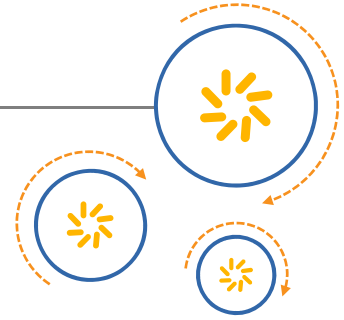




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Push every boundary.™

CSR  $\mu$ Energy®



# Bluetooth USB Dongle Driver Installation

## User Guide

### Issue 2

## Document History

Revision	Date	History
1	25 JUN 14	Original publication of this document
2	23 OCT 14	Updated dongle version

## Contacts

General information

Information on this product

Customer support for this product

More detail on compliance and standards

Help with this document

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## Performance and Conformance

Refer to [www.csrsupport.com](http://www.csrsupport.com) for compliance and conformance to standards information.

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## 1. Introduction

The CSR  $\mu$ Energy Bluetooth USB dongle provided in CSR  $\mu$ Energy development kits requires CSR-specific drivers to enable additional functionality when used with CSR  $\mu$ Energy host applications running on the PC such as the Profile Demonstrator and Over-the-Air Updater applications.



**Figure 1.1: CSR  $\mu$ Energy Bluetooth USB Dongle**

When the dongle is first inserted into a PC running a Windows operating system, the Windows Generic Bluetooth Radio driver is loaded by default. This document describes how to update the USB driver to the CSR Bluetooth Radio (BlueCore) driver for each supported Windows operating system.

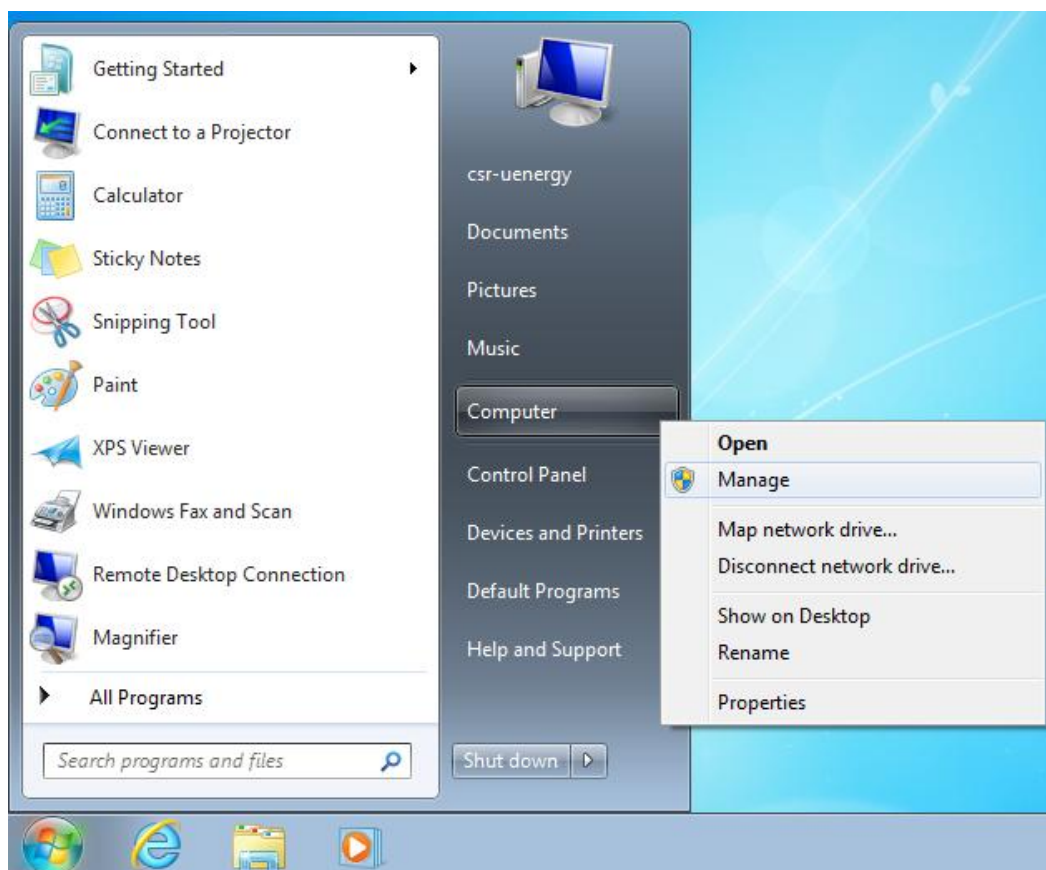
**Note:**

This procedure may need to be repeated if you insert the dongle into a different USB port, or insert another CSR  $\mu$ Energy Bluetooth USB dongle into your PC.

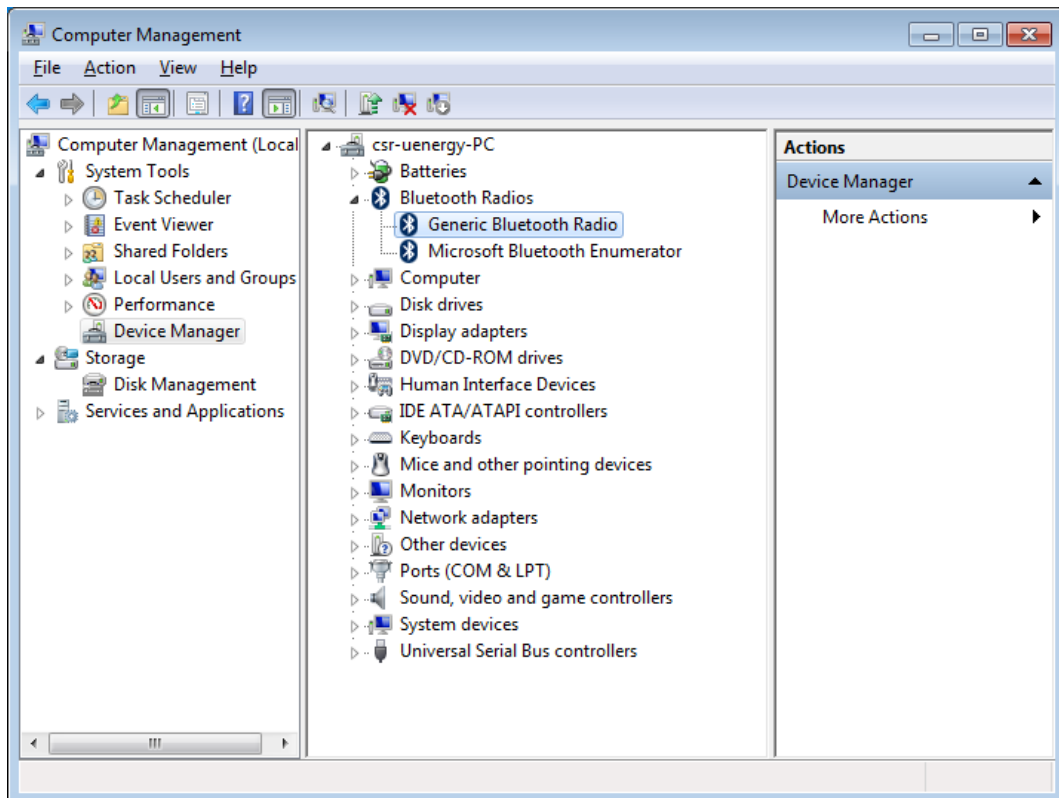
## 2. Installing the CSR Device Driver on Windows 7

