



Inside Bluetooth Low Energy (Artech House Mobile Communications)

Naresh Gupta

Download now

[Click here](#) if your download doesn't start automatically

Inside Bluetooth Low Energy (Artech House Mobile Communications)

Naresh Gupta

Inside Bluetooth Low Energy (Artech House Mobile Communications) Naresh Gupta

Bluetooth Low Energy (LE) is one of the latest enhancement to Bluetooth technology and, as the name suggests, it is aimed at ultra low power devices, such as heart rate monitors, thermometers, and sensors. Due to very low power consumption, devices compliant with this standard can operate for several years on coin cell batteries without the need for recharging. This cutting-edge book helps you understand the whats , whys , and hows of Bluetooth LE. It includes a broad view of the technology, identifies the various building blocks, and explains how they come together. You also find discussions on Bluetooth basics, providing the background information needed to master Bluetooth LE.

The book explains the architecture of Bluetooth LE stack and the functionality provided by each of the layers. You find expert guidance in setting up your own system in a quick and efficient manner with inexpensive, easily available hardware and just a couple of PCs running Linux. This unique volume features two chapters that are dedicated to writing application programs. They explain how to build basic Bluetooth and Bluetooth Low Energy applications using the various building blocks. You also find detailed and easily understandable presentations of real-world applications that can be used as a starting point for your projects in the field. Moreover, the book included several tips and tricks on debugging Bluetooth applications. Additionally, this practical reference features exercises, sniffer air captures, message sequence charts and sample programs to help you get a first-hand feel of how the technology works.

Contents: Introduction. Background of Bluetooth. Bluetooth Lower Layers. Bluetooth Upper Layers and Profiles. Getting the Hands Wet. Bluetooth Low Energy Fundamentals. Physical Layer. Link Layer. Host Controller Interface and Commands. Logical Link Control and Adaptation Protocol (L2CAP). Security Manager (SM). Attribute Protocol (ATT). Generic Attribute Profile (GATT). Generic Access Profile (GAP). GATT Based Profiles. Developing LE Applications, Testing and Qualification. Glossary of Acronyms and Important Terms.

 [Download Inside Bluetooth Low Energy \(Artech House Mobile C ...pdf](#)

 [Read Online Inside Bluetooth Low Energy \(Artech House Mobile ...pdf](#)

Download and Read Free Online Inside Bluetooth Low Energy (Artech House Mobile Communications) Naresh Gupta

From reader reviews:

Rhonda Robitaille:

As people who live in the actual modest era should be up-date about what going on or facts even knowledge to make them keep up with the era and that is always change and move forward. Some of you maybe can update themselves by reading books. It is a good choice for yourself but the problems coming to an individual is you don't know which one you should start with. This Inside Bluetooth Low Energy (Artech House Mobile Communications) is our recommendation to help you keep up with the world. Why, because this book serves what you want and need in this era.

Andrew Garcia:

A lot of people always spent their free time to vacation or perhaps go to the outside with them loved ones or their friend. Are you aware? Many a lot of people spent that they free time just watching TV, or perhaps playing video games all day long. If you would like try to find a new activity honestly, that is look different you can read the book. It is really fun to suit your needs. If you enjoy the book which you read you can spent all day long to reading a guide. The book Inside Bluetooth Low Energy (Artech House Mobile Communications) it is extremely good to read. There are a lot of those who recommended this book. We were holding enjoying reading this book. In the event you did not have enough space to create this book you can buy the e-book. You can more easily to read this book out of your smart phone. The price is not too expensive but this book offers high quality.

Carol Pyles:

Playing with family in a park, coming to see the sea world or hanging out with pals is thing that usually you might have done when you have spare time, and then why you don't try thing that really opposite from that. Just one activity that make you not experience tired but still relaxing, trilling like on roller coaster you are ride on and with addition info. Even you love Inside Bluetooth Low Energy (Artech House Mobile Communications), you are able to enjoy both. It is very good combination right, you still desire to miss it? What kind of hang-out type is it? Oh can happen its mind hangout men. What? Still don't obtain it, oh come on its called reading friends.

Robert Banks:

Your reading 6th sense will not betray anyone, why because this Inside Bluetooth Low Energy (Artech House Mobile Communications) guide written by well-known writer who really knows well how to make book which might be understand by anyone who have read the book. Written with good manner for you, still dripping wet every ideas and producing skill only for eliminate your own personal hunger then you still uncertainty Inside Bluetooth Low Energy (Artech House Mobile Communications) as good book not just by the cover but also by the content. This is one book that can break don't judge book by its deal with, so do you still needing another sixth sense to pick this particular!?! Oh come on your looking at sixth sense already said

so why you have to listening to a different sixth sense.

Download and Read Online Inside Bluetooth Low Energy (Artech House Mobile Communications) Naresh Gupta #IFEQZKCN874

Read Inside Bluetooth Low Energy (Artech House Mobile Communications) by Naresh Gupta for online ebook

Inside Bluetooth Low Energy (Artech House Mobile Communications) by Naresh Gupta Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Inside Bluetooth Low Energy (Artech House Mobile Communications) by Naresh Gupta books to read online.

Online Inside Bluetooth Low Energy (Artech House Mobile Communications) by Naresh Gupta ebook PDF download

Inside Bluetooth Low Energy (Artech House Mobile Communications) by Naresh Gupta Doc

Inside Bluetooth Low Energy (Artech House Mobile Communications) by Naresh Gupta Mobipocket

Inside Bluetooth Low Energy (Artech House Mobile Communications) by Naresh Gupta EPub