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The Art Of Electronics



Synopsis

At long last, here is the thoroughly revised and updated third edition of the hugely successful *The Art of Electronics*. It is widely accepted as the best single authoritative book on electronic circuit design. In addition to new or enhanced coverage of many topics, the third edition includes 90 oscilloscope screenshots illustrating the behavior of working circuits, dozens of graphs giving highly useful measured data of the sort that is often buried or omitted in datasheets but which you need when designing circuits, and 80 tables (listing some 1650 active components), enabling intelligent choice of circuit components by listing essential characteristics (both specified and measured) of available parts. The new *Art of Electronics* retains the feeling of informality and easy access that helped make the earlier editions so successful and popular. It is an indispensable reference and the gold standard for anyone, student or researcher, professional or amateur, who works with electronic circuits.

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Customer Reviews

"They're back!" Since the publishing of the acclaimed second edition, the field of electronics has witnessed a few (ahem) little advancements. Switching power supplies have conquered the world (also polluting it with all sorts of electrical noise), voltages have gone way down, frequencies have gone up through the roof, data communications have turned seriously serial and computers are no longer a goal, but a means to embed and distribute intelligence in all sorts of devices. An update of what is deemed to be the single tome "Bible of Electronics" was thus in order. It took a couple of

decades to complete it, but now the wait is over: Horowitz and Hill are back! The first question that comes to mind is "what has changed from the second to the third edition?" The short answer is: an awful lot. The more I read it, the more I realize this is a completely different book. In the way it appears, to begin with: the wider pages, the smaller fonts and the uniform-styled pictures do away with the informal textbook style and make it look more like a deluxe encyclopedia. The writing style is still the same, though: informal, clear and to the point (I believe this to be the only university level textbook I know to use the word "bulls****" right in the preface). As an aside, the new format allows for some 33% more text per page, so know that if this book had been printed with the same typeface and layout of the second edition, it would span some 1500 pages. One word on the pictures: device characteristics are handed out by the dozen on each diagram for ease of comparison. While this was known to happen in the previous edition too, it is now the norm throughout the whole textbook.

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