Quartus Prime Setup

Version (generic)

Last updated 3/7/20

Quartus Prime Setup

WARNING – WARNING – WARNING

Since our suppliers update their software on a regular basis – some of the screen captures and revision numbers may be different when you install the software
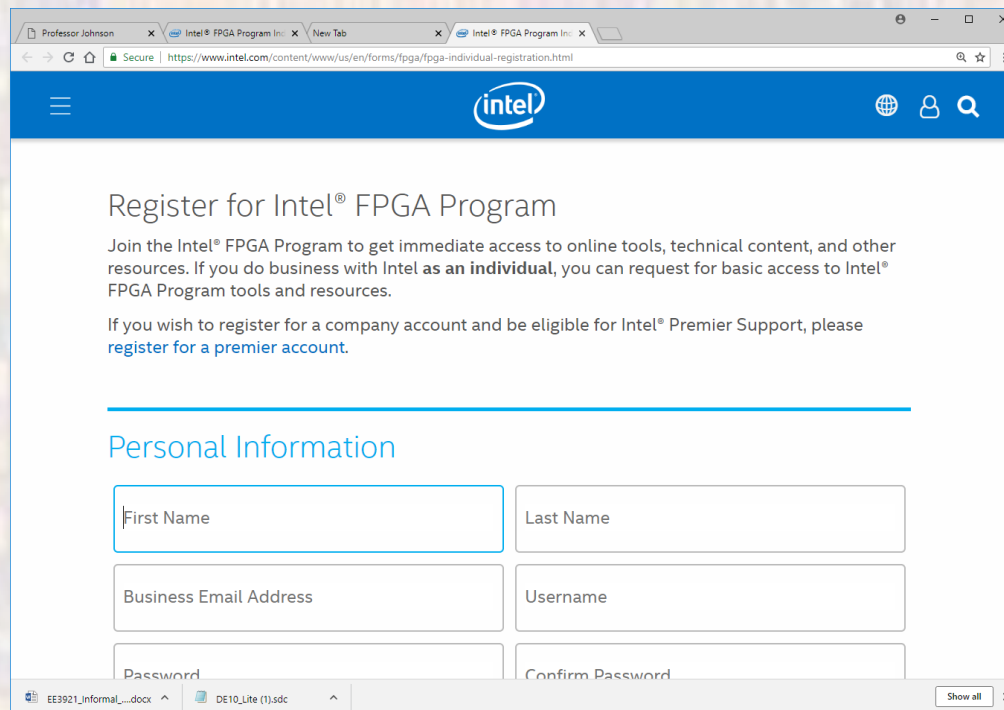
WARNING – WARNING – WARNING

Quartus Prime Setup

- Quartus Prime – Setup

  - The following slides walk through the process of setting up the Quartus Prime software

  - This is the development platform for the Intel FPGAs

  - Please note – this process takes quite a while (>2 hours) depending on your internet connection.
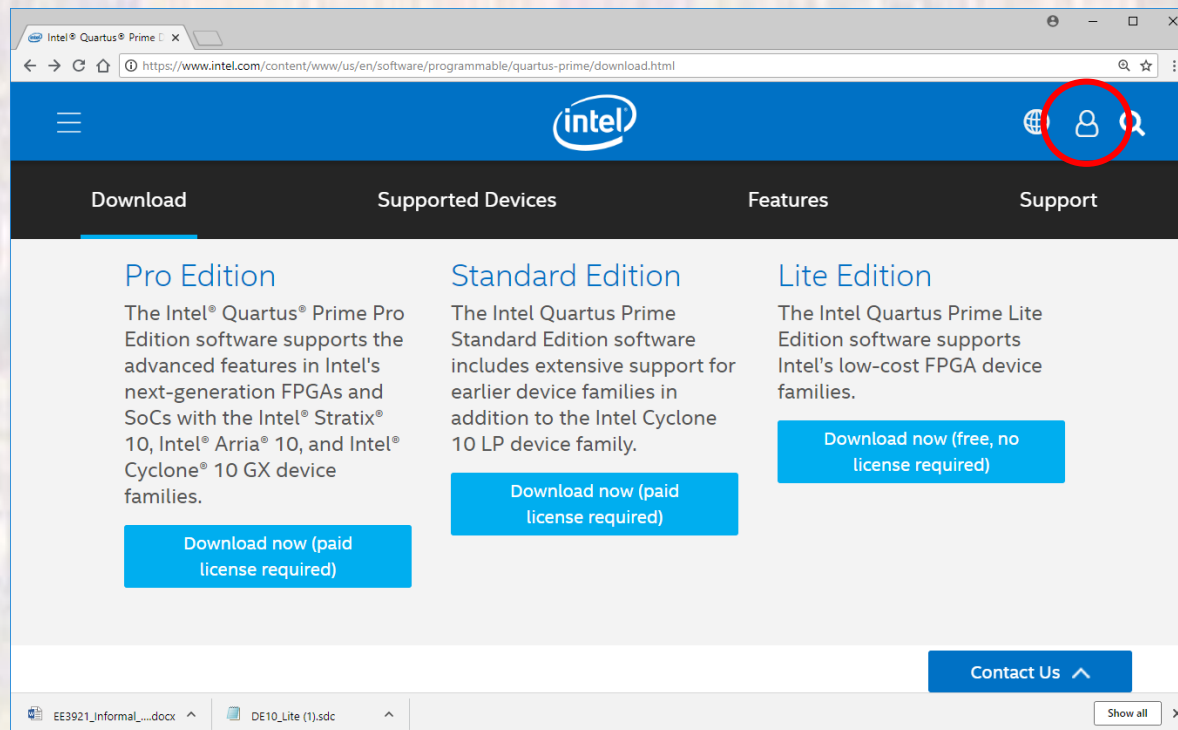
Quartus Prime Setup

