SW HW Co-Design

USBasp

Installation Guide

The USBasp is the hardware tool used to flash the software into the microcontroller flash memory.

USBasp Driver

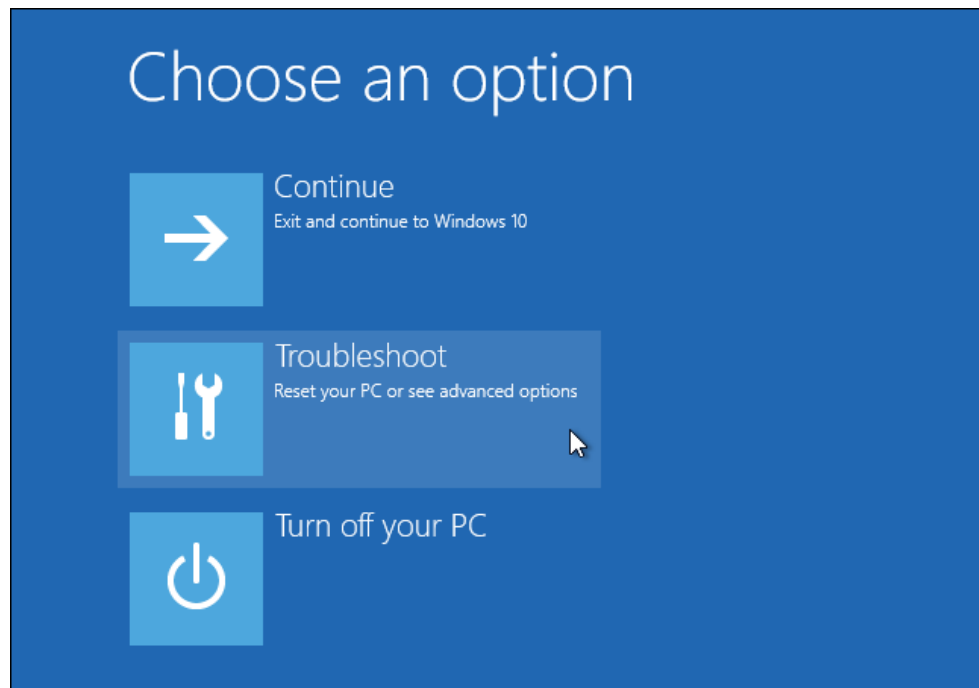Before installing the driver, we