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# **Microelectronic Circuit Design Solutions**

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Design Principles for Digital CMOS Integrated Circuits. This book is meant to apply most directly to introductory courses in circuit design, which appear during the second or third year in many engineering curricula, but it can also provide a supplement to other courses for which some knowledge of circuits is useful.

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In electronics, a wafer (also called a slice or substrate) is a thin slice of semiconductor, such as a crystalline silicon (c-Si), used for the fabrication of integrated circuits and, in photovoltaics, to manufacture solar cells. The wafer serves as the substrate for microelectronic devices built in and upon the wafer. It undergoes many microfabrication processes, such as doping, ion ...

# Wafer (electronics) - Wikipedia

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#### Integrated circuit packaging review with an emphasis on 3D ...

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