



Silver metallization : stability and reliability /

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Springer,
2008

Electronic books

Monografía

"Silver has the lowest resistivity of all metals, which makes it an attractive interconnect material for higher current densities and faster switching speeds in integrated circuits. Over the past ten years, extensive research has been conducted to address the thermal and electrical stability, as well as processing issues which, to date, have prevented the implementation of silver as an interconnect metal. Silver Metallization: Stability and Reliability is the first book to discuss current knowledge of silver metallization and its potential as a favorable candidate for implementation as a future interconnect material for integrated circuit technology." "Silver Metallization: Stability and Reliability provides detailed information on a wide range of experimental, characterization and analysis techniques. It also presents the novel approaches used to overcome the thermal and electrical stability issues associated with silver metallization."--Jacket

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Título: Silver metallization stability and reliability Daniel Adams, Terry L. Alford and James W. Mayer

Editorial: London Springer 2008

Descripción física: 1 online resource (xi, 123 pages) illustrations

Mención de serie: Engineering materials and processes

Documento fuente: Springer e-books

Bibliografía: Includes bibliographical references and index

Contenido: Silver Thin Film Characterization -- Diffusion Barriers and Self-encapsulation -- Thermal Stability -- Silver Electromigration Resistance -- Integration Issues -- Summary

Lengua: English

Copyright/Depósito Legal: 261067108 288182585 326882711 607257229 613472265 648346876 739154184 756429511 880321648 985038286 994722971 1005830174 1035663666 1044302772 1056350335 1058109902 1060864980 1066631400 1071883030 1075393442 1078868599 1087274215 1097317048 1097339667 1105598542 1110938397 1112590670

ISBN: 9781848000278 1848000278 9781848000261 hardcover ; alk. paper) 184800026X hardcover ; alk. paper) 6611117865 9786611117863

Materia: Silver- Electrometallurgy Electrochemical metallizing Integrated circuits- Materials Silver silver TECHNOLOGY & ENGINEERING- Electronics- Circuits- Integrated. TECHNOLOGY & ENGINEERING- Electronics- Circuits- General. Electrochemical metallizing. Integrated circuits- Materials. Silver- Electrometallurgy. Chimie. Science des matériaux. Electrochemical metallizing. Integrated circuits- Materials. Silver- Electrometallurgy.

Autores: Alford, Terry L. Mayer, James W. (1930-)

Enlace a formato físico adicional: Print version Adams, Daniel. Silver metallization. London : Springer, 2008 9781848000261 184800026X (OCOLC)156891512

Punto acceso adicional serie-Título: Engineering materials and processes

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