To replace the default Windows driver with the CSR driver:

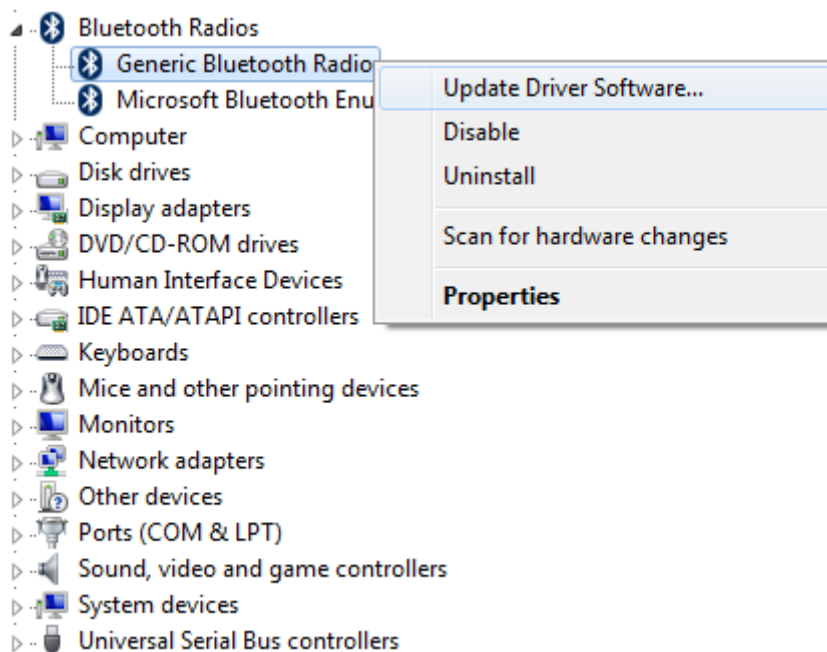
1. Unplug or disable any existing Bluetooth USB dongles or devices.
2. Plug in the CSR  $\mu$ Energy Bluetooth USB dongle.
3. To start the Device Manager:
  - 3.1. Right-click on **Computer** in the **Windows** menu.
  - 3.2. Select **Manage**.



