

## Altera USB Blaster Driver Installation Instructions

To install the driver for your USB Blaster cable, follow the instruction for your particular operating system.

### For Windows 10, do the following:

1. Plug the USB-Blaster into your PC.
2. Open the Device and Printers (Control Panel | Devices and Printers).
3. Under Unspecified, USB Blaster should be listed. Right mouse click on this and then select **Properties**.
4. Select the **Hardware** tab and select **Properties**.
5. A new window should pop up with the **General** tab already selected. Select **Change Settings**.
6. Again a new window should pop up with the **General** tab already selected. Select **Update**.
7. Select **Browse my computer for driver software**.
8. Find `c:\altera\91sp2\quartus\drivers\`  
(**Note 1:** Your altera file is located at the location you selected when you first installed quartus. The location listed in this document is the default location)  
(**Note 2:** Stop at the drivers folder, i.e., do **NOT** go deeper by opening a folder within the drivers folder)
9. Select **OK**. Make sure the proper path was selected then select **Next**.
10. If the Windows security window pops up Check the **Always trust software from “Altera Corporation”** box and select **Install**.

### For Windows 7 and Windows 8, do the following:

1. Plug the USB-Blaster download cable into the PC. The following will appear on the screen: **Device driver software was not successfully install**. Select **Click here for details**.
2. Select **Change settings...**
3. Now cancel this (probably by selecting **Cancel**)
4. Open the Device Manager (Windows Key | Control Panel | Device Manage)
5. Under Other devices, **USB Blaster** should be listed. Right mouse click on this and then select **Update Driver Software...**
6. Select **Browse my computer for driver software**
7. Find `c:\altera\91sp2\quartus\drivers\`, then select **Next**; (**Note:** Stop at this folder, i.e., do **NOT** go deeper by opening a folder within the drivers folder)
8. Check the **Always trust ...** box and then select **Install**

### For Windows Vista, do the following:

1. Plug the USB-Blaster download cable into the PC. The **Found New Hardware** dialog box appears.
2. Select **Locate and install driver software (recommended)**.
3. Select **Don't search online**.
4. When you are prompted to **Insert the disc that came with your USB-Blaster**, select **I don't have the disc. Show me other options**.
5. Select **Browse my computer for driver software (advanced)** when you see the **Windows couldn't find driver software for your device**.
6. Click **Browse...** and browse to the `<Path to Quartus II installation>\drivers\usb-blaster` directory. Click **OK**.
7. Select the **Include subfolders** option and click **Next**.
8. If you are prompted **Windows can't verify the publisher of this driver software**, select **Install this driver software anyway** in the **Window Security** dialog box.
9. The installation begins.
10. When **The software for this device has been successfully installed** appears, click **Close**.

### For Windows XP, do the following:

1. Plug the USB-Blaster download cable into the PC. The **Found New Hardware** dialog box appears.
2. Select **Locate and install driver software (recommended)**.
3. Select **Don't search online**.
4. When you are prompted to **Insert the disc that came with your USB-Blaster**, select **I don't have the disc. Show me other options**.
5. Select **Browse my computer for driver software (advanced)** when you see the **Windows couldn't find driver software for your device**.
6. Click **Browse...** and browse to the `<Path to Quartus II installation>\drivers\usb-blaster` directory. Click **OK**.
7. Select the **Include subfolders** option and click **Next**.
8. If you are prompted **Windows can't verify the publisher of this driver software**, select **Install this driver software anyway** in the **Window Security** dialog box.

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9. The installation begins.
10. When **The software for this device has been successfully installed** appears, click **Close**.

If you are running Windows in 64-bit mode, you **MUST** boot your computer as following both when installing the USB-Blaster driver **AND** when using Quartus to program your PLD.

- During boot up of the computer, continuously press F8 (but do **NOT** hold it down).
- Scroll down to “Disable Driver Signature Enforcement,” then hit Enter.

You must set up the driver before programming your PLD (CPLD or FPGA).