Quartus Prime Setup

Version 25.1

Last updated 7/1/26

Quartus Prime Setup

- Quartus Prime
  - Set of tools developed by Altera/Intel to support development of Altera/Intel FPGAs
  - Lite – version
    - Reduced functionality
    - FREE !
  - 25.1
    - Last Windows version that has support for NIOS-V and the University IP fully integrated

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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

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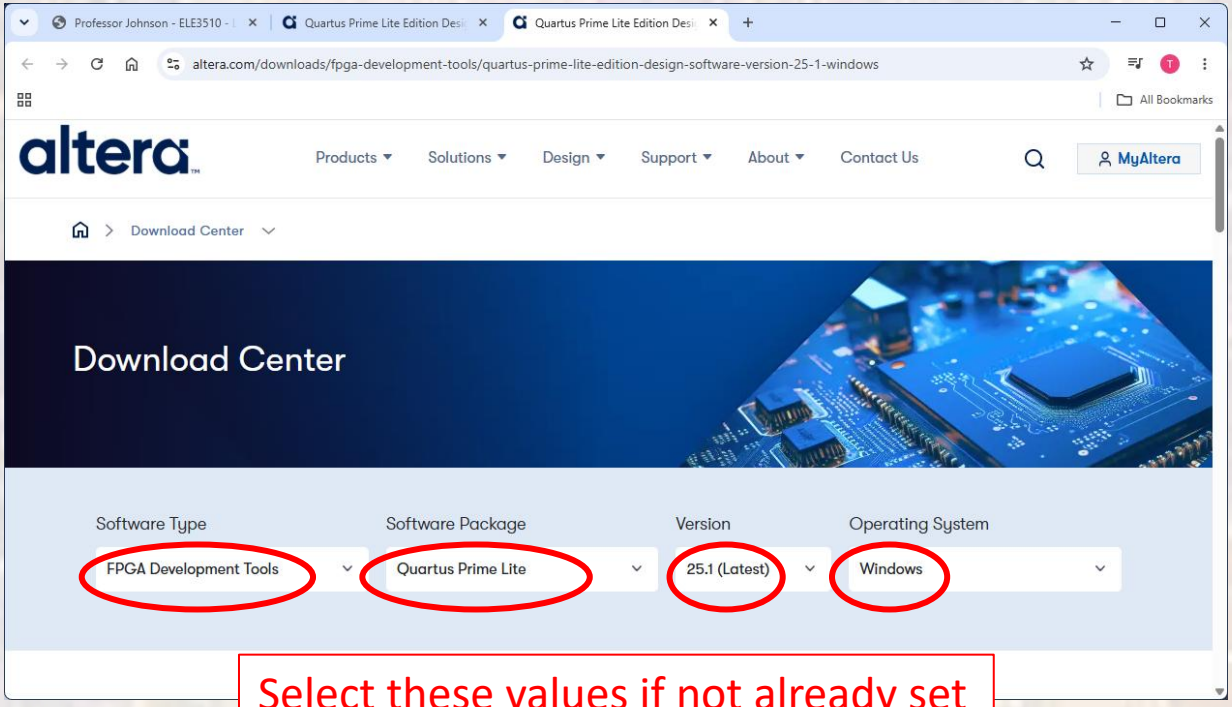
Quartus Prime Setup

- Quartus Prime – Setup
  - The following slides walk through the process of setting up the Quartus Prime software
  - Please note – this process takes quite a while (>2 hours) depending on your internet connection.

