

Installing FTDI Device Drivers for the QF4A512-DK under Windows XP

1) Introduction

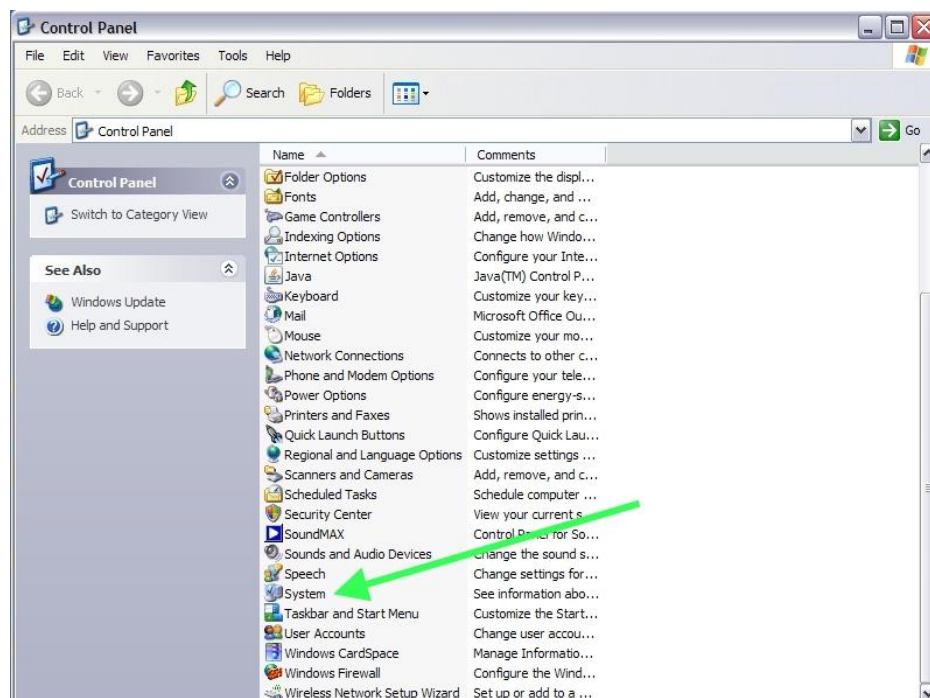
On first use of the QF4A512-DK development kit, Windows-based computers fail to correctly install the USB device drivers for the industry-standard FTDI interface device used on this board. The simple procedure described in this application note allows for manually installing the drivers and successfully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

2) Procedure

Note: Windows XP may detect that the drivers are not correctly installed and may open up the Hardware Update Wizard. If it opens automatically, then proceed to step 3. Otherwise, continue with step 1.

Step 1: Open Device Manager.

Open the Control Panel and select **System**.

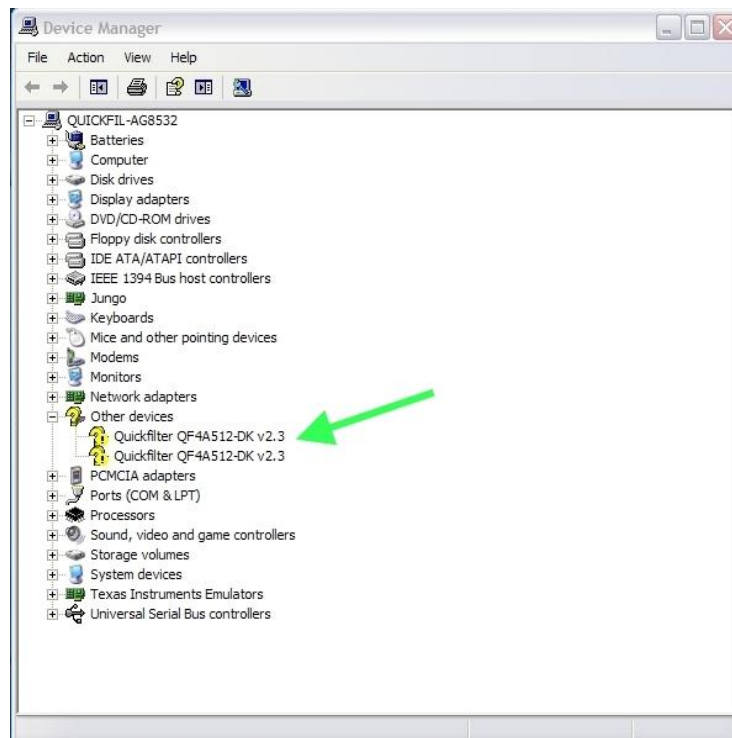


The **System Properties** window will open. Select the tab named **Hardware**. Click on the **Device Manager** button.



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, located under **Other devices**.



Step 3: Find the correct driver.

The **Hardware Update Wizard** may open automatically. If it does not, right click the first device driver and select **Update Driver...** . This will open the **Hardware Update Wizard**.

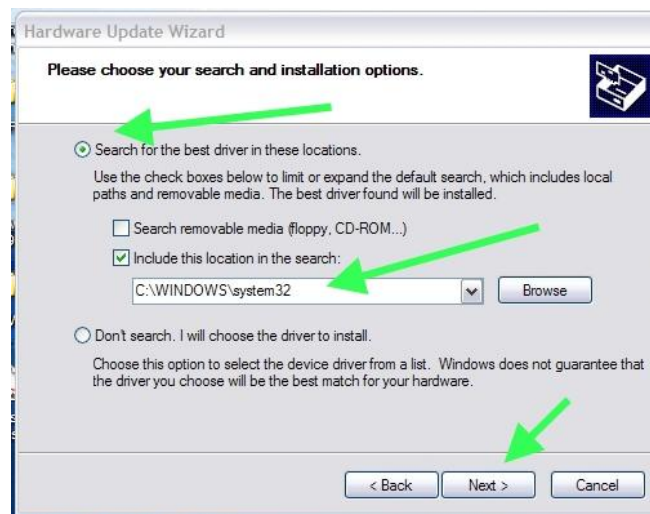
Select **Yes, this time only** and click the **Next** button.



In the next window, select **Install from a list or specific location** and click the **Next** button.



In the next window, select **Search for the best driver in these locations**. Select **Include this location in the search**, click the **Browse** button, and browse to C:\Windows\System32, and click the **Next** button.



The operating system will search for and find the driver. 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 the remaining faulty driver.

End of the Procedure



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