

Installing FTDI Device Drivers for the QF4A512-DK under Windows 7 and Vista

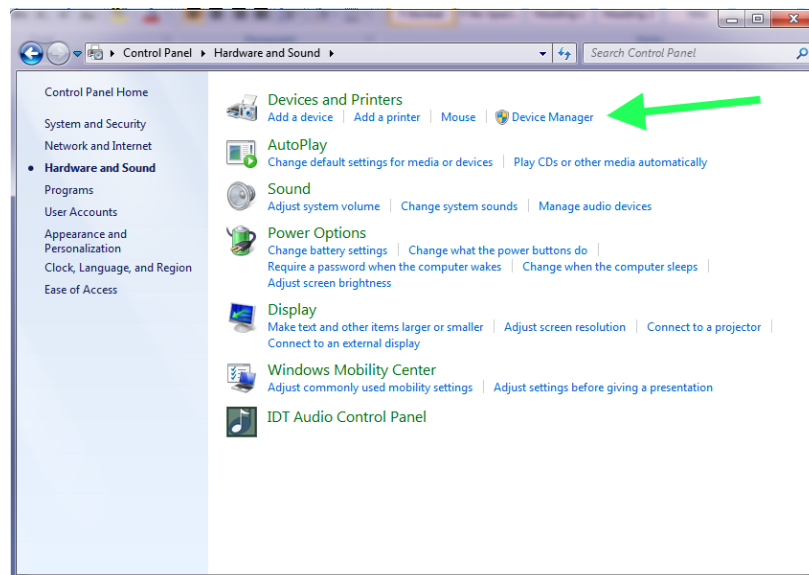
1) Introduction

On first use of the QF4A512-DK development kit, Windows-based computers fail to correctly install the USB device drivers for the industry-standard FTDI interface device used on this board. The simple procedure described in this application note allows for manually installing the drivers and successfully interfacing the development kit a computer running either Windows Vista or Windows 7 operating systems.

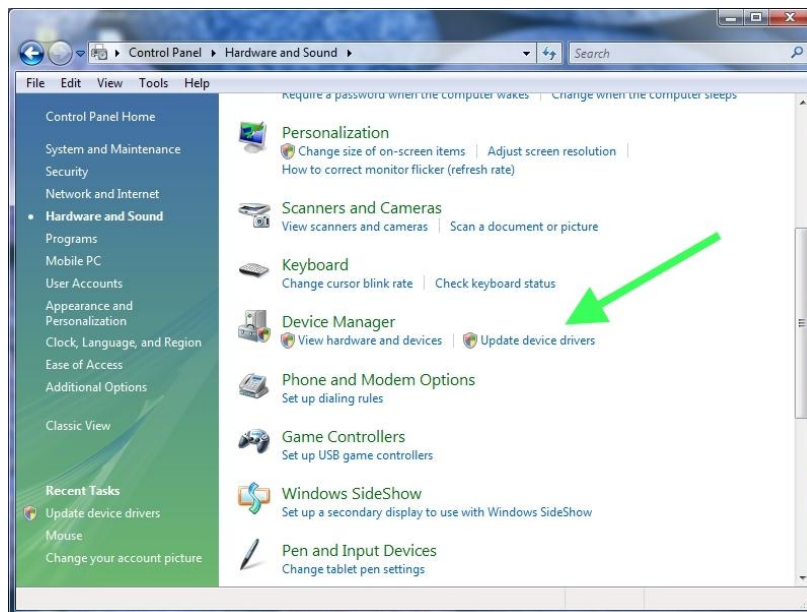
2) Procedure

Step 1: Open Device Manager.

For Windows 7, open the **Control Panel** and select **Hardware and Sound**. **Device Manager** will be a selection under **Devices and Printers**.

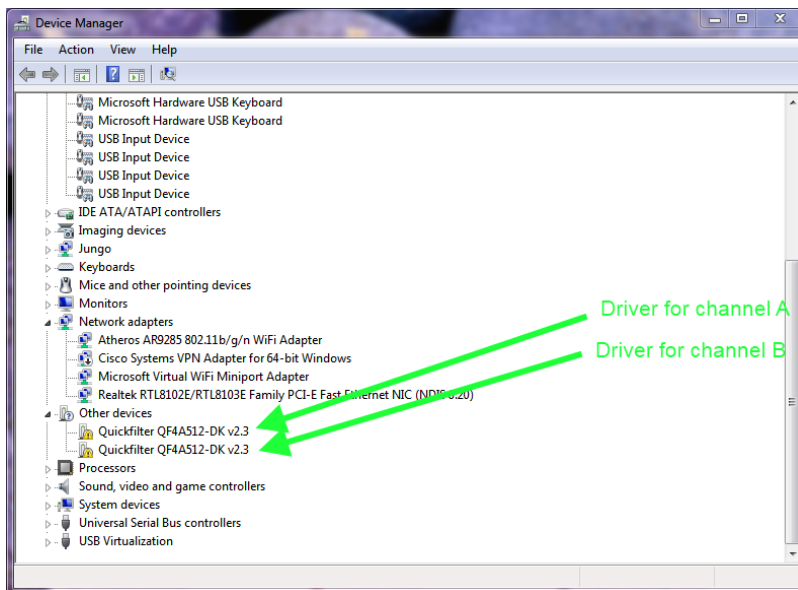


For Vista, open the **Control Panel** and select **Hardware and Sound**. **Device Manager** will be a main selection.