- Quartus Prime – Setup
  - If you do not already have an INTEL FPGA account – create one.
    - https://www.intel.com/content/www/us/en/forms/fpga/fpga-individual-registration.html
 - Use your university email address

Quartus Prime Setup

- Quartus Prime – Setup
  - Browse to the Intel Software Support site
  - https://www.intel.com/content/www/us/en/software/programmable/quartus-prime/download.html
  - Select Sign-in in the upper right corner

Quartus Prime Setup

- Quartus Prime – Setup
  - Browse to the Intel Software Support site
  - https://www.intel.com/content/www/us/en/software/programmable/quartus-prime/download.html
  - Select the Lite Edition download
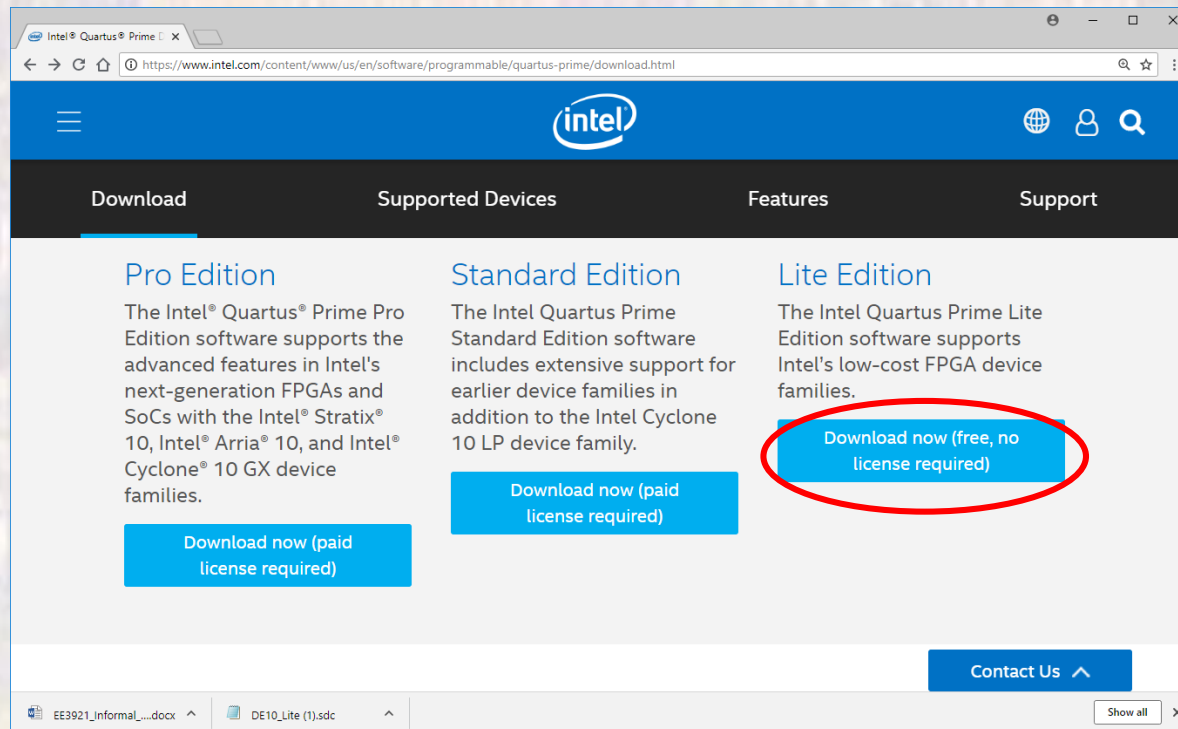
Qurtus Prime Setup