shall disable the "Driver Signature Check" feature for *windows 8 and 10 only* to allow us to install the driver correctly.
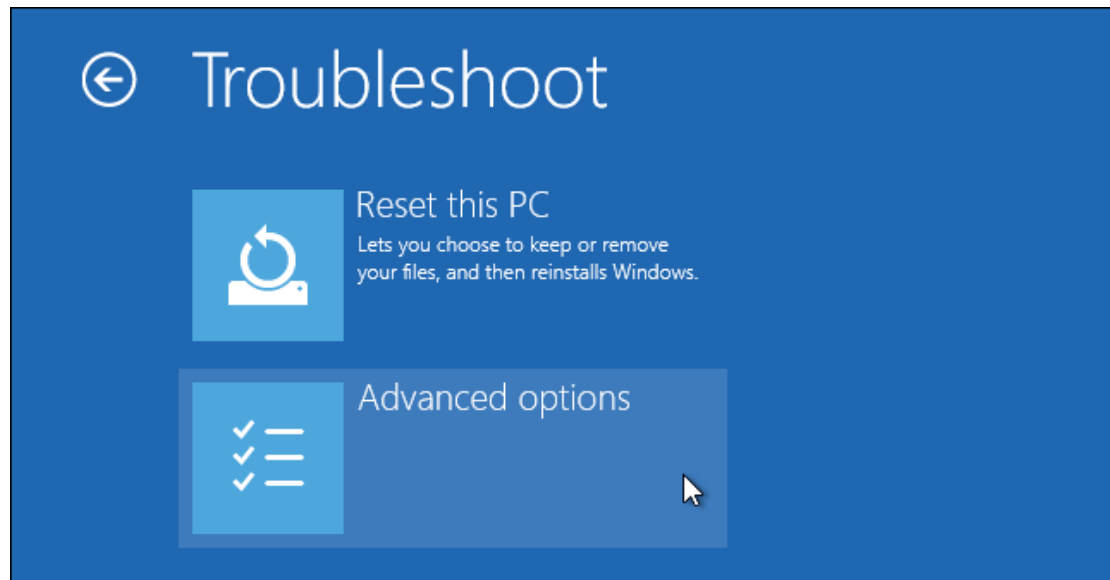
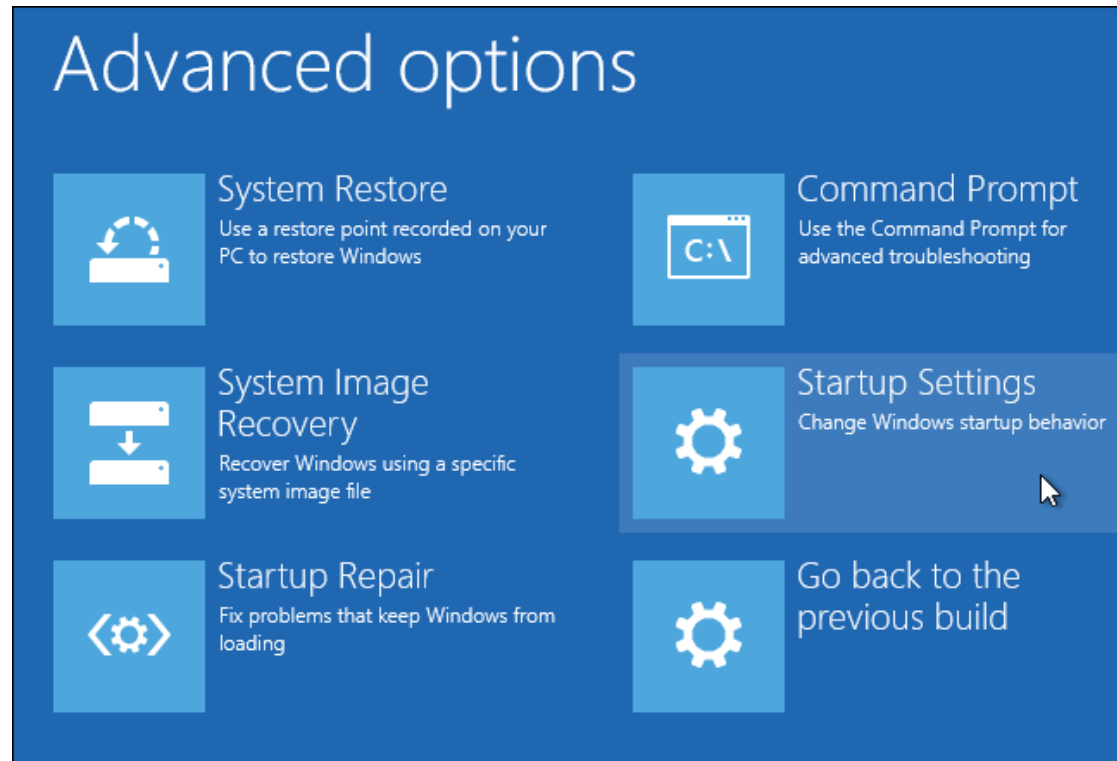1- Hold down the Shift key while