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Quartus Prime Setup

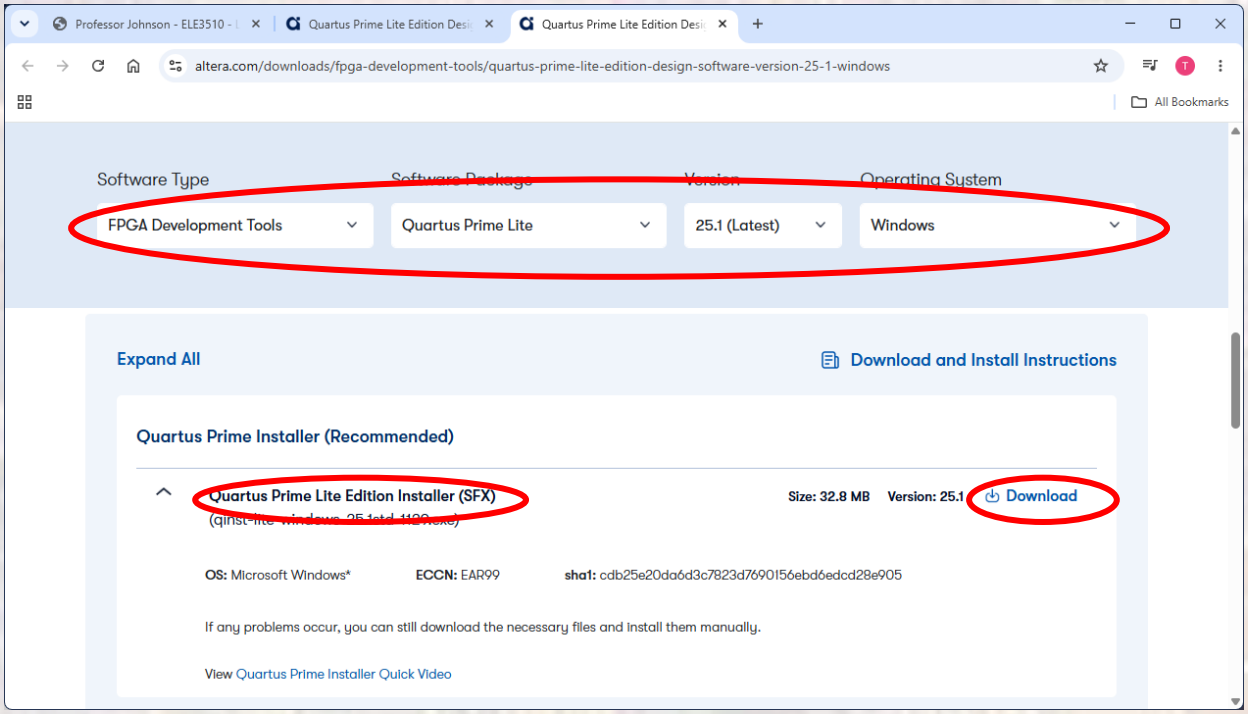
- Quartus Prime – Setup
  - Browse to the Altera Software Support site
  - https://www.altera.com/downloads/fpga-development-tools/quartus-prime-lite-edition-design-software-version-25-1-windows