- Quartus Prime Setup
  - Select the Lite Edition
  - Select the most recent version available
  - Select "Windows" or "Linux" as appropriate

Quartus Prime Setup

- Quartus Prime Setup
  - Download the Quartus Prime software, the Model-Sim software and the MAX 10 support package from the Individual Files Tab

Quartus Prime Setup

- Quartus Prime – Setup
  - Go to your download location
  - All three downloads should be visible
  - Select QuartusLiteSetup-xx.x.x.xxx-windows.exe
    - Where xx.x.x.xxx corresponds to the version you downloaded
    - The other 2 files are automatically installed by QuartusLiteSetup

max10-19.1.0.670.qdz	3/7/2020 4:18 PM	QDZ File	340,745 KB
ModelSimSetup-19.1.0.670-windows....	3/7/2020 4:16 PM	Application	991,415 KB
QuartusLiteSetup-19.1.0.670-windows...	3/7/2020 4:07 PM	Application	1,599,126 ...

Quartus Prime Setup

- Quartus Prime – Setup
  - Setup Wizard
    - Select "Next"
    - Accept the agreement
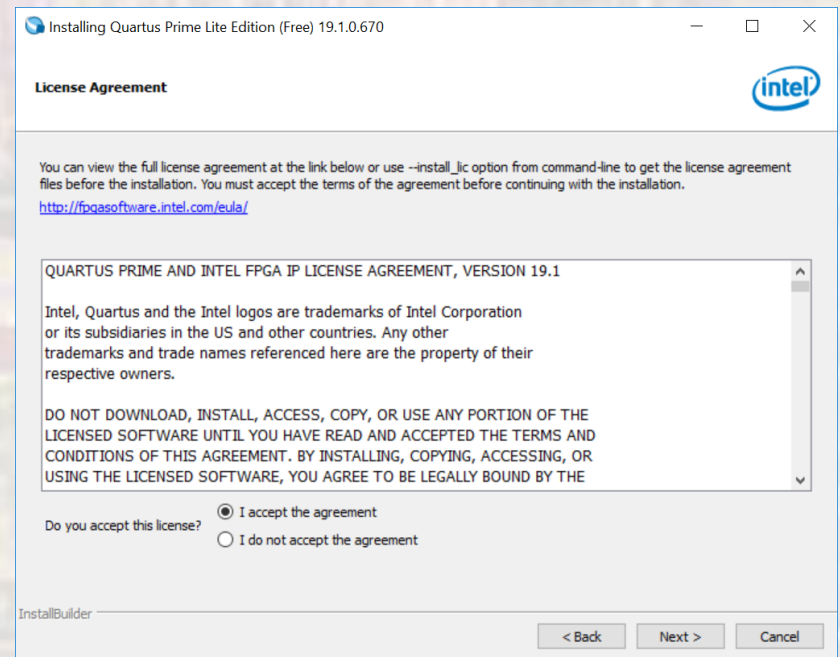
Quartus Prime Setup

