



## USB-Blaster and USB-Blaster II Drivers for Windows XP

You must install the Altera® USB-Blaster™ or Altera USB-Blaster II download cable driver before you can use the cable to program devices with Quartus® II software.

The first time you plug in the USB-Blaster or USB-Blaster II download cable, the Windows XP **Found New Hardware Wizard** prompts you to install the driver. (Note: Do not use the **Add Hardware Wizard** from the Control Panel.)

The Altera on-board USB-Blaster II cable appears as **Altera USB-Blaster (unconfigured)** when first attached to your system. After it has been configured by the Quartus II software, it will appear as **Altera USB-Blaster II (JTAG interface)**, and then **Altera USB-Blaster II (SystemConsole interface)**. You may need to install drivers for each of these interfaces in the same way as described below.

You must have system administration (Administrator) privileges to install the USB-Blaster or USB-Blaster II download cable driver.

### Driver Installation

1. Plug the USB-Blaster or USB-Blaster II download cable into the PC. The **Found New Hardware Wizard** appears.
2. If you are prompted to answer a question about Windows XP Update, choose **No, not this time** and click **Next**.
3. Select **Install from a list or specific location (Advanced)** and click **Next**.
4. Select **Don't search. I will choose the driver to install** and click **Next**.
5. If you are prompted to **Select a hardware type**, keep the default selection **Show All Devices**, and click **Next**.
6. Select **Altera USB-Blaster** from the wizard list of hardware devices, then click **Have Disk ...**. If the device is not available in the list, click **Have Disk ...** without selecting any device from the wizard list.
7. Click **Browse...** and browse to the <Path to Quartus II installation>\drivers\<cable type> directory.
  - For USB-Blaster cables the driver is in the usb-blaster directory.
  - For USB-Blaster II cables the driver is in the usb-blaster-ii directory.
8. Choose the appropriate location or file using the following steps:
  - All versions of Quartus II software (**except** versions 6.1 to 7.2):
    1. Select the \*.inf file in the driver directory: **usbblst.inf** for USB-Blaster and **usb-blaster2.inf** for USB-Blaster II.
    2. Click **Open**.
  - Quartus II software versions 6.1 to 7.2:
    1. Browse to the **\x32** directory (Windows 2000/XP standard 32-bit) or **\x64** directory (Windows XP 64-bit).
    2. Click **Open**. The wizard automatically chooses the required file.
9. If the hardware **Altera USB-Blaster** appears in the Model list, select the device.
10. Click **Next** in the wizard.
11. Click **Continue Anyway** in the warning dialog box.
12. Click **Finish**.
13. To complete your installation, [set up programming hardware in the Quartus II software](#).