

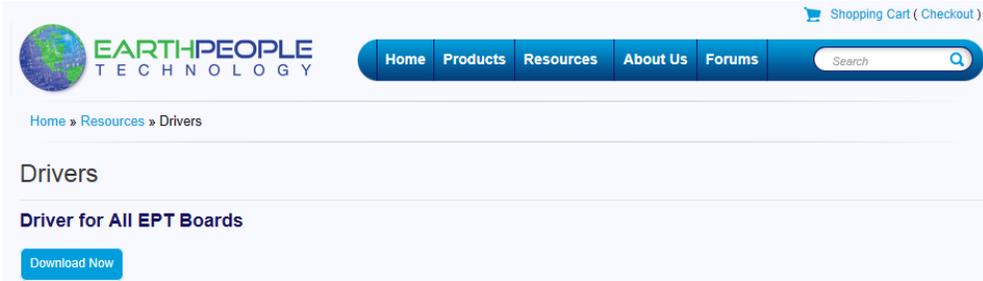


EPT 2.08.24 INSTRUCTIONS

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.



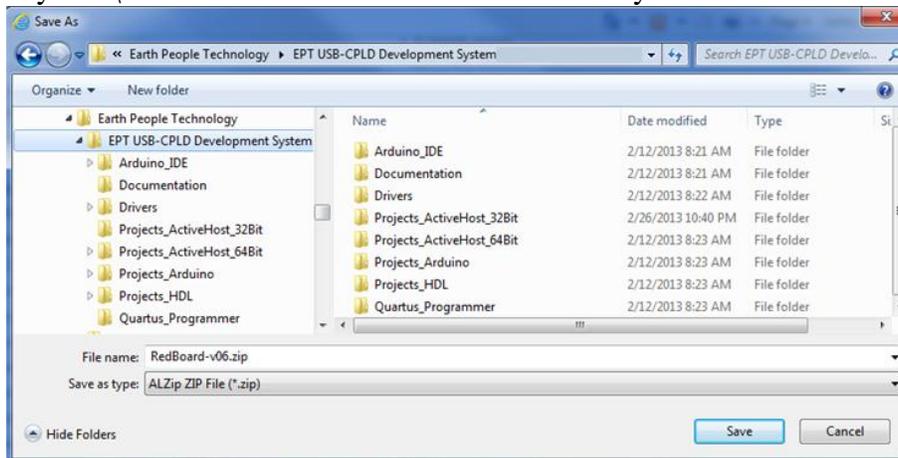
Windows will open the download file banner.



Click on the Save As button.

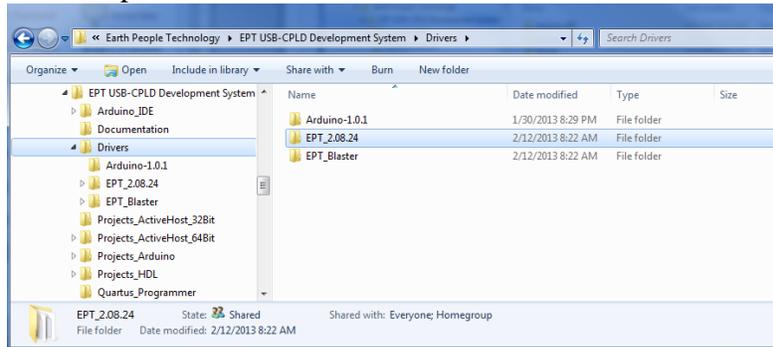


At the Browse dialog box, create the directory Earth People Technology\EPT USB-CPLD Development System\Drivers. Save the file under this directory tree.



