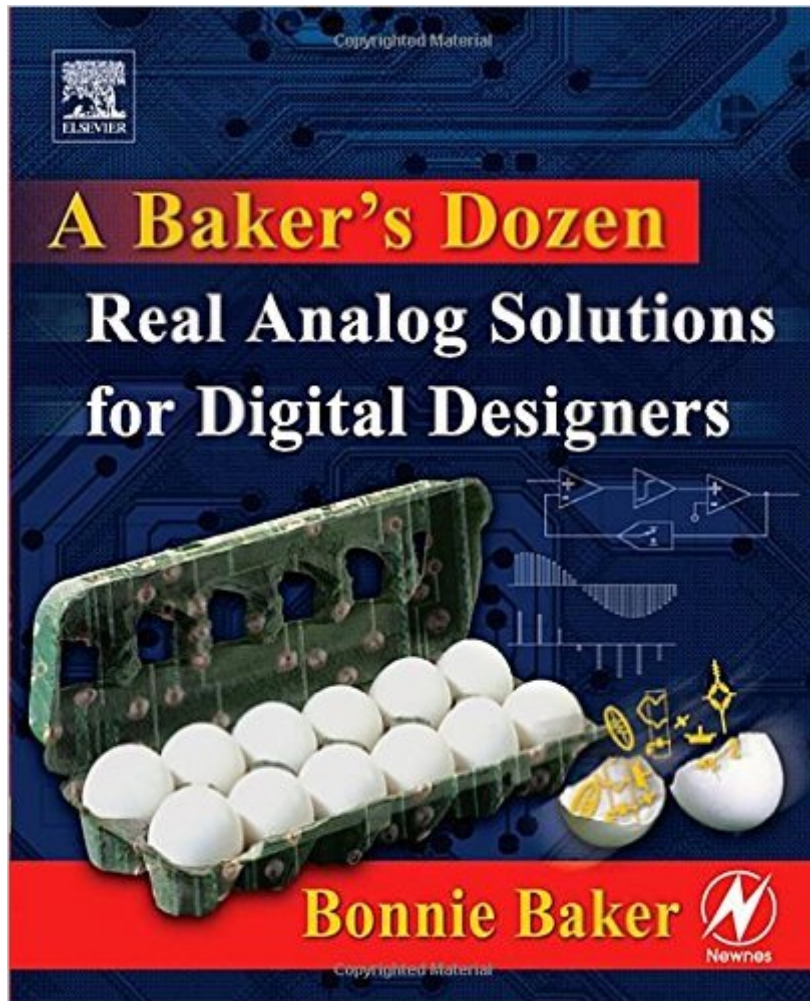


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# A Baker's Dozen: Real Analog Solutions For Digital Designers



## Synopsis

This book has been written to help digital engineers who need a few basic analog tools in their toolbox. For practicing digital engineers, students, educators and hands-on managers who are looking for the analog foundation they need to handle their daily engineering problems, this will serve as a valuable reference to the nuts-and-bolts of system analog design in a digital world. This book is a hands-on designer's guide to the most important topics in analog electronics - such as Analog-to-Digital and Digital-to-Analog conversion, operational amplifiers, filters, and integrating analog and digital systems. The presentation is tailored for engineers who are primarily experienced and/or educated in digital circuit design. This book will teach such readers how to "think analog" when it is the best solution to their problem. Special attention is also given to fundamental topics, such as noise and how to use analog test and measurement equipment, that are often ignored in other analog titles aimed at professional engineers. Extensive use of case-histories and real design examples Offers digital designers the right analog "tool" for the job at hand Conversational, anecdotal "tone" is very easily accessible by students and practitioners alike

## Book Information

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## Customer Reviews

If The Art of Electronics = The Bible, then A Baker's Dozen = A Game of Thrones. Both books are about ancient people wearing fur and killing each other, but A Game of Thrones will have you reading until 2 in the morning. A comment on other comments about poor editing: I have been

reading this book and I noticed a few minor errors, but nothing that caused confusion for me. Stuff along the lines of "They has fruit." So what. The technical information is gold, presented in a very digestible manner, and this kind of thing is infrequent enough to be insignificant. I also noted that all of the poor ratings (so far) are based on the poor editing, not on content. I love this book. I am a member of a technical books library online and have been reading it most of the day. Bonnie brings together design concepts (digital and analog) in real-life examples to explain why and what to do about it. A lovely bonus is that this is just entertaining reading, too. I am glued to this, Bonnie explains in real-life terms what, until now, I was fuzzy about. That's what theoretical texts do for us; shovel-feed you complex stuff. This book is excellent at giving out straight answers on incorporating analog design practices into the digital world. I feel like she's the experienced guy on the bench and I am the intern listening to every jewel that drops from her mouth. ;^)

Clean up your signal before you introduce it to the MCU. She explains the different types of ADCs and DACs and when and where to place them. The Art of Electronics may be thorough, but it is only theoretical and academic. Having been an EE for 20 years, I can definitely say that I have had to research the very issues she covers. No engineer knows as much as he or she should.

Doesn't anybody edit books before they're published anymore? This book is a beautiful compilation of knowledge, wisdom and tips on the subject of analog circuit design. It's written by one of today's leading experts on the subject. I ALMOST enjoyed reading the book and digesting its contents. I mean, I read the whole thing, and I ALMOST enjoyed the experience. There was just one problem with the book. It is very poorly edited. From the front cover to the back cover, it seems like I've had to add a handwritten correction to every other page of the book. I will ignore technical errors for the purpose of this review (except that she got the two's complement notation for -2 wrong in the first couple of chapters - come ON!). All the rest are errors involving: \*spelling errors\* \*typographical errors\* \*homonyms and homologues\* \*word usage and sentence structure problems\* \*grammar mistakes\* \*awkward phrasing or misuse of common idioms\* \*noun-verb disagreement ("is/are", for example)

This is not the only technical book I've encountered with an editing problem. It seems like most, if not all, of today's technical books have serious editing problems. Sometimes they're total disasters, like those written by Myke Predko (don't take my word for it; go read the reviews on .com and barnesandnoble.com), but more often they're books like this one, where the technical content is (mostly) accurate, but the writing appears ... um ... "sloppy" isn't fair to the writer ... more like poorly edited. It simply looks as though the editor wasn't doing his/her job.

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