you click the "Restart" option in Windows.
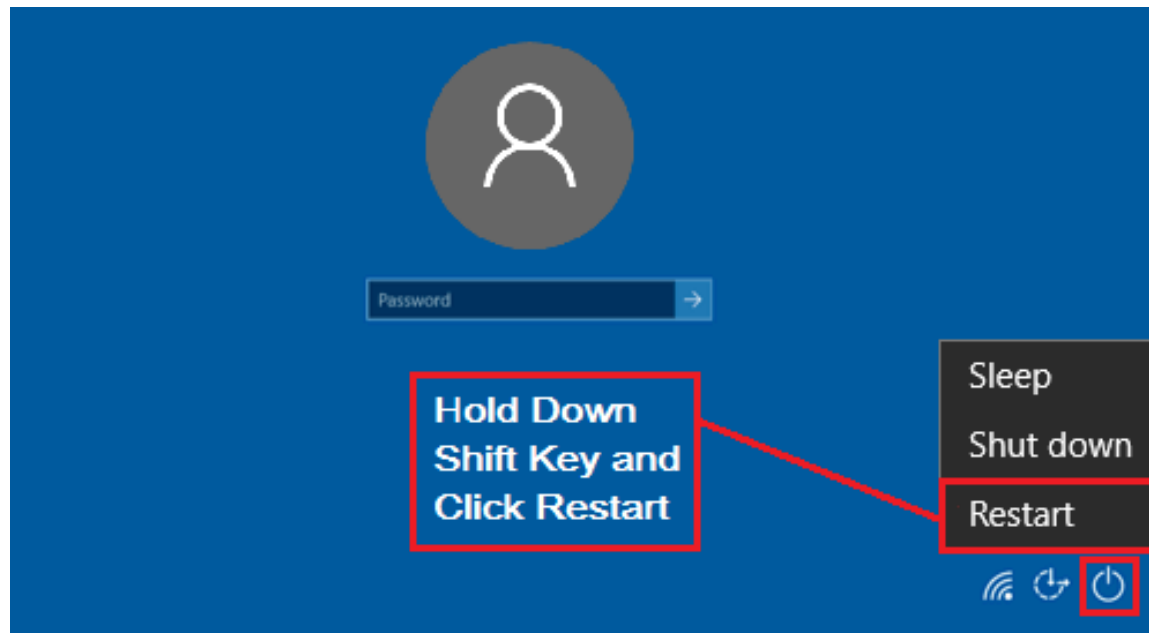
2- Select the "Troubleshoot" tile on the Choose an option screen that appears.
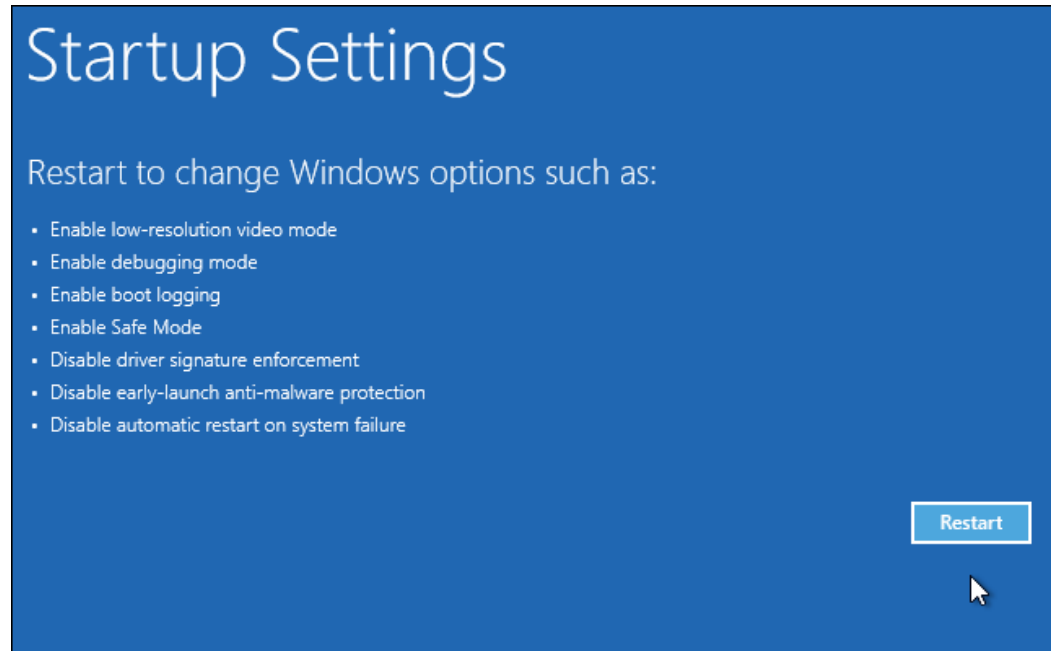
3- Select "Advanced options".

