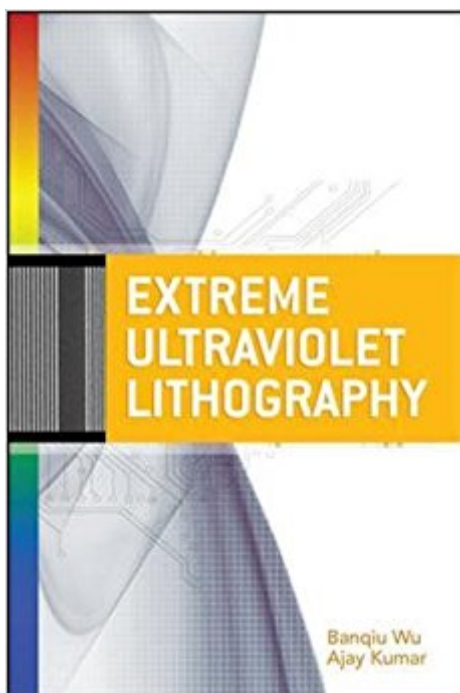


The book was found

# Extreme Ultraviolet Lithography (Electronics)



## Synopsis

Master Extreme Ultraviolet Lithography Techniques Produce high-density, ultrafast microchips using the latest EUVL methods. Written by industry experts, Extreme Ultraviolet Lithography details the equipment, materials, and procedures required to radically extend fabrication capabilities to wavelengths of 32 Å and below. Work with masks and resists, configure high-reflectivity mirrors, overcome power and thermal challenges, enhance resolution, and minimize wasted energy. You will also learn how to use Mo/Si deposition technology, fine-tune performance, and optimize cost of ownership. Design EUVL-ready photomasks, resist layers, and source-collector modules Assemble optical components, mirrors, microsteppers, and scanners Harness laser-produced and discharge pulse plasma sources Enhance resolution using proximity correction and phase-shift Generate modified illumination using holographic elements Measure critical dimensions using metrology and scatterometry Deploy stable Mo/Si coatings and high-sensitivity multilayers Handle mask defects, layer imperfections, and thermal instabilities

## Book Information

Series: Electronics

Hardcover: 482 pages

Publisher: McGraw-Hill Education; 1 edition (April 24, 2009)

Language: English

ISBN-10: 0071549188

ISBN-13: 978-0071549189

Product Dimensions: 6.4 x 1.2 x 9.4 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,612,403 in Books (See Top 100 in Books) #35 in Books > Arts & Photography > Graphic Design > Lithography #91 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State #137 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > VLSI & ULSI

## Customer Reviews

Banqiu Wu, Ph.D., is Chief Technology Officer, Mask Products Division, Applied Materials, Inc. Ajay Kumar, Ph.D., is General Manager, Cleans and Mask Products Business Group, Applied Materials, Inc.

help me a lot. fast and in time. Thin and sharp. Well excellence. Great product. feel very good . my family all need it ,

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

Extreme Ultraviolet Lithography (Electronics) Ultraviolet nanoimprint lithography: Fabrication of ordered nanostructures, integrated optics and electronic devices X-Rays and Extreme Ultraviolet Radiation: Principles and Applications Ultraviolet Danger: Holes in the Ozone Layer (Extreme Environmental Threats) Gray Foxes, Rattlesnakes, and Other Mysterious Animals of the Extreme Deserts (Extreme Animals in Extreme Environments) Polar Bears, Penguins, and Other Mysterious Animals of the Extreme Cold (Extreme Animals in Extreme Environments) Lithography; a complete handbook of modern techniques of lithography Protect Your Life in the Sun: How to Minimize Your Exposure to Ultraviolet Sunlight and Prevent Skin Cancer and Eye Disorders On the linkage of solar ultraviolet radiation to skin cancer: Final report Detection of Light: From the Ultraviolet to the Submillimeter (Cambridge Astrophysics) Detection of Light: From the Ultraviolet to the Submillimeter Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers in Electronics and Computer Science) Hacking Electronics: Learning Electronics with Arduino and Raspberry Pi, Second Edition Scaling and Integration of High-Speed Electronics and Optomechanical Systems (Selected Topics in Electronics and Systems) Science Fair Projects With Electricity & Electronics: Electricity & Electronics The Boy Who Played with Fusion: Extreme Science, Extreme Parenting, and How to Make a Star Extreme Mountain Biking (Extreme Sports No Limits!) Extreme BMX (Extreme Sports No Limits!) Extreme A To Z Find It In The Bible Extreme For Jesus Series

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)