

Microelectronic Circuit And Devices 2nd Edition Part A

B

Malcolm E. Goodge

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VLSI Design Techniques for Analog and Digital Circuits Randall L. Geiger, Phillip E. Allen, Noel R. Strader, 1990

High-Frequency Integrated Circuits Sorin Voinigescu, 2013-02-28 A transistor level design intensive overview of high speed and high frequency monolithic integrated circuits for wireless and broadband systems from 2 GHz to 200 GHz. This comprehensive text covers high speed RF, mm wave and optical fibre circuits using nanoscale CMOS, SiGe, BiCMOS and III-V technologies. Step by step design methodologies, end of chapter problems and practical simulation and design projects are provided, making this an ideal resource for senior undergraduate and graduate courses in circuit design. With an emphasis on device, circuit topology, interaction and optimization, it gives circuit designers and students alike an in depth understanding of device structures and process limitations affecting circuit performance.

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Analog Electronics Malcolm E. Goodge, 1990

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Smith,1995 **Active and Non-Linear Electronics** Thomas F. Schubert,Ernest M. Kim,1996-02-19 Focus is on the principles necessary to understand analyse and design electronic circuitry using currently available technologies

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