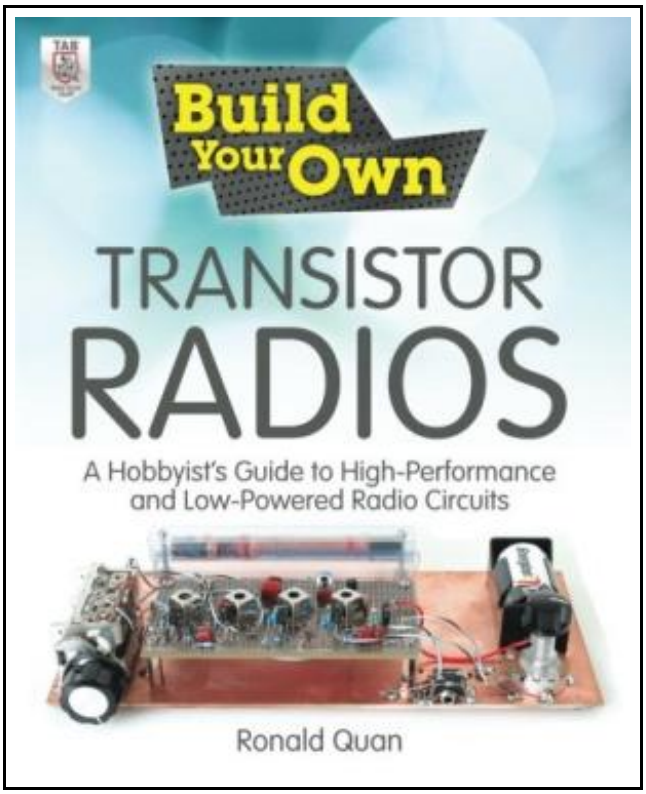
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Reviews

The publication is fantastic and great. It can be rally exciting throgh reading period of time. I am just very happy to inform you that this is the greatest publication i actually have read in my very own daily life and could be he very best ebook for at any time.
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McGraw-Hill Education - Europe, United States, 2013. Paperback. Book Condition: New. 228 x 184 mm. Language: English . Brand New Book. A do-it-yourself collection of innovative, high-quality projects for electronics enthusiasts Build Your Own Transistor Radios pushes the envelope of DIY radio designs. Ronald Quan, an electronics engineer with more than 65 patents, presents a range of projects, suitable for advanced beginners and more experienced engineers, that go far beyond the standard crystal sets of the past. This book covers traditional radios -- TRF (Tuned Radio Frequency), reflex, regenerative, and super-heterodyne topologies - as well as front-end circuit designs for SDR (Software Defined Radio), the emerging future standard for radio technology. Using widely available materials and the book s easy-to-follow plans, you can make radios that run for years on a single battery (even an organic potato battery or minimal solar cell array). Other projects include simple TRFs with enhanced reception performance; reflex radios that amplify both audio and radio frequency signals in a single unit; a green superheterodyne receiver, comparable in quality to commercially manufactured sets, but with vastly extended battery life; and other high-performance, low-power-consumption designs. Provides practical circuits for the hobbyist that use easily available off-the-shelf parts Bridges theoretical knowledge with intuitive explanations and practical examples Presents explanations of circuit designs and an introduction to signal theory--no advanced math training necessary! Gives alternative circuitry choices and recommended parts hacks Covers fundamental radio circuit design principles you can apply to other radio types, such as ham, shortwave, and longwave Comprehensive coverage: Overview of Various Radio Circuits; Calibration Tools and Generators for Testing; Parts and Improvised/Hacked Parts for Building the Radios; Building Simple Test Oscillators and Modulators; A Low Power TRF Radio; Reflex Radios; Low Power Regenerative Radios; Superhet Radios; A Low Power Superhet Radio; Exotic Superhet Radios; Inductorless...

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