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~~Transistors, How do they work ?~~

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~~DEVICE? What does~~

~~SEMICONDUCTOR DEVICE mean?~~

~~Semiconductor Theory 1 Higher~~

~~Physics - Semiconductors 1:~~

~~intrinsic \u0026amp; extrinsic~~

~~semiconductors Semiconductors:~~

~~What is a Semiconductor?~~

~~(Physics \u0026amp; Theory) General~~

~~Chemistry 1A. Lecture 01.~~

~~Introduction to General~~

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~~Current, Resistance (Engineering~~

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~~Semiconductor Devices and~~

~~Introduction to Magnetism~~

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~~Semiconductor Device Physics~~

~~(Lecture 1: Semiconductor~~

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| Introduction to Electronic  
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BOARD EXAMS||SEMICONDUCTOR  
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Semiconductor Devices Physics  
And Technology

Divided into three parts, it covers  
the basic properties of  
semiconductors and processes,  
emphasizing silicon and gallium  
arsenide; the physics and  
characteristics of semiconductor  
devices, bipolar and unipolar

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and Design teaches readers how  
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the point of view of someone who  
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see the opportunity and  
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A semiconductor device is an  
electronic component that relies  
on the electronic properties of a  
semiconductor material (primarily  
silicon, germanium, and gallium  
arsenide, as well as organic  
semiconductors) for its function.

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Semiconductor device - Wikipedia

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Sons Inc., 1967. - 366 p. The  
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an introduction to the physics and  
technology of planar silicon  
devices, i.e., devices made by the  
planar technology. To be sure, the  
physical principles underlying the  
fabrication and the operation of  
these devices do not differ from  
those underlying the fabrication  
and the operation of devices  
made from other semiconductors  
by other technologies.

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Physics of Semiconductor

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Technology, Third Edition offers engineers, research scientists, faculty, and students a practical basis for understanding the most important devices in use today and for evaluating future device performance and limitations. A Solutions Manual is available from the editorial department.

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