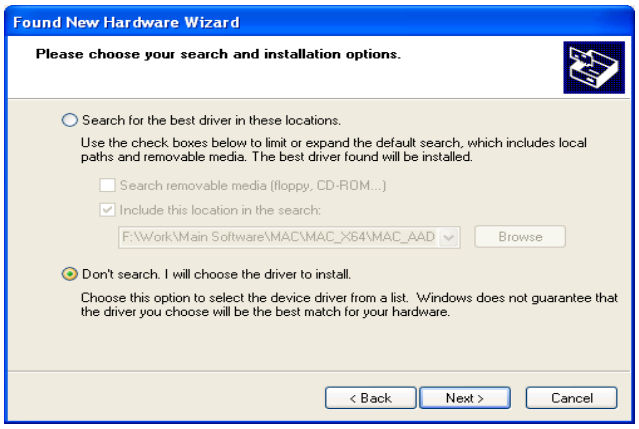
Windows XP

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

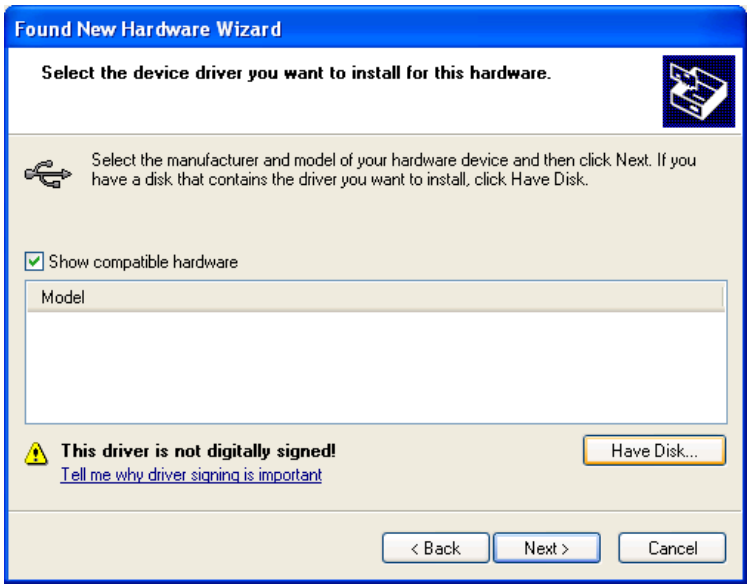
Choose **No, not this time** then click **Next** button. Another pop-up window appears as below:



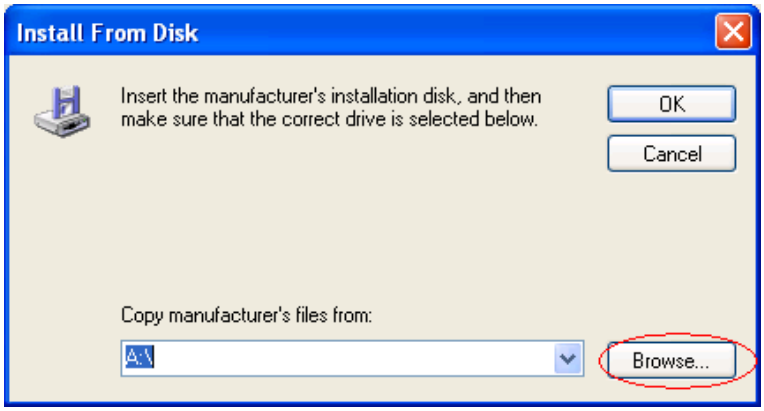
Choose **Install from a list or specific location (Advanced)** then click **Next** button. A new window appears as below:



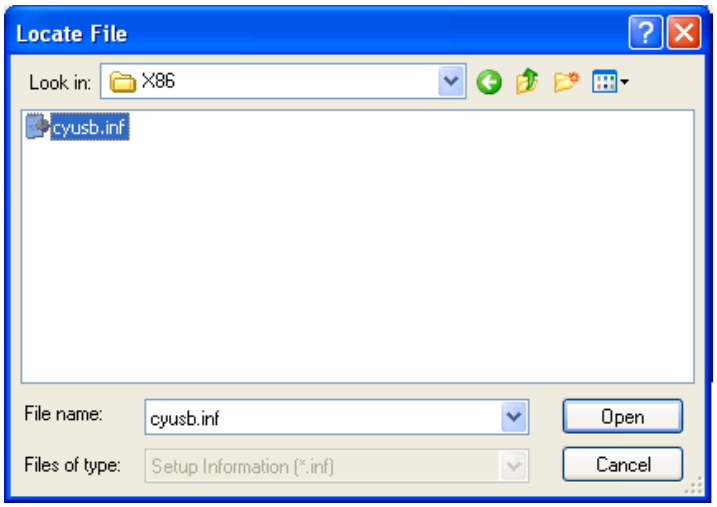
Choose **Don/t search. I will choose the driver to install** then click **Next** button.



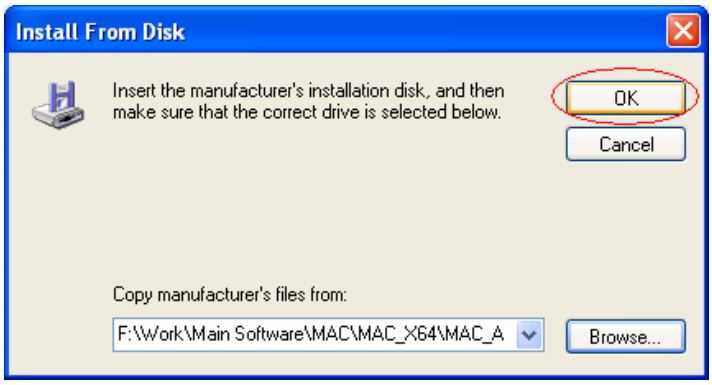
In the new window appears, click on **Have Disk** button



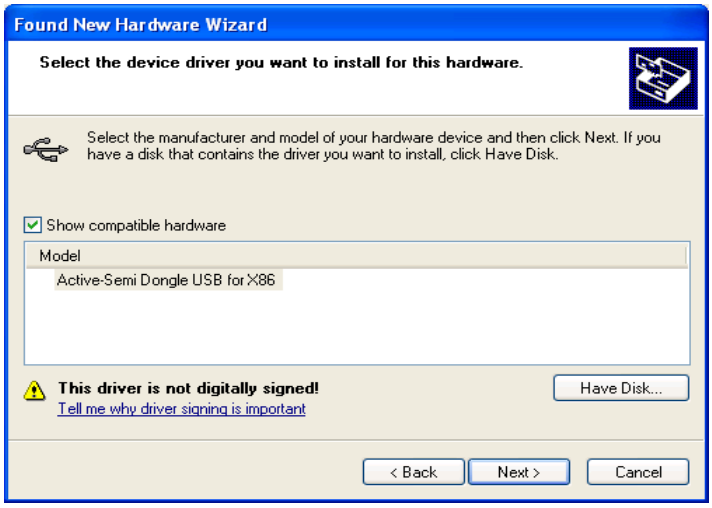
In the new window appears, click on **Browse** button



