

THE INFLUENCE OF TEMPERATURE
AND γ -IRRADIATION ON THE OPERATION
OF DEVICES WITH A SCHOTTKY BARRIER

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S u m m a r y

The allocation of atoms of metal in depletion layers with a Schottky barrier is considered. Being charged these atoms influence the height of a potential barrier, the capacity and resistance of contact, and the coefficient of nonideality. The influence on these characteristics is carried out through the value of the diffusion coefficient.