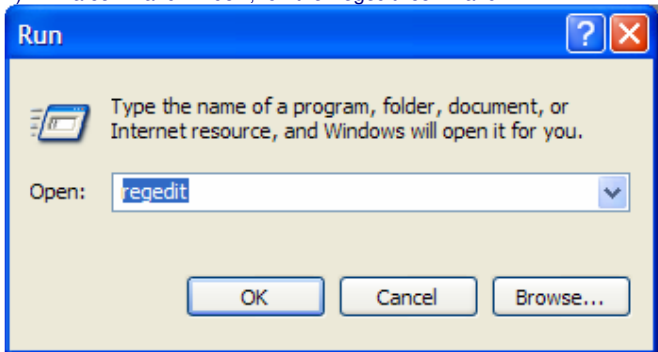


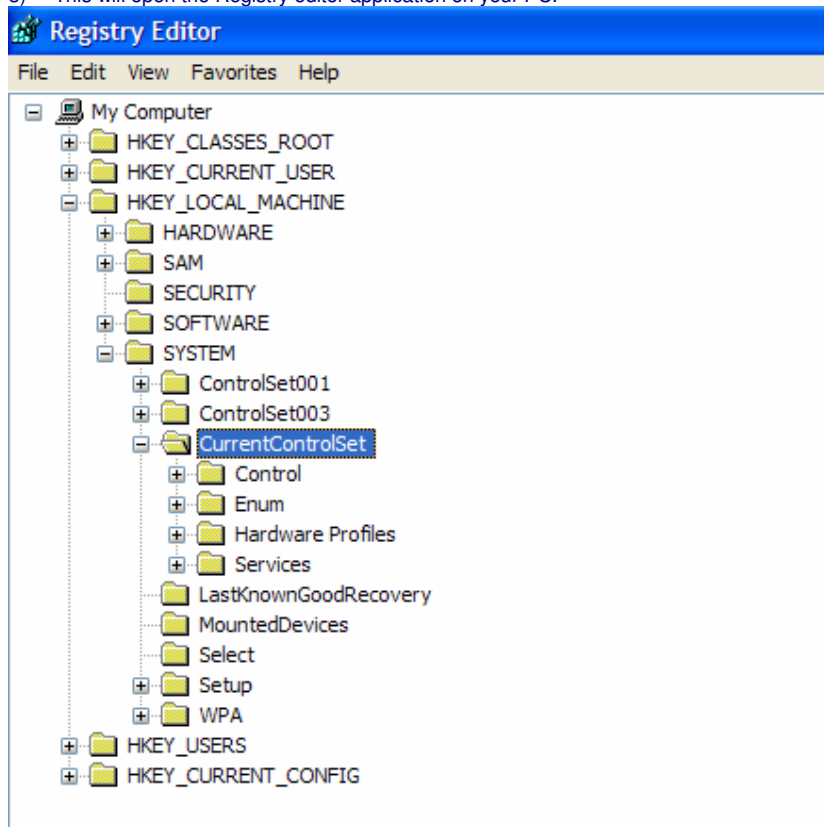
## Installing USB Driver for the Eval-ADuC7061MK evaluation board.

Installing USB driver file for FT232R

- 1) Unzip the CDM 2.04.06 WHQL Certified.zip into a known directory.
- 2) In a command window, run the "regedit" command.



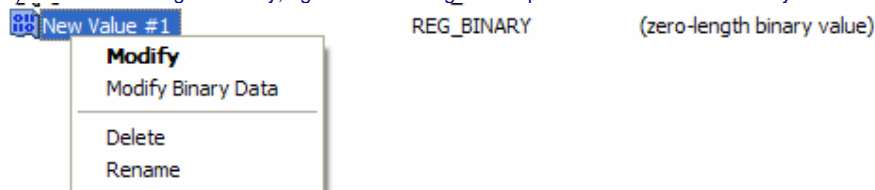
- 3) This will open the Registry editor application on your PC.