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Quartus Prime Setup

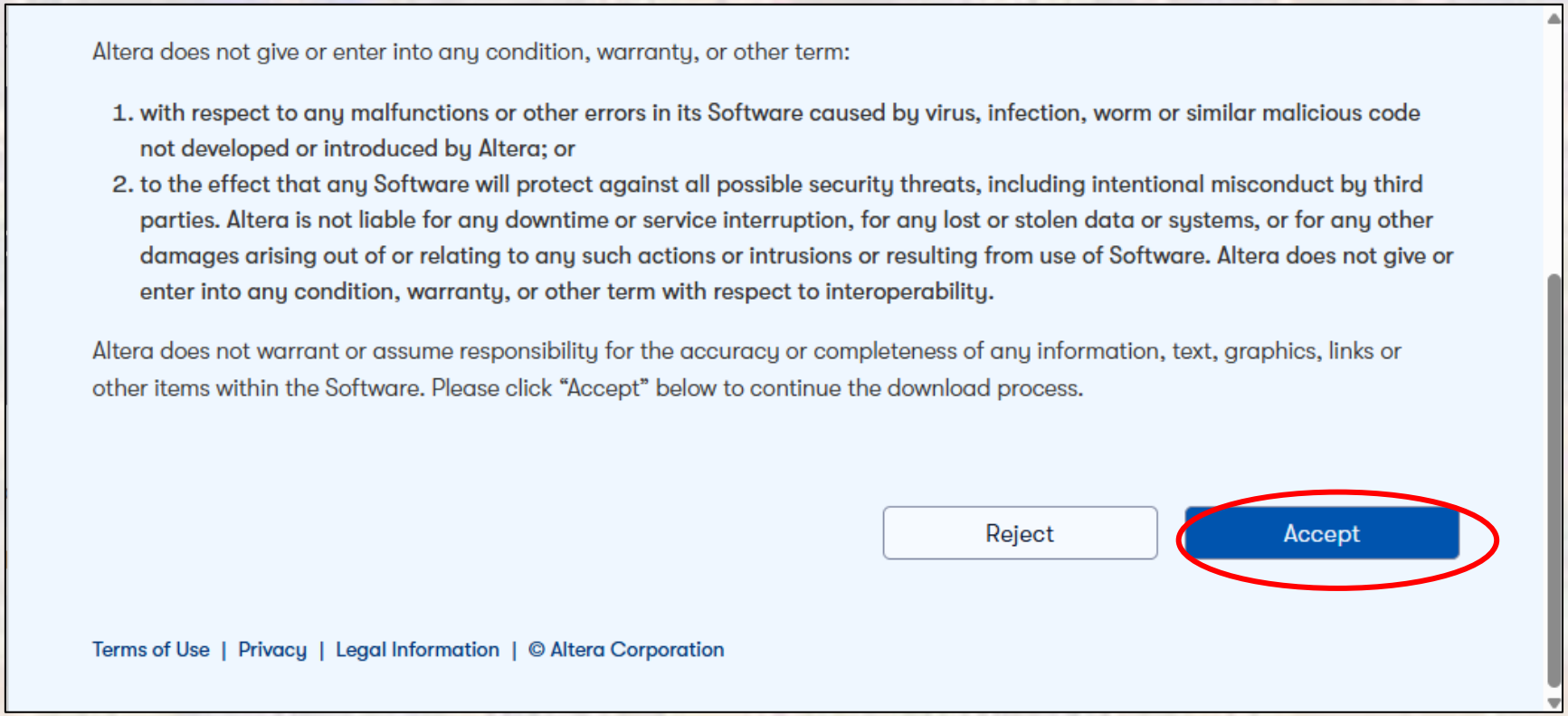
- Quartus Prime – Setup
  - Scroll down
  - Select Download for the Quartus Prime Lite Edition Installer



