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The temperature effects on electrical parameters of both bipolar and MOSFET devices are discussed, and models quantifying the temperature effects on package elements are identified.

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It has negative temperature co-efficient of resistance. That means

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the resistance of a semiconductor decreases with increase in temperature and vice-versa. When a suitable metallic impurity is added to a semiconductor, its current conducting properties change appreciably. Commonly Used Semiconductors

~~What is a Semiconductor? Discuss the effect of temperature ...~~

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