4- Click the "Startup Settings".

5- Click the "Restart" button to restart your PC into the Startup Settings screen.

6- Type "7" or "F7" at the Startup Settings screen to activate the "Disable driver signature enforcement" option.

Startup Settings

Press a number to choose from the options below:

Use number keys or functions keys F1-F9.

1) Enable debugging
2) Enable boot logging
3) Enable low-resolution video
4) Enable Safe Mode
5) Enable Safe Mode with Networking
6) Enable Safe Mode with Command Prompt
7) Disable driver signature enforcement
8) Disable early launch anti-malware protection
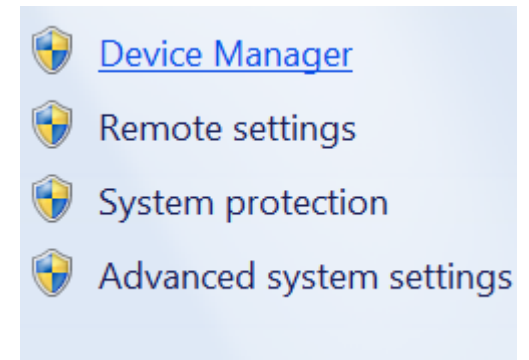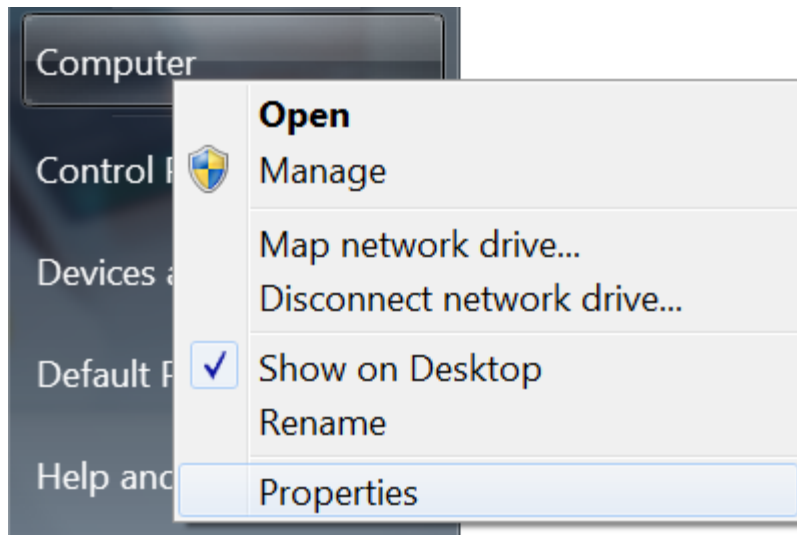9) Disable automatic restart after failure

