

Windows XP USB composite device driver install for Power OS

1. Windows upgrades

1.1 USB serial driver fix (usbser.sys)

Install Microsoft bug fix #KB918365

http://hotfixv4.microsoft.com/Windows%20XP/sp3/Fix182465/2600/free/276338_ENU_i386_zip.exe

- Execute the downloaded file "276338_ENU_i386_zip.exe" to uncompress the archive.
- Execute the uncompressed file "WindowsXP-K918365-x86-ENU.exe" to install the driver fix.

1.2 USB composite driver fix (usbccgp.sys)

Install Microsoft bug fix #KB945436

http://hotfixv4.microsoft.com/Windows%20XP/sp4/Fix217189/2600/free/345802_ENU_i386_zip.exe

- Execute the downloaded file "345802_ENU_i386_zip.exe" to uncompress the archive.
- Execute the uncompressed file "WindowsXP-K945436-x86-ENU.exe" to install the driver fix.

1.3 Install alternate terminal (Hypoterminal)

Another terminal needs to be installed because Windows default terminal "Hyperterminal" can not handle packet transfer.

- Download "Hypoterminal" from the following link: <http://www.recursion.jp/prose/hypoterm/>
- Uncompress the "hypoterm2.zip" archive
- Run "setup.exe" to install the program.

