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Semiconductor Devices - dissidents

A semiconductor diode is a device typically made from a single p-n junction. At the junction of a p-type and an n-type semiconductor there forms a depletion region where current conduction is inhibited by the lack of mobile charge carriers. When the device is forward biased (connected with the p-side at higher electric potential than the n-side), this depletion region is diminished, allowing ...

Semiconductor device - Wikipedia

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Semiconductors, Transistors and Integrated Circuits...

This feature may define the semiconductor property of the material, however it would be interesting to know how a semiconductor works between a conductor and an insulator. Resistivity According to Ohm's Law, the electrical resistance of an electronic device is defined as the ratio of the potential difference across the component to the current ...

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