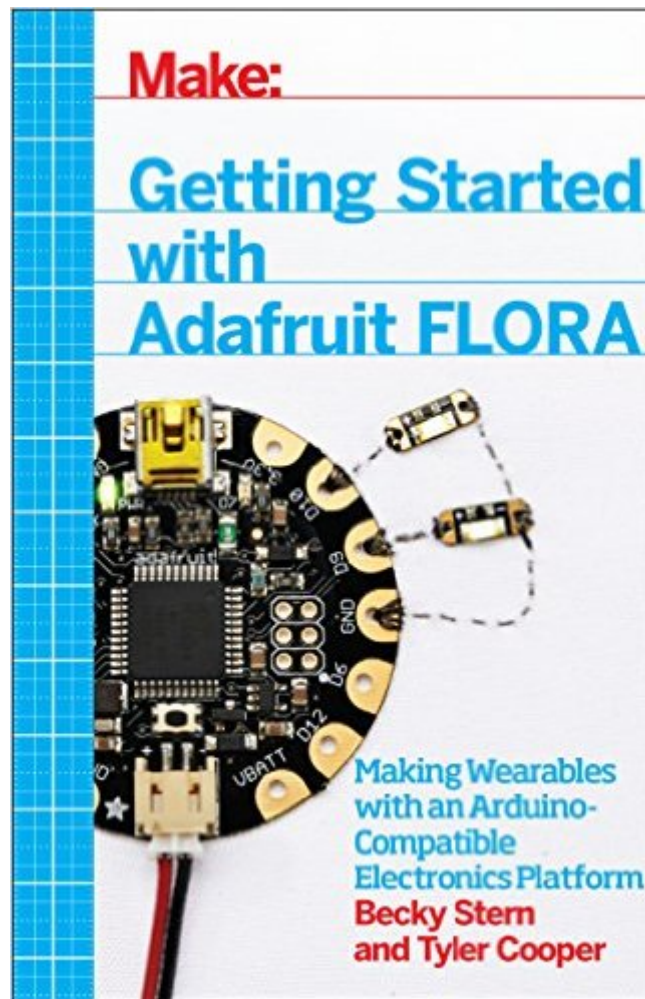


The book was found

# Getting Started With Adafruit FLORA: Making Wearables With An Arduino-Compatible Electronics Platform



## Synopsis

This book introduces readers to building wearable electronics projects using Adafruit's tiny FLORA board: at 4.4 grams, and only 1.75 inches in diameter, and featuring Arduino compatibility, it's the most beginner-friendly way to create wearable projects. This book shows you how to plan your wearable circuits, sew with electronics, and write programs that run on the FLORA to control the electronics. The FLORA family includes an assortment of sensors, as well as RGB LEDs that let you add lighting to your wearable projects.

## Book Information

Age Range: 8 and up

Paperback: 112 pages

Publisher: Maker Media, Inc; 1 edition (February 22, 2015)

Language: English

ISBN-10: 1457183226

ISBN-13: 978-1457183225

Product Dimensions: 5.5 x 0.2 x 8.5 inches

Shipping Weight: 8.5 ounces (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 starsÂ Â See all reviewsÂ (9 customer reviews)

Best Sellers Rank: #421,173 in Books (See Top 100 in Books) #29 inÂ Books > Crafts, Hobbies & Home > Crafts & Hobbies > Puppets & Puppetry #48 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Sensors #92 inÂ Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Beadwork, Fashion & Jewelry

## Customer Reviews

Three questions for co-author Becky Stern Who is your book written for? Getting Started with Adafruit FLORA is for the novice maker who wants to get started modding up garments and accessories for wearing on the body. If you get more inspiration from GPS navigation and dance moves than you do from circuits on your desk, you might try stitching up your own motion-activated light-up prom dress or creating your own GPS wristwatch. This book is great for teenagers, educators, and electronics hobbyists who are looking for a new challenge as well as crafters who want to start using electronics in their designs. What need does it fulfill for those readers? The book introduces key concepts in electronics and programming, describes how sensors work to capture information you can use in your own wearables projects, covers tools and techniques unique to wearable electronics, and tries to even the playing field between crafting and

circuit-making. It hopefully helps readers "level up" a step or two from their current skill levels by providing beginner, intermediate, and advanced project tutorials. What's the most exciting/important thing happening in your space? Wearable tech is exploding right now. There are so many devices and smart garments coming to market, it really is a fertile time for this field from fashion design to medical devices and everything in between. Building your own wearables can help you make better decisions about what tech you welcome onto your body by understanding the building blocks that make up today's wearable landscape. Here are some great tips for electrifying your look! Clear nail polish is great for keeping conductive thread knots securely tied, and also for making your soldered circuits weather-resistant. Conductive fabric can be hard on your blades. Sharp scissors lead to more precise, fun, and safe making. How long has it been since you had your scissors sharpened? You can make step sensors in your shoes by taping a piece of conductive thread to either side of a piece of pressure-sensitive Velsostat. Picking the right battery for your project can be easy if you know how! Add up the amperage draw of your components, then select a battery that matches or exceeds that capacity. The bigger the battery, the longer it will last. Affix a hair clip to a battery pack when making LED glasses, makeup, hair, and jewelry projects.

[Download to continue reading...](#)

Getting Started with Adafruit FLORA: Making Wearables with an Arduino-Compatible Electronics Platform Arduino: Getting Started With Arduino: The Ultimate Beginner's Guide (Arduino 101, Arduino sketches, Complete beginners guide, Programming, Raspberry Pi 2, xml, c++, Ruby, html, php, Robots) Arduino Home Automation Projects : Automate your Home using the powerful Arduino Platform (Community Experience Distilled) Getting the Most Out of Makerspaces to Explore Arduino & Electronics Getting Started Knitting Socks (Getting Started series) Getting Started in Chart Patterns (Getting Started In.....) Beginning C for Arduino, Second Edition: Learn C Programming for the Arduino Getting Started with littleBits: Prototyping and Inventing with Modular Electronics Make: Lego and Arduino Projects: Projects for extending MINDSTORMS NXT with open-source electronics Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics Arduino Project Handbook: 25 Practical Projects to Get You Started I Am Error: The Nintendo Family Computer / Entertainment System Platform (Platform Studies) Getting to Know Arduino (Code Power: A Teen Programmer's Guide) Getting to Know Arduino (Code Power: a Teen Programmer's Guide) Getting Started with p5.js: Making Interactive Graphics in JavaScript and Processing (Make) Making Things See: 3D vision with Kinect, Processing, Arduino, and MakerBot (Make: Books) Make: Paper Inventions: Machines that

Move, Drawings that Light Up, and Wearables and Structures You Can Cut, Fold, and Roll Beautiful  
Ribbon Crafts: Home Decor \* Wearables \* Gift Wraps \* Keepsakes \* & More Creative Dyeing for  
Fabric Arts with Markers & Alcohol Inks: Dye Scarves, Wearables, ATCs, Postcards, Quilts and  
Stitched Collages Fast, Fun & Easy Fabric Dyeing: Create Colorful Fabric for Quilts, Crafts &  
Wearables

[Dmca](#)