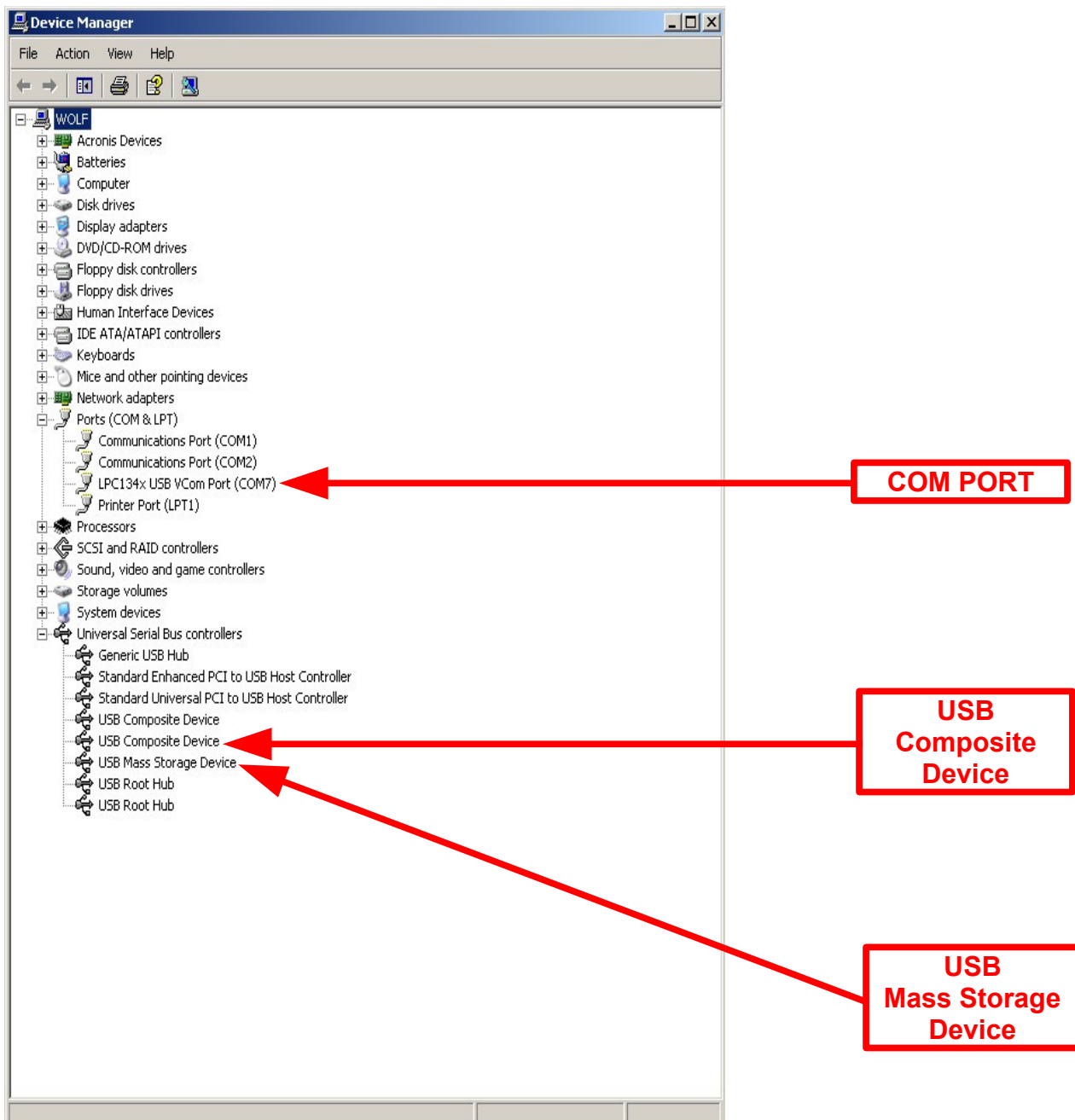
1.4 Reboot the system

- Restart the Windows computer before using the new drivers.