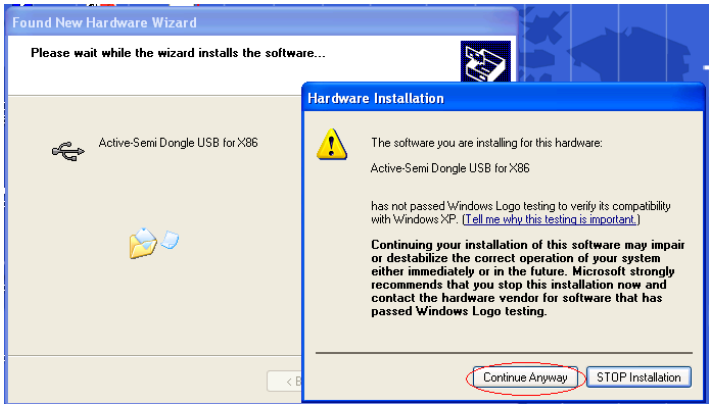
Select **cyusb.inf** in **...\ Driver\X86 folder** and then click **Open** button



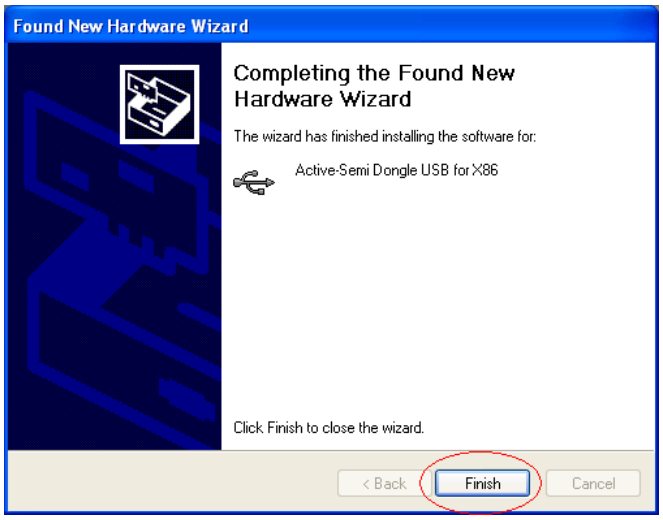
Click **OK** button



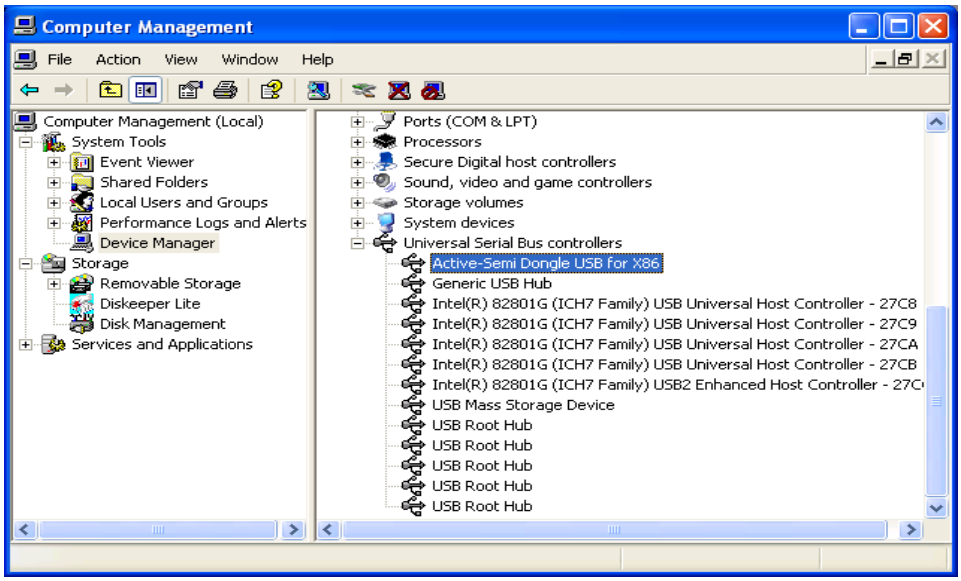
In window appears, choose **Qorvo Dongle USB for X86** in model group and then click **Next** button



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

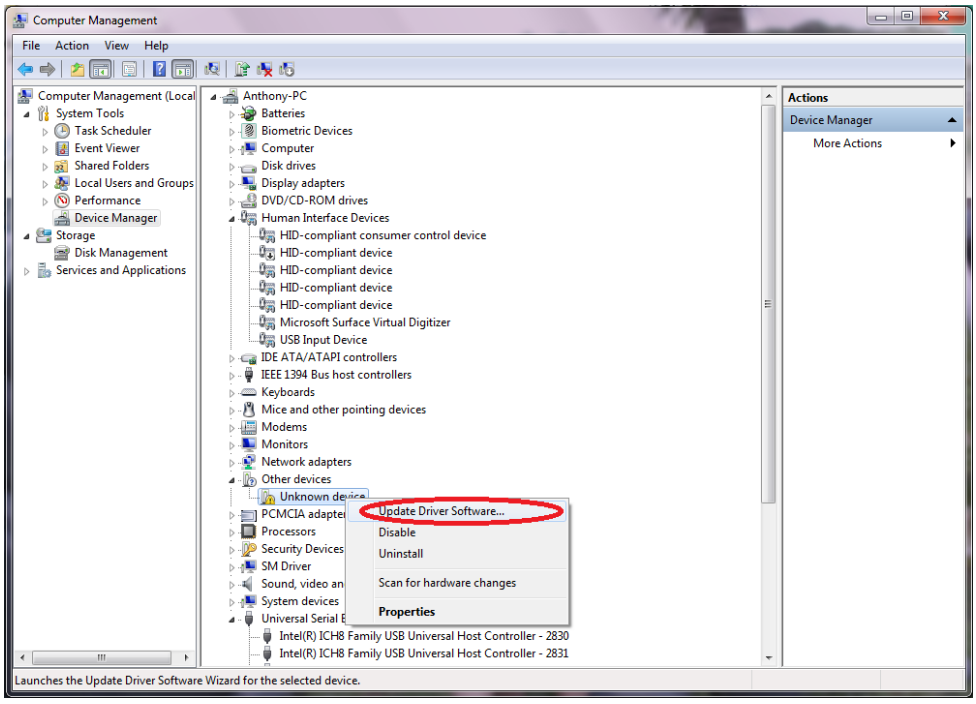


Click **Finish** button to complete. Now, Device Management will have the below result