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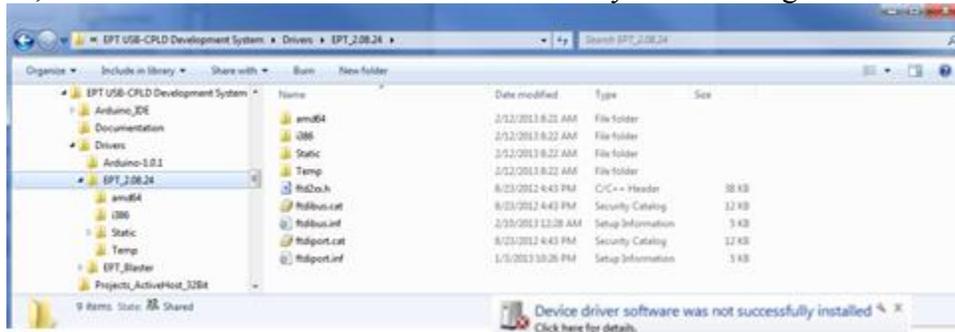
Locate the EPT_2.08.24 folder in the Drivers folder of the EPT USB-CPLD Development System using Windows Explorer.



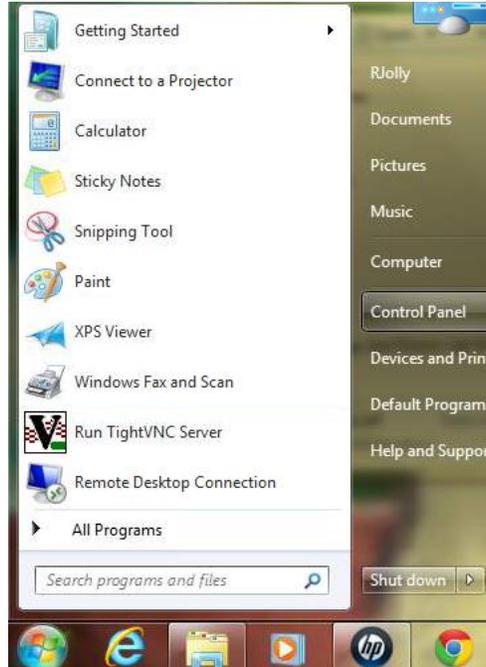
Plug in the EPT-570-AP device into an available USB port.



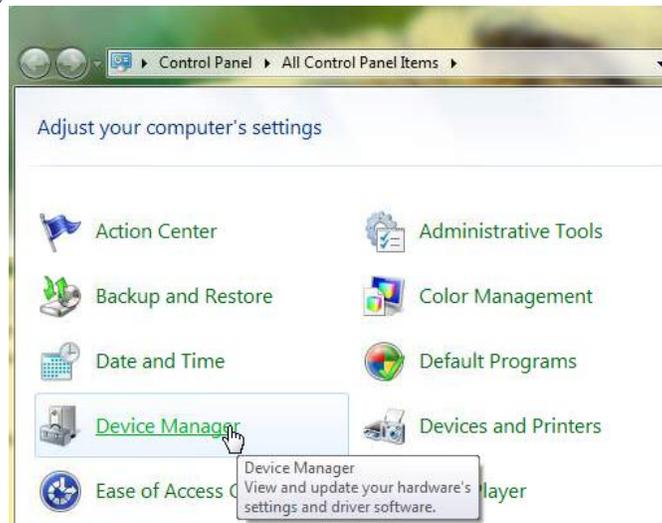
Windows will attempt to locate a driver for the USB device. When it does not find one, it will report an error, "Device driver software was not successfully installed". Ignore this error.



Go to Start->Control Panel

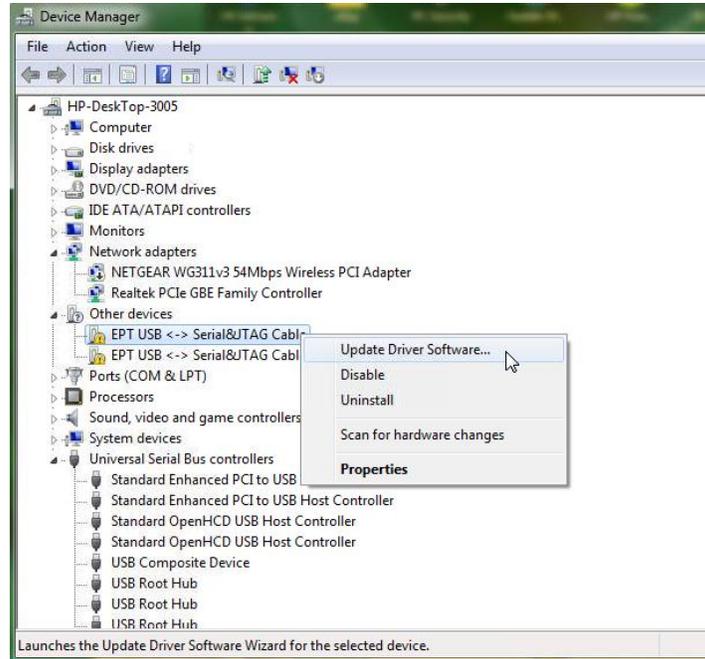


Locate Device Manager and click on it.