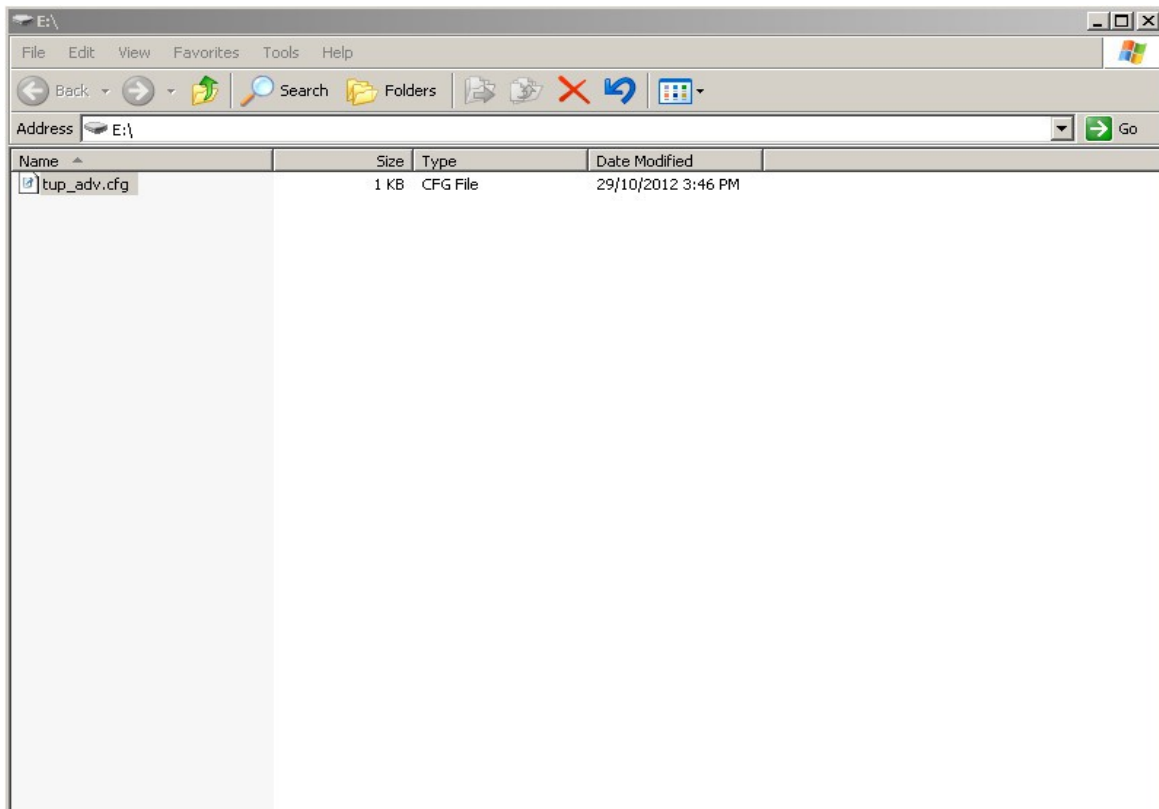
2. Driver Install

- Plug the USB TRI-M product to the Windows computer
- Windows should automatically detect a new device and ask for a driver
- follow the manual procedure and instruct Windows where to load the driver from.
- Select the folder where the INF file "lpc134x-vcom.inf" is located.
- Windows should find a matching driver for the new device.
- Select OK when the warning message pop-up.

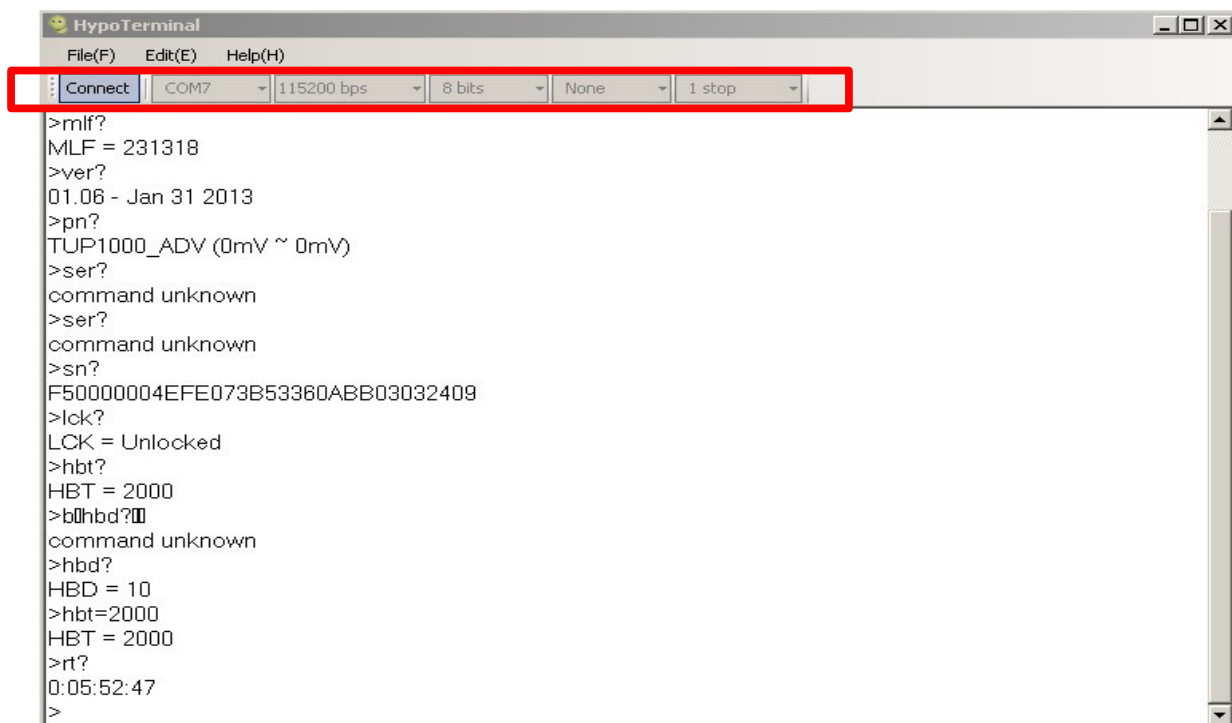
After the install is completed, the following devices should be available in the device manager:



Windows automatically pop-up an explorer window with the content of the Mass Storage:



Start “HYPOTERMINAL” to communicate with the device:



Select the COM port to match the device and set the protocol setting as shown on the picture above.