Installing USB Driver for the Eval-ADuC7061MK evaluation board.

Installing USB driver file for FT232R

- A 1 1		A subficial statistical sector statistical statistics
1)	Unzip the CDIVI 2.04.06 WHQL	Certified.zip into a known directory.

2	In a command	window r	in the	"reaedit"	command
_				reacan	communa.

 In a command window, run the "regedit" command.
Run ?X
Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open: regedit
OK Cancel Browse
3) This will open the Registry editor application on your PC.
💣 Registry Editor
File Edit View Favorites Help
E My Computer
HARDWARE
😟 💼 SAM
SECURITY
STSTEM
🗈 🧰 Hardware Profiles
Services
LastKnownGoodRecovery
MountedDevices
Select
I WPA
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\UsbFlags\ 4) In the USB flags directory, right click in the right hand pane and select "new" "binary"
Image: New Value #1 REG_BINARY (zero-length binary value)
Modify
Modify Binary Data
Delete
Rename
5) Change the name to "IgnoreHWSerNum04036001" and set the value to "01"
TanoreHWSerNum04036001 REG_BINARY 01
A) Next connect the Evel ADuC7061MK board to your DC vie the mini USB cable provided
of the right of the Eval-Abuch to thir board to your FC via the mini-USB cable provided.

- 7) Install the USB driver from the directory where CDM 2.04.06 WHQL Certified.zip was unzipped.
- 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.

📇 Device Manager	
File Action View Help	
HUDONEY2-L01	~
🕀 🐙 Batteries	
🗄 📲 Computer	
🕀 🐲 Disk drives	
🗄 💆 Display adapters	
III 🥝 DVD/CD-ROM drives	
⊞ 🖾 Human Interface Devices	
IDE ATA/ATAPI controllers	
H → Seyboards H →	
Mice and other pointing devices	
H Modems	
H g Monitors	
H H H Network adapters	
E Commission Back (COM1)	
USB Social Dept (COM12)	
Smart card readers	
E Sound video and name controllers	(202)
	×

- 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/compilers 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.

Configure		
Parts Help	Comms Commands	
Serial Port COM6 COM1 COM3 COM6	Baudrate 9600	×
ОК	Cancel	

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.

Configure	X
Parts Help Comms Commands	
Select Part	
ADuC7060	
Part Information ROM Start 0x00080000 ROM End 0x000877FF Kemel Start 0x00087800 Kemel End 0x00087FFF	
OK Cancel	

- 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

😽 ARMWSD
File to download C:\ADuC7061\Evaluation_Board\Test_routine\testroutine\7061 Browse
Monitor Status Connect test board to PC COM6 at 9600 Baud. Click Start.
Configure Start Run Exit

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

Select File		? 🛛
Look in: 问	7061	- 🖬 🏜 🖃
🗾 7061test.h	nex	
File name:	7061test.hex	Open
Files of type:	*.hex	Cancel

- 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".

Configure 🛛	
Parts Help Comms Flash	
Hashing options Mass erase ✓ Program ✓ Verify ✓ Protect	
OK Cancel	

NG ARMWSD
File to download C:\ADuC7061\Evaluation_Board\Test_routine\testroutine\7061 Browse Monitor Status Connect test board to PC COM6 at 9600 Baud. Click Start. Ready @ 9600 baud n.8.1. Press Download and pulse Reset on hardware. ADuC7060 -32 A3Y/ received. Erasing 23 pages of 512 bytes each.
Configure Start Run Exit