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Second Edition Expands Reference On Wireless Power Transmission

[Würth Elektronik's](#) reference book "Trilogy of Wireless Power Transfer" is now available in a revised and expanded second edition. The manufacturer, which boasts the largest selection of wireless power coils on the market, shares its expertise in wireless power transmission. Authored by Cem Som, vice president Europe at Würth Electronics Midcom and Michael de Rooij, vice president applications engineering at Efficient Power Conversion, the practice-oriented reference book consists of three parts: Basic Principles of Wireless Power Transmission, Wireless Power Transfer Systems and Applications.

The first part of the reference book has been completely revised and explains the physical principles of the various methods of contactless power transmission. The key standards and developments of the technology are also discussed.

The second part describes the wireless power transfer systems and the different topologies of wireless power transmission. In the same chapter, the correct selection of the required transmitter and receiver coils to increase efficiency, and also the available transistors, are discussed.

The practice-oriented third part is supplemented with an innovative application: NFC communication together with wireless power transmission. An overview of EMI-related topics rounds off the compilation of application examples in the practice section.

Priced at 19 euros, the book is available from Würth Elektronik and is in bookstores. For more information, see the [website](#).

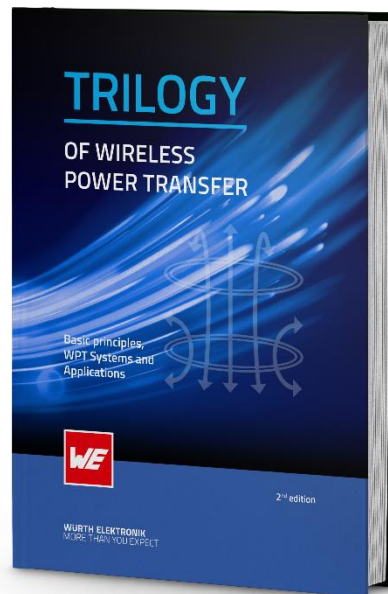


Figure. In its new second edition, Würth Elektronik's reference book on wireless power transfer contains a completely revised first part in which it explains the physical principles of the various methods of contactless power transmission, and discusses the key standards and developments of the technology.