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| Titolo | Inside Bluetooth Low Energy / / Naresh Gupta |
| Pubbl/distr/stampa | Boston : , : Artech House, , [2013] [Piscataqay, New Jersey] : , : IEEE Xplore, , [2013] |
| ISBN | 1-60807-580-X |
| Descrizione fisica | 1 online resource (422 p.) |
| Collana | Artech House mobile communications series |
| Disciplina | 004.62 |
| Soggetti | Bluetooth technology Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di bibliografia | Includes bibliographic references and index. |
| Nota di contenuto | 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 controlling interface and commands -- Logical link control and adaptations protocol (L2CAP) -- Security manager (SM) -- Attribute protocol (ATT) -- Generic attribute protocol (GATT) -- Generic access profile -- GATT-based profiles -- Developing LE applications -- Testing and qualification. |
| Sommario/riassunto | "Bluetooth Low Energy (LE) is one of the latest enhancements 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"--Page 4 of cover. |