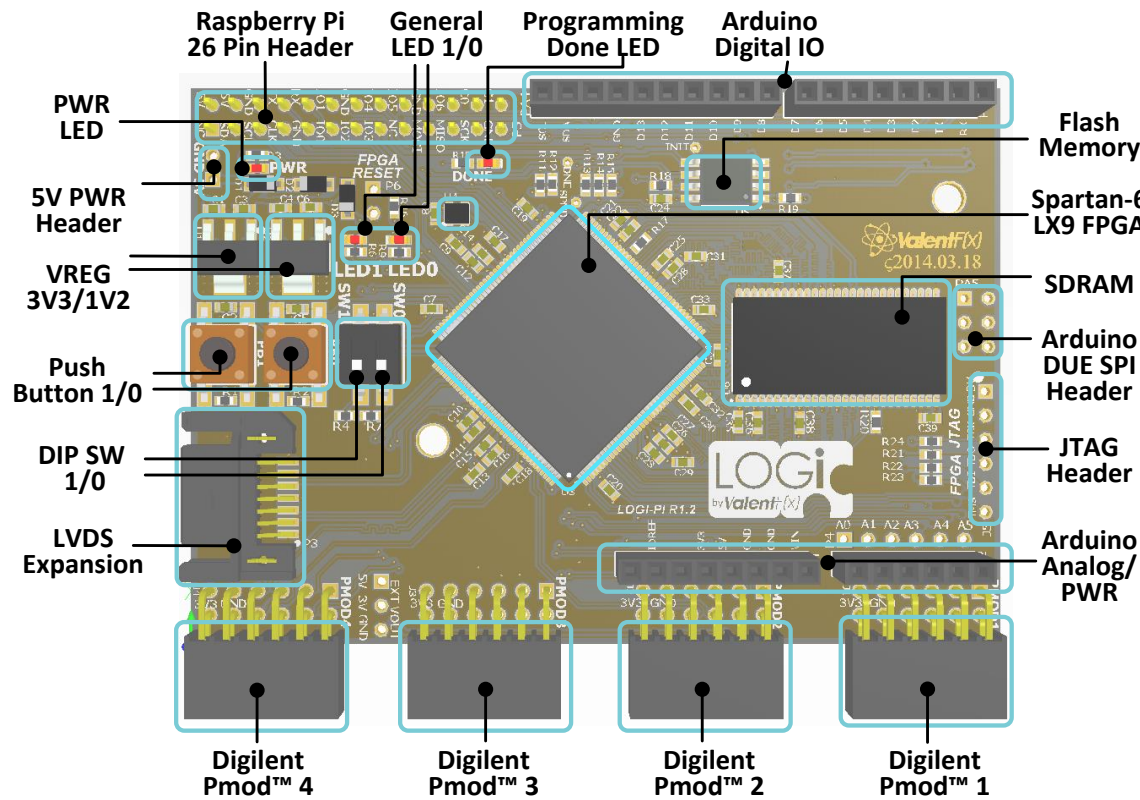
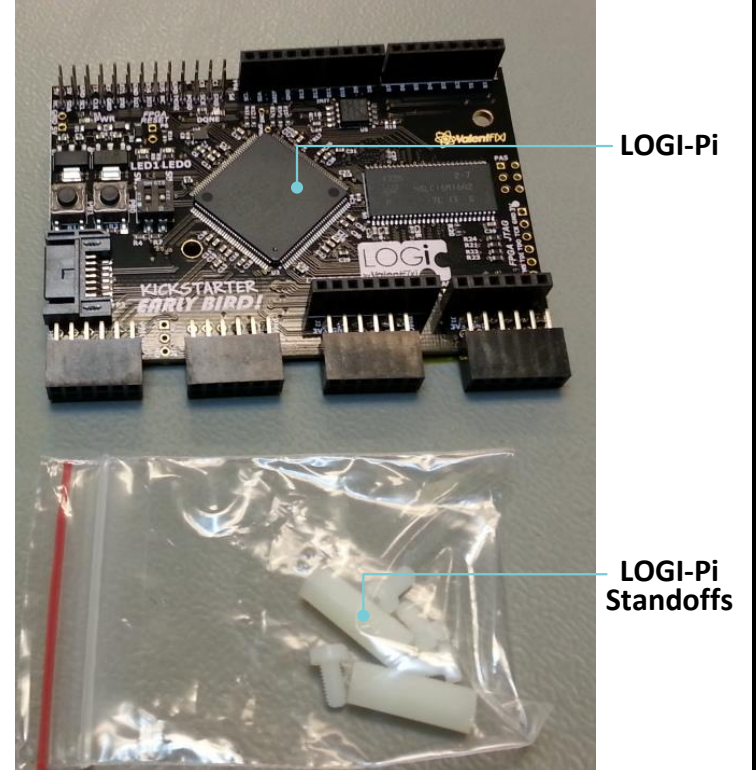


This Quick Start Guide introduces only the most basic steps for getting started with the LOGI Pi FPGA with the Raspberry Pi. For a more detailed LOGI Pi Quick Start Guide and additional resources visit: www.element14.com/LOGI