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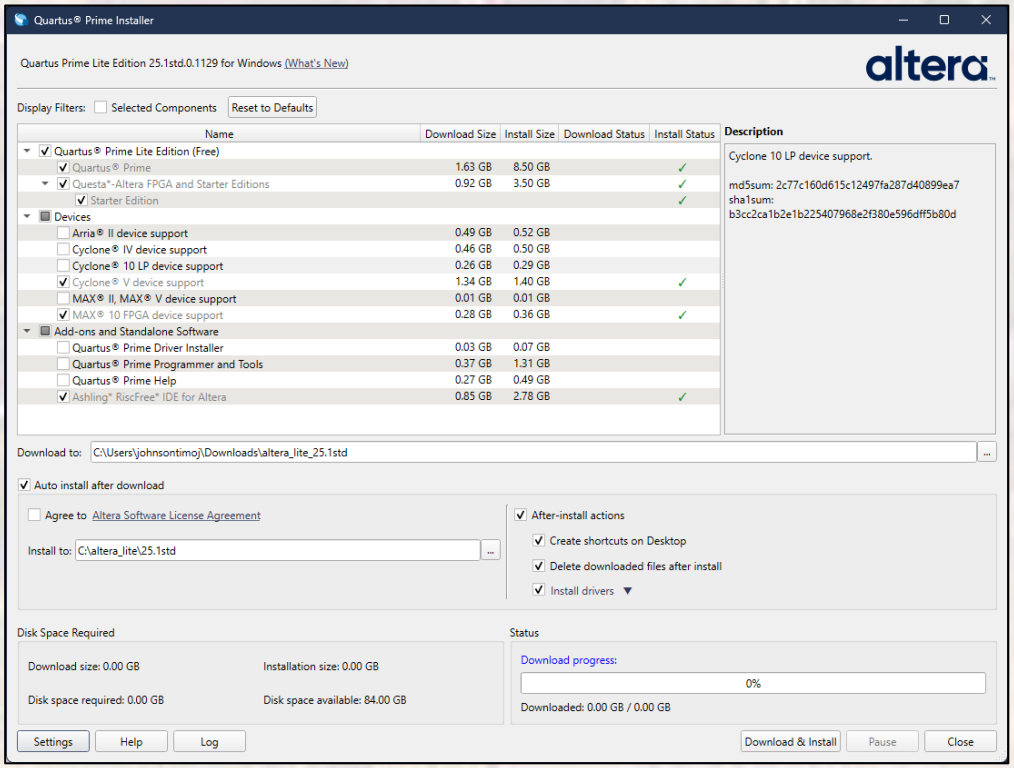
Quartus Prime Setup

- Quartus Prime – Setup
  - Accept the license



Quartus Prime Setup

