



# Hands-On ZigBee: Implementing 802.15.4 with Microcontrollers (Embedded Technology)

By Fred Eady

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Since its recent introduction, the ZigBee protocol has created an enormous amount of buzz in venues from magazine covers to trade show floors to water coolers. Its promise of providing a simpler, cheaper, more power-efficient WPAN (Wireless Personal Area Network) alternative to WiFi and Bluetooth has opened up new data collection possibilities in application areas from industrial controls to medical devices to intruder alarms. Yet, despite this widespread interest, there is still little information available that goes beyond detailing the spec itself. Missing from the current ZigBee lexicon is practical, application-oriented guidance from an expert, specifically geared to aid engineers in implementing this new technology. Enter respected designer and popular columnist Fred Eady! With his new book, *Hands-On ZigBee*, he provides the only comprehensive how-to ZigBee guide available.

- The ONLY one-stop Zigbee resource available- from basics to sniffers to specs
- 7 easy-to-assemble ZigBee projects allow the reader to follow along...hands-on!
- Working hardware and software examples included in every chapter

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### **Editorial Review**

#### **Review**

"I recommend this book to anyone doing 802.15.4 or ZigBee development. It is likely that Eady touches on the platform you are or will be using and it contrasts it well with everything else out there." --**William Wong, Electronic Design, August 2007**

#### **From the Back Cover**

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#### **About the Author**

As an engineering consultant, Fred Eady has implemented communications networks for the space program and designed hardware and firmware for the medical, retail and public utility industries. He currently writes a monthly embedded design column for a popular electronics enthusiast magazine. Fred also composes monthly articles for a popular robotics magazine. Fred has been dabbling in electronics for over 30 years. His embedded design expertise spans the spectrum and includes Intel's 8748 and 8051 microcontrollers, the entire Microchip PIC microcontroller family and the Atmel AVR microcontrollers. Fred recently retired from his consulting work and is focused on writing magazine columns and embedded design books.

### **Users Review**

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##### **Ruth Jones:**

This book untitled Hands-On ZigBee: Implementing 802.15.4 with Microcontrollers (Embedded Technology) to be one of several books in which best seller in this year, honestly, that is because when you read this publication you can get a lot of benefit upon it. You will easily to buy this kind of book in the book shop or you can order it via online. The publisher in this book sells the e-book too. It makes you quicker to read this book, because you can read this book in your Smartphone. So there is no reason to you to past this e-book from your list.

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