

EECE494 Computer Bus and SoC Interfacing

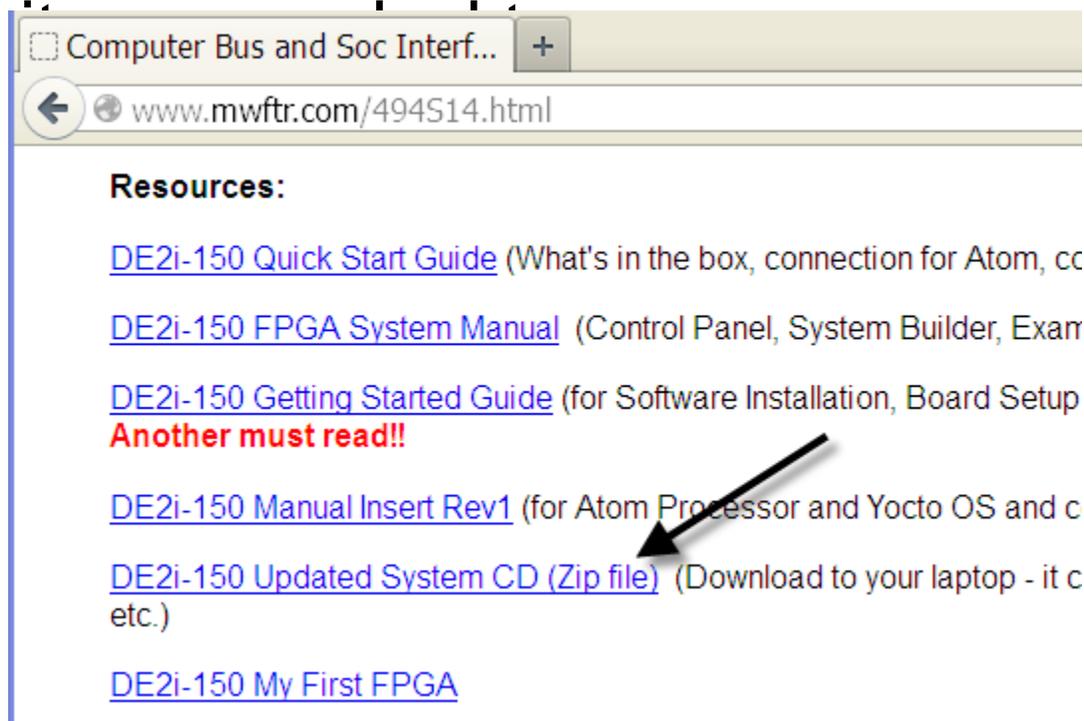
Electrical and Computer Engineering

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The First Step -1

- Download De2i-150-System CD.zip from the class note website and save

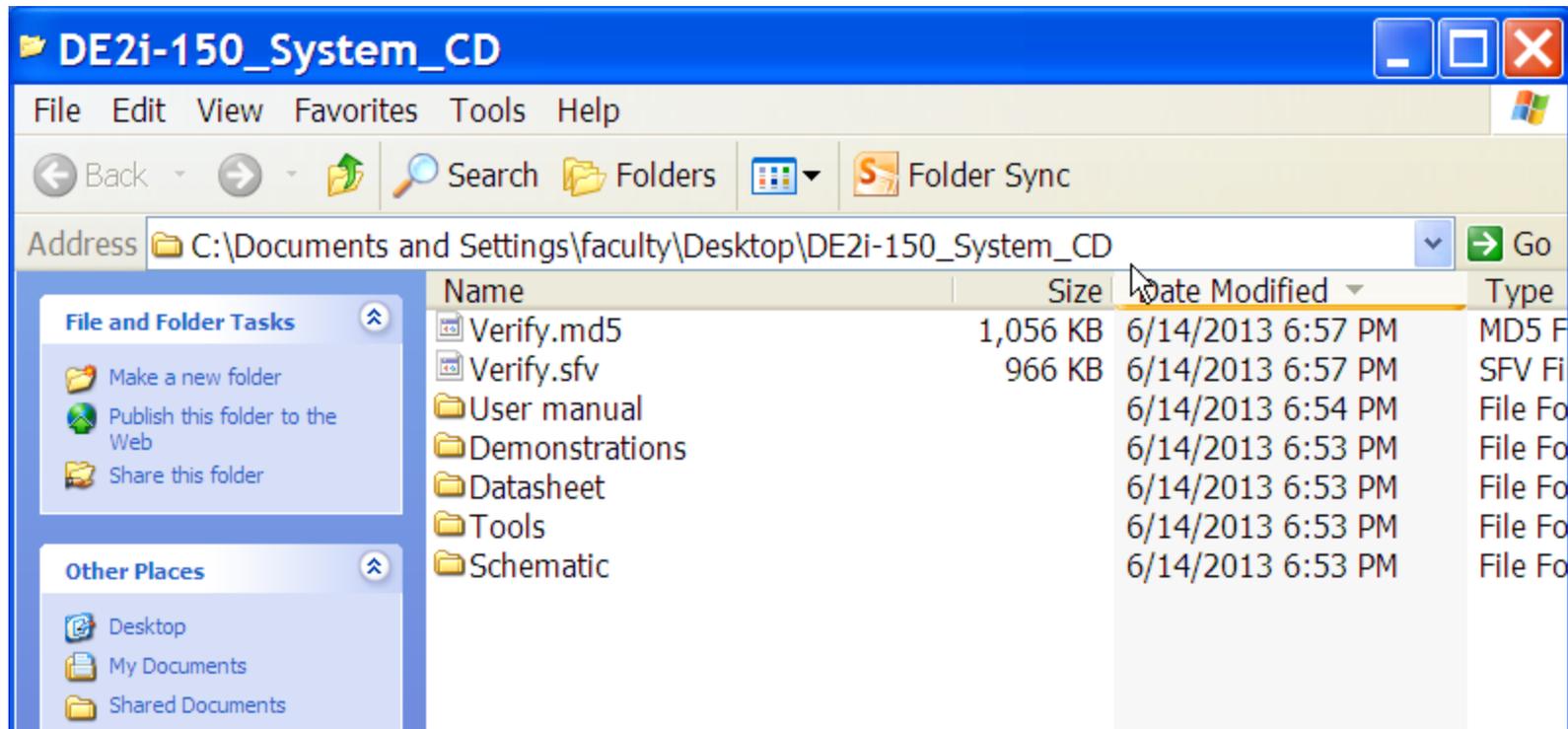


- Make a folder on the desktop and extract the zip file to the folder



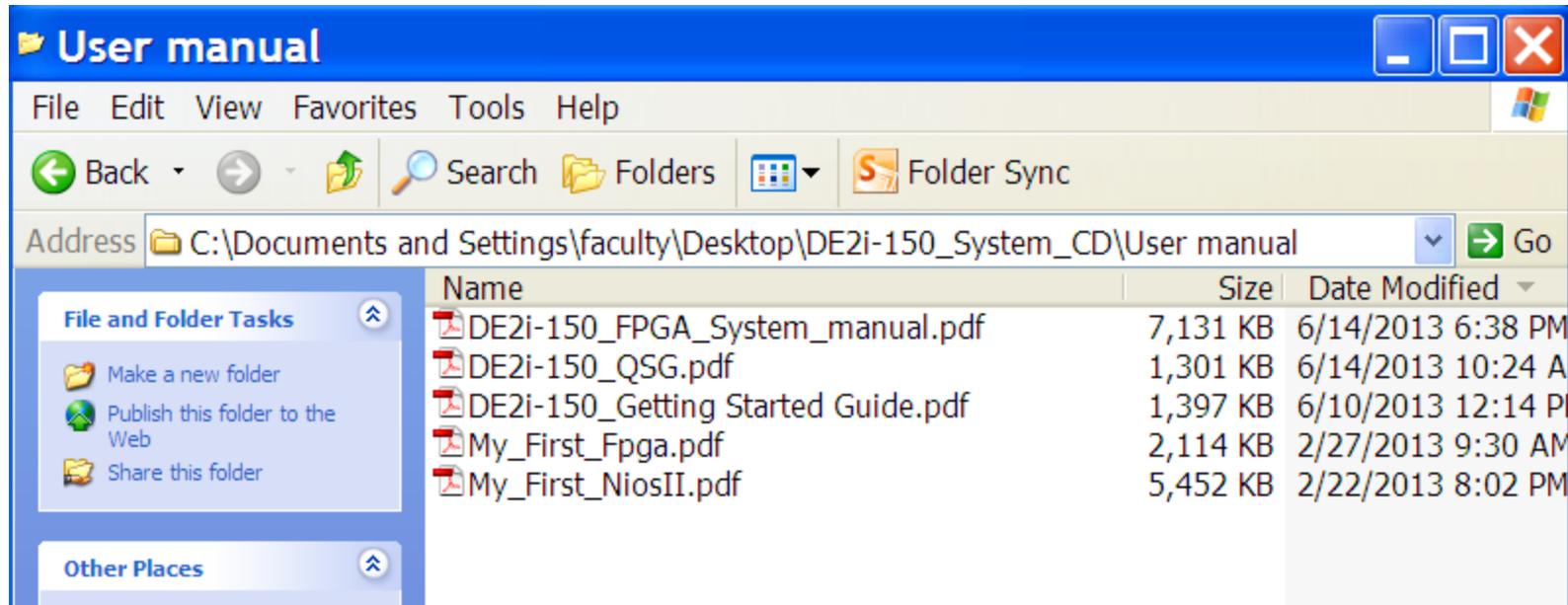
The first step – 2

- You will find 5 sub-folder inside