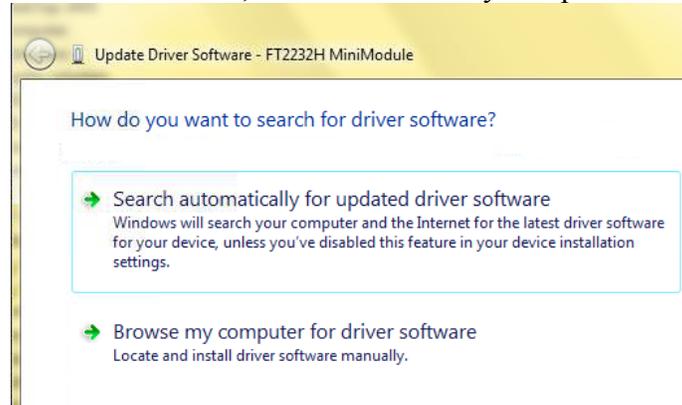


Locate the entry under “Other devices”. Right click “EPT USB <->Serial&JTAG Cable” and select “Update Driver Software...”.

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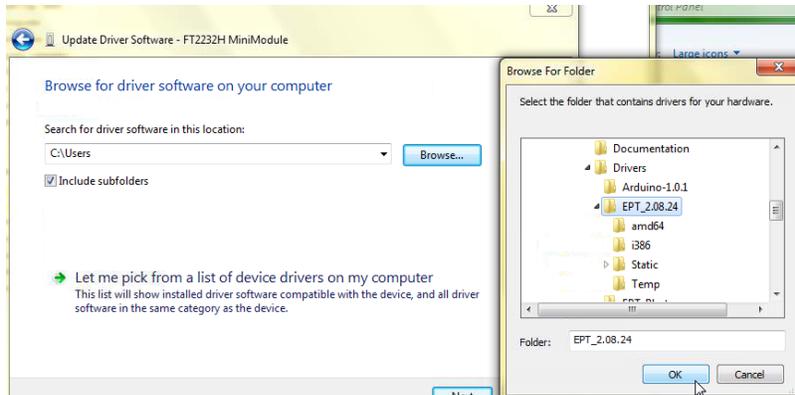


At the Update Driver Software Window, select “Browse my computer for driver software”.

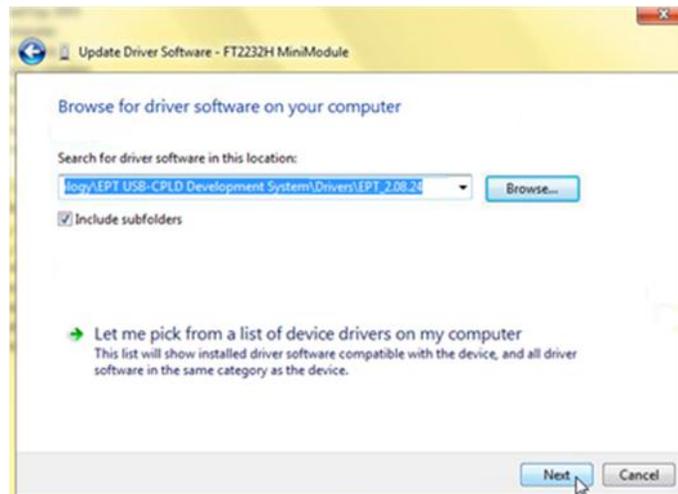


Click the Browse button and browse to the \Drivers\EPT_2.08.24 folder of the EPT USB-CPLD Development System. Click the Ok button.

