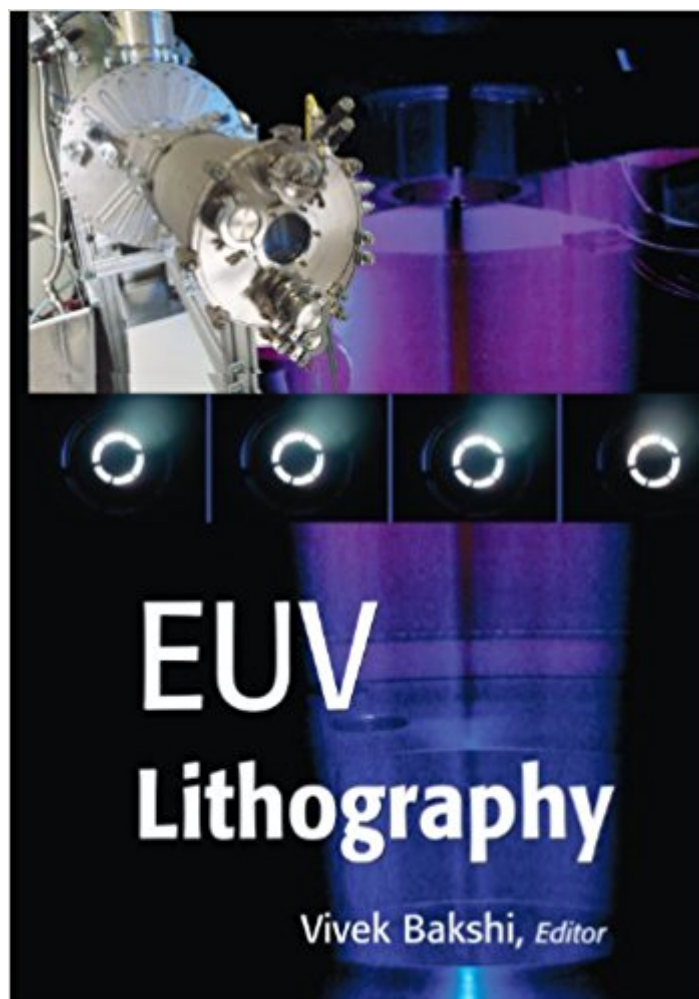


The book was found

# EUV Lithography (SPIE Press Monograph Vol. PM178SC)



## Synopsis

Extreme ultraviolet lithography (EUVL) is the principal lithography technology aiming to manufacture computer chips beyond the current 193-nm-based optical lithography, and recent progress has been made on several fronts: EUV light sources, optics, optics metrology, contamination control, masks and mask handling, and resists. This comprehensive volume is comprised of contributions from the world's leading EUVL researchers and provides all of the critical information needed by practitioners and those wanting an introduction to the field. Interest in EUVL technology continues to increase, and this volume provides the foundation required for understanding and applying this exciting technology.

## Book Information

Series: Press Monograph

Paperback: 702 pages

Publisher: SPIE--The International Society for Optical Engineering (December 11, 2008)

Language: English

ISBN-10: 0819496405

ISBN-13: 978-0819496409

Package Dimensions: 9.9 x 7 x 1.5 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #825,057 in Books (See Top 100 in Books) #5 in Books > Arts & Photography > Graphic Design > Lithography #303 in Books > Science & Math > Physics > Optics #31979 in Books > Engineering & Transportation > Engineering

## Customer Reviews

Dr. Bakshi has compiled a thorough, clear reference text covering the important fields of EUV lithography for high-volume manufacturing. This book has resulted from his many years of experience in EUVL development and from teaching this subject to future specialists. The book proceeds from an historical perspective of EUV lithography, through source technology, optics, projection system design, mask, resist, and patterning performance, to cost of ownership. Each section contains worked examples, a comprehensive review of challenges, and relevant citations for those who wish to further investigate the subject matter. Dr. Bakshi succeeds in presenting sometimes unfamiliar material in a very clear manner. This book is also valuable as a teaching tool. It has become an instant classic and far surpasses others in the EUVL field. --Dr. Akira Endo, Chief

Development Manager, Gigaphoton Inc.

Dr. Vivek Bakshi previously served as a senior member of the technical staff at SEMATECH; he is now president of EUV Litho, Inc., in Austin, Texas.

[Download to continue reading...](#)

EUV Lithography (SPIE Press Monograph Vol. PM178SC) Principles of Lithography, Second Edition (SPIE Press Monograph Vol. PM146) Excimer Laser Lithography (SPIE Press Monograph Vol. PM03) Color Vision and Colorimetry: Theory and Applications (SPIE Press Monograph Vol. PM204) Contrast Sensitivity of the Human Eye and Its Effects on Image Quality (SPIE Press Monograph Vol. PM72) A Guide to the Use and Calibration of Detector Array Equipment (SPIE Press Monograph Vol. PM142) Optics Made Clear: The Nature of Light And How We Use It (SPIE Press Monograph Vol. PM163) The Art of Radiometry (SPIE Press Monograph Vol. PM184) Laser-Induced Interstitial Thermotherapy (SPIE Press Monograph Vol. PM25) (Institute Series, Is13) Air and Spaceborne Radar Systems: An Introduction (SPIE Press Monograph) Laser Safety in the Lab (SPIE Press Monograph PM212) Resolution Enhancement Techniques in Optical Lithography (SPIE Tutorial Texts in Optical Engineering Vol. TT47) Lithography; a complete handbook of modern techniques of lithography Cellular Physiology and Neurophysiology E-Book: Mosby Physiology Monograph Series (Mosby's Physiology Monograph) Cardiovascular Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 10e (Mosby's Physiology Monograph) Endocrine and Reproductive Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 4e (Mosby's Physiology Monograph) Renal Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 5e (Mosby's Physiology Monograph) Gastrointestinal Physiology: Mosby Physiology Monograph Series (With STUDENT CONSULT Online Access), 8e (Mosby's Physiology Monograph) Let's Grill! Best BBQ Recipes Box Set: Best BBQ Recipes from Texas (vol.1), Carolinas (Vol. 2), Missouri (Vol. 3), Tennessee (Vol. 4), Alabama (Vol. 5), Hawaii (Vol. 6) Optical Design for Visual Systems (SPIE Tutorial Texts in Optical Engineering Vol. TT45)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)