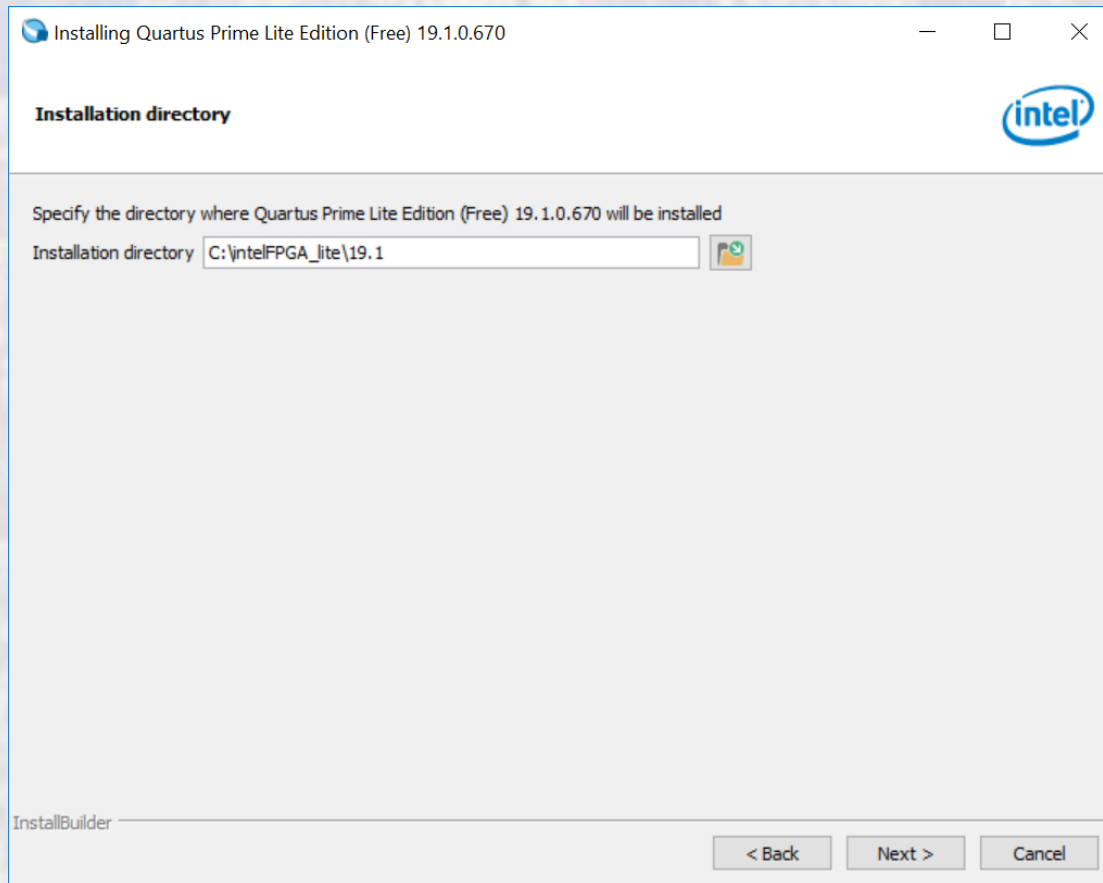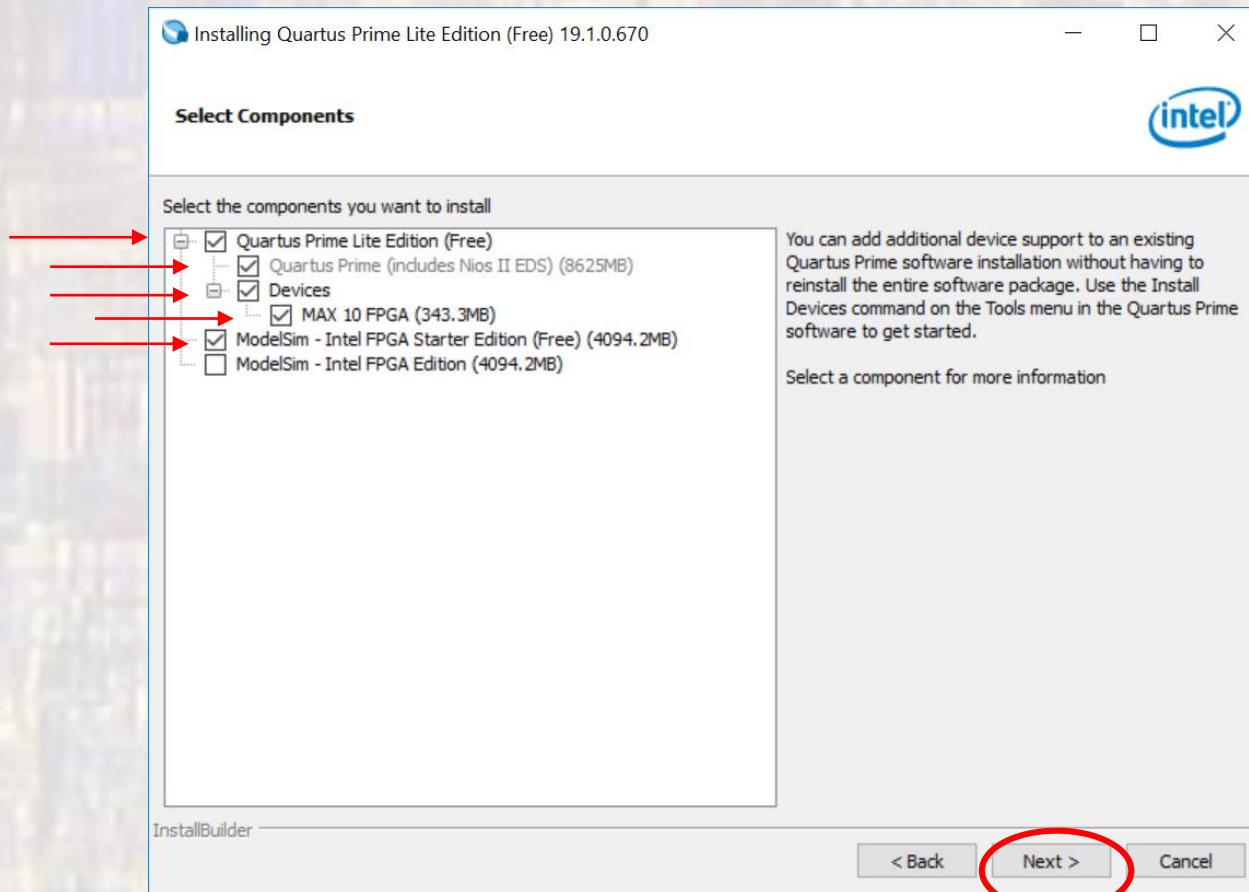- Quartus Prime – Setup