In this window, scroll down to the USB flags directory :

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\UsbFlags\

- 4) In the USB flags directory, right click in the right hand pane and select "new" "binary"

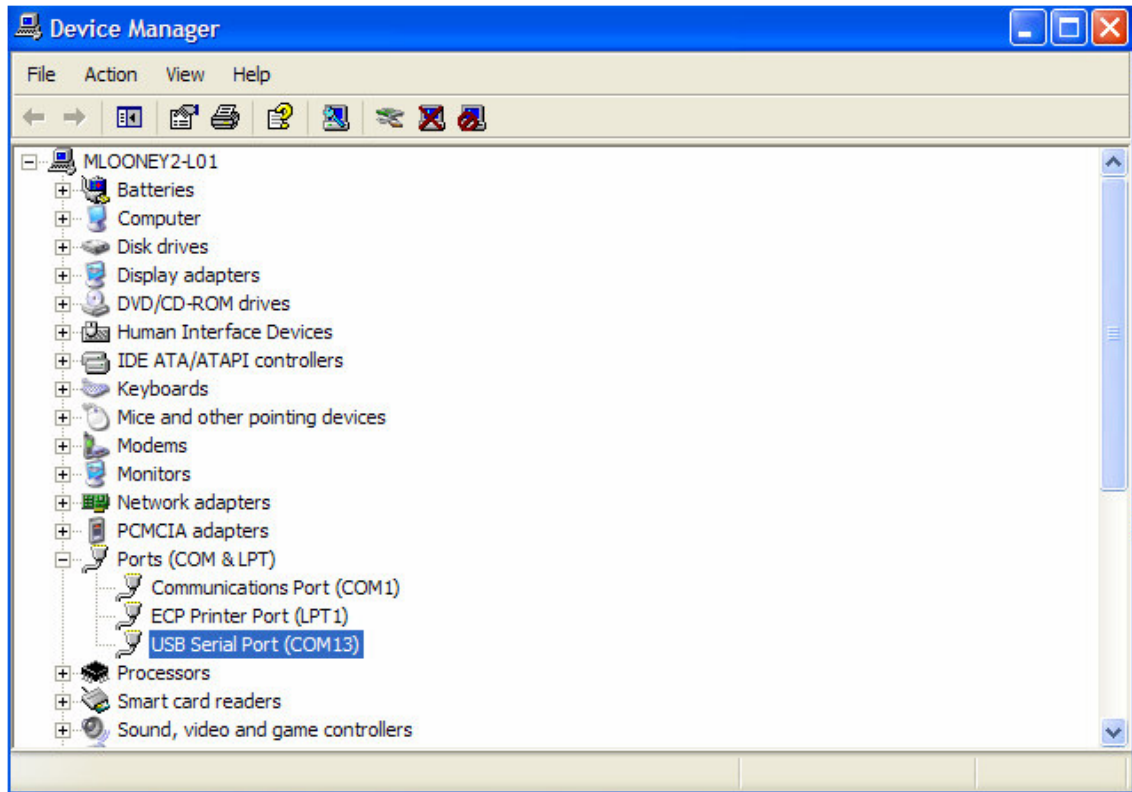


- 5) Change the name to "IgnoreHWSerNum04036001" and set the value to "01"



- 6) Next, connect the Eval-ADuC7061MK board to your PC via the mini-USB cable provided.

- 7) Install the USB driver from the directory where CDM 2.04.06 WHQL Certified.zip was unzipped.
- 8) Once the driver is installed, a new comm. Port number will be assigned by your PC to the Eval-ADuC7061MK. To find out what COMM port number has been assigned, open the Device Manager window.

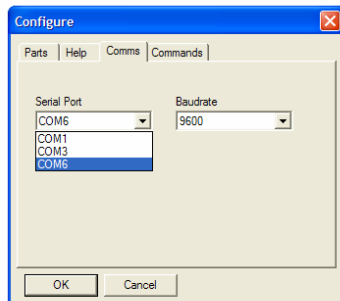


1) Installation

Copy the latest ARMWSD.exe and associated files on to your hard-disk.

