



Digital Systems: Principles and Applications (11th Edition)

By Ronald J. Tocci, Neal Widmer, Greg Moss

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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.

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Editorial Review

From the Publisher

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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.

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