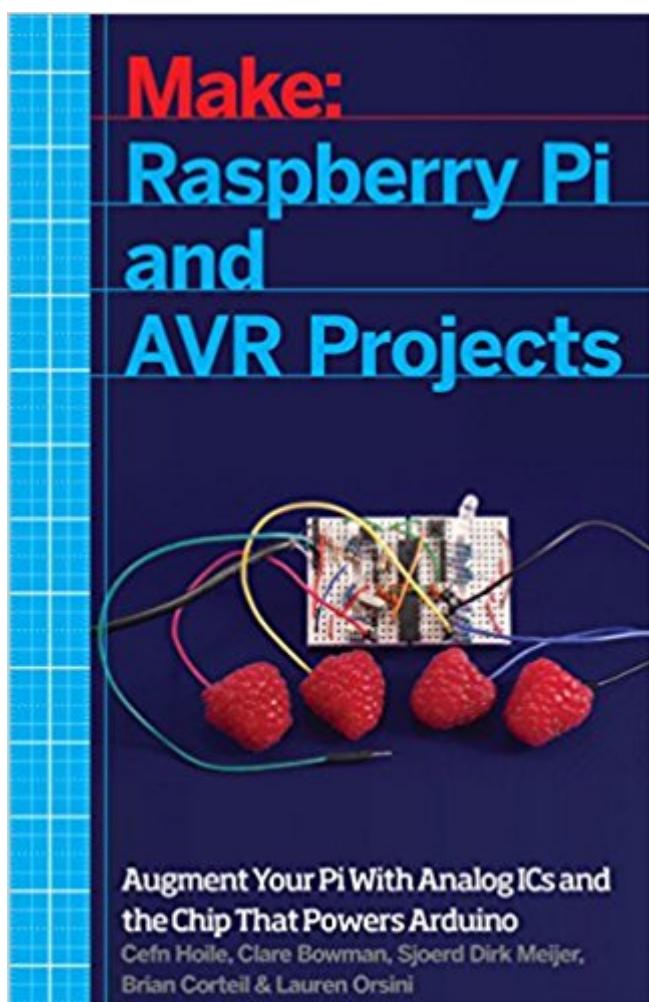The book was found

Raspberry Pi And AVR Projects: Augmenting The Pi's ARM With The Atmel ATmega, ICs, And Sensors (Make)

Make:
Raspberry Pi and AVR Projects

Augment Your Pi With Analog ICs and the Chip That Powers Arduino

Cefn Hoile, Clare Bowman, Sjoerd Dirk Meijer, Brian Corteil & Lauren Orsini

Synopsis

As an incredibly cheap, credit-card sized computer, the Raspberry Pi is breaking down barriers by encouraging people of all ages to experiment with code and build new systems and objects; and this book provides readers with inspiring and insightful examples to explore and build upon. Written for intermediate to seasoned Raspberry Pi users, this book explores four projects from around the world, explained by their makers. These projects cover five major categories in the digital maker space: music, light, games, home automation, and the Internet of Things.

Book Information

Series: Make

Paperback: 254 pages

Publisher: Maker Media, Inc; 1 edition (June 12, 2014)

Language: English

ISBN-10: 1457186241

ISBN-13: 978-1457186240

Product Dimensions: 5.5 x 0.5 x 8.5 inches

Shipping Weight: 10.4 ounces (View shipping rates and policies)

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Customer Reviews

Cefn Hoile sculpts open source hardware and software, and helps others do the same. After 10 years of industrial R&D, Cefn founded Shrimping It to help schools and hobbyists source and adopt electronics prototyping materials in the classroom. One of the project's freely-licensed builds, "The Shrimp", is an Arduino-compatible breadboard layout on which the ShrimpKey and Picussion projects in the book are based. Cefn is currently completing a PhD in Digital Innovation at Highwire, University of Lancaster, UK.Clare Bowman enjoys hacking playful interactive installations and designing digitally fabricated consumer projects, exhibiting her work in the UK and abroad. Her background as a collaborator of shrimping.it has lead to an interest in exploring the Maker Movement and the potential therapeutic benefits of Do It Yourself (DIY) assistive technology. She is driven by an interest in supporting individuals discover their own creativity through an occupational

therapy perspective.Sjoerd Dirk Meijer is the maker of ShrimpKey (DIY MakeyMakey) and a Scratch programming educator. He is also interested in (primary) education, giftedness and making/maker ed. He can be found on twitter @fromScratchEd.Brian Corteil has never grown up, and still loves playing with computers, micro electronics, Legos, and video games. His first computers were a ZX80 then a TI-99, and finally an Acorn Electron. He is one of the founding members of Makespace, the place to make, fix, break stuff and meet great people in Cambridge.Lauren Orsini is a technology journalist in Washington, DC. She writes about developer issues, tech education, and DIY hardware hacking for ReadWrite. Her new book, Otaku Journalism: A Guide To Geek Reporting In The Digital Age, is a new media journalism handbook to navigating Internet-age reporting.

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