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This book deals with mostly
microelectronics while
providing sufficient
foundation for general
(perhaps discrete)

electronic systems as well.

1.2 Examples of Electronic

Systems At this point, we
introduce two examples of
microelectronic systems and
identify some of the
important building blocks
that we should study in
basic electronics.

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With the advances in the semiconductor and communication industries, it has become increasingly important for electrical engineers to develop a good understanding of microelectronics. This book addresses the need for a text that teaches microelectronics from a modern and intuitive perspective.

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key topics in far greater
detail.

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complex problems into
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then focuses in on charged
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quality, sensitivity, data
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