LOGI Pi Functionality

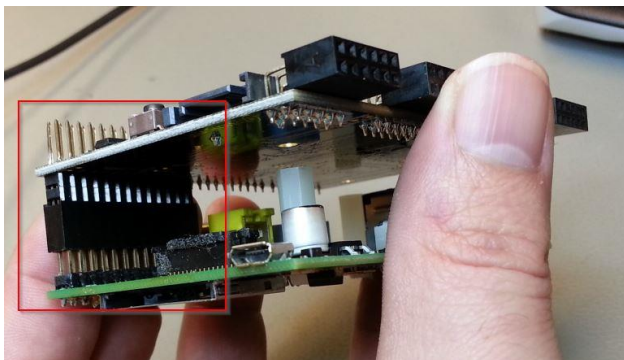


Kit Contents

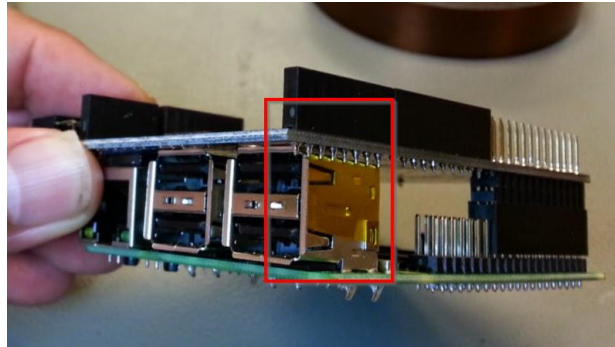


Overview of System Setup

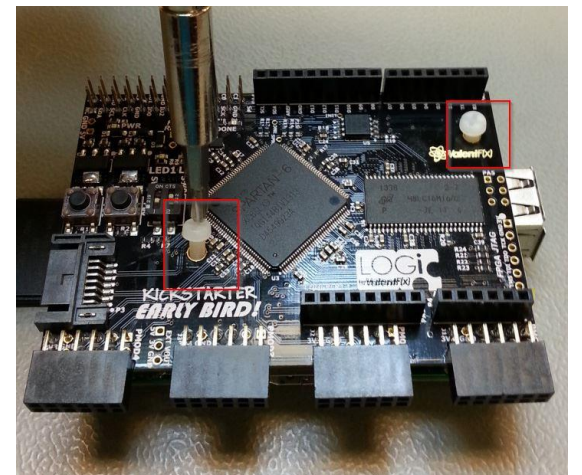
1. All models. Install standoffs onto Raspberry Pi (stand-offs are only fitted for model A/B) and Plug the LOGI Pi into the 26 Pin Header of Raspberry Pi.



2. Model B+ version only. The B+ will require that a small piece of insulation tape be installed on the top corner for the far USB connector shield and the arduino connector as shown in the image below.



3. Model A/B only. Finish mounting the LOGI Pi to the Raspberry Pi by screwing in the mounting screws through the LOGI Pi into the standoffs.



4. Write the LOGI-Image with pre-configured LOGI tools installed onto an SD Card based on the Raspbian Linux. Download and write to a 4GB (minimum) SD Card.*
5. Boot the Raspberry Pi with an attached HDMI LCD display, keyboard, and mouse.
6. Or use an SSH terminal to create a remote terminal session with the Raspberry Pi.*
7. Run the LOGI-Apps from the command line by navigating to the blink LED demo located in the LOGI-Apps directory: `cd ~/logi-apps/blink_led`
8. Run the blink LED demo: `sudo ./make_demo.sh`

*More details for these steps can be found in the detailed Quick Start Guide and User Manual at www.element14.com/LOGI

LOGI Pi Resources

- Detailed Quick Start Guide
- User Manual
- Schematics
- Source Code and Driver Repositories
- Full projects including Machine Vision, Robotic Control and more.

www.element14.com/LOGI

FCC NOTICE: This kit is designed to allow:

(1) Product developers to evaluate electronic components, circuitry, or software associated with the kit to determine whether to incorporate such items in a finished product, and

(2) Software developers to write software applications for use with the end product. This kit is not a finished product and when assembled may not be resold or otherwise marketed unless all required FCC equipment authorizations are first obtained. Operation is subject to the condition that this product not cause harmful interference to licensed radio stations and that this product accept harmful interference. Unless the assembled kit is designed to operate under part 15, part 18, or part 95 of this chapter, the operator of the kit must operate under the authority of an FCC license holder or must secure an experimental authorization under part 5 of this chapter.

European Union NOTICE:

This is a custom built evaluation kit designed for professionals to be used solely at research and development facilities for such purposes.

***PLEASE REFER TO THE USER MANUAL FOR ESD PRECAUTIONS AND PROPER HANDLING PROCEDURES**

element14 is a trademark of Premier Farnell plc ©2014 Premier Farnell plc. All Rights Reserved.

ValentFX and the ValentFX logo are trademarks of ValentFX LLC.