4. The device is listed as a **Generic Bluetooth Radio** under the **Bluetooth Radios** category.

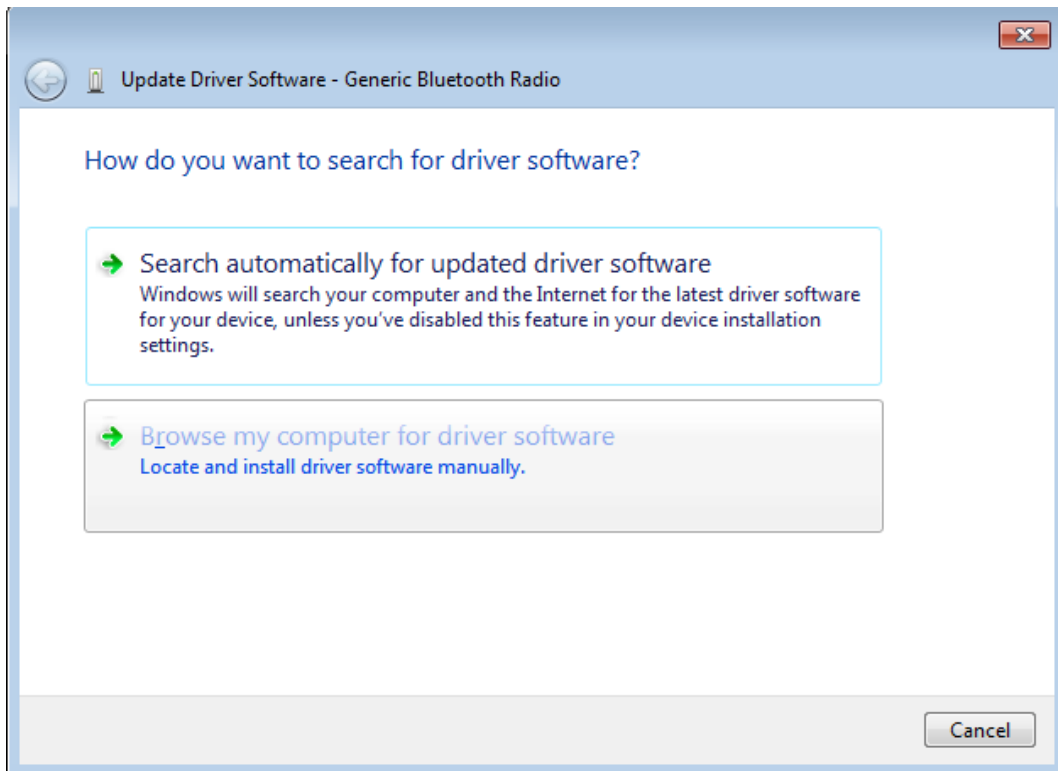


5. Right-click on **Generic Bluetooth Radio** and select **Update Driver Software...**

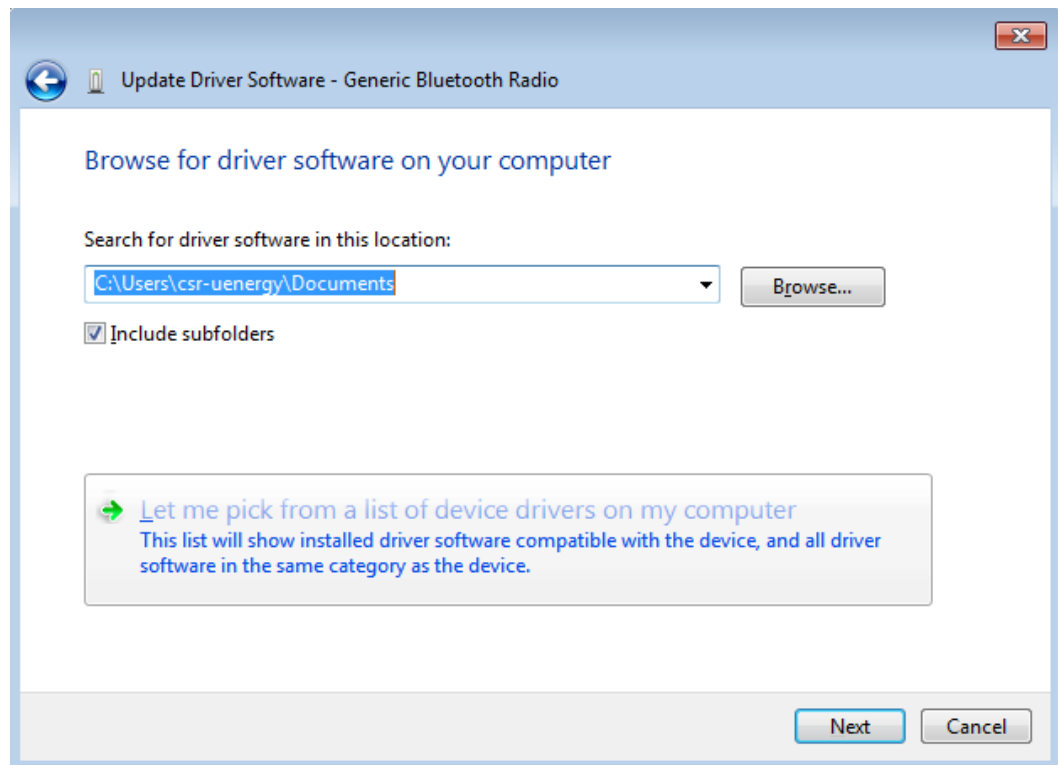




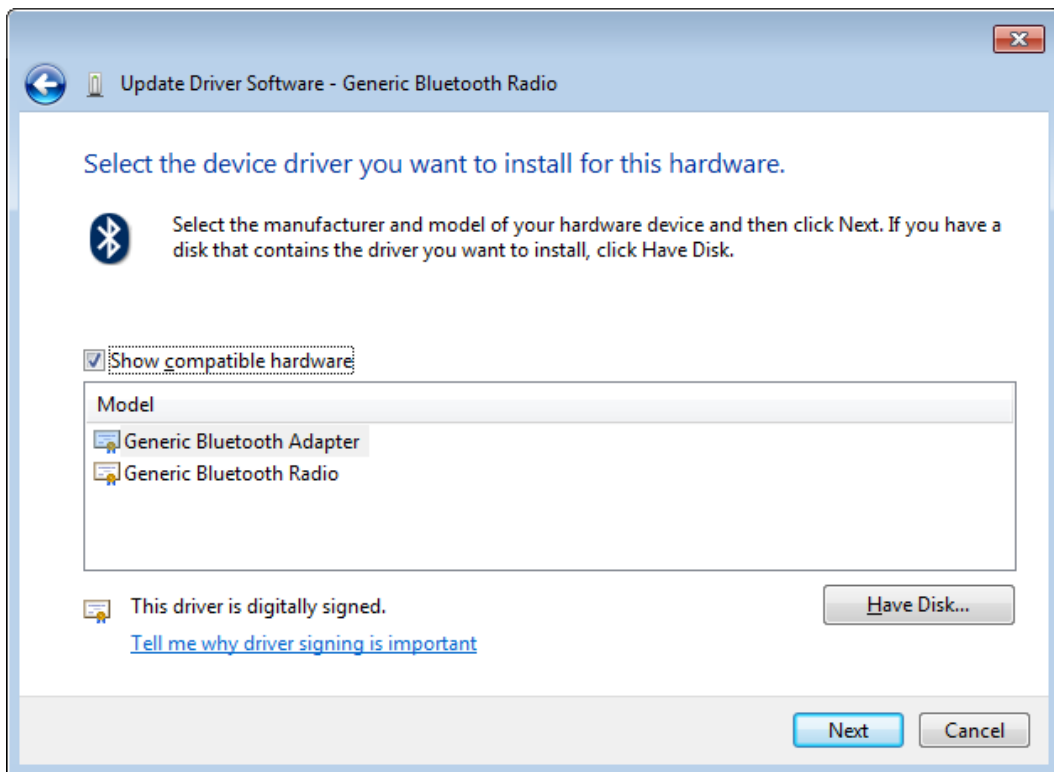
6. Select **Browse my computer for driver software**.



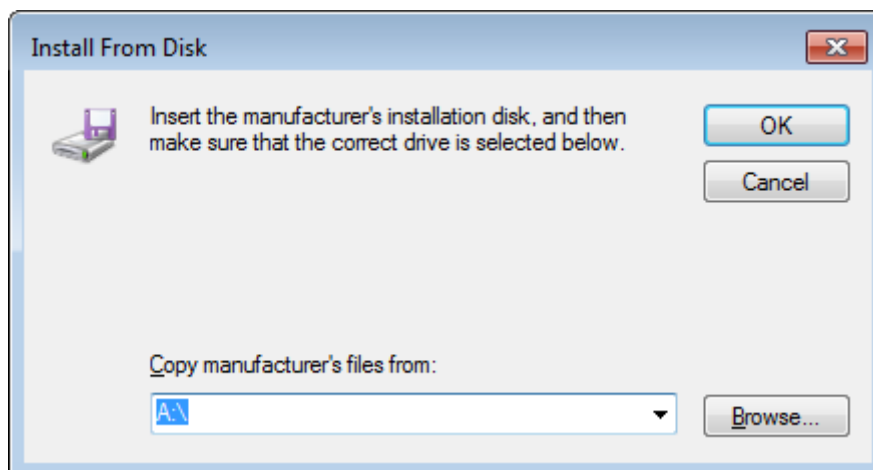
7. Select the **Let me pick from a list of device drivers on my computer** option and click **Next**.



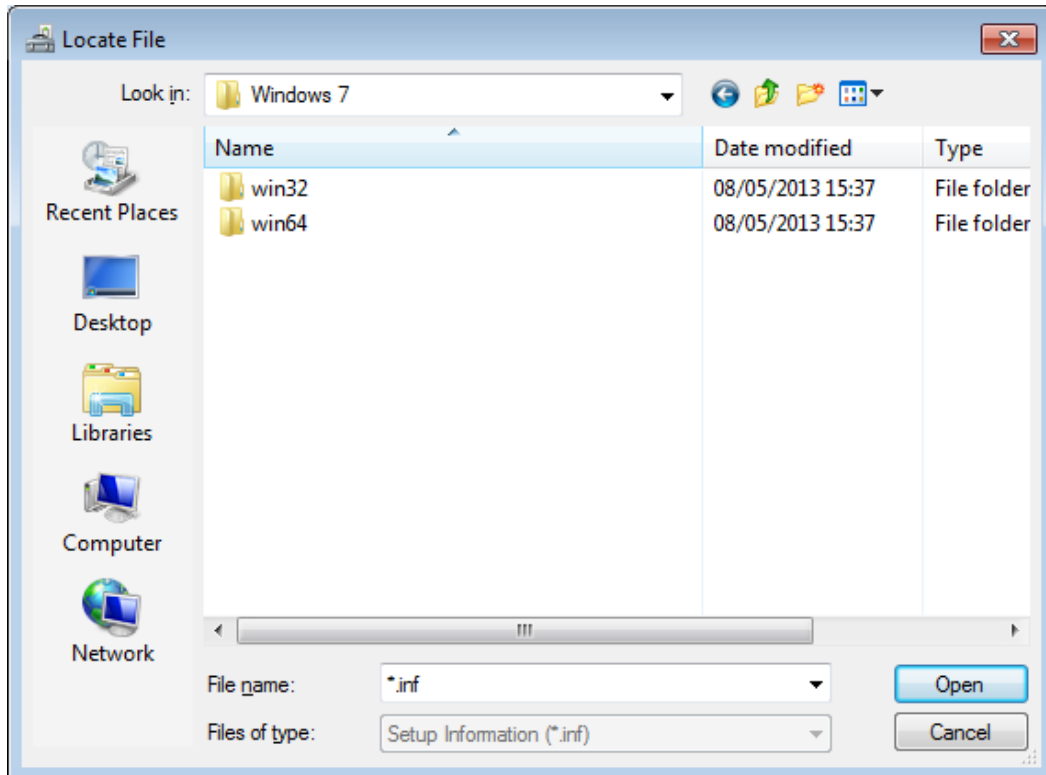
8. If **CSR BlueCore Bluetooth** is not listed in the hardware device list, click **Have Disk...** and go to step 9. Otherwise select **CSR BlueCore Bluetooth**, click **Next** and go to step 14.



