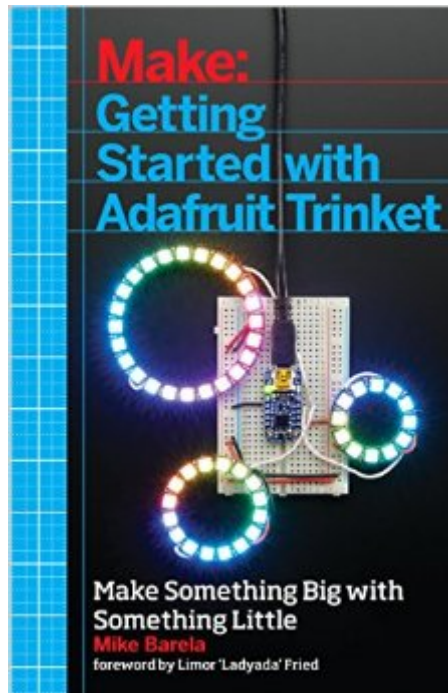


The book was found

Getting Started With Adafruit Trinket: 15 Projects With The Low-Cost AVR ATtiny85 Board



Synopsis

Arduino's ubiquity and simplicity has led to a gigantic surge in the use of microcontrollers to build programmable electronics project. Despite the low cost of Arduino, you're still committing about \$30 worth of hardware every time you build a project that has an Arduino inside. This is where Adafruit's Trinket comes in. Arduino-compatible, one-third the price, and low-power, the Trinket lets you make inexpensive and powerful programmable electronic projects. Written by one of the authors of Adafruit's Trinket documentation, *Getting Started with Trinket* gets you up and running quickly with this board, and gives you some great projects to inspire your own creations.

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View larger Three Questions for author Mike Barela Who is your book written for? The book was written for anyone looking to start expanding their knowledge of using programmable microcontrollers in places where a low-cost, small-size programmable capability is desired. This includes the fields of wearables, sensing, lights and display, and the Internet of Things. Those looking to gather information or to act on information can use the Adafruit Trinket microcontroller in small but powerful projects. What need does it fulfill for your readers? Most microcontrollers are large, expensive, power hungry, and complex. The Trinket is small, inexpensive, power efficient, and easy to use. *Getting Started with Adafruit Trinket* guides the reader through the steps of discovering Trinket and exploring its capabilities through 15 projects designed to highlight use and provide demonstration software. What's the most exciting thing happening in

microcontrollers? Trinket facilitates two of the fastest growing segments in hardware use today: wearables and Internet sensing. Wearable electronics have become a new frontier in computing innovation and information/human interaction. Trinket is small enough to be placed into wearable designs, providing interactive responses and complex light and sound. The Internet of Things is more than "smart" toasters. Trinket can read a wide variety of analog and digital sensors and provide that information locally or around the world. Also, many folks just want to add interactivity in fun, novel projects. Trinket is a natural for low-cost animation and display in these instances with new projects being demonstrated in social media. [More About Adafruit Trinket](#) Using Trinket is a low cost, low guilt method of implementing exciting projects. Interactive light use with smart multicolor LEDs is simple for Trinket. A Trinket project can be powered from rechargeable lithium-polymer batteries to untether it from the wall. If the project is a prototype for production, the Trinket's ATtiny85 can be incorporated into the final product.

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