Step 2: Locate the device with the driver error.

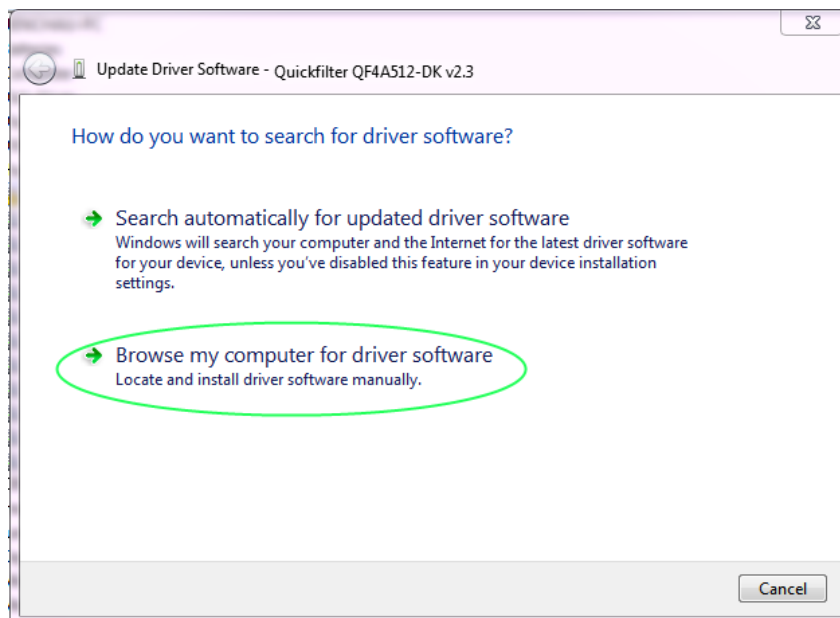
The driver that failed to load correctly will be marked with a small icon of a black exclamation mark on a yellow background. There will be two drivers, one for each of the two channels in the FTDI device.



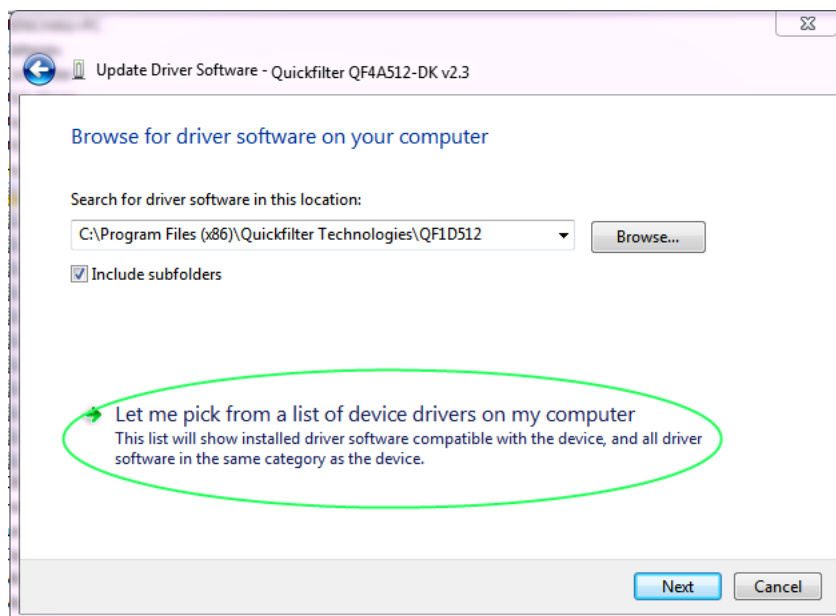
Step 3: Find the correct driver.

