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Semiconductor Device Physics (Lecture 1: Semiconductor Fundamentals)CBSE Class 12 Physics 14 || Semiconductor Electronics Part -1 || Full Chapter || By Shiksha House Semiconductor Device Simulation with MATLABTM Mod-05 Lec-31 Semiconductor Device Physics Semiconductor Devices and Technology: Lecture 1

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Electronic Devices \u0026amp; Circuits | Introduction to Electronic Devices \u0026amp; Circuits**Mission BOARD EXAMS||SEMICONDUCTOR DEVICES||12TH PHYSICS||** 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 devices, and special microwave and photonic devices; and the latest processing technologies,

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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. Semiconductor devices have replaced vacuum tubes in most applications.

Semiconductor device - Wikipedia

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