Press F10 for more options
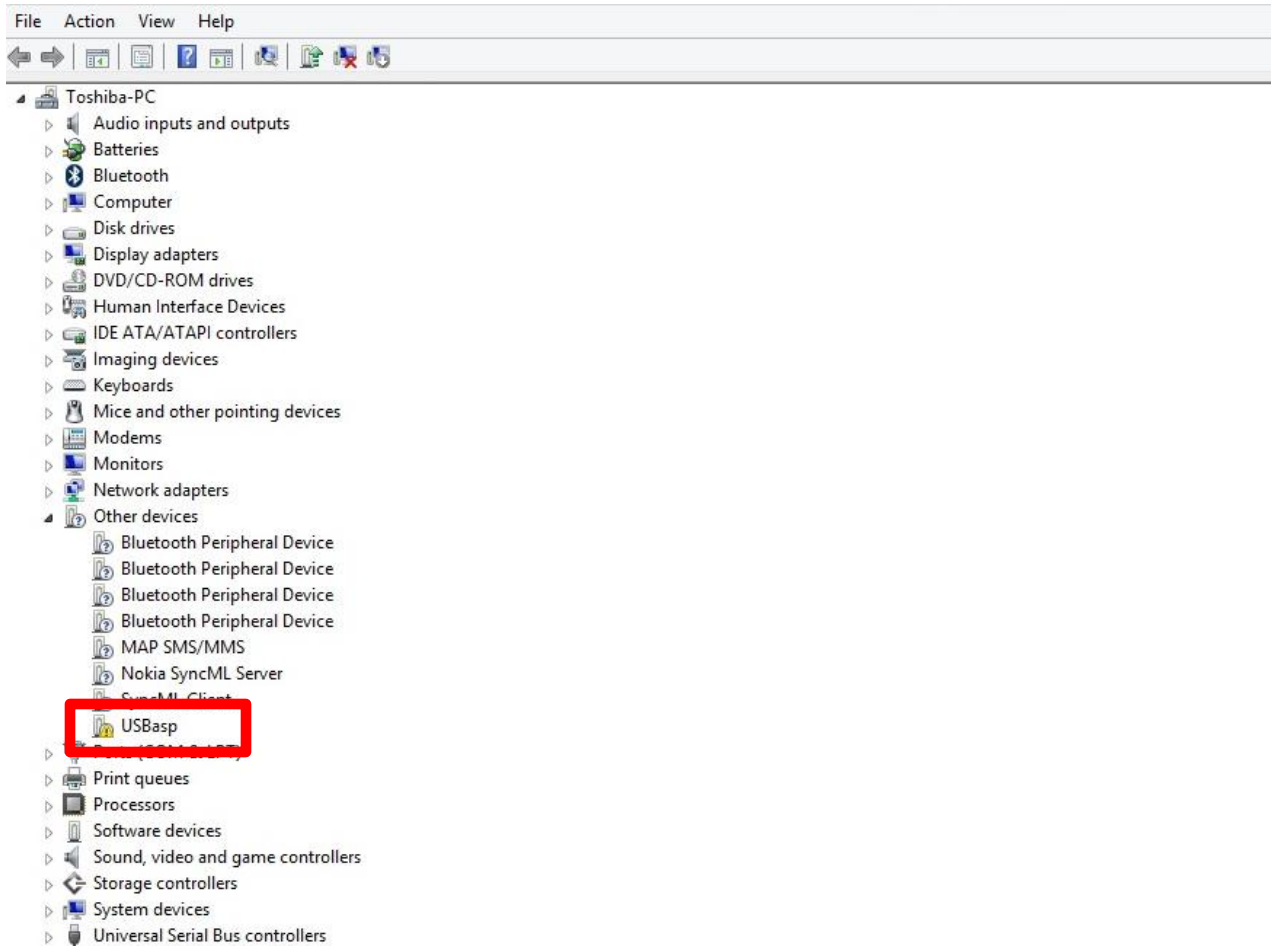Press Enter to return to your operating system

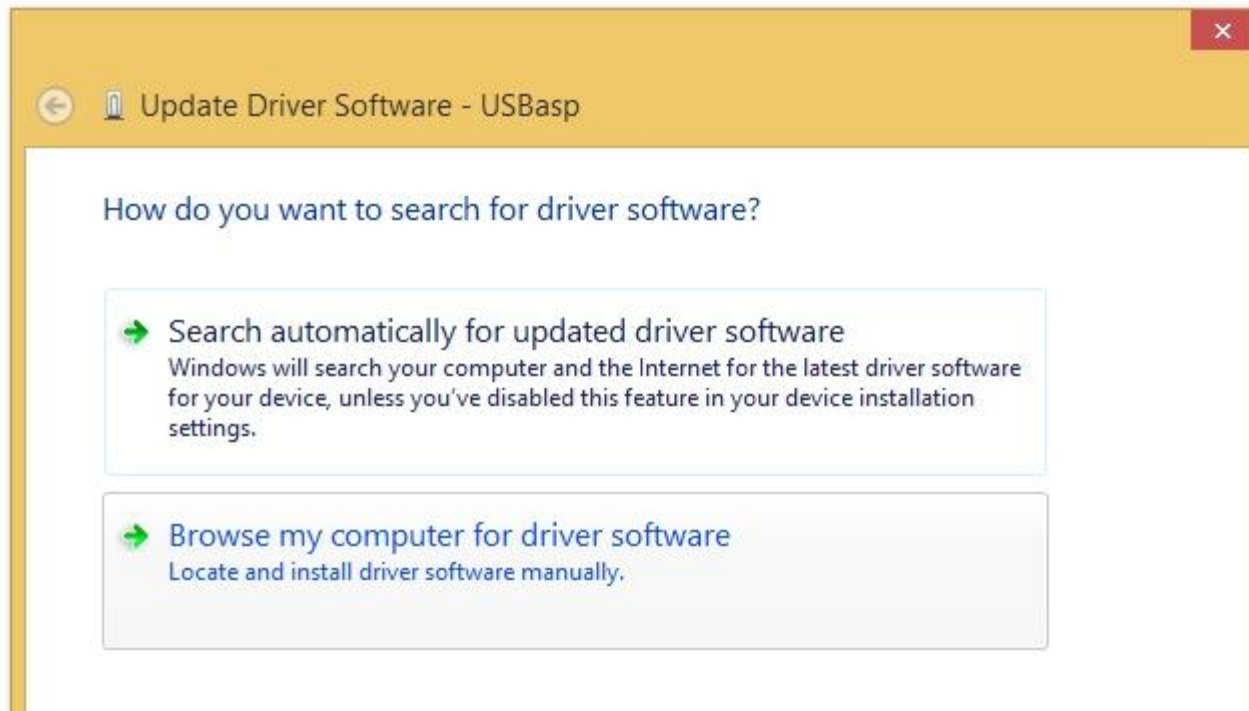For all operating systems, right click on *"My Computer"* or *"This PC"* and choose ***Properties*** then click ***Device Manager***.