Right click on the first faulty driver and select **Update Driver Software...**

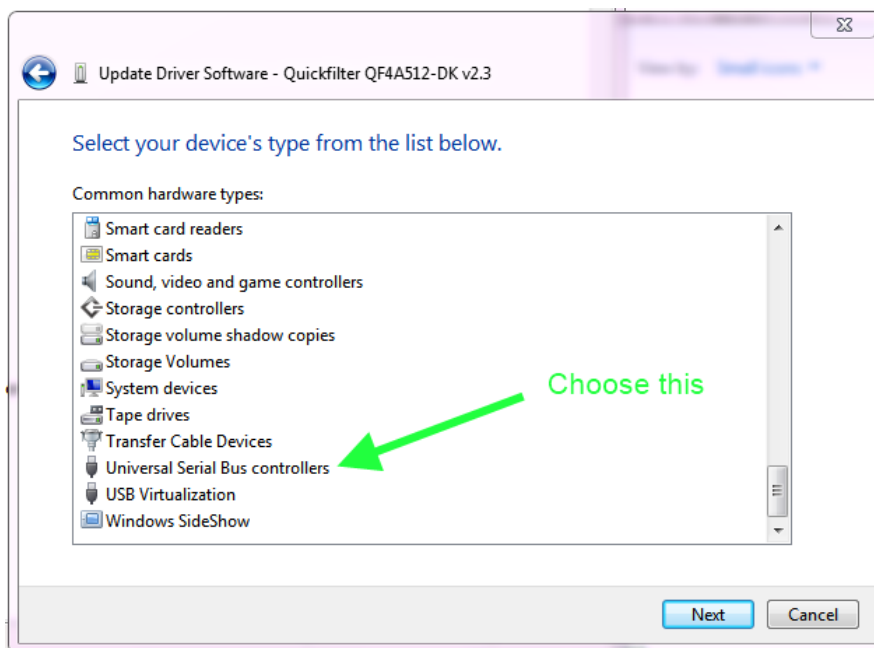
In the **Update Driver** window, select **Browse my computer for driver software**.



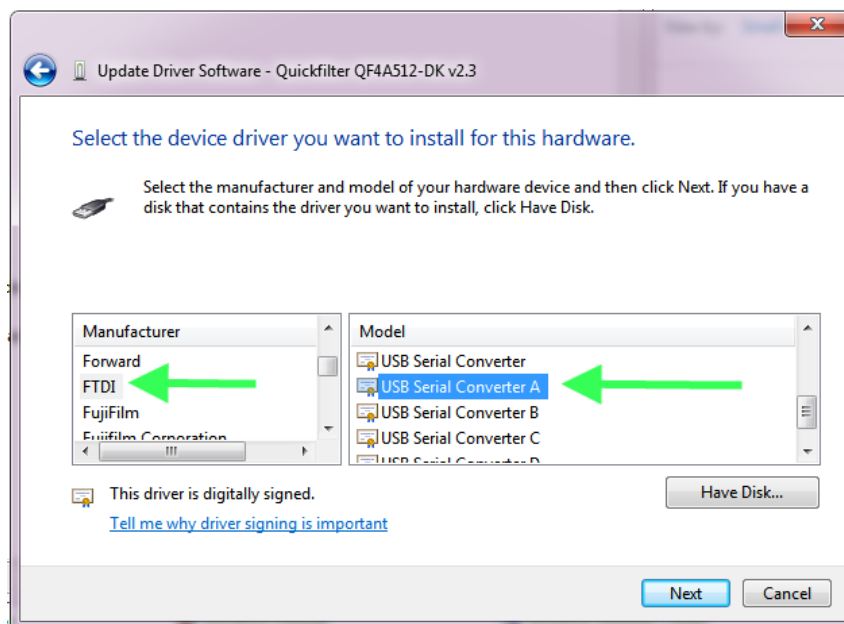
In the next window, select **Let me pick from a list of device drivers on my computer**.



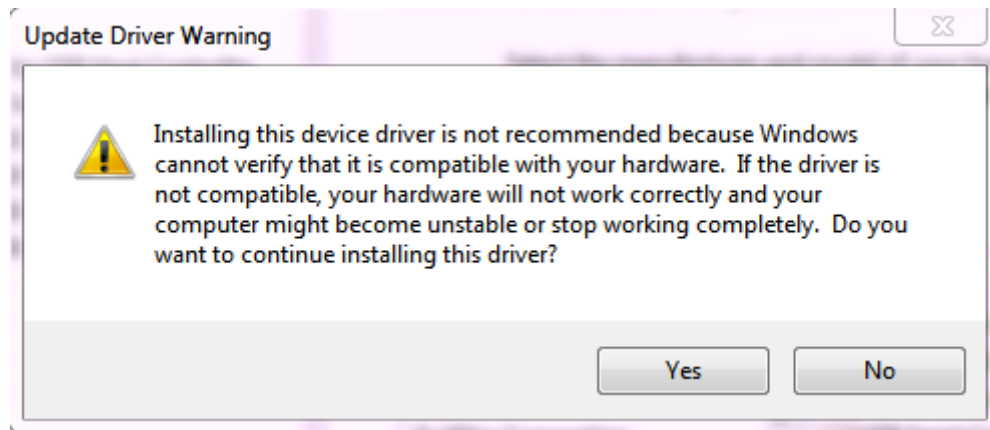
In the next window, select **Universal Bus controllers** and click the **Next** button.



Scroll to and select **FTDI** in the **Manufacturer** window and select **USB Serial Converter A** in the **Model** window. Then click the **Next** button.



Respond to any warnings with permission to continue. The driver will successfully update.
Here is a possible warning:



Step 4: Repeat the above procedure for USB Serial Converter B.

Follow the exact same procedure for channel B, except in Step3, after selecting **FTDI** in the **Manufacturer** window, select **USB Serial Converter B** in the **Model** window and then, complete the process.

End of the Procedure



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