Simulink Support Packages Installation Guide

1. Purpose

The purpose of this guide is to provide a *step-by-step* procedure to install the two Simulink Support Packages:

   a.   Simulink Support Package for Arduino
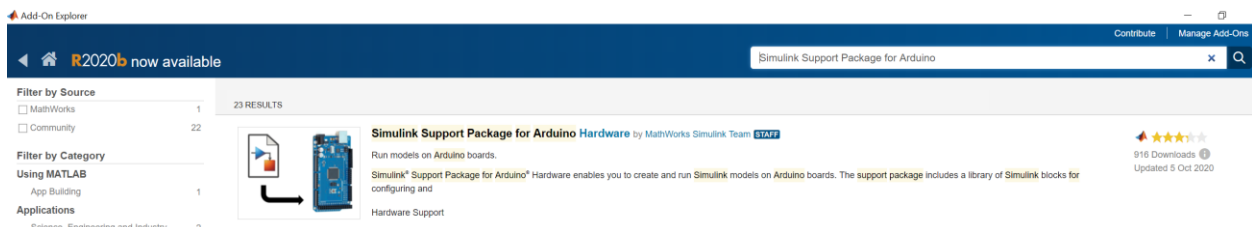   b.   Rensselaer Arduino Support Package Library (RASPLib)

These packages will be used in the PROCTECH 3CT3 labs to enable you to create and run Simulink models on Arduino boards.

2. Installing Simulink Support Package for Arduino
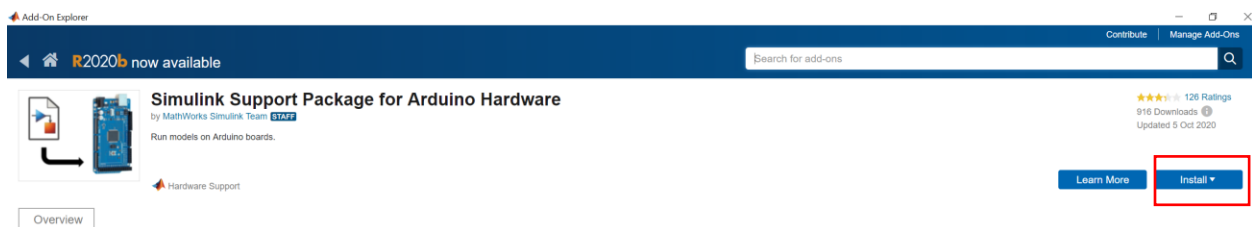
   1.   Launch MATLAB
   2.   Click the Add-Ons icon from the toolstrip.
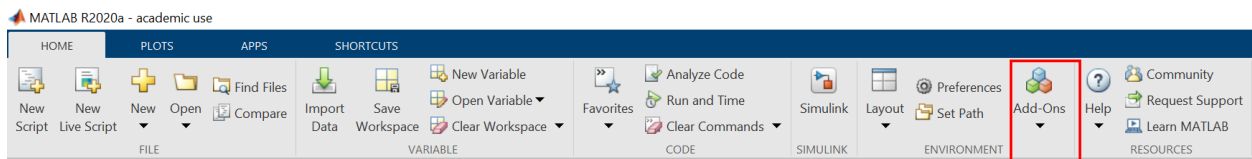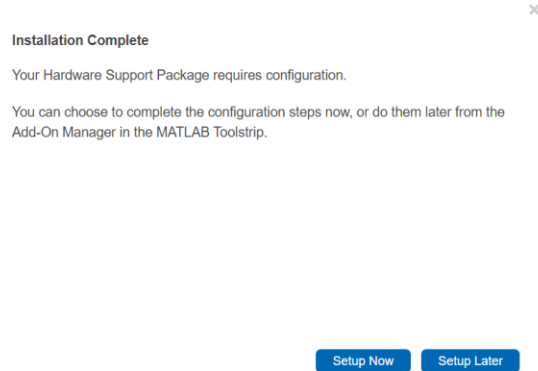

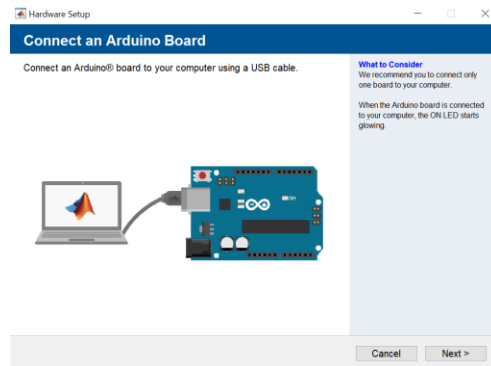   3.   Search for the **Simulink Support Package for Arduino**.