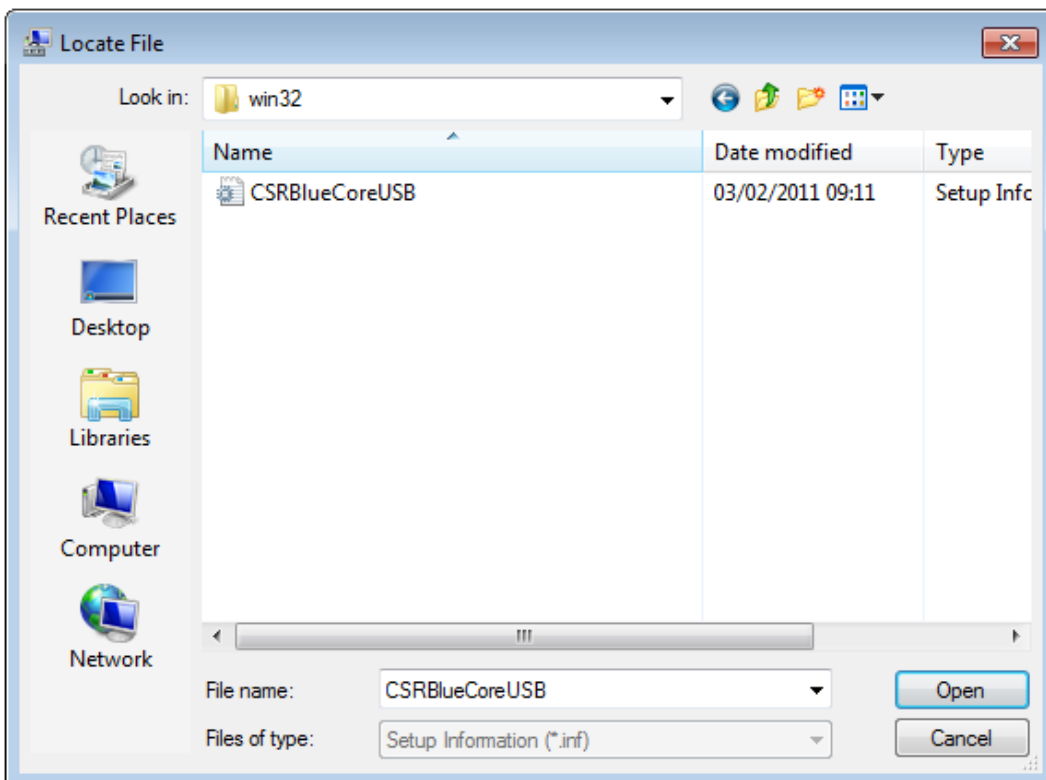
9. Click **Browse....**



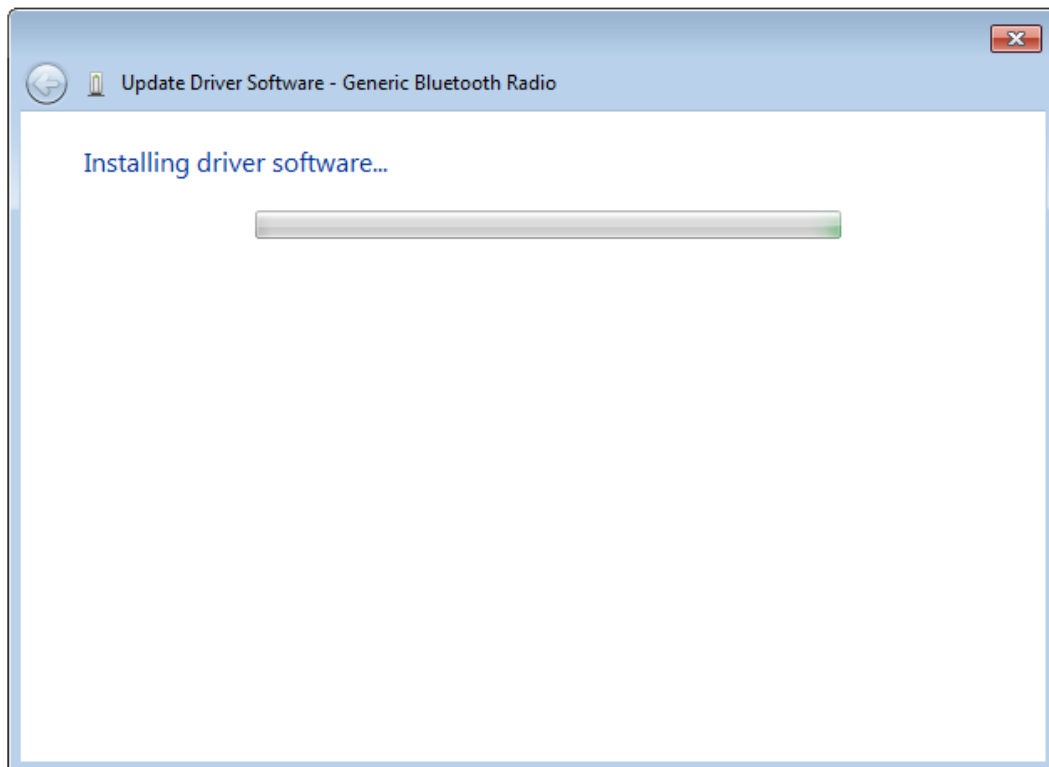
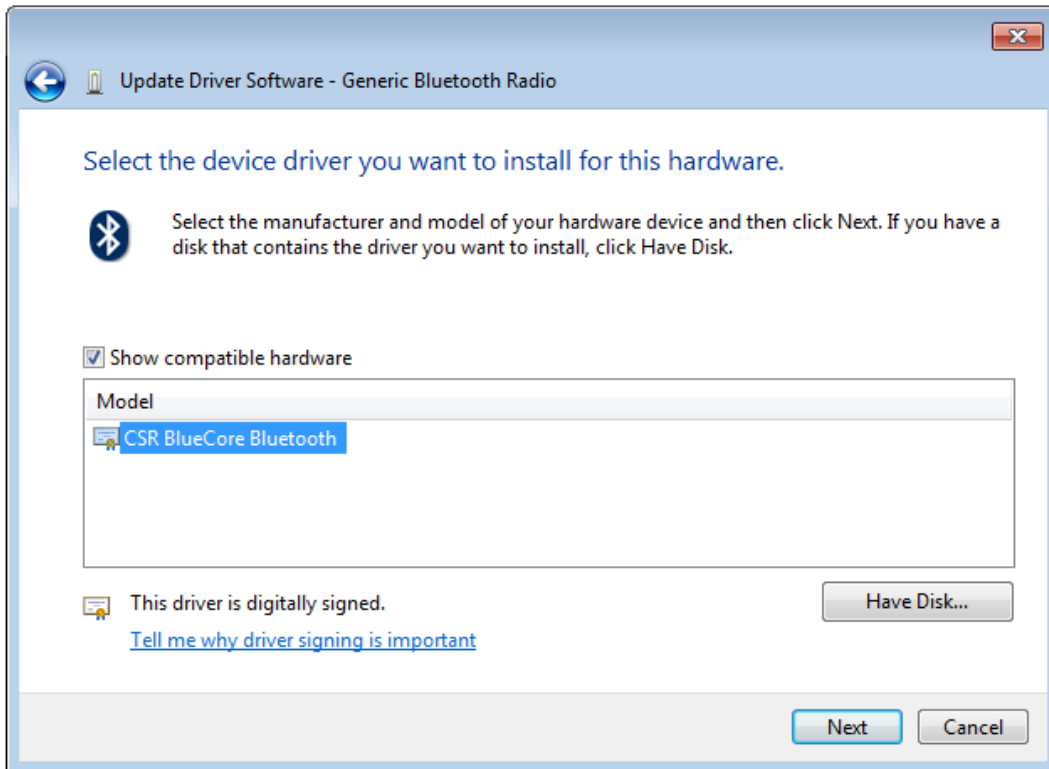
10. Two drivers are included and located in the <SDK installation folder>\drivers\CSR8510 Bluetooth USB Dongle\Windows 7 folder. Browse to either the Windows 32-bit or 64-bit folder before clicking **Open**.