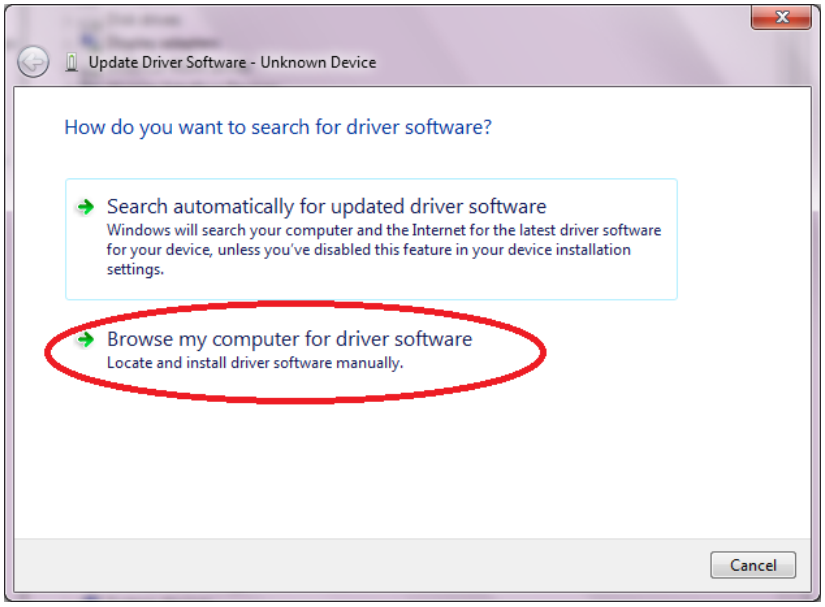


Windows 7 and Windows Vista (32-bit)

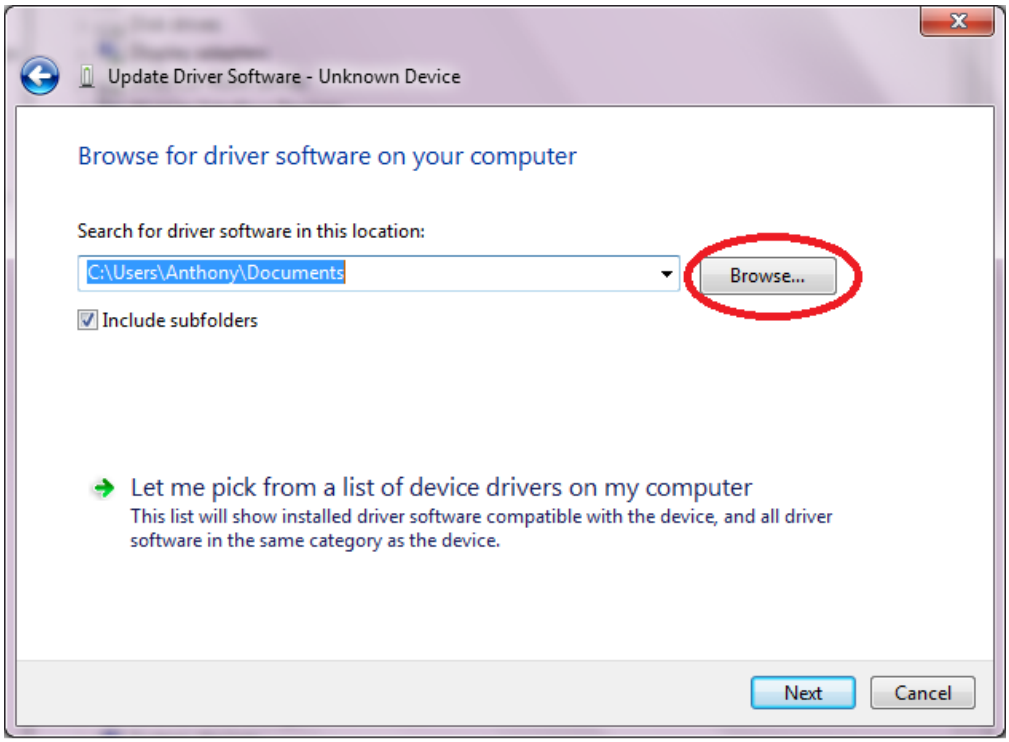
Dongle plug into USB port for the first time, the system will not recognize it. Open Device Management as below:



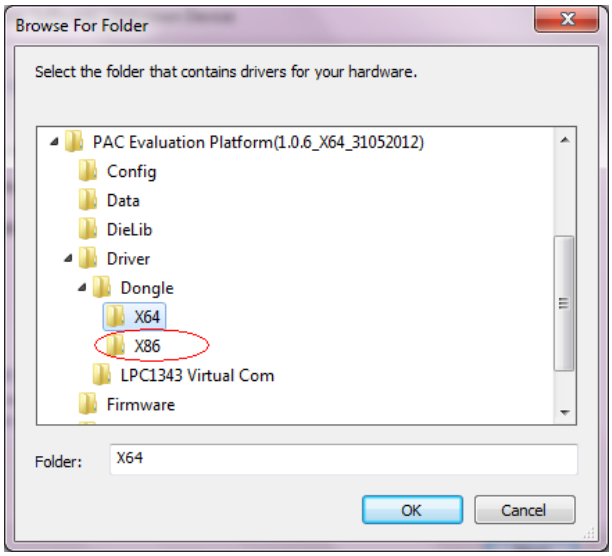
Right click on **Unknow device** and choose **Update Driver Software...**



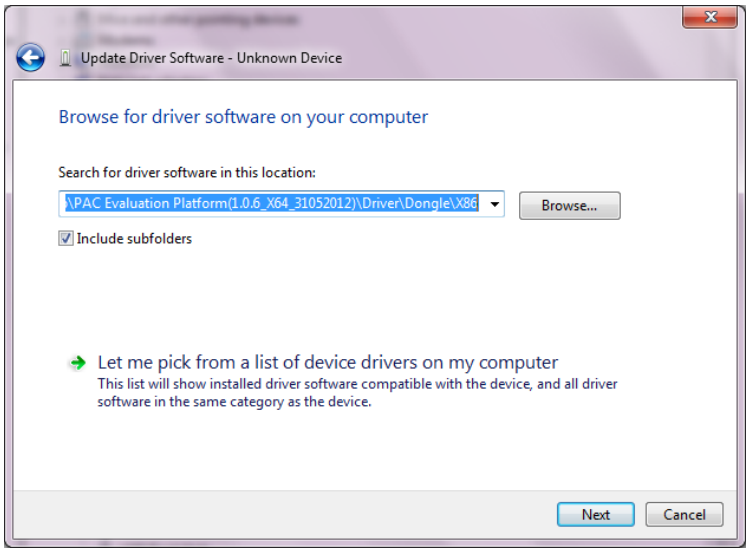
In window appear, choose **Browse my computer for driver software**



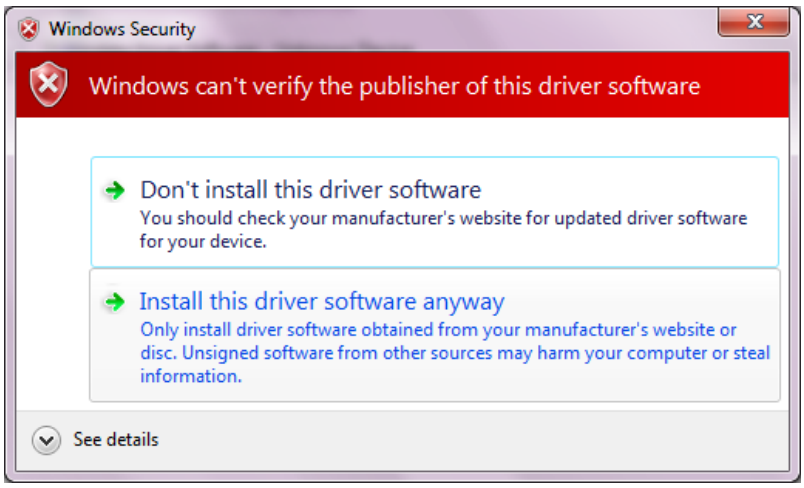
Click **Browse** button to select **X86** folder in **.../Driver** directory as below picture:



