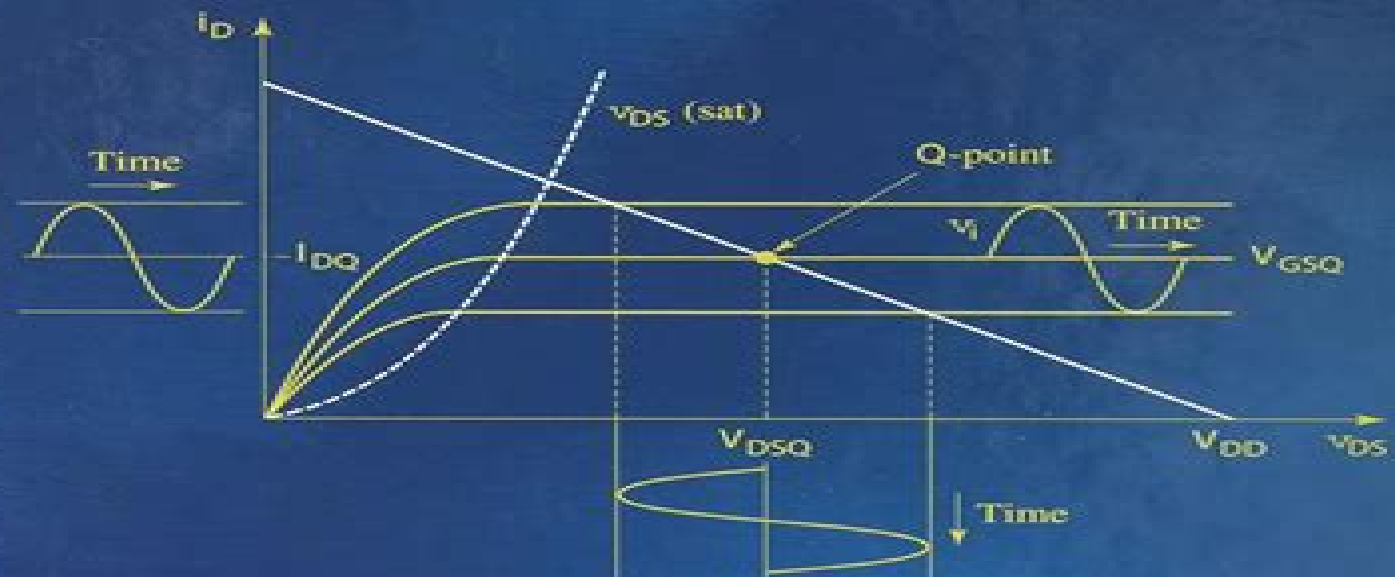


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Publications United States. National Bureau of Standards,1977 *Publications of the National Bureau of Standards ... Catalog* United States. National Bureau of Standards,1978 Catalog of National Bureau of Standards Publications, 1966-1976: Citations and abstracts United States. National Bureau of Standards. Technical Information and Publications Division,1978 *Catalog of National Bureau of Standards Publications, 1966-1976* United States. National Bureau of Standards,1978 Electronic Packaging Materials and Their Properties Michael Pecht,Rakish Agarwal,F. Patrick McCluskey,Terrance J. Dishongh,Sirus Javadpour,Rahul Mahajan,2017-12-19 Packaging materials strongly affect the effectiveness of an electronic packaging system regarding reliability design and cost In electronic systems packaging materials may serve as electrical conductors or insulators create structure and form provide thermal paths and protect the circuits from environmental factors such as moisture contamination hostile chemicals and radiation Electronic Packaging Materials and Their Properties examines the array of packaging architecture outlining the classification of materials and their use for various tasks requiring performance over time Applications discussed include interconnections printed circuit boards substrates encapsulants dielectrics die attach materials electrical contacts thermal materials solders Electronic Packaging Materials and Their Properties also reviews key electrical thermal thermomechanical mechanical chemical and miscellaneous properties as well as their significance in electronic packaging

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