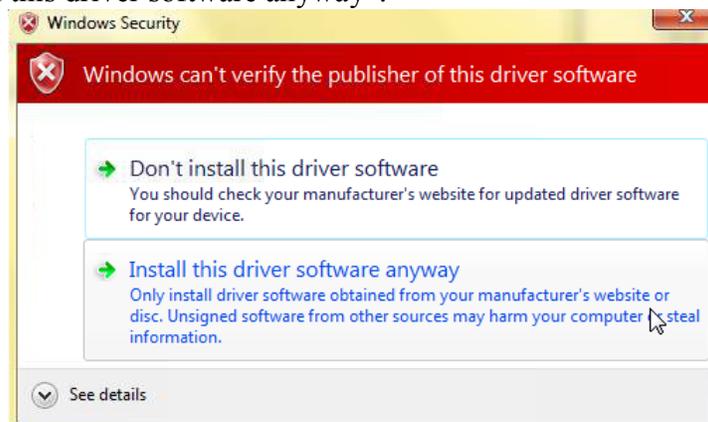
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Click the Next button

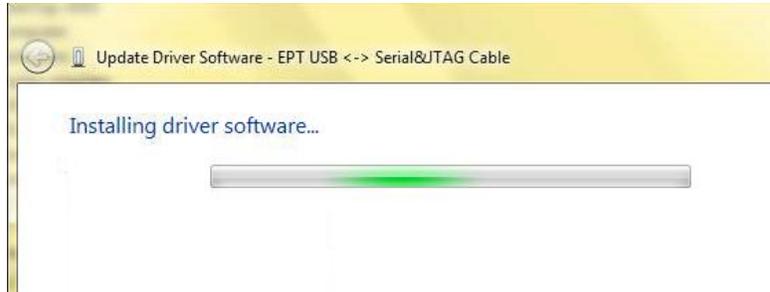


The next window is the Windows Security notice. The EPT driver is not signed by Windows. Click on the “Install this driver software anyway”.



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

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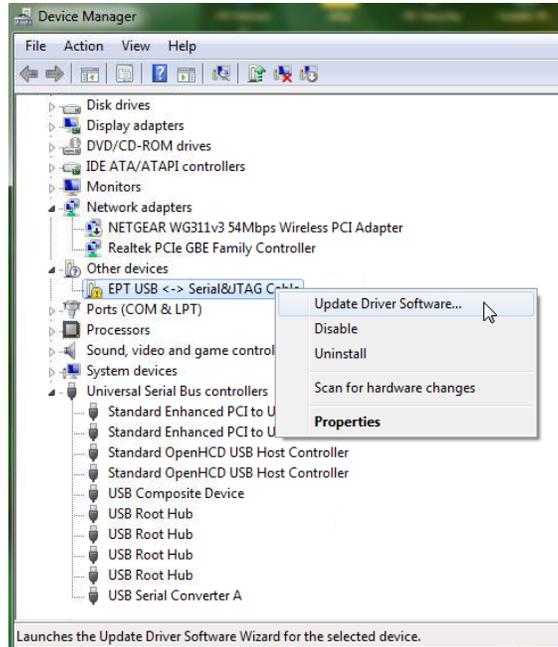
When Windows has completed the update driver the following screen will be displayed.



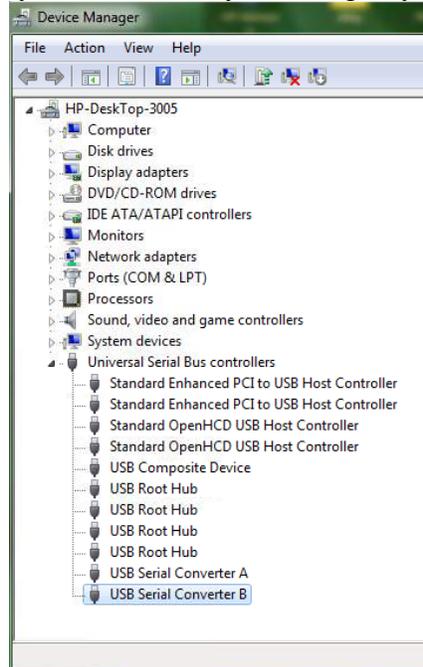
Channel A of the EPT-570-AP is ready for use.

Next, repeat the process for Channel B.

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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.