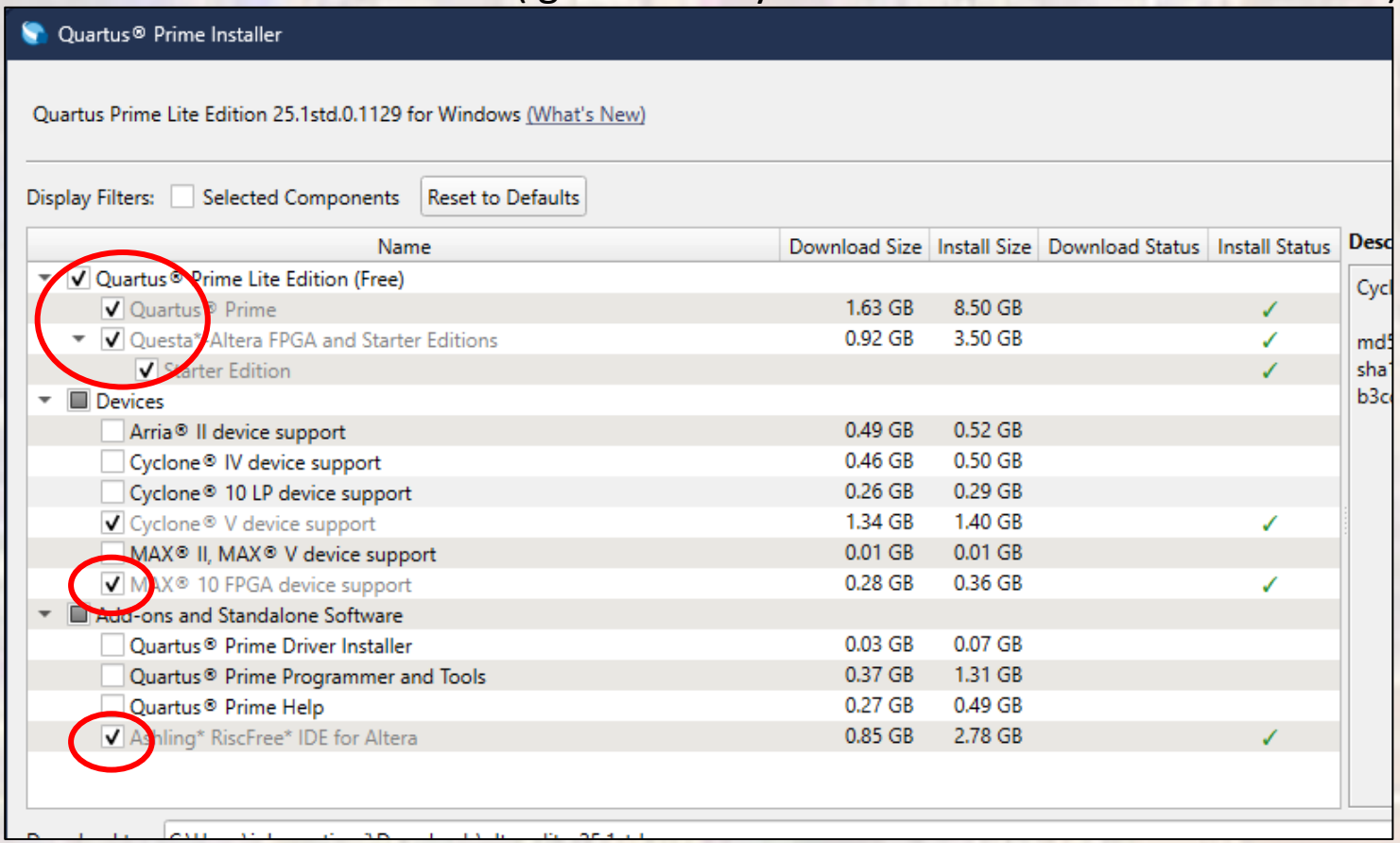
- Quartus Prime – Setup
  - Wait for the download to complete
  - Go to your Downloads folder
  - Dbl-Click on the qinst-lite-windows-25.1std-1129.exe file