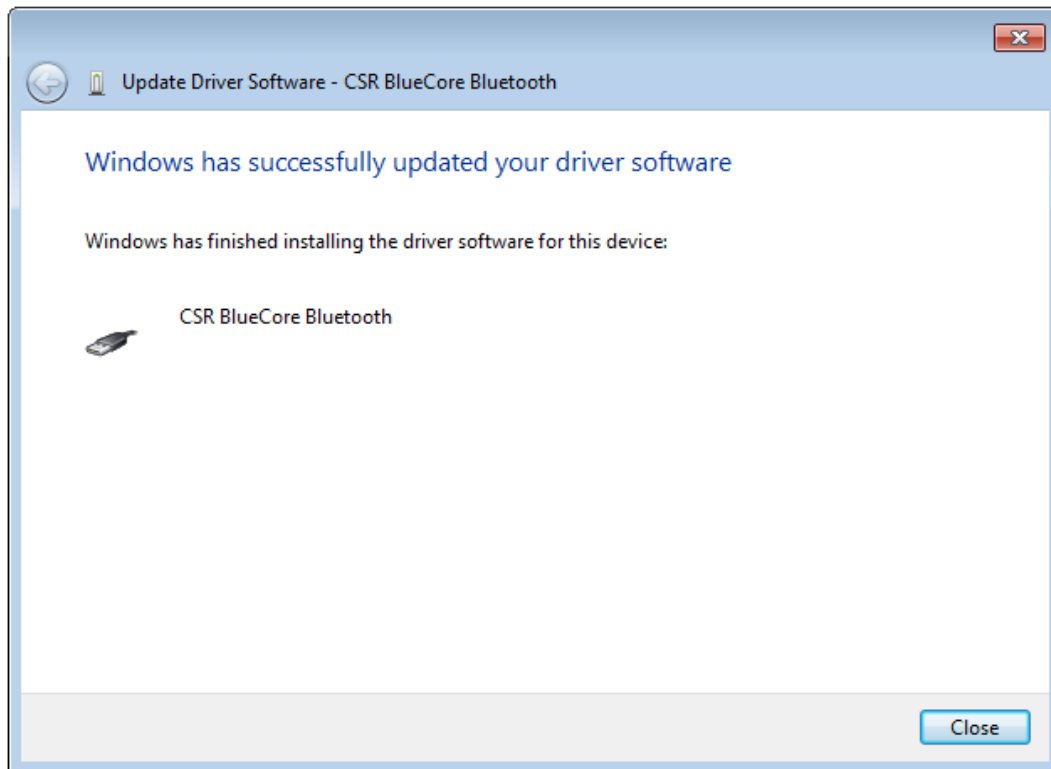
11. Select the driver file and click **Open**.



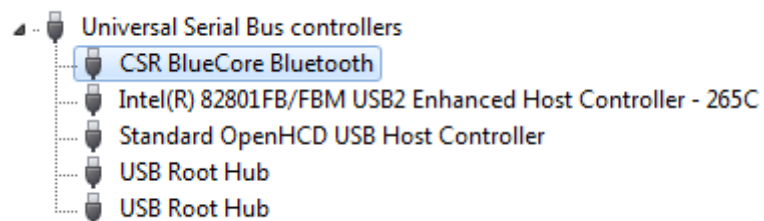
12. Click **OK** to install the selected driver.
13. Click **Next** to install the driver.



14. When the installation completes click **Close**.



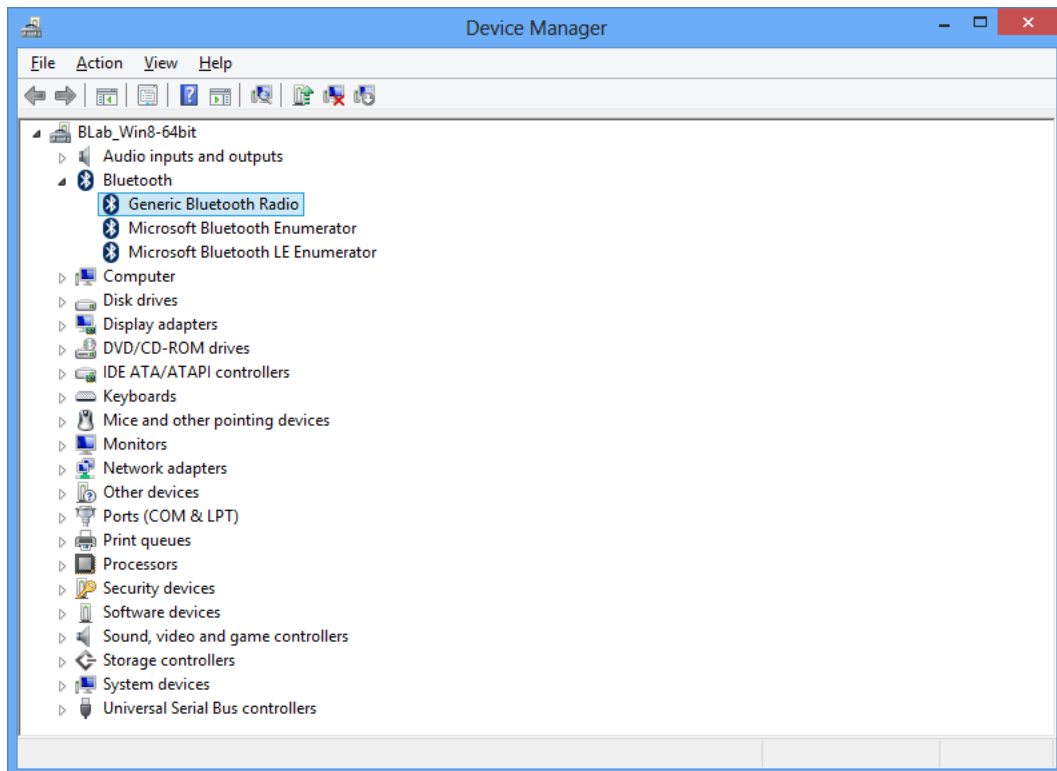
15. You can now see **CSR BlueCore Bluetooth** listed under the **Universal Serial Bus controllers** category.



