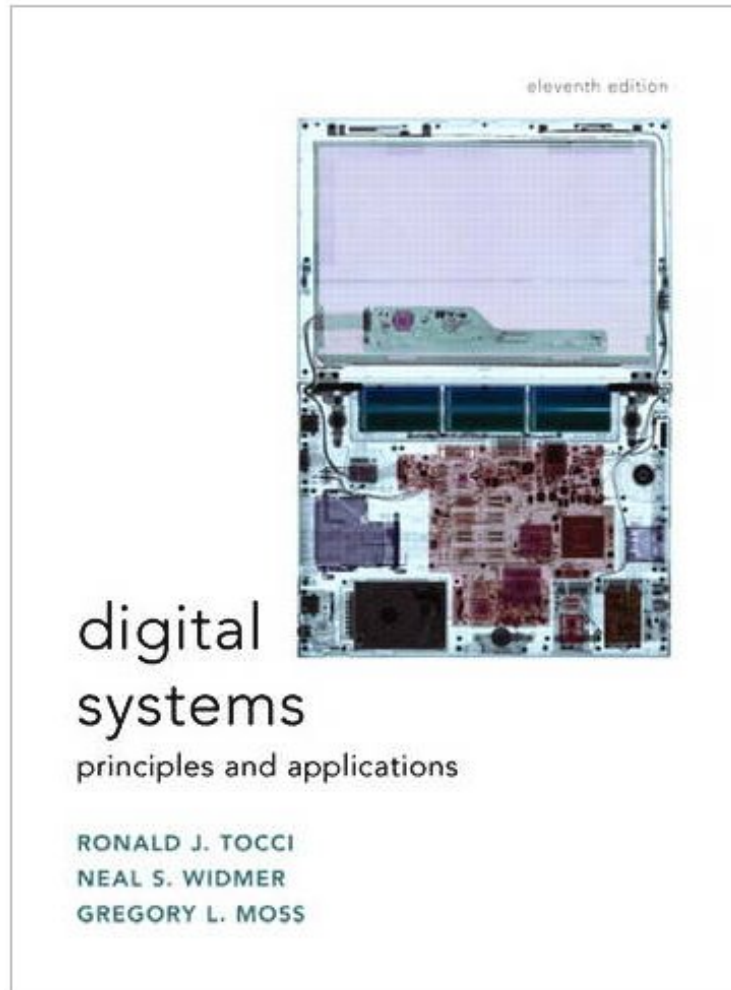


## Digital Systems: Principles and Applications (11th Edition)

*Ronald J. Tocci, Neal Widmer, Greg Moss*  
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explain digital systems today without talking about VHDL and AHDL (Hardware Description Languages - HDL). Not only are the concepts explained through examples and diagrams, they're also covered by the HDL's, so if you're a college student where you'll most likely be introduced to them, this is ideal. I don't need to say anything more, as it's very clear how strongly I think of this book. Get it, it will make a huge difference in your understanding. 2 of 2 people found the following review helpful. The Best! By Tom This is the best book I have read introducing digital electronics. It is much more in depth than other books on the market. The examples go in to a level of detail that gives you a much better understanding of how certain concepts work. This is the only book I have come across that actually describes how the various logic families (CMOS, TTL) work on a transistor basis. Just great! 0 of 0 people found the following review helpful. Five Stars By Marton Albert This textbook was very helpful in my Digital Electronics class.

For an introduction to digital systems in two- and four-year programs in technology, engineering, and computer science. While a background in basic electronics is helpful, the majority of the material requires no electronics training. Tocci and Widmer use a block diagram approach to basic logic operations, to enable students to have a firm understanding of logic principles before they study the electrical characteristics of the logic ICs. For each new device or circuit, the authors describe the principle of the operation, give thorough examples, and then show its actual application.

From the Publisher Tocci uses a block diagram approach to basic logic operations, so students have a firm understanding of logic principles before they study the electrical characteristics of the logic ICs. For each new device or circuit, Tocci describes the principle of the operation, gives thorough examples, and then shows its actual application. From the Back Cover Key Benefit: This book presents a comprehensive introduction to the principles and techniques of modern digital systems. The majority of the material requires no electronics training. Key Topics: The book delivers a clear, understandable presentation with a substantial number of diagrams and thoroughly explained examples. It covers the principles and techniques of troubleshooting as well as a practical application of principles using actual ICS. The seventh edition of Digital Systems: Principles and Applications has been updated wherever necessary with some material rewritten for greater clarity and completeness. The book now includes new examples, review questions, and problems to reinforce the material. In addition, several new applications provide a working context for the material. Market: A valuable reference on digital systems for any professional. About the Author NEAL WIDMER (West Lafayette, IN) is a Professor of electronics at Purdue University.