

Installing the matching OSBDM CDC Serial Port Driver in Windows 7

Carlos Aceff

MagniV Applications GDL



External Use



Introduction

The S12 OSBDM/OSJTAG Device firmware Version 31.21 flashed in the embedded OSBDM circuit included in several of our boards, requires the use of the matching PC OSBDM/OSJTAG – CDC Serial Port Driver version 1.1.2600.1 to communicate properly with a PC serial terminal.

This document lists the steps required to install this driver in windows 7. Similar steps are required to follow in Windows XP and Linux.

In case other CDC Serial port driver version is used, the serial terminal may not communicate with the board.

Content

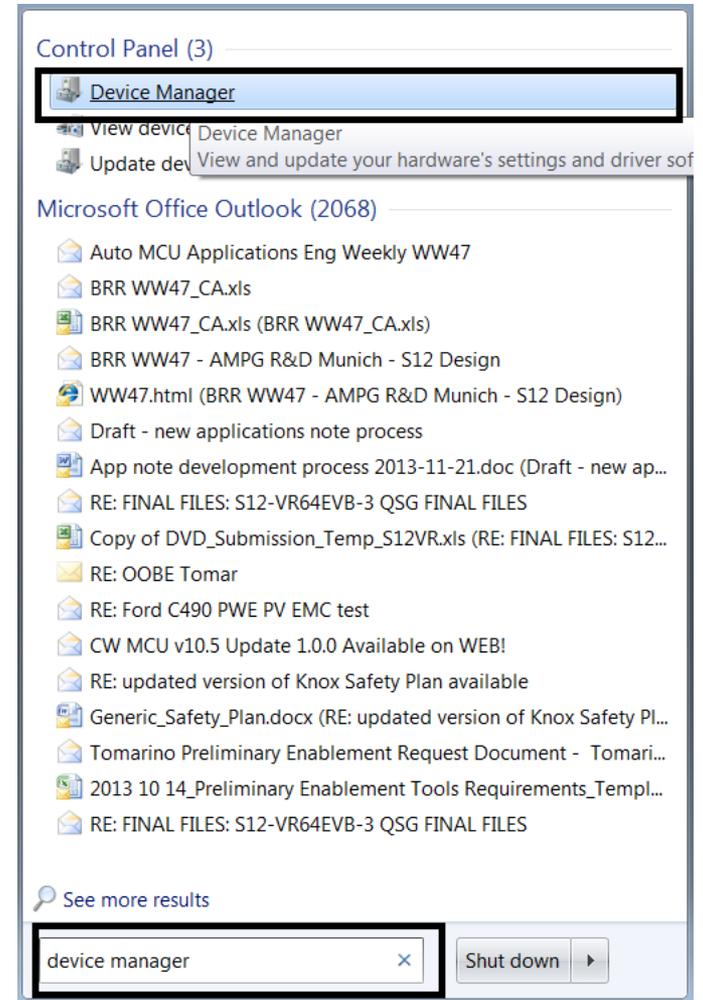


If a previous installation of an OSBDM CDC serial port is already installed

If no previous installation of the OSBDM serial port exists

... previous installation of an OSBDM CDC serial port is already installed

1. Connect the board to the PC by using the USB cable.
2. On the host PC execute the “device manager” (e.g. by searching for this program)
3. If the serial port is already installed the driver will load and will list below the Ports (COM & LPT) section



If a previous installation of an OSBDM CDC serial port is already installed

- 4. Right click on the driver's name and select Uninstall. This is to assure windows will allow updating the driver.

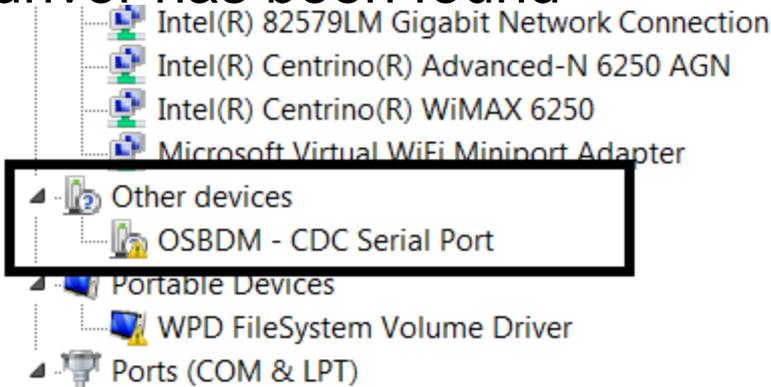


- 5. Click the “Delete the driver software for this device” and click OK.



If a previous installation of an OSBDM CDC serial port is already installed

6. Scan for hardware changes and uninstall and delete all the remaining OSBDM CDC Serial Port drivers.
7. When no more CDC Serial Port Drivers exist, a new entry will appear below “Other devices” indicating no suitable driver has been found



8. The next section list the steps required to install the matching driver.

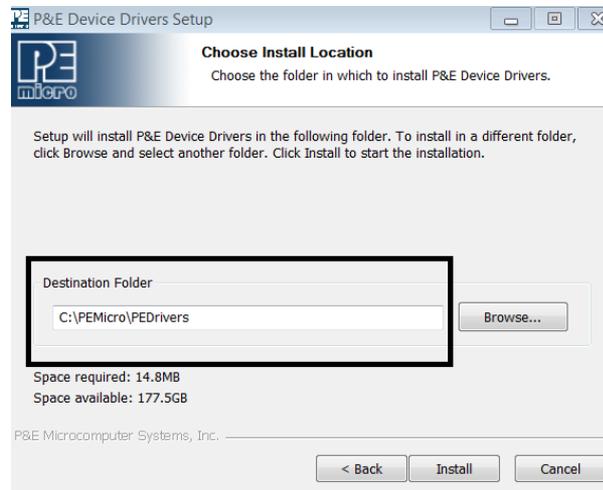
Content

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1. Download P&E Micro driver V11.1.1 from P&E micro: <http://www.pemicro.com/osbdm> (Also included in some DVDs shipped along with the board)
2. Execute the file PEDrivers_install.exe and follow the instructions included in the file.
3. Remember the installation directory. By default it is c:\PEMicro\PEDrivers



If no previous installation of the OSBDM serial port exists

4. On the Device Manager select scan for hardware changes. This will automatically install the matching driver.



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