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Quartus Prime Setup

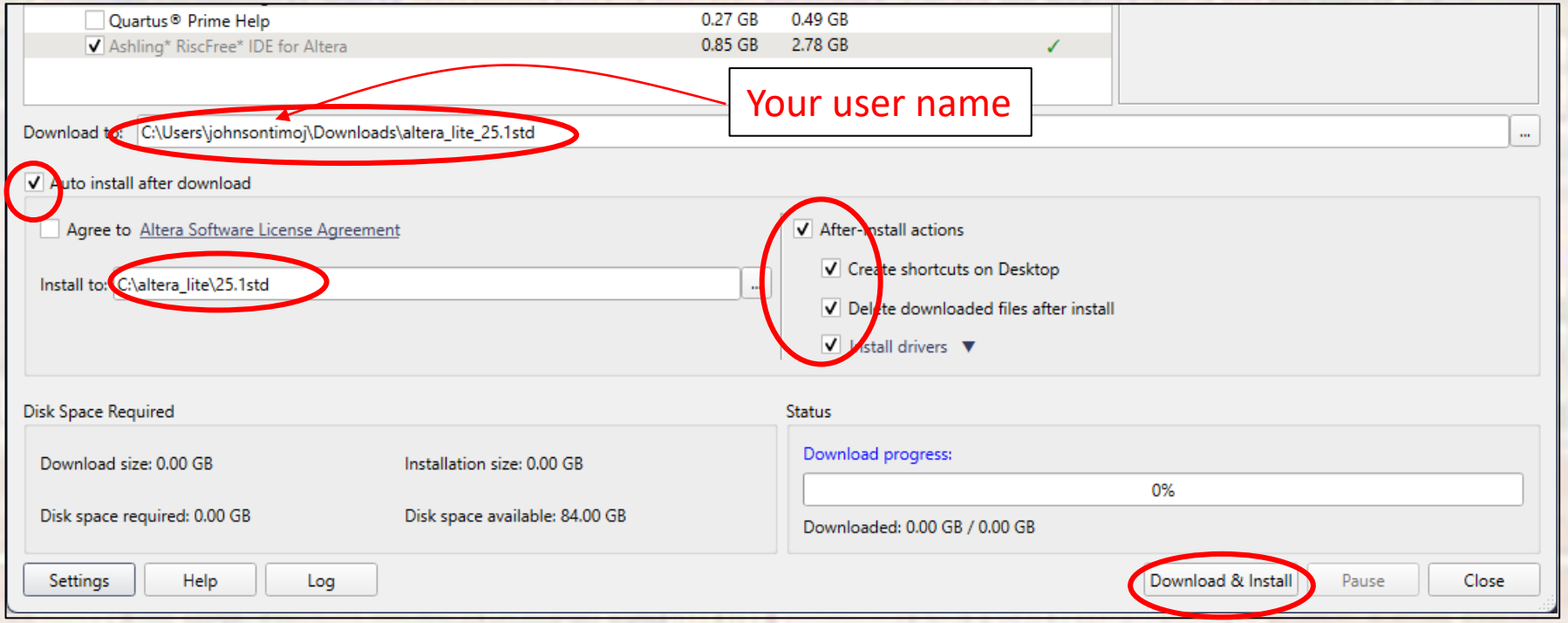
- Quartus Prime – Setup
  - Select the identified blocks
    - 6 boxes checked (ignore the Cyclone V block that I have selected)



