## TSL2560/61 EVMQuick InstallationTAOSOPTOELECTRONICSOLUTIONS\*



## **SOFTWARE INSTALLATION**

On most PCs, installation will automatically start when the CD-ROM is inserted into the drive. If the installation does not begin:

- 1. Double-click the **Setup.exe** file on the CD-ROM, or
- Click Start -> Click Run -> Type D:\setup and press Enter. IMPORTANT: Use the appropriate drive letter in the above command to install the software. CD-ROMs are commonly D:

The installation program will guide you through the product installation.

Two applications are loaded: "Automatic Brightness Control Demo" and "Device Utility". See the <u>TSL2560/61 EVM User's Guide</u> for more information.

## **USB DRIVER NOTES**

**IMPORTANT:** Before connecting the USB EVM/cable to the computer, disconnect the computer from the network if running Windows XP. XP searches the internet and automatically installs an XP certified driver in place of the FT8U2XX driver. If the computer cannot be disconnected from the network, the USB driver will likely need to be updated manually once XP has completed installing a generic USB serial driver. An FTDI FT8U2XX Device driver is the correct USB driver. To update the driver manually, go to step 5 on the next page. Highlight XP's substituted driver (e.g. "USB Serial Converter") rather than the FTDI FT8U2XX Device shown in step 6. Right mouse on the highlighted driver and select "Update". Go to step 1 and follow the instructions to install the correct USB driver.

## **USB DRIVER INSTALLATION**

Using the enclosed cable, plug the mini-B connector into the EVM module. Using the other end of the cable, plug the USB A-connector into a USB port on the computer.

A USB "Found New Hardware Wizard" dialog should appear. Please carefully perform the following steps to install the appropriate FTDI USB driver.

Found New Hardware Wizard		
	Welcome to the Found New Hardware Wizard	
	This wizard helps you install software for:	
	USB <-> Serial	
- the	If your hardware came with an installation CD or floppy disk, insert it now.	
	What do you want the wizard to do?	
	<ul> <li>         Install the software automatically (Recommended)</li></ul>	
	Click Next to continue.	
	< Back Next > Cancel	

1. Select "Install from a list or specific location (Advanced)". Click Next.

Found New Hardware Wizard			
P	Please choose your search and installation options.		
	● Search for the best driver in these locations.		
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.			
	Search removable media (floppy, CD-ROM)		
	✓ Include this location in the search:		
	D:\FTDI Browse		
	O Don't search. I will choose the driver to install.		
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.			
	< <u>B</u> ack <u>N</u> ext > Cancel		
2.	Select "Search for the best driver in these		

 Select "Search for the best driver in these locations." Check "Include this location in the search" check box. Use the "Browse" button to locate the appropriate USB driver which is found on the CD-ROM in "D:\FTDI" directory. Click Next.



3. A Window dialog may appear indicating that the driver has not passed Windows logo testing. If so, simply ignore the warning and click the "Continue Anyway" button.



4. Click Finish.

? System Properties System Restore Automatic Updates Remote Computer Name Hardware General Advanced Add Hardware Wizard The Add Hardware Wizard helps you install hardware Add <u>H</u>ardware Wizard Device Manager The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device. Device Manager Driver Signing Hardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations. Hardware Profiles OK Cancel Apply

5. **RECOMMENDED:** To quickly check to see if the USB driver was installed properly, go to the 'Control Panel' and double-click the 'System' icon. Select the 'Hardware' tab at the top and click the 'Device Manager' button in the middle of dialog.

🖴 Device Manager		
<u>File Action View Help</u>		
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PCMCIA adapters		
Ports (COM & LPT)		
Reverse		
Sound, video and game controllers		
System devices		
Intel(P) 92901CA/CAM USP Universal Host Controller - 2492		
← Intel(R) 82801C4/CAM USB Universal Host Controller - 2484		
Thei(R) 82801CA/CAM USB Universal Host Controller - 2487		
USB Root Hub		
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- Scroll down to "Universal Serial Bus Controller" and expand the section by clicking on the adjacent "+". An FTDI FT8U2XX Device should appear. Close the "Device Manager" window, and execute the EVM software.
- For detailed driver installation information for all supported Windows operating systems, please consult the <u>FTDI Windows Driver Installation</u> <u>Guide</u> sections 2.1.1 (98, ME), 2.2.1 (2000), and 2.3.1 (XP) located on the installation CD-ROM.