  - Setup Wizard
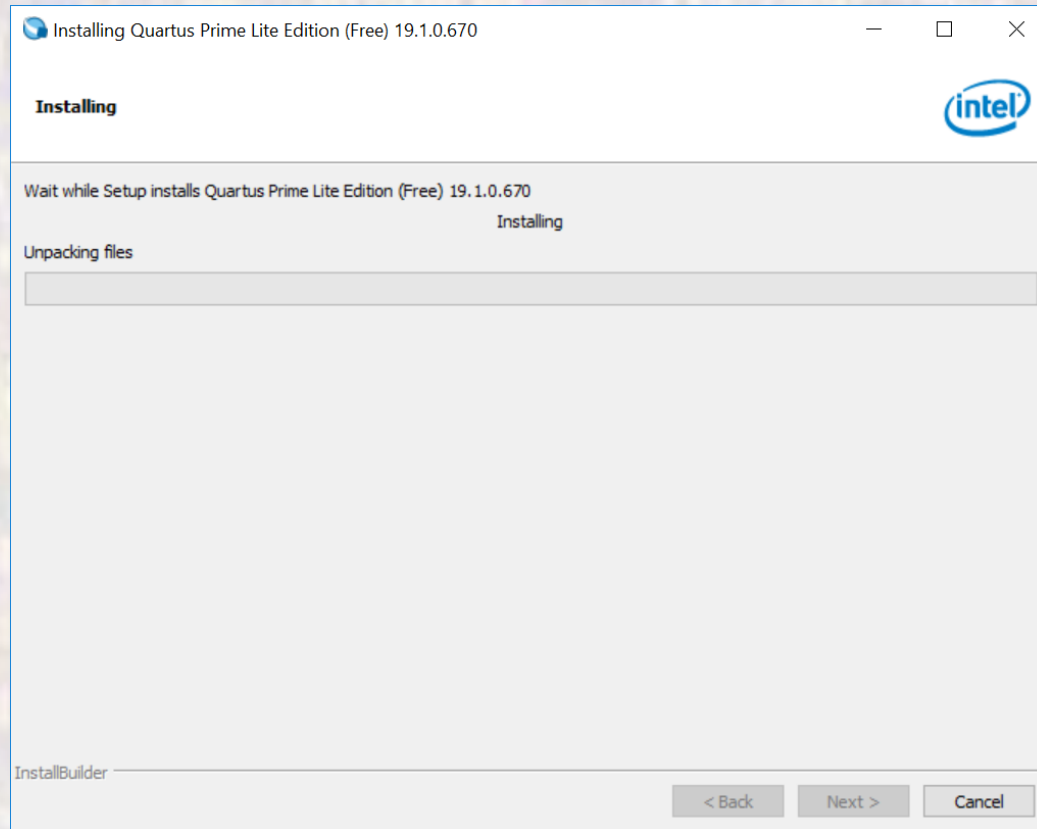   - Keep the default installation directory