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Quartus Prime Setup

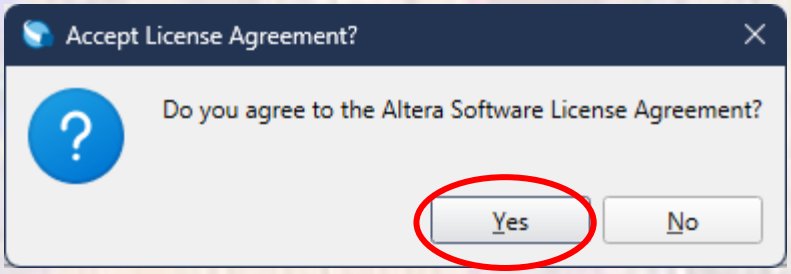
- Quartus Prime – Setup
  - Select the identified blocks
  - Verify the file locations
    - Most of these are the default selections
  - Select Download & Install

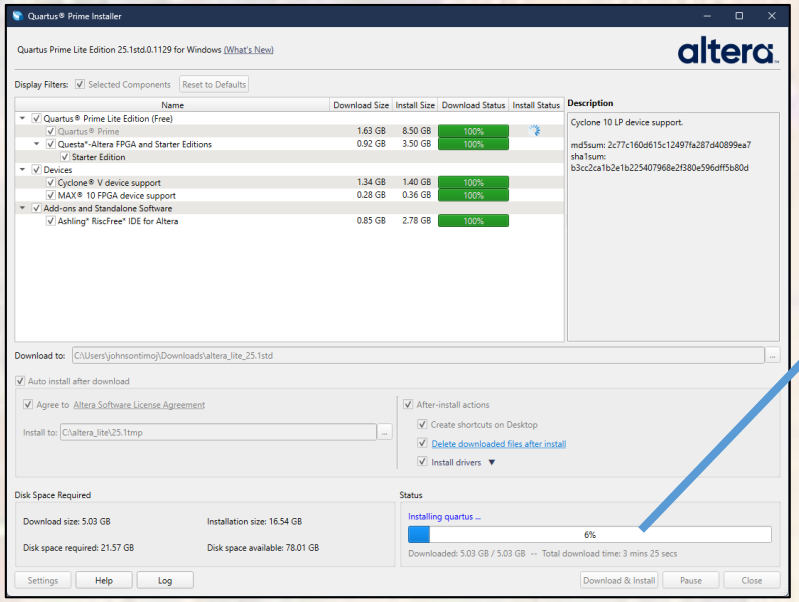


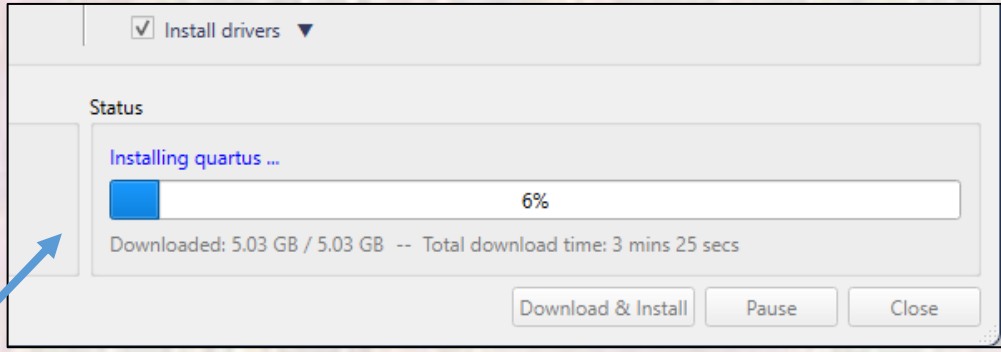
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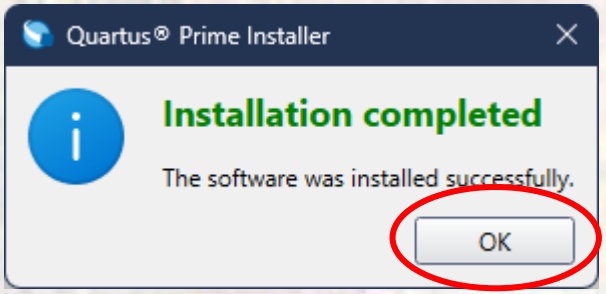
Quartus Prime Setup

- Quartus Prime – Setup
  - Yes to the License









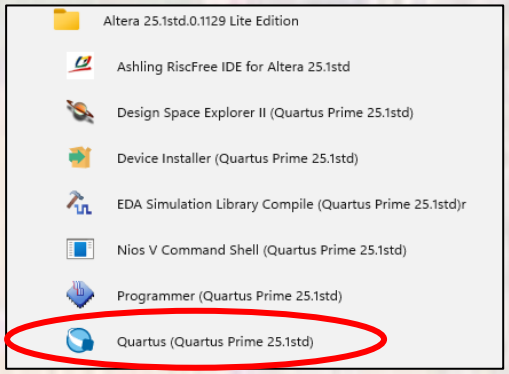
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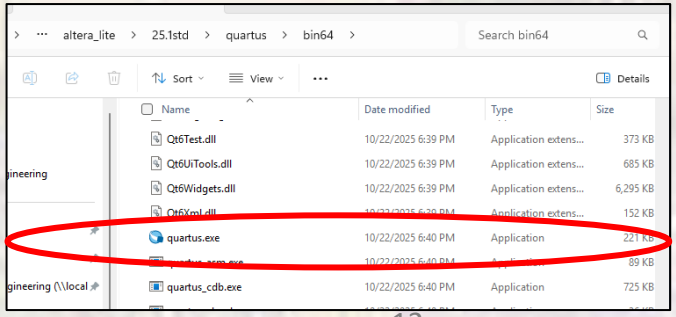
- Quartus Prime – Startup
  - 3 ways to start Quartus
    1. Dbl click in the desktop icon