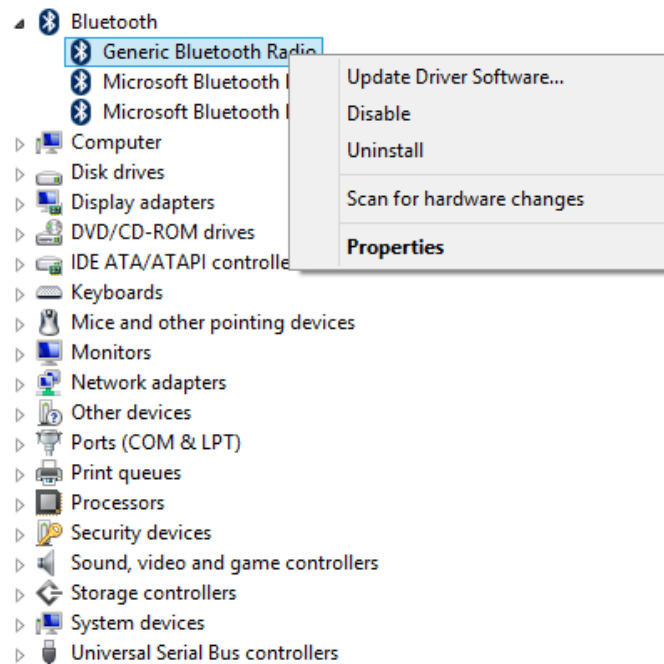
## 3. Installing the CSR Device Driver on Windows 8

To replace the default Windows driver with the CSR driver:

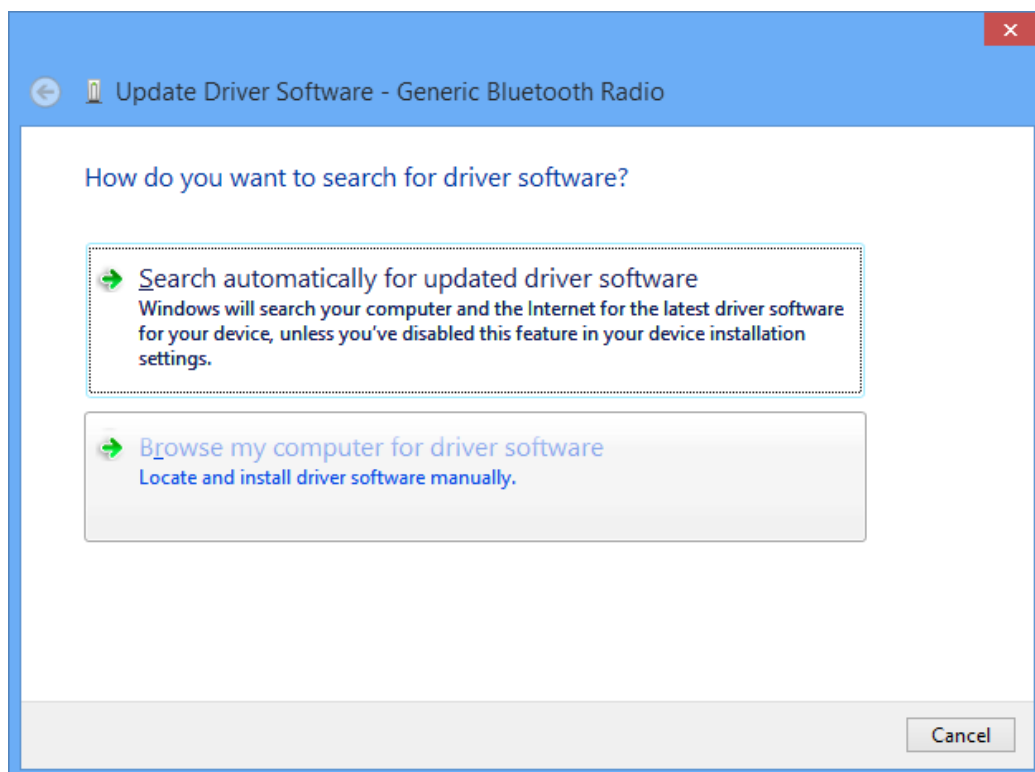
1. Unplug or disable any existing Bluetooth USB dongles or devices.
2. Plug in the CSR  $\mu$ Energy Bluetooth USB dongle.
3. Start the **Device Manager** by pressing <Windows Key + X> and clicking on **Device Manager**, or from the **Control Panel** listed in the **Apps** menu.
4. The device is listed as a **Generic Bluetooth Radio** under the **Bluetooth Radios** category.



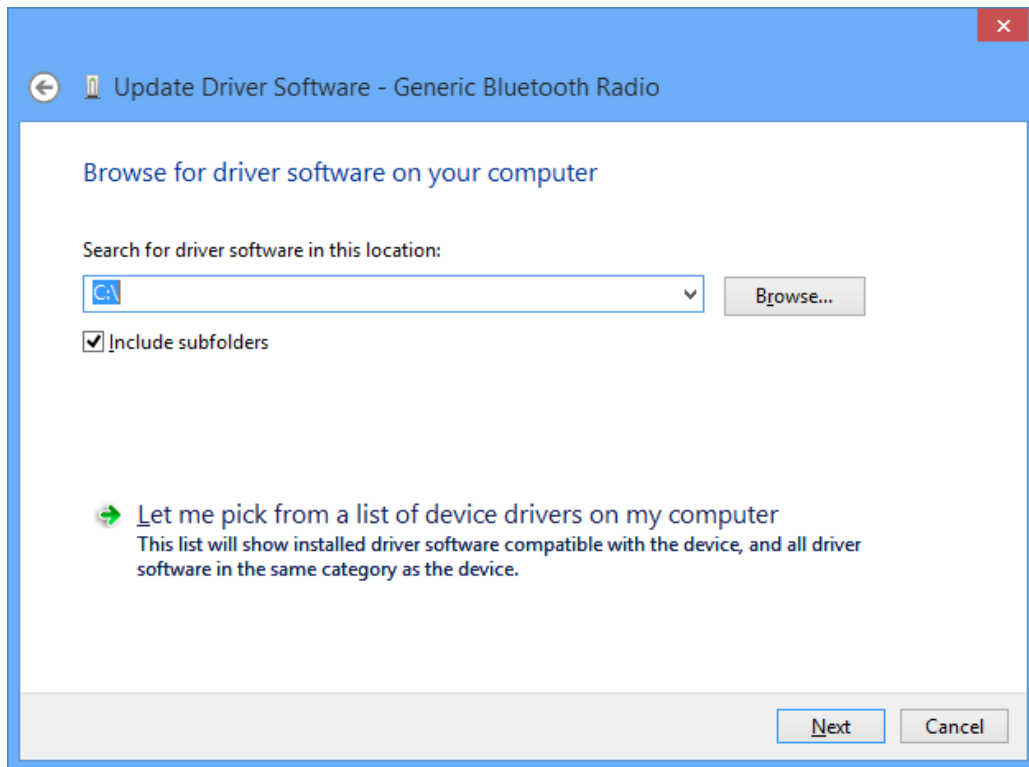
5. Right-click on **Generic Bluetooth Radio** and select **Update Driver Software...**



