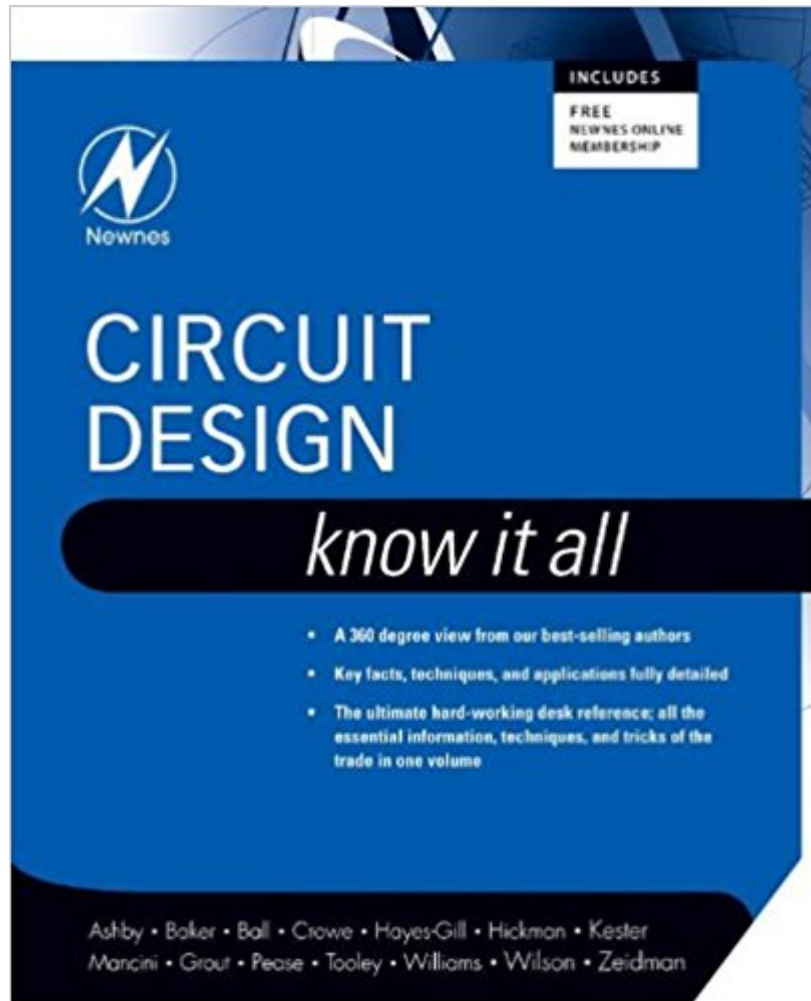


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# Circuit Design: Know It All (Newnes Know It All)



## Synopsis

The Newnes Know It All Series takes the best of what our authors have written to create hard-working desk references that will be an engineer's first port of call for key information, design techniques and rules of thumb. Guaranteed not to gather dust on a shelf! Electronics Engineers need to master a wide area of topics to excel. The Circuit Design Know It All covers every angle including semiconductors, IC Design and Fabrication, Computer-Aided Design, as well as Programmable Logic Design. • A 360-degree view from our best-selling authors • Topics include fundamentals, Analog, Linear, and Digital circuits • The ultimate hard-working desk reference; all the essential information, techniques and tricks of the trade in one volume

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## Customer Reviews

I spend a lot of time writing about technology, including books, magazine articles, and suchlike. (If you do a search on .com for "Clive Maxfield" you'll find a few of my humble offerings scattered around.) This means that I tend to be a bit of a harsh critic when it comes to reading "stuff" written by

other folks. One thing I hate is having a big pile of books and not being able to find the fact I'm looking for in any of them. By comparison, one thing I love is finding a single book that contains lots and lots of juicy information. Circuit Design Know It All falls into this latter category. As for the other members of the Know-It-All series, the publisher has pulled together material from a group of well-known engineer-writers, each of whom have focused on the area of their expertise. Even in "Chapter 1: Fundamentals" I discovered reams of stuff I'd long-forgotten, and there are 43 chapters jam-packed with interesting subjects to peruse and ponder. Topics range from diodes and transistors, analog design, digital design, analog and digital layout, high-speed logic, operational amplifiers, sensors, filters, radio frequency (RF) circuits, programmable logic, microprocessors and microcontrollers, power supplies, batteries, safety, testability, reliability... the list goes on and on... There are other books that go into more depth on each of these topics, but they tend to be "overkill" and wear me down unless I absolutely need to know information to that (excruciating) level of detail. Alternatively, there are a lot of books that attempt to cover a wide range of topics, but that cover them so "thinly" that they are all but useless.

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