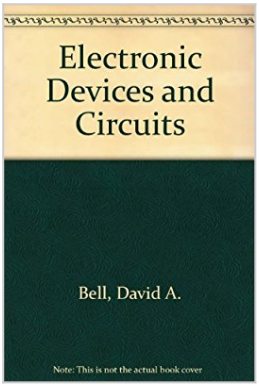

Electronic Devices and Circuits

By David A. Bell

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A unique feature of this book is that it shows just how simple it is to design electronic circuits, using little more than Ohm's law and the capacitor impudence equation. Numerous practical circuit design examples are offered using currently-available devices and standard-value components. Commencing with an introduction to semiconductors and pn-junction theory, all of the most important semiconductor devices in general use today are covered. The operation of each device is carefully explained, and its characteristics and parameters are discussed in detail. Circuit applications are then treated, and the design and analysis of circuits involving the device are investigated. Coverage includes IC operational amplifiers, IC audio amplifiers, and IC voltage regulators.

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Editorial Review

About the Author
David A. Bell is a professional engineer. He was employed as a circuit design specialist in the electronics industry for many years before becoming a professor at Lambton College of Applied Arts and Technology. He has written five electronics/technology books which are in multiple editions. These have been used in colleges and universities throughout Canada and the United States and around the world.

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