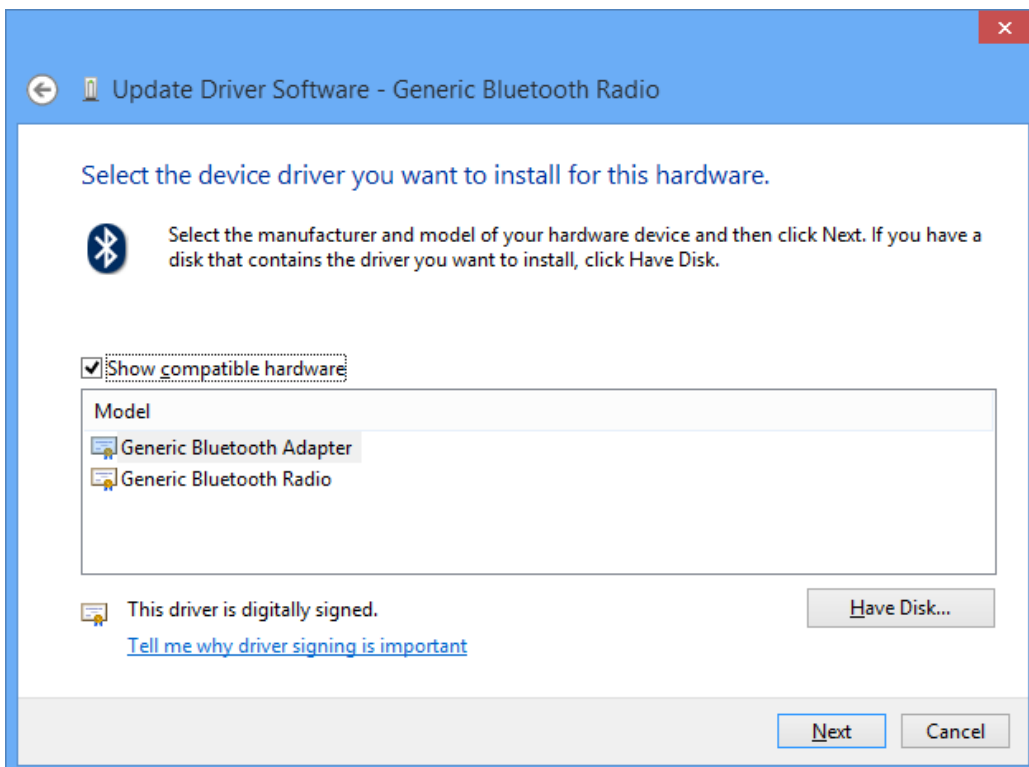
6. Select **Browse my computer for driver software**.



7. Select the **Let me pick from a list of device drivers on my computer** option and click Next.

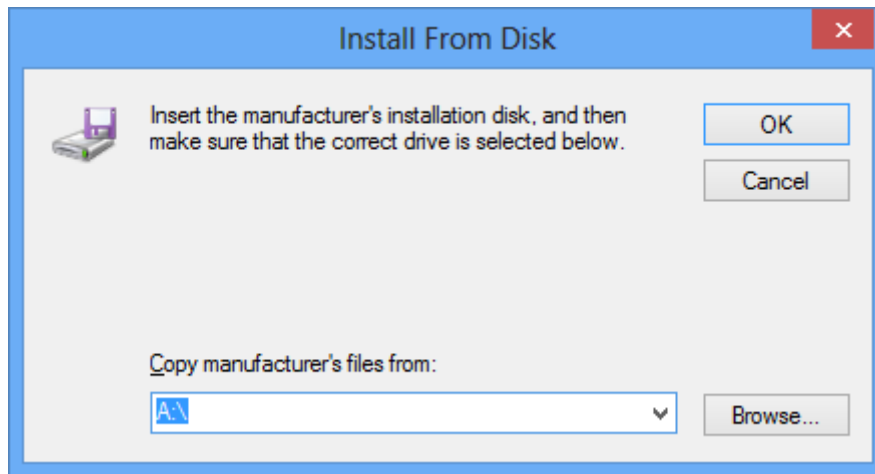


8. If **CSR BlueCore Bluetooth** is not listed in the hardware device list, click **Have Disk...** and go to step 9. Otherwise select **CSR BlueCore Bluetooth**, click **Next** and go to step 14.