The first step -3

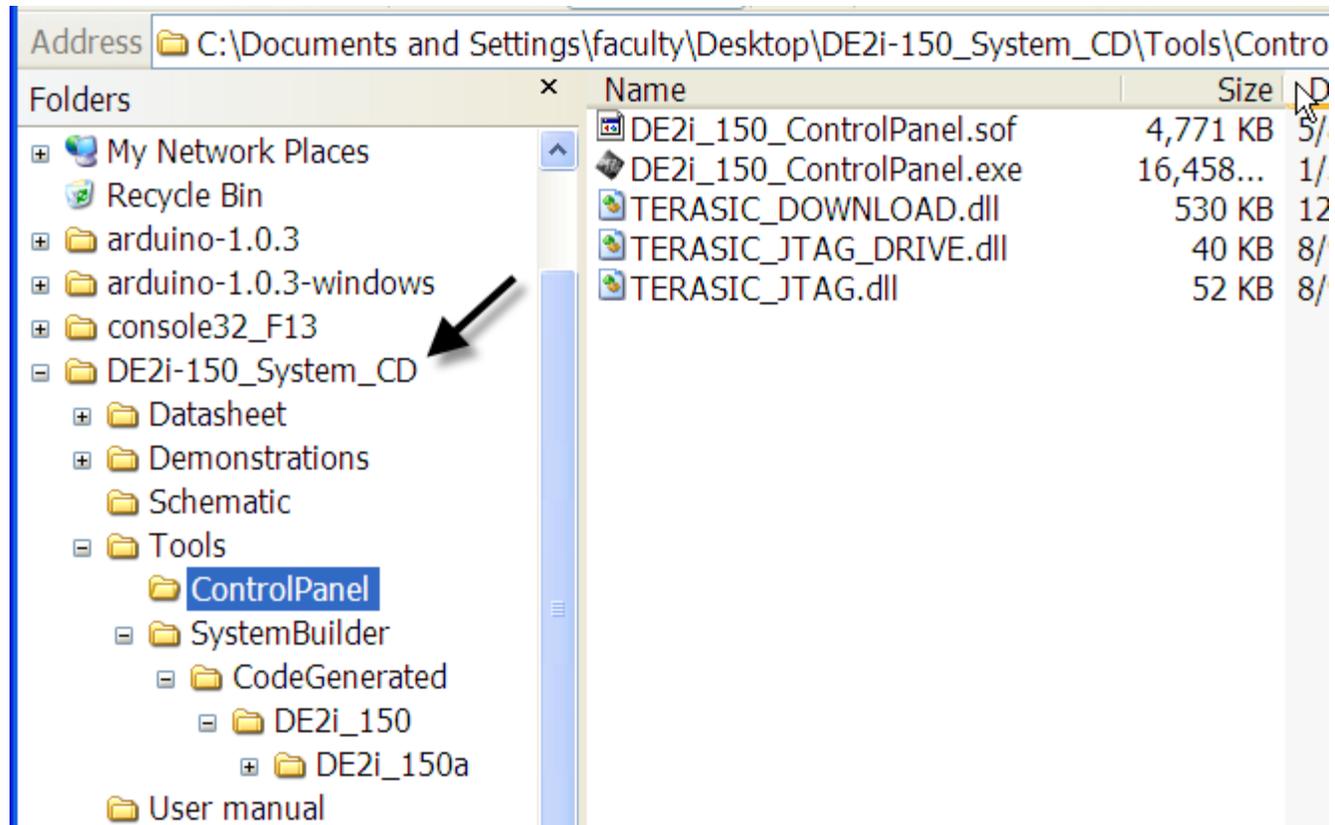
- User Manual sub-folder contents



- Open Getting Started Guide for Software Installation
- Open the System Manual and follow for Control Panel and System Builder + Examples (They are found in the Tools sub-folder: see the next slide)
- Then, follow My First FPGA for FPGA coding and downloading it to the board (You may want to do this after Demonstrations – see the slide after next).

Panel/System

- Control Panel and System Builder



Demonstrations

- Demonstration sub-folders

- ▣  DE2i-150_System_CD
 - ⊕  Datasheet
 - ▣  Demonstrations
 - ▣  FPGA
 - ⊕  DE2i_150_Default
 -  DE2i_150_Golden_top
 - ⊕  DE2i_150_Gsensor
 - ⊕  DE2i_150_IR
 - ⊕  DE2i_150_SD_CARD
 - ⊕  DE2i_150_TV
 - ⊕  DE2i_150_Web_Server
 -  EPCS_Patch
 - ⊕  My_First_FPGA
 - ⊕  My_First_FPGA2
 - ⊕  My_First_NiosII
 - ⊕  My_First_NiosII2
 - ⊕  PCIE_Display
 - ⊕  PCIE_Fundamental

- Pick one under FPGA folder, and follow for an example