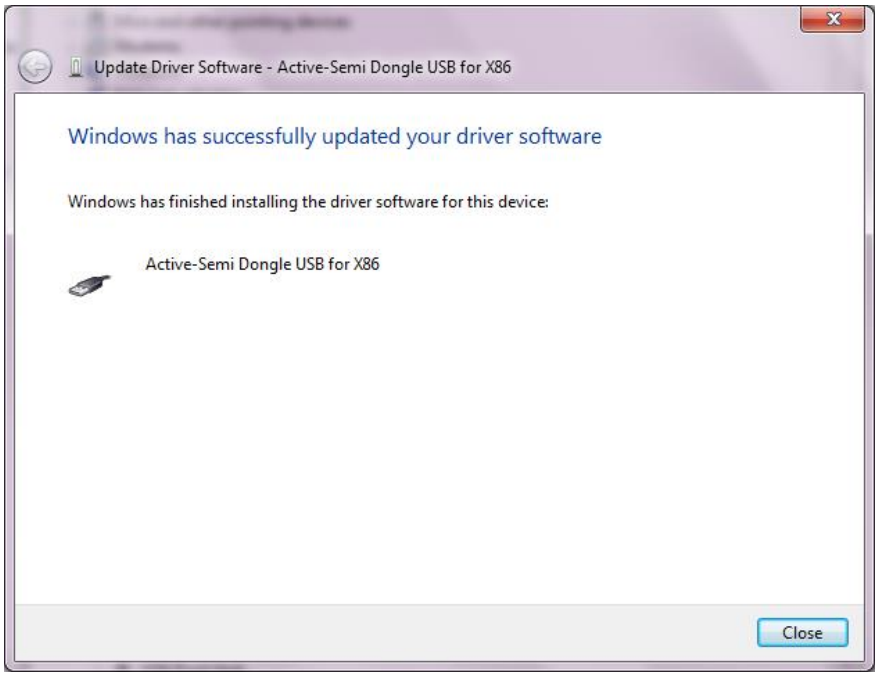
Then click OK button



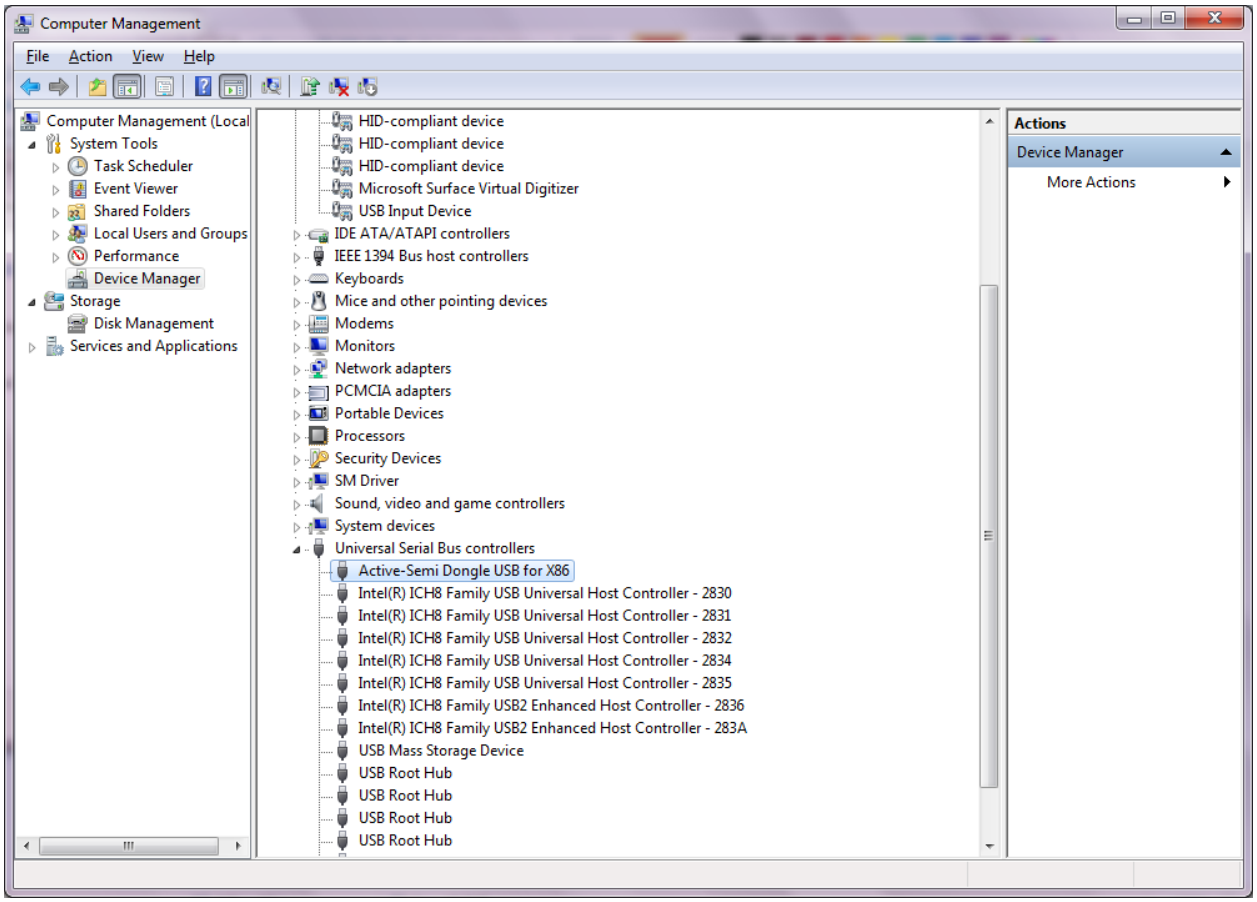
Click **Next** button to continue



Click **Install this driver software anyway**

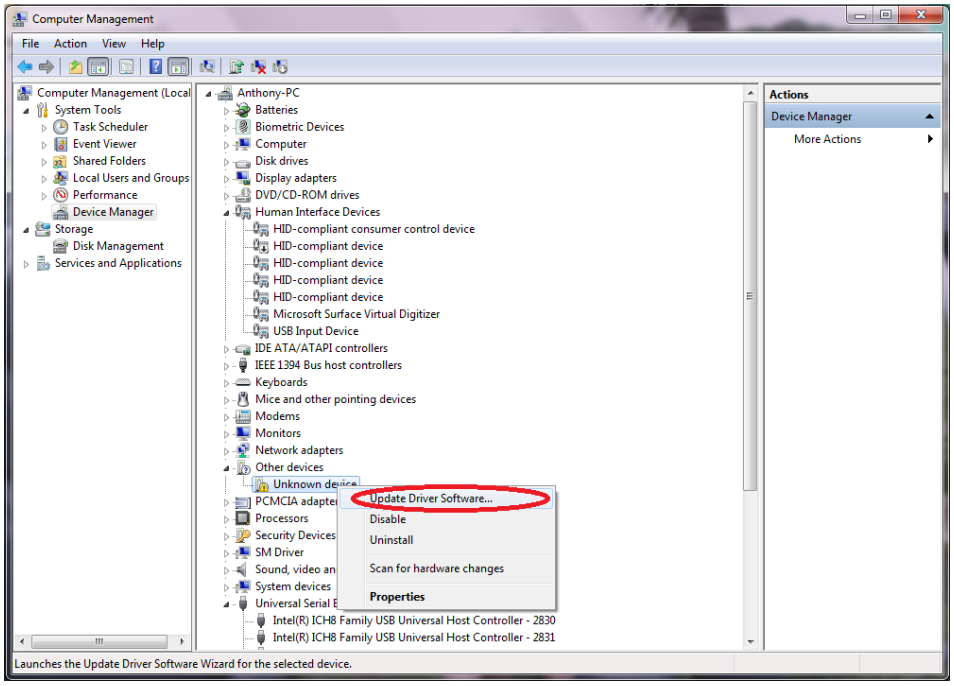


Click **Close** button to complete. Device Management will have the below result:

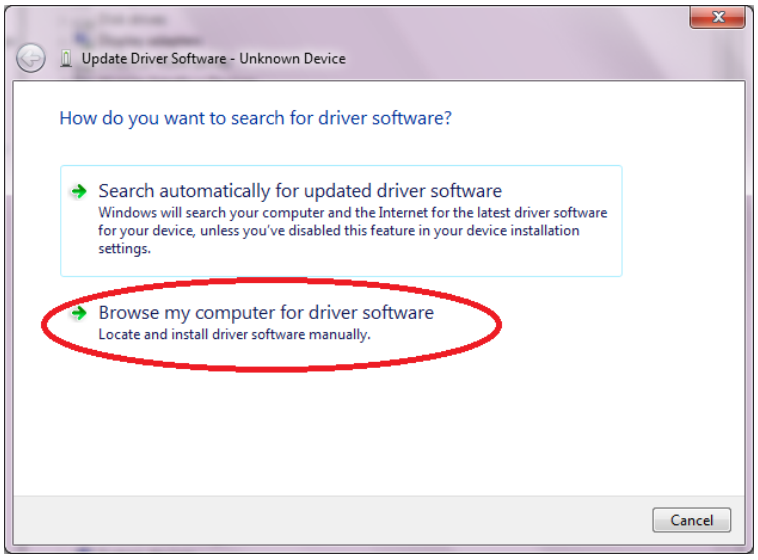


Windows 7, Windows 8, Windows Vista (64-bit) offline installer

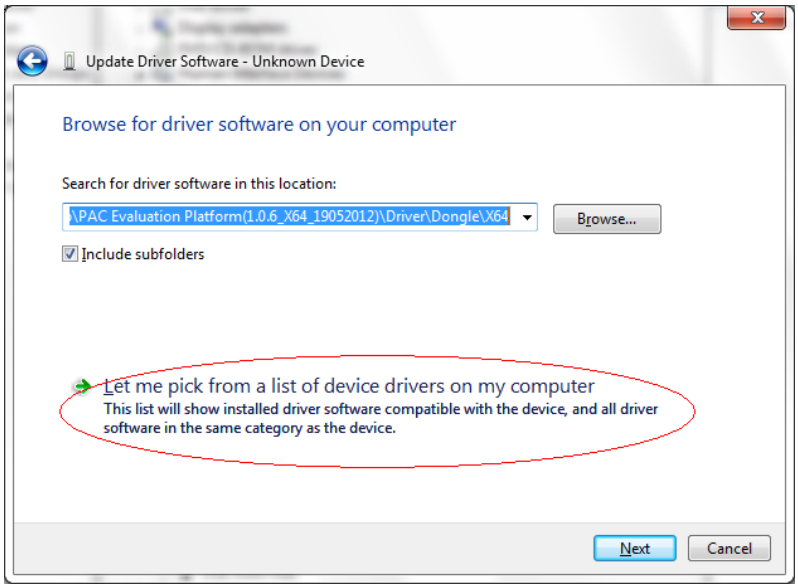
First time Dongle plug into USB port, the system will not recognize it. Open Device Management as below:



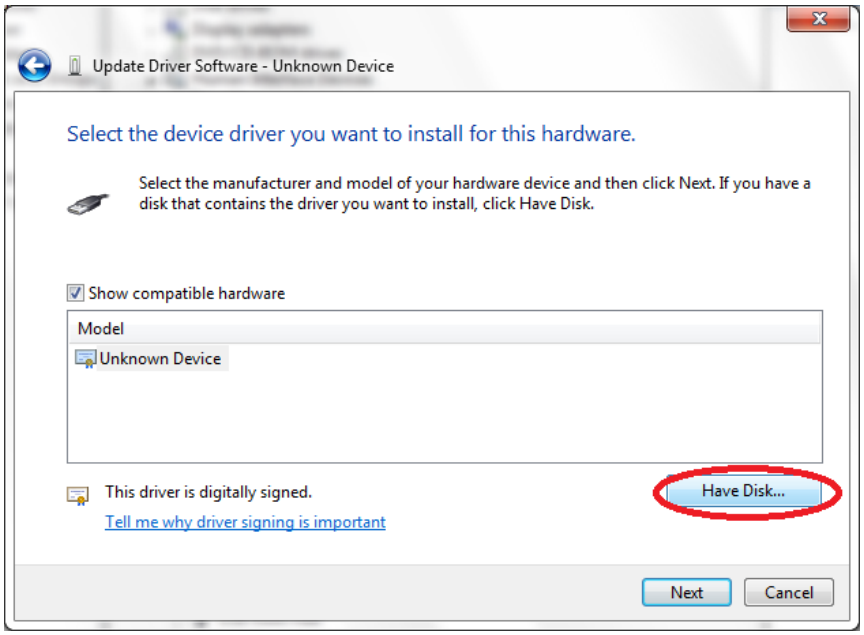
Right click on **Unknow device** and choose **Update Driver Software...**



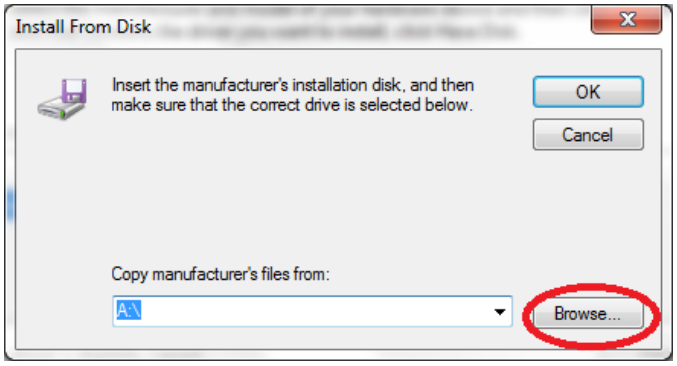
In window appear, choose **Browse my computer for driver software**