Quartus Prime Setup

- Quartus Prime – Setup
  - Setup Wizard
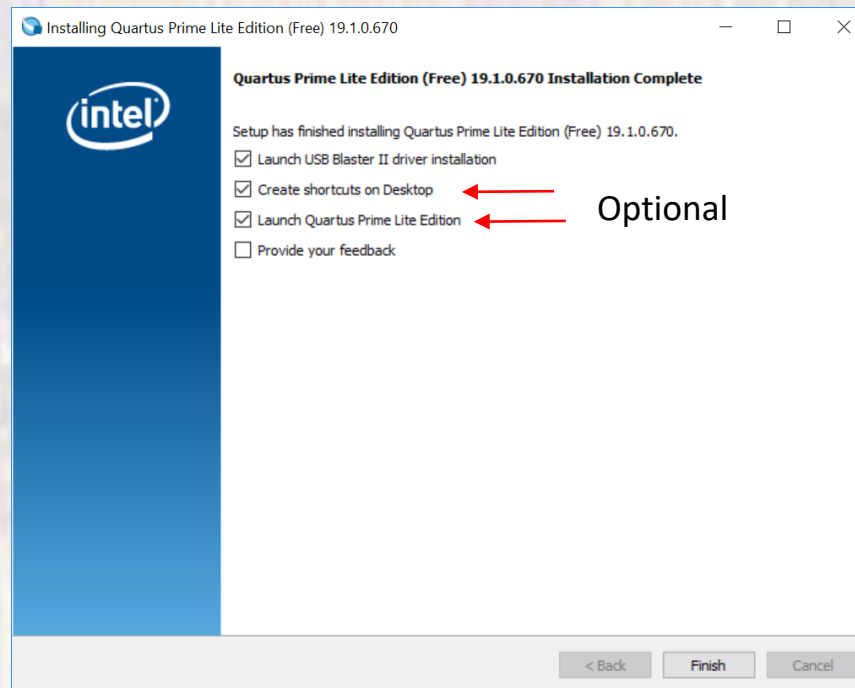   - Make the following selections

