

# Software Setup Instructions

There is a lot to cover in this workshop so we would like to start on time and move quickly. It is important that you read through the instructions and install the software prior to arriving at the workshop. Downloading and installing will take some time, so please complete this early (i.e. don't try to install this in the 15 minutes before you leave for the workshop -- you won't have time).

If you encounter problems, come to the Dorkbot meeting before the workshop, or contact me via email. I can provide some assistance before the workshop, but there will be limited time so don't count on waiting.

I will also bring some flash drives with the software to next Dorkbot meeting, and the workshop...

## Notes:

- After installing each of these, start the program installed and make sure it runs.
- If you're using a Mac with Bootcamp, or a virtual machine running Windows, all of these have to be installed under Windows, not OS X.

## Instructions:

1. You will need a free Cypress.com account to download the following software. If you don't already have one, create one at:

<https://secure.cypress.com/myaccount/>

(We will also show you how to request sample devices using your login.)

2. Install the latest Cypress PSoC Programmer software :

<http://www.cypress.com/file/186076>

3. Install Cypress PSoC Creator 3.2

<http://www.cypress.com/go/creator/download>

4. Install USB-Serial Software Development Kit (Install the SDK, not just the drivers)

<http://www.cypress.com/?rID=83110>

5. Install CY8CKIT-049 Example Files (CY8CKIT-049 is the PSoC 4 kit we'll be using)

<http://www.cypress.com/?docID=51317&dIm=1>

6. If you'd like to try the optional CY8CKIT-059 (PSoC5LP kit)

<http://www.cypress.com/file/139896>