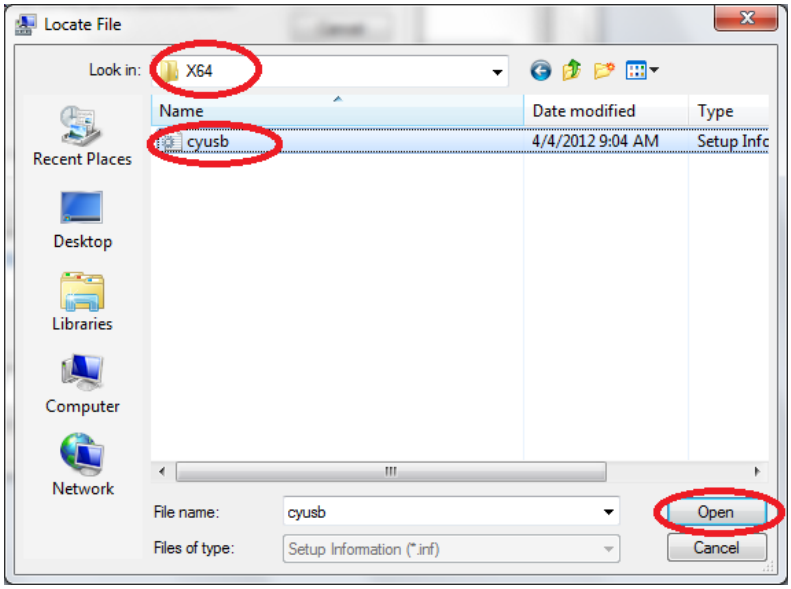
Click on **Let me pick from a list of device drivers on my computer** button. A new window appears as below picture:



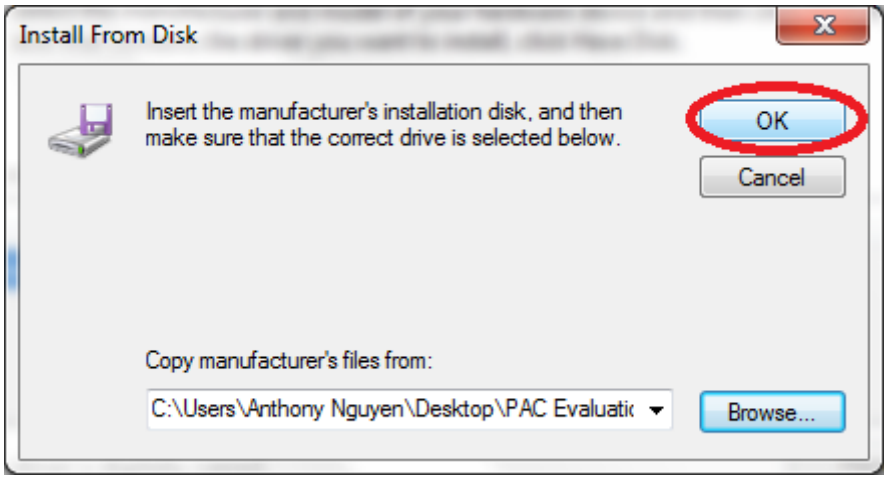
Click on **Have Disk** button to select driver



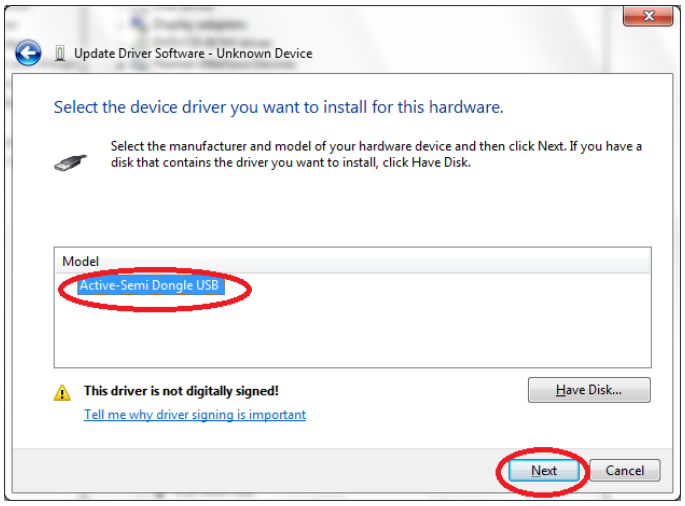
Click on **Browse..** button to select **cyusb.inf** file in **../ Driver/X64** folder



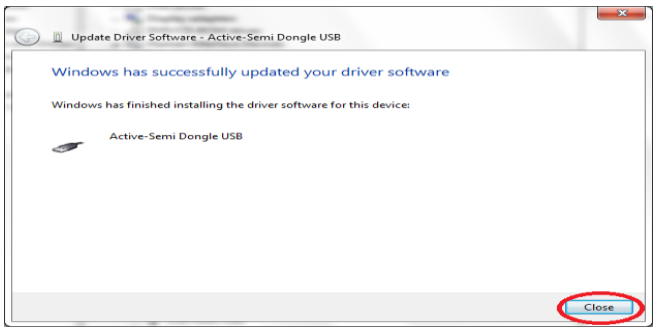
Click on **Open** button to continue



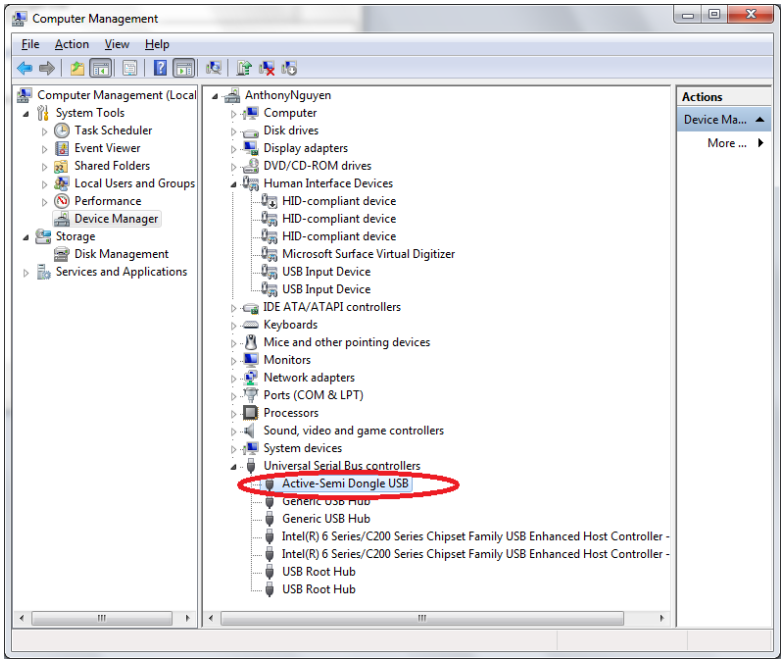
Click on **OK** button to confirm the selected driver



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

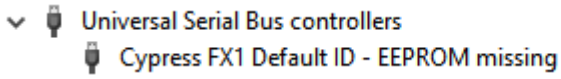


Click **Close** button to complete. Device Management will have the below result:



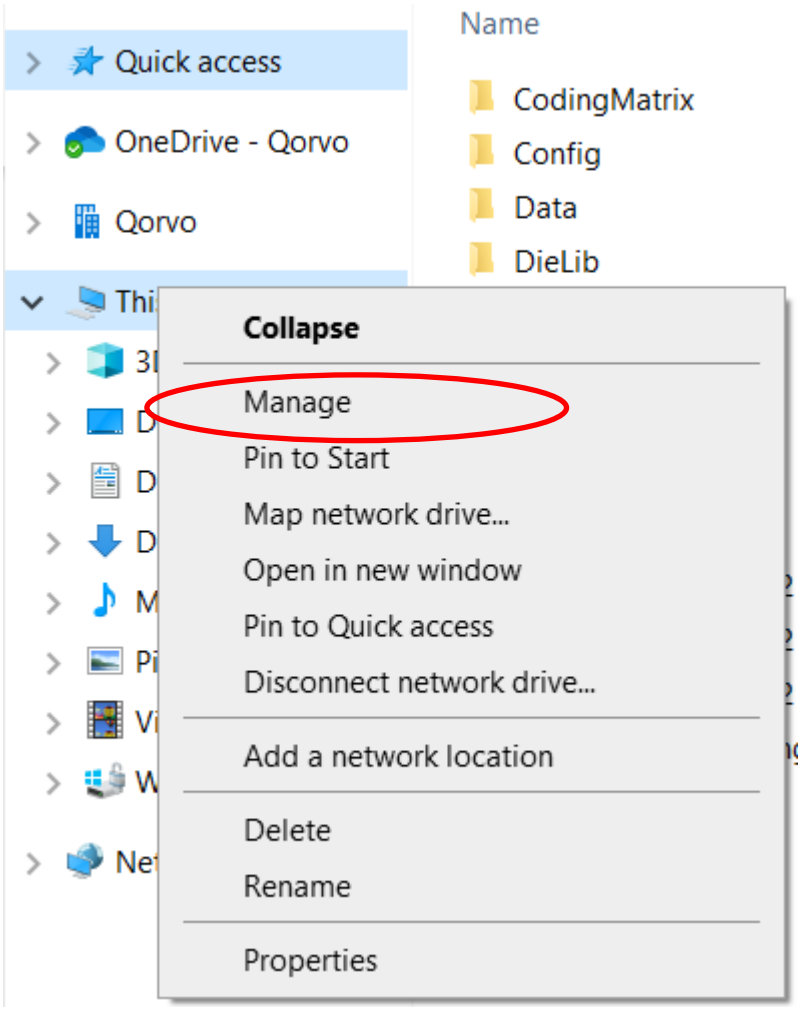
Windows 10

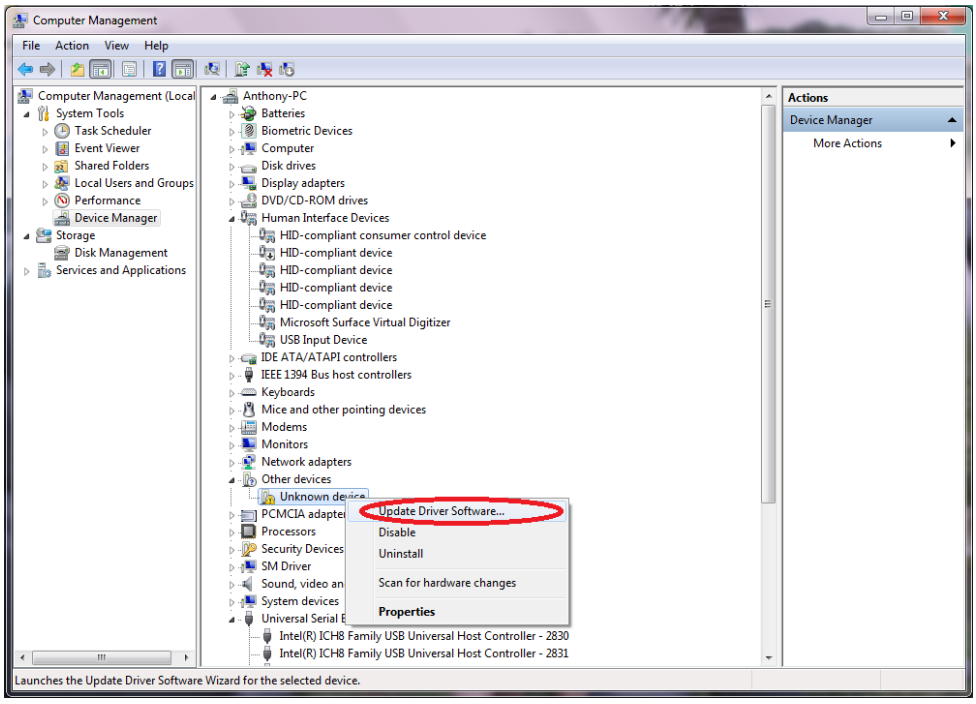
For Windows 10 user with an internet connection, the Windows 10 will automatically install the driver of the dongle once it first plug into PC's USB port. The driver will be displayed under the name of "Cypress FX1 Default ID – EEPROM missing" USB controller.



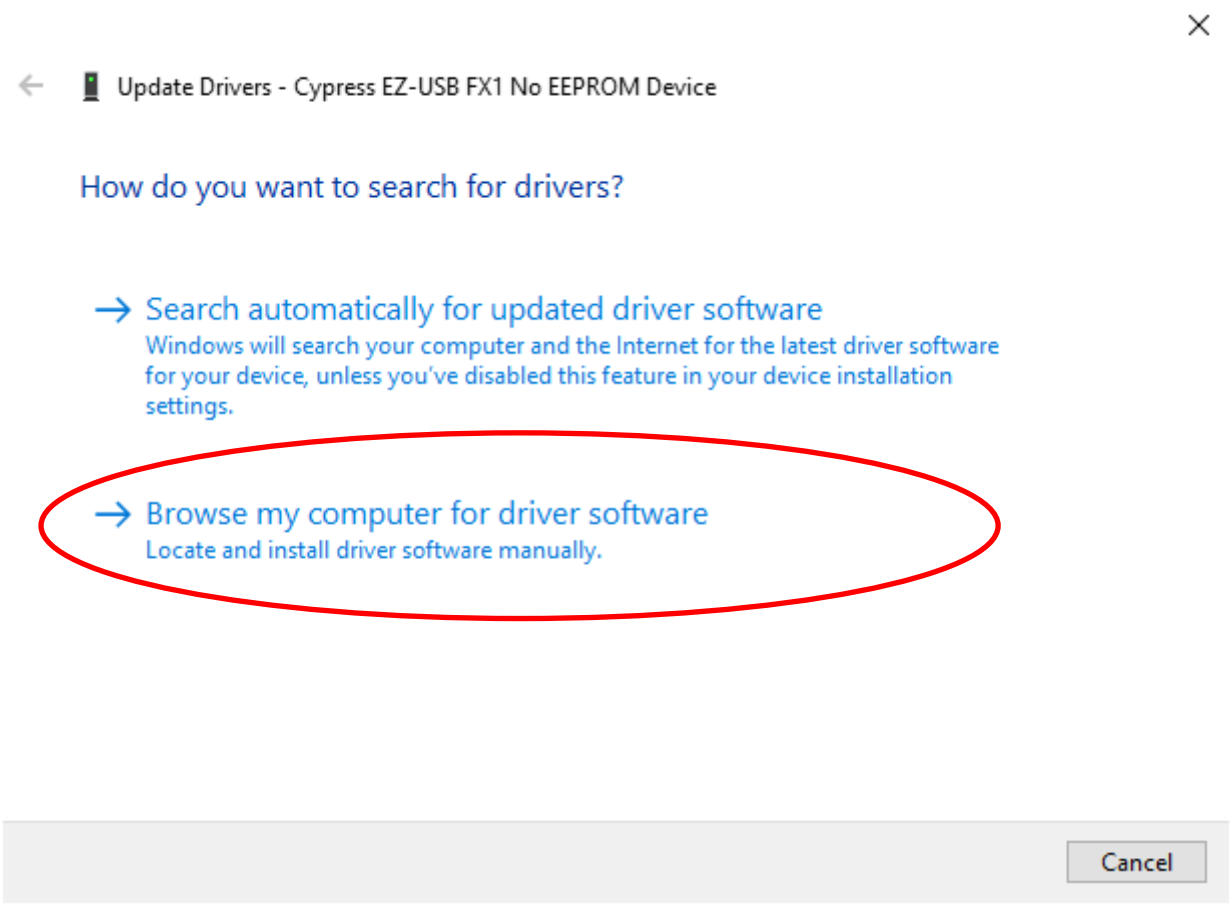
For Windows10 user without an internet connection, please follow instruction below:

Plug dongle into USB port of the Windows 10 PC. Right click to “This PC” then select “Manage”. Right click to Update Driver Software at the unknown device.

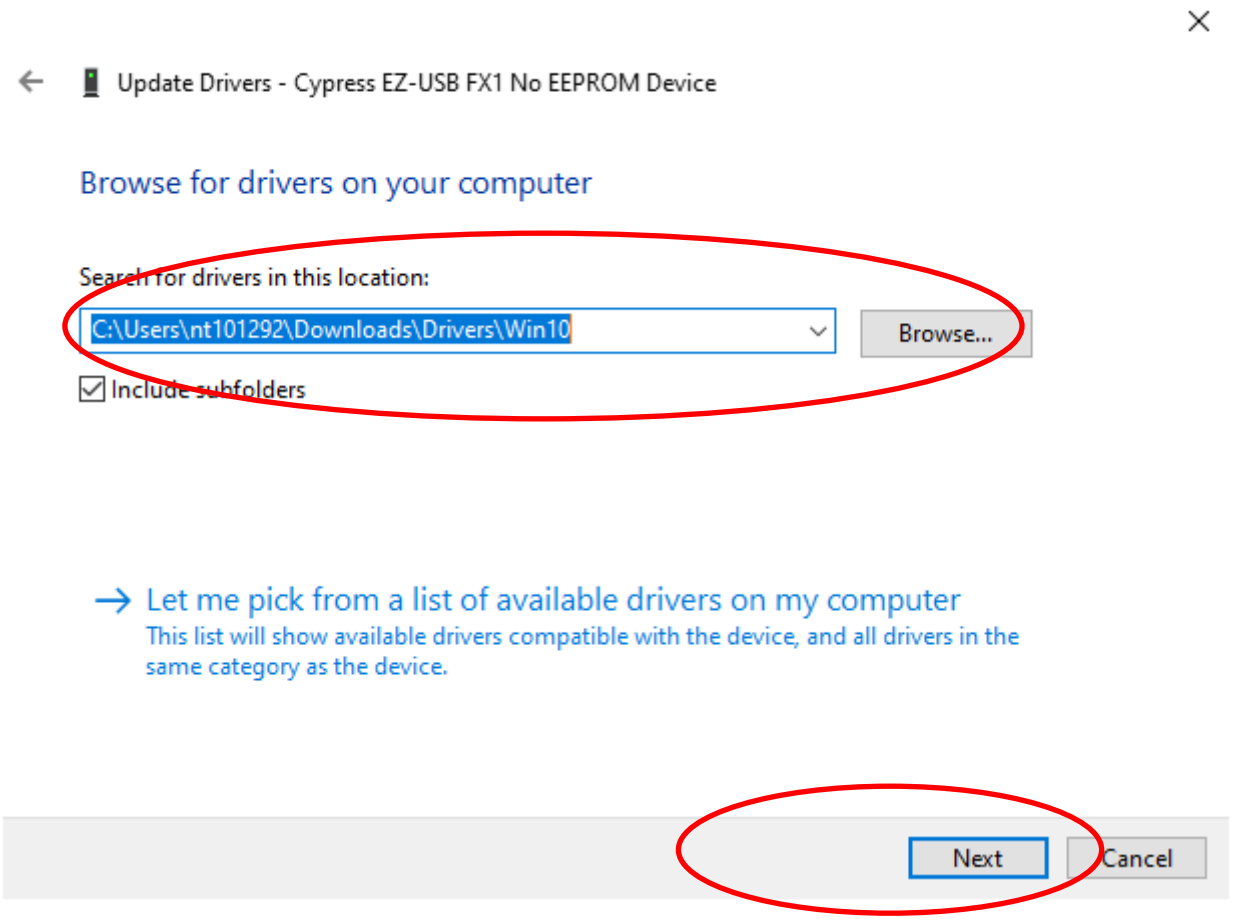




Then select the “Browse my computer for driver software”



Navigate to the downloaded driver folder location on PC hard-drive, click next to complete the driver installation.



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:

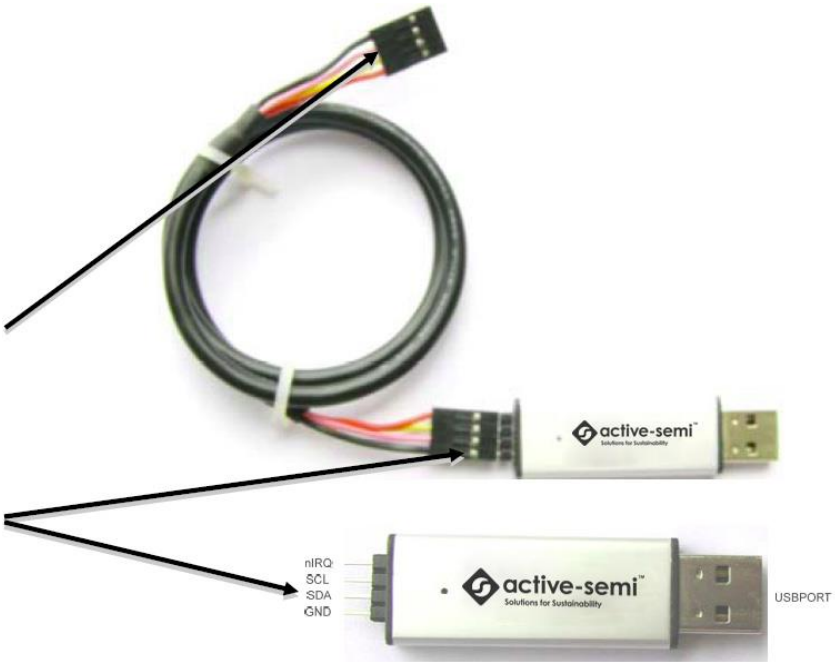
https://www.microsoft.com/en-us/download/details.aspx?id=3005

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:
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Email: customer.support@qorvo.com

Important Notice

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