BeagleBone Home Automation Blueprints (Paperback)

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Reviews

Completely one of the better pdf I have got possibly go through. I really could comprehended every little thing using this composed e ebook. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Torey Kreiger)

BEAGLEBONE HOME AUTOMATION BLUEPRINTS (PAPERBACK)

Packt Publishing Limited, United Kingdom, 2016. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book. Automate and control your home using the power of the BeagleBone Black with practical home automation projects About This Book * Build, set up, and develop your circuits via step-by-step tutorial of practical examples, from initial board setup to device driver management * Get access to several kinds of computer peripherals to monitor and control your domestic environment using this guide * This book is spread across 10 chapters all focused on one practical home automation project Who This Book Is For This book is for developers who know how to use BeagleBone and are just above the beginner level. If you want to learn to use embedded machine learning capabilities, you should have some experience of creating simple home automation projects. What You Will Learn * Build a CO (and other gas) sensor with a buzzer/LED alarm to signal high concentrations * Log environment data and plot it in a fancy manner * Develop a simple web interface with a LAMP platform * Prepare complex web interfaces in JavaScript and get to know how to stream video data from a webcam * Use APIs to get access to a Google Docs account or a WhatsApp/Facebook account to manage a home automation system * Add custom device drivers to manage an LED with different blinking frequencies * Discover how to work with electronic components to build small circuits * Use an NFS, temperature sensor, relays, and other peripherals to monitor and control your surroundings In Detail BeagleBone is a microboard PC that runs Linux. It can connect to the Internet and can run OSes such as Android and Ubuntu. BeagleBone is used for a variety of different purposes and projects,...

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