You shall find the USBasp with this yellow exclamation mark. Right click on it and choose "**Update**"

Choose "Browse my computer for driver software".
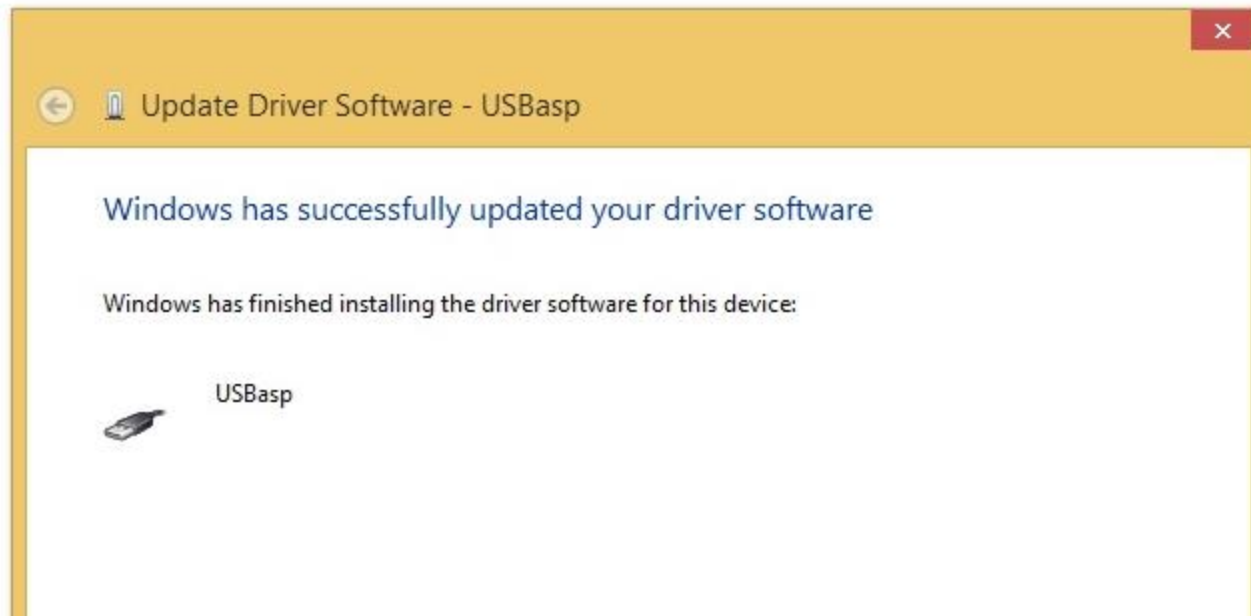
Browse to: **\IMT Tools\Drivers\usbasp-windriver.2011-05-28**

When this warning appear, choose "Install this driver software anyway".

Finally the driver has been successfully installed.

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