    2. Select Start → all → Altera 25.1std.0.1129 Lite Edition → Quartus



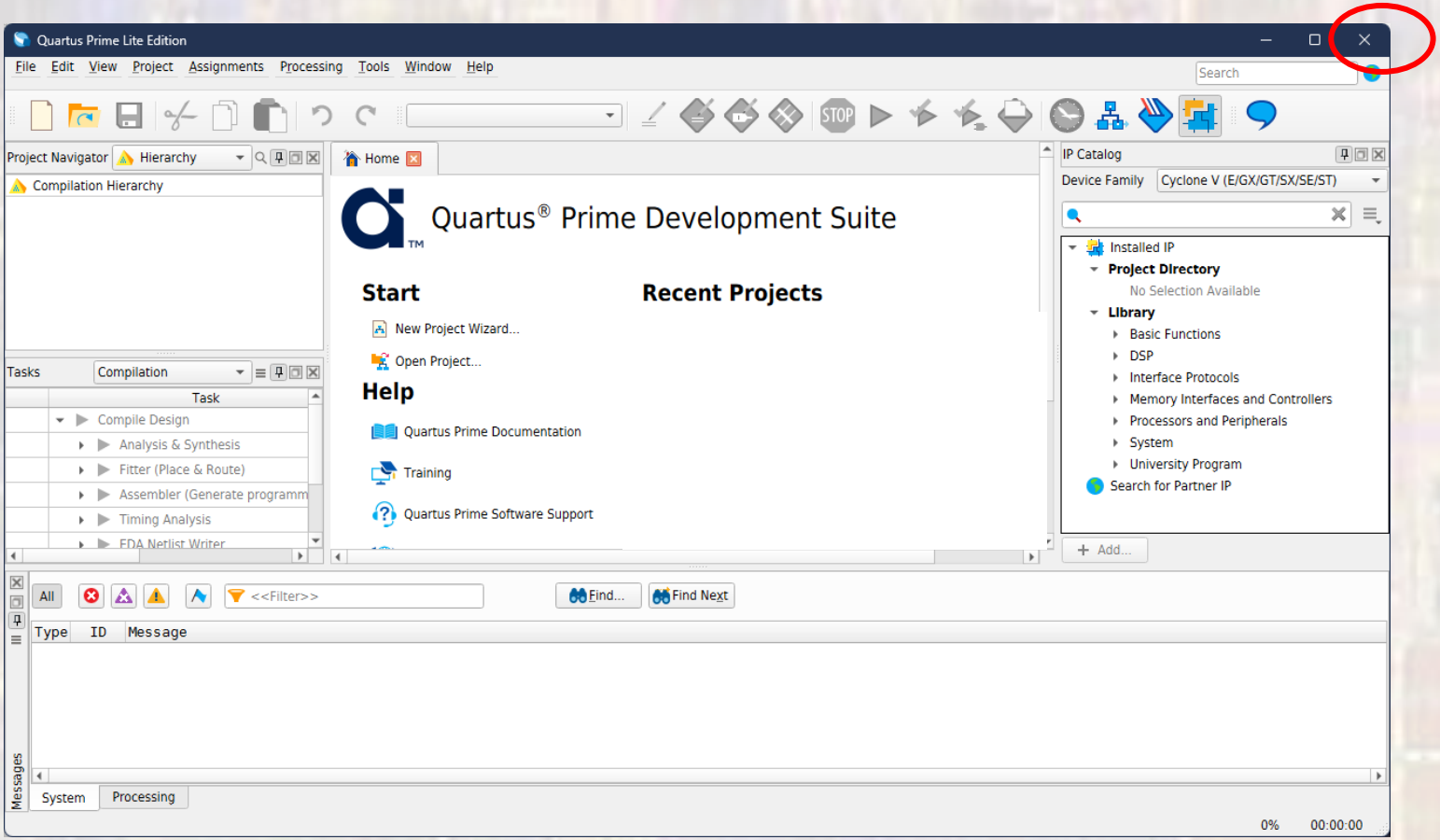
    3. Traverse to *C:\altera_lite\25.1std\quartus\bin64*
       - Select the quartus.exe application file



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Quartus Prime Setup

- Quartus Prime – Startup
  - You should see something like this
  - Quit the program



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Quartus Prime Setup

Congratulations !!!!

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