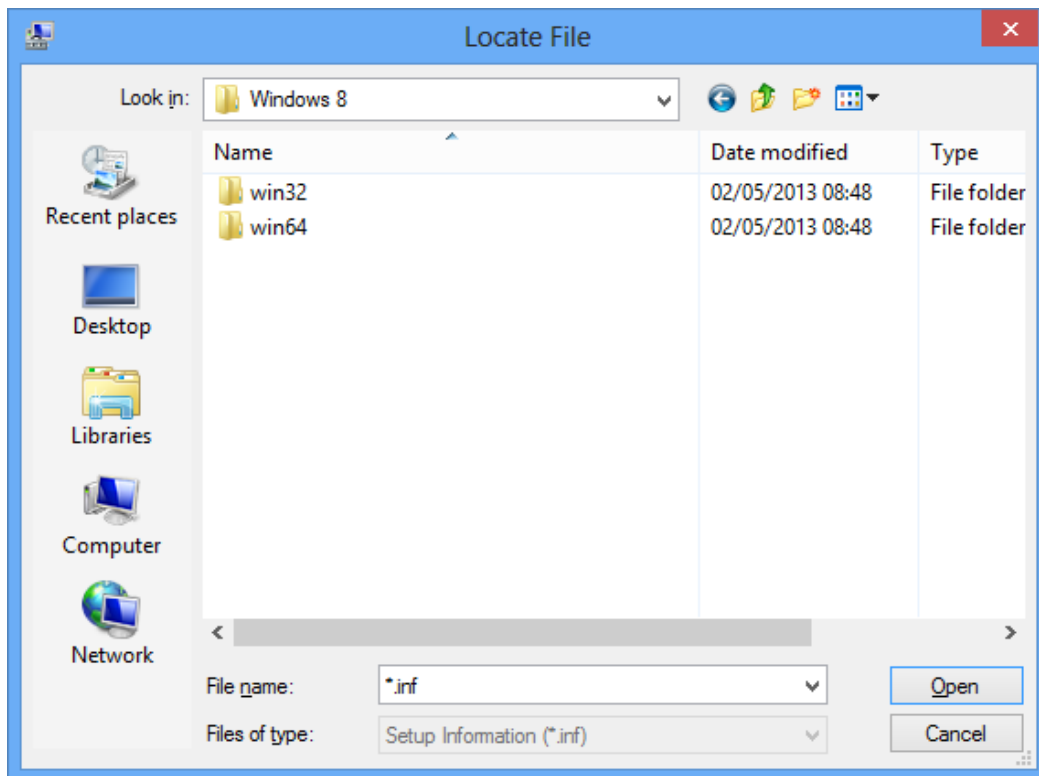




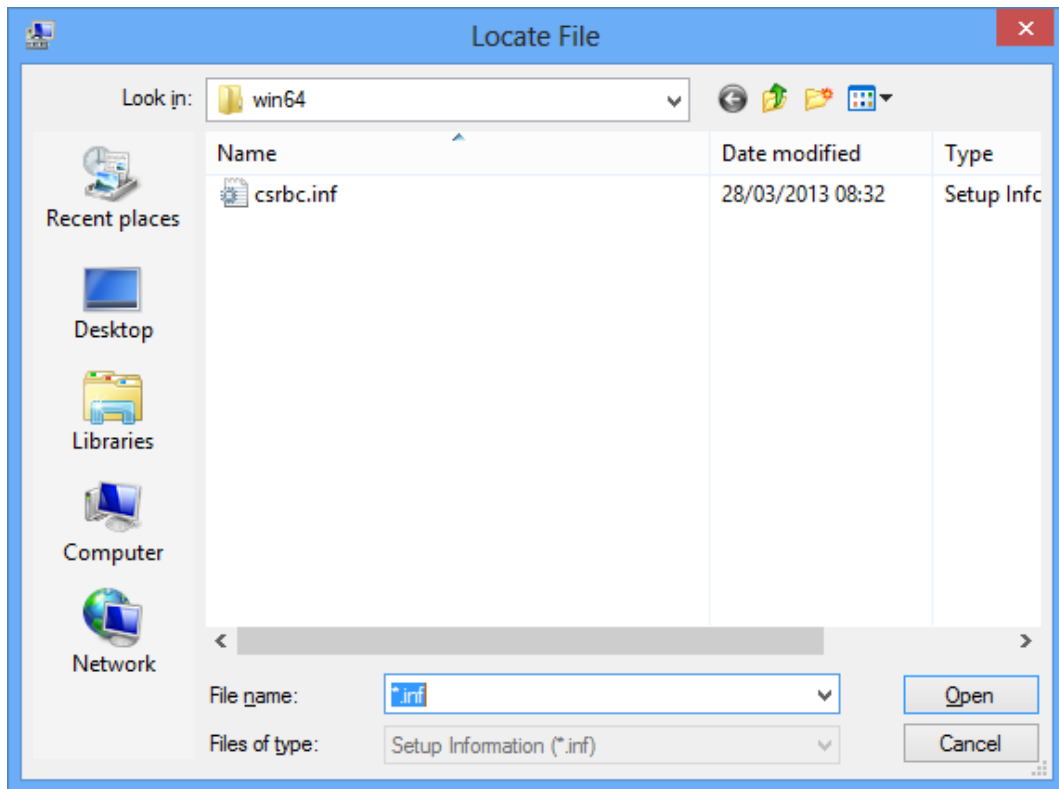
9. Click **Browse....**



10. Two drivers are included and located in the <SDK installation folder>\drivers\CSR8510 Bluetooth USB Dongle\Windows 8 folder. Browse to either the Windows 32-bit or 64-bit folder before clicking **Open**.

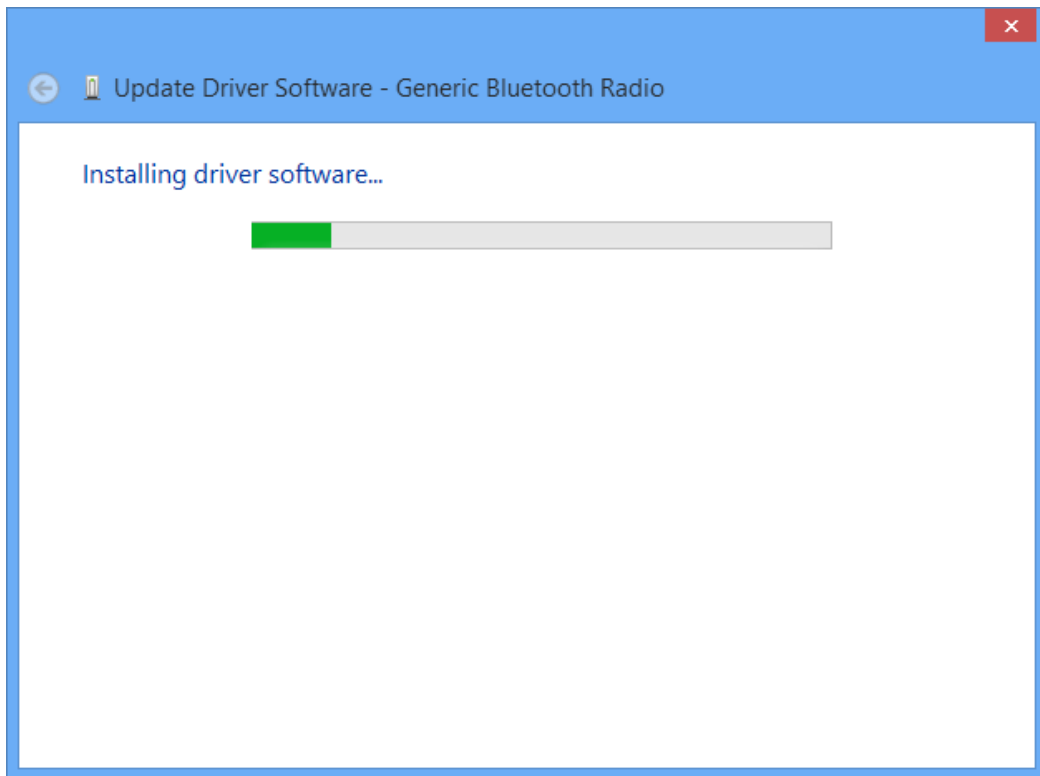


11. Select the driver file and click **Open**.

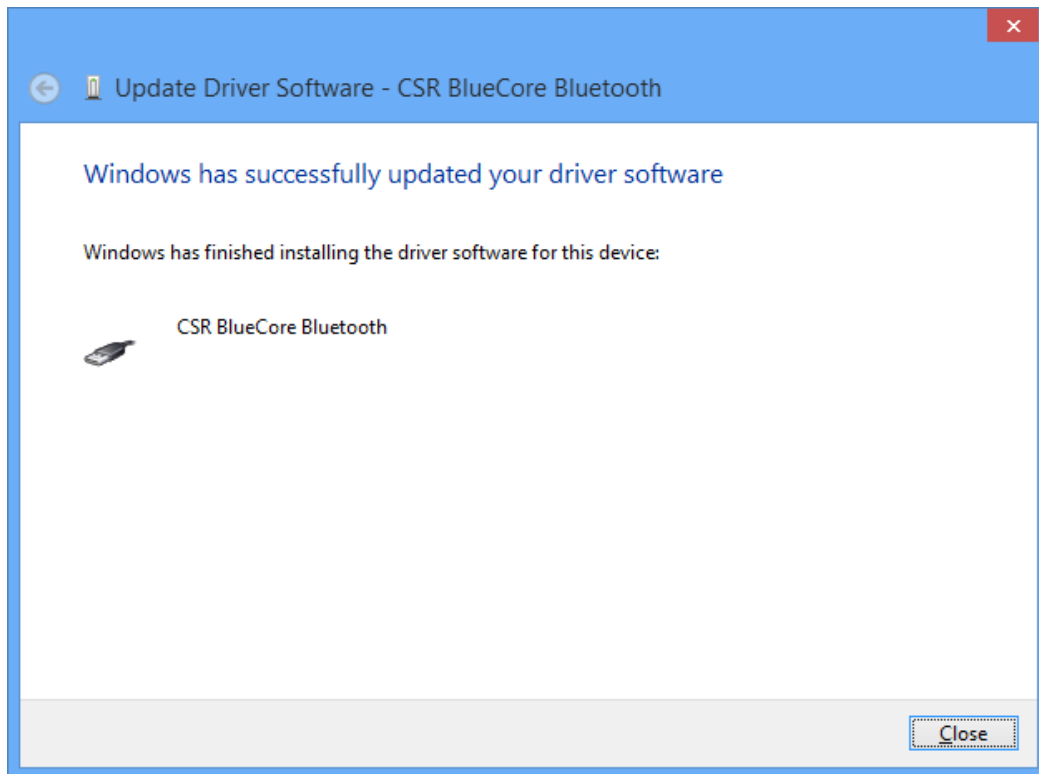


12. Click **OK** to install the selected driver.

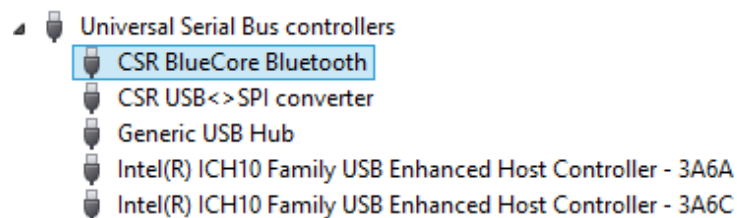
13. Click **Next** to install the driver.



14. When the installation completes click **Close**.



15. You can now see **CSR BlueCore Bluetooth** listed under the **Universal Serial Bus controllers** category.



## Terms and Definitions

Bluetooth®	Set of technologies providing audio and data transfer over short-range radio connections
BT	Bluetooth
CSR	Cambridge Silicon Radio
PC	Personal Computer
USB	Universal Serial Bus