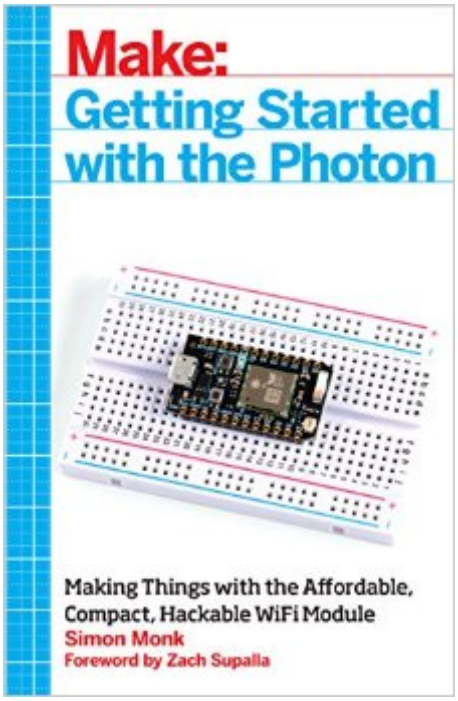
Getting Started With The Photon: Making Things With The Affordable, Compact, Hackable WiFi Module



Synopsis

The Photon is an open source, inexpensive, programmable, WiFi-enabled module for building connected projects and prototypes. Powered by an ARM Cortex-M3 microcontroller and a Broadcom WiFi chip, the Photon is just as happy plugged into a hobbyist's breadboard as it is into a product rolling off of an assembly line. While the Photon--and its accompanying cloud platform--is designed as a ready-to-go foundation for product developers and manufacturers, it's great for Maker projects, as you'll see in this book. You'll learn how to get started with the free development tools, deploy your sketches over WiFi, and build electronic projects that take advantage of the Photon's processing power, cloud platform, and input/output pins. What's more, the Photon is backward-compatible with its predecessor, the Spark Core.

Book Information

Paperback: 204 pages
Publisher: Maker Media, Inc; 1 edition (May 28, 2015)
Language: English
ISBN-10: 1457187019
ISBN-13: 978-1457187018
Product Dimensions: 5.5 x 0.4 x 8.5 inches
Shipping Weight: 9.6 ounces (View shipping rates and policies)
Average Customer Review: 4.4 out of 5 starsÂ Â See all reviewsÂ (11 customer reviews)
Best Sellers Rank: #374,341 in Books (See Top 100 in Books) #37 inÂ Books > Computers & Technology > Networking & Cloud Computing > Wireless Networks #40 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Sensors #228 inÂ Books > Computers & Technology > Programming > Languages & Tools > C & C++ > C++

Customer Reviews

I had a project in mind when I bought a Photon, but I didn't know how to make it all work. The information in this book was exactly what I needed to get my project running. The examples were easy to follow, and I was able to reuse a lot of the code. Overall, I was very pleased with the book, and I'd recommend it to other people looking for a good guide to working with the Photon.

First of all I love Simon Monks books, he is one of the best maker authors out there. However this book is not one of its better efforts. There is a lot of fluff and filler in this short book. There are sections covering basic wiring/C programming conventions like variables, and conditional

statements and how to use a breadboard. There are some useful examples but out of the 20 examples 10 are super basic an some are pretty much available in the cloud build IDE environment that you use with the Photon. If you arn't tied to the Photon I would really look into the ESP8266 12-E it has all the functionality, a open environment, and many more available library. I'm not sure why anyone would use a Photon over that device and I have both.

With never using a Photon before, this book was very helpful. I feel like some of the projects in the book were not very practical and needed a lot of extra parts. Fortunately for me I bought it with a specific interest, the "Spark.publish" function. I learned what I needed to and didn't do any of the projects.

Great book with very good examples. I would recommend this book to others.

Excellent! Allot of fun working with Particle Photon. I am mostly interested in redirecting my logging, and sending control messages from and to Bluemix. In this way, I can take advantage of the amazing middleware functionality in the IBM platform.Thomas

I found this book to be hopelessly out of date and not very helpful when it came to explaining the PC side of things. I found online tutorials that were more accurate, up to date, and easy to follow. This described the big picture well, but the examples left me stuck and I've been using Arduinos for a long time.

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