

EPT USB Driver

The EPT-570-AP uses an FTDI FT2232H USB to Serial chip. This chip provides the USB interface to the PC and the serial/FIFO interface to the CPLD. The FT2232H requires the use of the EPT USB driver. To install the driver onto your PC, use the EPT_2.08.24 Folder. The installation of the EPT_2.08.24 driver is easily accomplished using the "Update Driver Software" utility in Device Manager.

Download the EPT_2.08.24 driver by going to the earthpeopletechnology.com Drivers page. Click on the "Download Now" button.

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At the Browse dialog box, create the directory Earth People Technology\EPT USB-CPLD Development System\Drivers. Save the file under this directory tree.

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Earth People Technology EPT USB-CPI D Development System	^	Name		Date modified	Туре	
Arduino_IDE Documentation		Arduino_IDE		2/12/2013 8:21 AM	File folder	
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		Projects_ActiveHost_64Bit		2/12/2013 8:23 AM	File folder	
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File name: RedBoard-v06.zip						
Save as type: ALZip ZIP File (*.zip)						



Locate the EPT_2.08.24 folder in the Drivers folder of the EPT USB-CPLD Development System using Windows Explorer.

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4 🎉 EPT USB-CPLD Development System 🔺	Name	Date modified	Туре	Size		
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Documentation	EPT_2.08.24	2/12/2013 8:22 AM	File folder			
Arduino-1.0.1 Br7_0.0.24 EPT_0.0.24 EPT_Blaster Projects_ActiveHost_328it Projects_Arduino Projects_Arduino Quartus_Programmer Quartus_Programmer	EPT_Blaster	2/12/2013 8:22 AM	File folder			
EPT_2.08.24 State: 32 Shared File folder Date modified: 2/12/2013 8:22	Shared with: Everyone; Homegroup AM					

Plug in the EPT-570-AP device into an available USB port.



Windows will attempt to locate a driver for the USB device. When it does not find one, it will report a error, "Device driver software was not successfully installed". Ignore this error.

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Go to Start->Control Panel

EPT 2.08.24 INSTRUCTIONS

Getting Started ۲ Connect to a Projector Calculator Sticky Notes Music Snipping Tool Computer Paint Control Panel XPS Viewer Devices and Prin Windows Fax and Scan Default Program Run TightVNC Server Help and Supp Remote Desktop Connection All Programs Search programs and files Q Shut down D

Locate Device Manager and click on it.



Locate the entry under "Other devices". Right click "EPT USB <->Serial&JTAG Cable" and select "Update Driver Software...".





At the Update Driver Software Window, select "Browse my computer for driver software".



Click the Browse button and browse to the \Drivers\EPT_2.08.24 folder of the EPT USB-CPLD Development System. Click the Ok button.





Click the Next button



The next window is the Windows Security notice. The EPT driver is not signed by Windows. Click on the "Install this driver software anyway".



Windows will add the EPT_2.08.24 driver to the System Registry.





When Windows has completed the update driver the following screen will be displayed.



Channel A of the EPT-570-AP is ready for use.

Next, repeat the process for Channel B.





The driver files will automatically install in the System Registry.



When this is complete, the drivers are installed and the EPT-570-AP can be used with for programming and USB data transfers.