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Similarly, Boolean algebra represents two values: true and false. Boolean algebra is a foundational aspect of integrated digital circuit design. Digital integrated circuits use Boolean logic and operate through logic gates, which are physical arrangements of interconnected transistors in a digital chip that are invisible to the naked eye.

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Homepage for Digital Integrated Circuits  
Integrated circuit design, or IC design, is a subset of electronics engineering, encompassing the particular logic and



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Design Perspective etc. These circuits are easier to design and economical. Analog Integrated Circuits handle contiguous signals. These are two types: linear integrated circuits (Linear ICs) and Radio frequency integrated circuits (RF ICs).

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The revision reflects the ongoing evolution in digital integrated circuit design, especially with respect to the impact of moving into the deep-submicron realm. Features: New - Updating of technology of the deep-submicron realm - The piece makes sure that updates to most of the numeric values with respect to advancing processes can be accomplished easily.

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## Radio Frequency Circuit Design

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Digital Integrated Circuits: Rabaey, Jan,  
Chandrakasan ...

Welcome to second edition of 'Digital Integrated Circuits: A Design Perspective.' In the six years since the publication of the first, the field of digital integrated circuits

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has gone through some dramatic evolutions and changes. IC manufacturing technology has continued to scale to ever-smaller dimensions.

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