2)

Run the file ARMWSD.exe. The Windows Serial Downloader for ARM based part (ARMWSD) is a windows software program that allows a user to serially download Intel Extended Hex files as created by assembler/compiler to the MicroConverter via the serial port. The Intel Extended Hex file is downloaded into the on-chip Flash/EE program memory via a selected PC serial port (COM1 to COMx). Select the COMM port indicated by the USB Serial Port (COMx) in step 8 above.

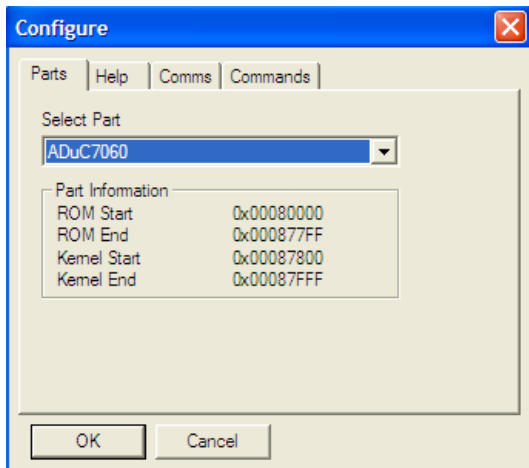


3)

Power up the evaluation board using the 9V power supply. Connect the evaluation board header J4 to your PC's COMx serial port using the RS-232 dongle cable provided. The PC serial COM port may be changed from COM1 via the WSD 'configuration' 'Comms' option. Select the bottom port in the Serial Port drop box.

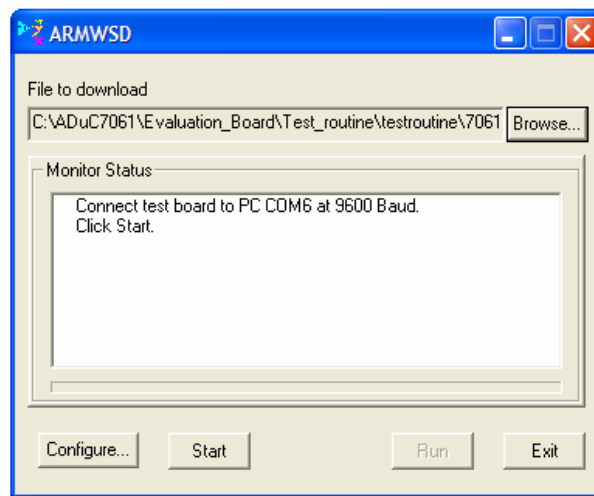
4)

Under the "Configure" parts Option, select the ADuC7060 device.

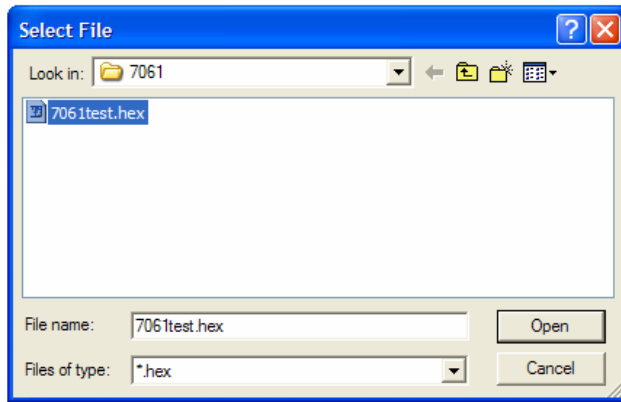


5) The user should put the MicroConverter into serial download mode using the following sequence:

- a. S1 & S2 are Release.
- b. Push S2 (Serial Download) and keep it pressed
- c. Push S1 (/RESET)
- d. Release S1.
- e. Release S2



6) Select the file at C:\...\7061test.hex.



- 7) Press the Configure button and in the Parts panel select the part you are using. Press OK.
- 8) Press the Start button. The ARMWSD automatically sends the reset command to the MicroConverter. If the MicroConverter is in serial download mode and the comms between the PC and the evaluation board are setup correctly then the ARMWSD should start downloading the hex file and display a progress bar while the file is downloading. Once the file has been successfully downloaded monitor status box will be updated with "Download Complete Click Run to run program".

