

Materials Fundamentals Of Gate Dielectrics

[DOWNLOAD HERE](#)

Preface. 1: Materials and Physical Properties of High-K Oxide Films; Ran Liu. 2: Device Principles of High-K Dielectrics; Kurt Eisenbeiser. 3: Thermodynamics of Oxide Systems Relevant to Alternative Gate Dielectrics; Alexandra Navrotsky and Sergey V. Ushakov. 4: Electronic Structure and Chemical Bonding in High-K Transition Metal and Lanthanide Series Rare Earth Alternative Gate Dielectrics: Applications to Direct Tunneling and Defects at Dielectric Interfaces; Gerald Lucovsky. 5: Atomic Structure, Interfaces and Defects of High Dielectric Constant Gate Oxides; J. Robertson and P.W. Peacock. 6: Dielectric Properties of Simple and Complex Oxides from First-Principles; U.V. Waghmare and K.M. Rabe. 7: IVb Transition Metal Oxides and Silicates: An Ab Initio Study; Gian-Marco Rignanese. 8: The Interface Phase and Dielectric Physics for Crystalline Oxides on Semiconductors; Rodney Mckee. 9: Interfacial Properties of Epitaxial Oxide/Semiconductor Systems; Y. Liang and A.A. Demkov. 10: Functional Structures; Matt Copel. 11: Mechanistic Studies of Dielectric Growth on Silicon; Martin M. Frank and Yves J. Chabal. 12: Methodology for Development of High-k Stacked Gate Dielectrics on III V Semiconductors; Matthias Passlack. Index EAN/ISBN : 9781402030789 Publisher(s): Springer Netherlands Discussed keywords: Dielektrizitt Format: ePub/PDF Author(s): Demkov, Alexander A. - Navrotsky, Alexandra

[DOWNLOAD HERE](#)

Similar manuals:

[Materials Fundamentals Of Gate Dielectrics](#)