WHAT IS NEEDED TO WORK

Quartus Prime

* Download software from <https://fpgasoftware.intel.com/?edition=standard>

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| 1. | Download Quartus Prime software, and any other software products you want to install, into a temporary directory. |
| 2. | Download device support files into the same directory as the Quartus Prime software installation file. |
| 3. | If you want to use add-on software, download the files from the **Additional Software** tab. Save the files to the same temporary directory as the Quartus Prime software installation file. |
| 4. | Run the **QuartusSetup-21.1.0.169-windows.exe** file. |
| All software and components downloaded into the same temporary directory are automatically installed; however, stand-alone software must be installed separately. | |
| \*\* | Download file size is independent of installation size. You must have space for both download files and software installation. Download files may be deleted after the installation completes. |

* + **Quartus Prime (includes Nios II EDS) [QuartusSetup-21.1.0.842-windows.exe]**
  + **Stratix IV device support (chose support device) [stratixiv-21.1.0.842.qdz]**
  + **Questa - Intel FPGA Edition(includes Starter Edition) (new name for Modelsim – now require license, there is also a free license)**
* **Install the software**
  + **Lunch the installer (if the device file \*.qdz is in the same folder is automatically selected)**
  + **Install in a folder near the root C:\mynameFPGA [there should be less problem when programming avoiding long path and special characters]**
  + **Allow the installation of the USB driver Altera**
* **LICENSE (how to manage the license)**

ModelSim

In VSC, put the ctags under admin folder so that antivirus don’t block it (ctags.exe)