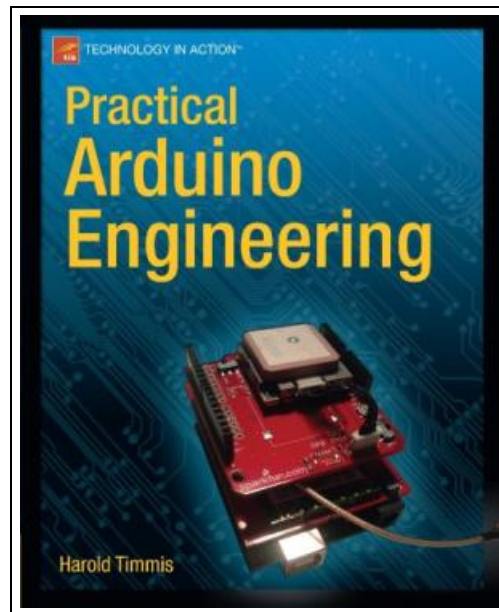# Practical Arduino Engineering (Paperback)

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Reviews

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(Delilah Hansen)

PRACTICAL ARDUINO ENGINEERING (PAPERBACK)

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Springer-Verlag Berlin and Heidelberg GmbH Co. KG, Germany, 2011. Paperback. Condition: New. 1st ed.. Language: English . Brand New Book ***** Print on Demand *****. Arduino boards have impressed both hackers and professional engineers. Whether you re a hobbyist or a professional, it isn t just a breadboard and a hazy idea that keeps you going. It s essential to institute a proper design, device instrumentation and, indeed, test your project thoroughly before committing to a particular prototype. Practical Arduino Engineering begins by outlining the engineering process, from the basic requirements and preliminary design to prototyping and testing. Each and every chapter exemplifies this process and demonstrates how you can profit from the implementation solid engineering principles-regardless of whether you just play in your basement or you want to publicize and sell your devices. Arduino is a brilliant prototyping platform that allows users to test and iterate design ideas. Imitation by other Arduino makers, hackers and engineers often proves your design s popularity. Practical Arduino Engineering will teach you to follow the engineering process carefully; over time, you will be able to review and improve this process, and even extend its scope. Practical Arduino Engineering is not purely theoretical. In addition, you ll learn the process of hardware engineering as applicable to Arduino projects, and the importance of the process in each and every project presented in this book. To set the stage, Practical Arduino Engineering begins by reviewing the Arduino software landscape, then shows how to set up an Arduino project for testing. Even if you already know your compiler toolchain and the basics of Arduino programming, this refresher course can help fill in the gaps and explain why your compiler may spit out certain error messages. Practical Arduino Engineering then gradually builds up the engineering process, from single...

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