

Contemporary Logic Design (2nd Edition)



BOOK DETAIL

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Book Description

BASIC APPROACH In the past ten years there has been a revolution in the practice of hardware design. Professionals now rely on CAD software, rapid prototyping, and programmable logic devices to streamline the design process. Contemporary Logic Design is the first text to address these changes — and to offer a truly modern introduction to logic design. Throughout, the author complements his presentation of logic design theory with discussions of current design technologies. Approximately 60% of the book presents new material; the remainder has been re-organized and partially re-written to correspond to the organizational changes.

Contemporary Logic Design 2nd Edition Solution Manual

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FPGA devices Nios II soft core processor and development platform from Altera Co which is one of the two main FPGA manufactures Altera has a generous university program that provides free software and discounted prototyping boards for educational institutions details at www.altera.com/university The two main educational prototyping boards are known as DE1 99 and DE2 269 All experiments can be implemented and tested with these boards A board combined with this book becomes a turn key solution for the SoPC design experiments and projects Most HDL and C codes in the book are device independent and can be adapted by other prototyping boards as long as a board has similar I O configuration

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