Quartus Prime Setup

- Quartus Prime – Setup
  - Setup Wizard
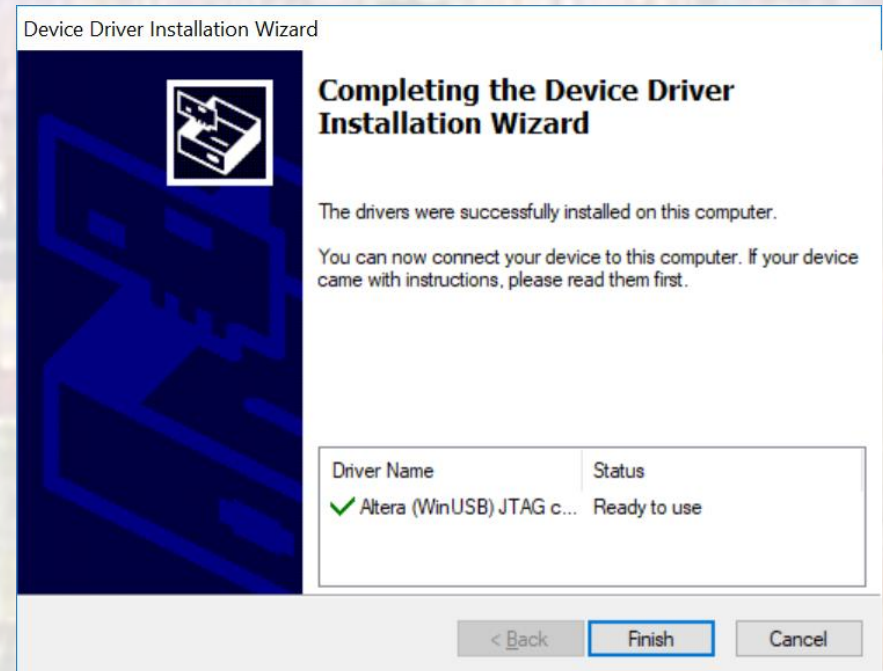   - This may take a while so be patient
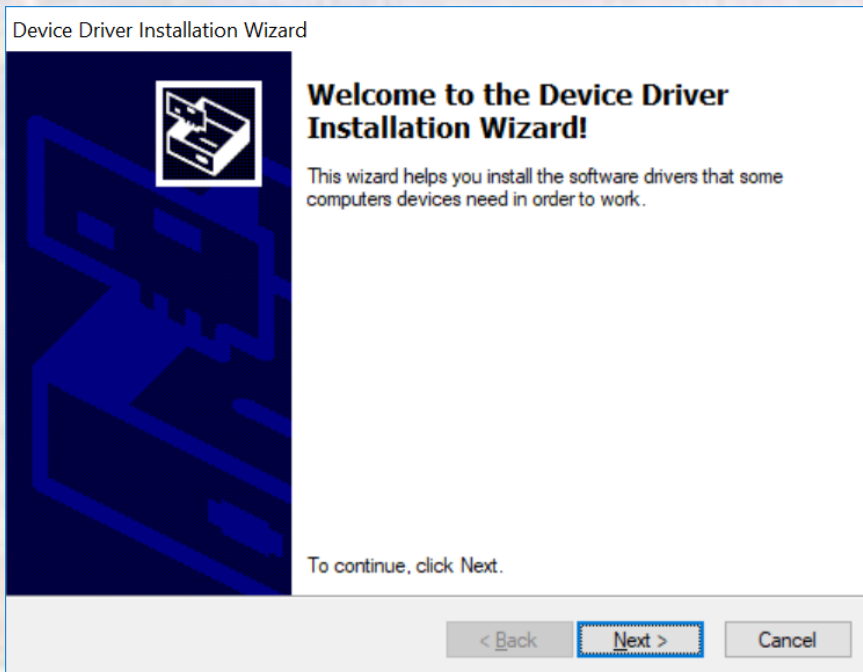
Quartus Prime Setup

- Quartus Prime – Setup
  - Setup Wizard
    - Launch the USB Blaster II driver installation
    - Create a desktop shortcut if you wish
    - Check the "Provide Feedback" box if you wish
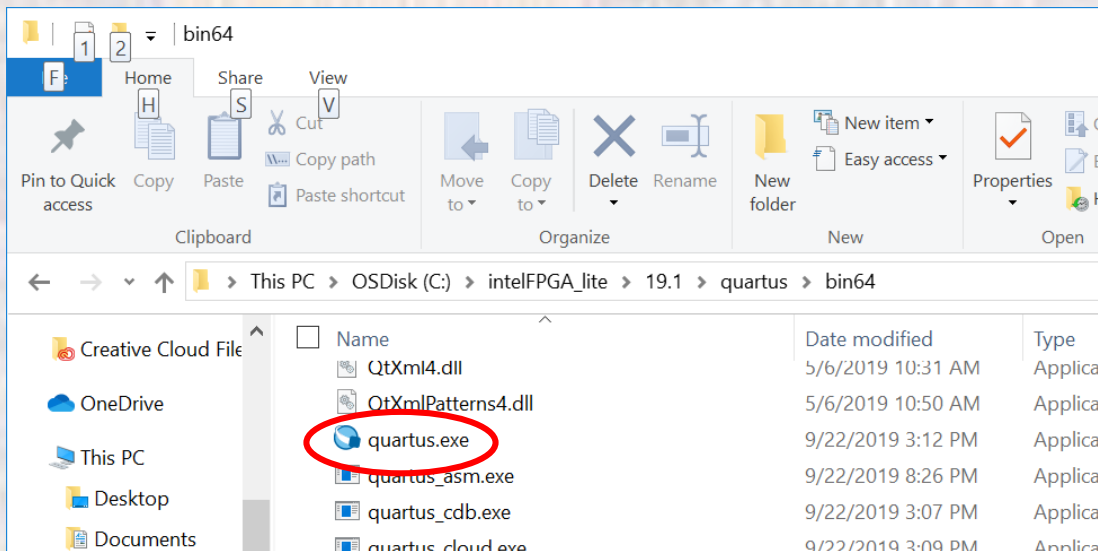
Quartus Prime Setup