   4.   Click on the support package link
   5.   Click install, next, and accept.

6. After completing the installation, click **Setup Now**.

Installation Complete

Your Hardware Support Package requires configuration.

You can choose to complete the configuration steps now, or do them later from the Add-On Manager in the MATLAB Toolstrip.

Setup Now   Setup Later

7. When prompted, **connect** your Arduino to the USB of your computer and press **Next**.

8. Select Arduino Mega 2560 and the correct com port.
9. Choose to verify your setup and click Next.
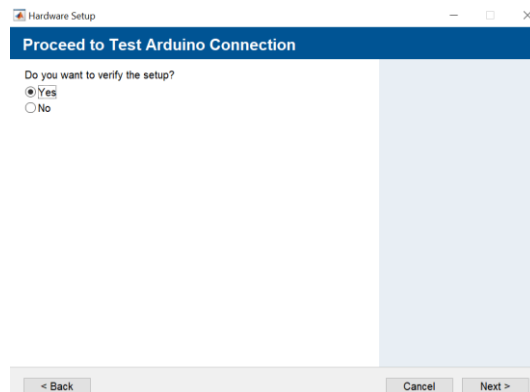
10. Press on the Test connection Button.

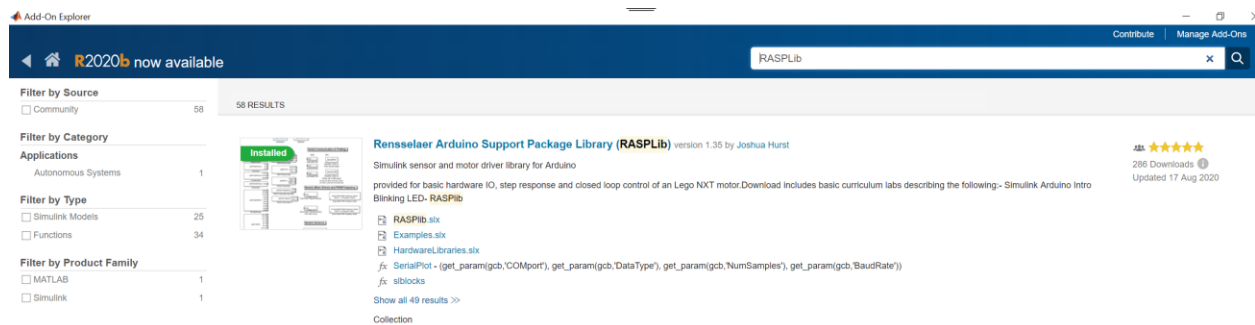11. Wait until both Build Successful and Download Successful are shown in green

12. Click **Finish**

3. Rensselaer Arduino Support Package Library (RASPLib)

1. Launch MATLAB
2. Click the Add-Ons icon from the toolstrip.
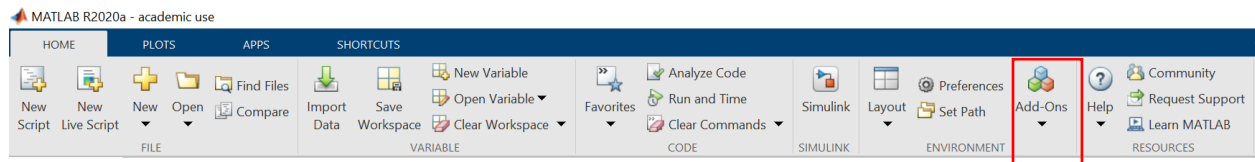
3. Search for the **RASPLib**.

4. Click on the support package link and follow the installation instructions.