

VARIATION OF GATE MATERIALS FOR HYBRID GE-SI MOSFET

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ABSTRACT

A comparative study on Hybrid MOSFET with different gate materials has been investigated in this paper. The objective of this study is to analyze the performance of Hybrid MOSFET with different gate materials. In this study drain current values for different gate materials are calculated for a given gate voltage by varying the drain voltage. The outcome of this study is to find a better gate material for Hybrid MOSFET.

KEYWORDS: Hybrid Mosfet, Drain Current