- Quartus Prime – Setup
  - Setup Wizard
   - USB Blaster II driver installation

Quartus Prime Setup

- Quartus Prime – Startup
  - Start Quartus
    - Use your desktop app
      or
    - Traverse to *install_dir*/intelFPGA_lite/xx.x/quartus/bin64 (assuming your machine is 64 bit)
      - Where xx.x corresponds to your version
      - Select the quartus application file

Quartus Prime Setup

- Quartus Prime – Startup
  - Start Quartus
    - You should now see the following window
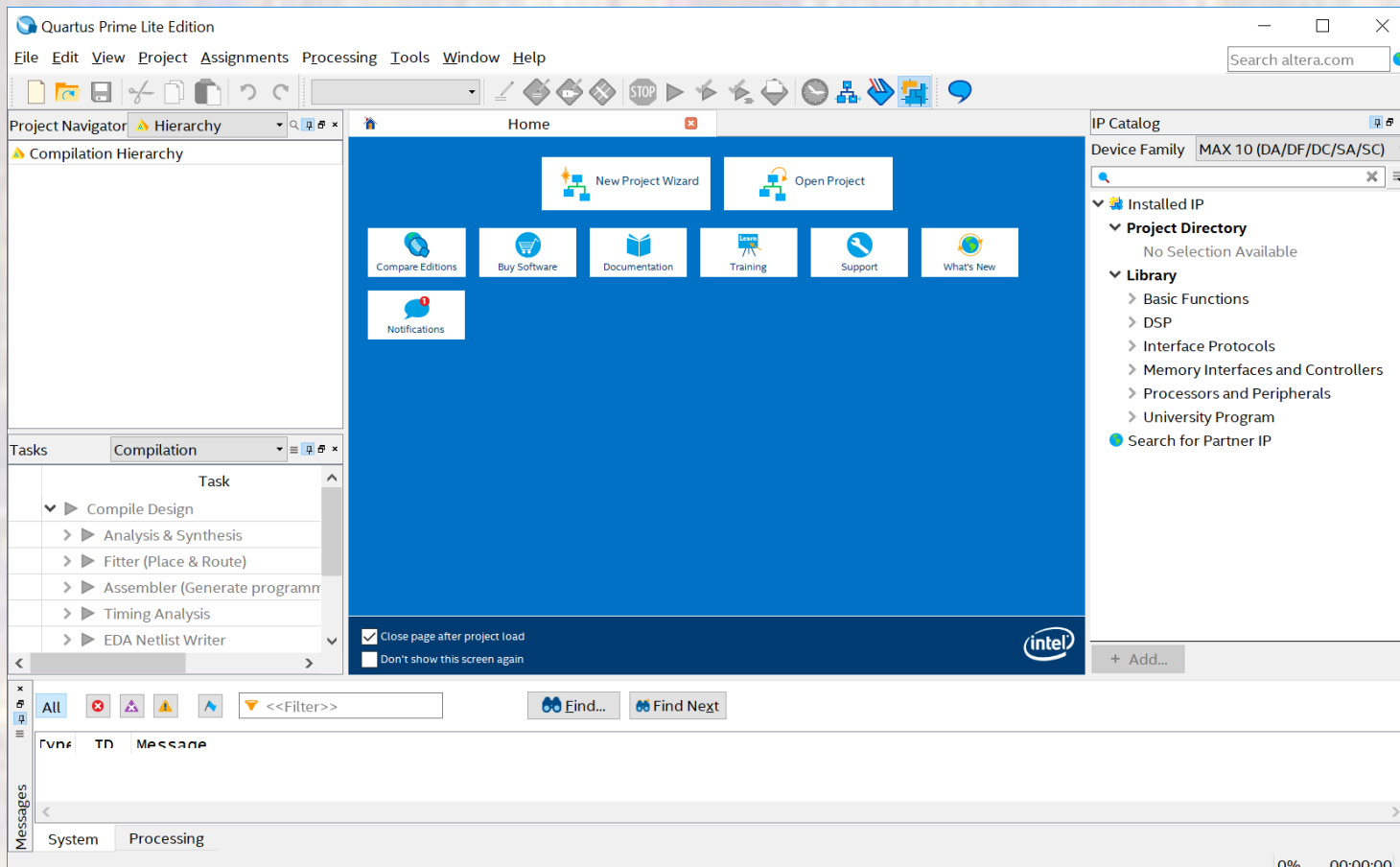
Quartus Prime Setup

- Quartus Prime – Startup

Congratulations !!!!