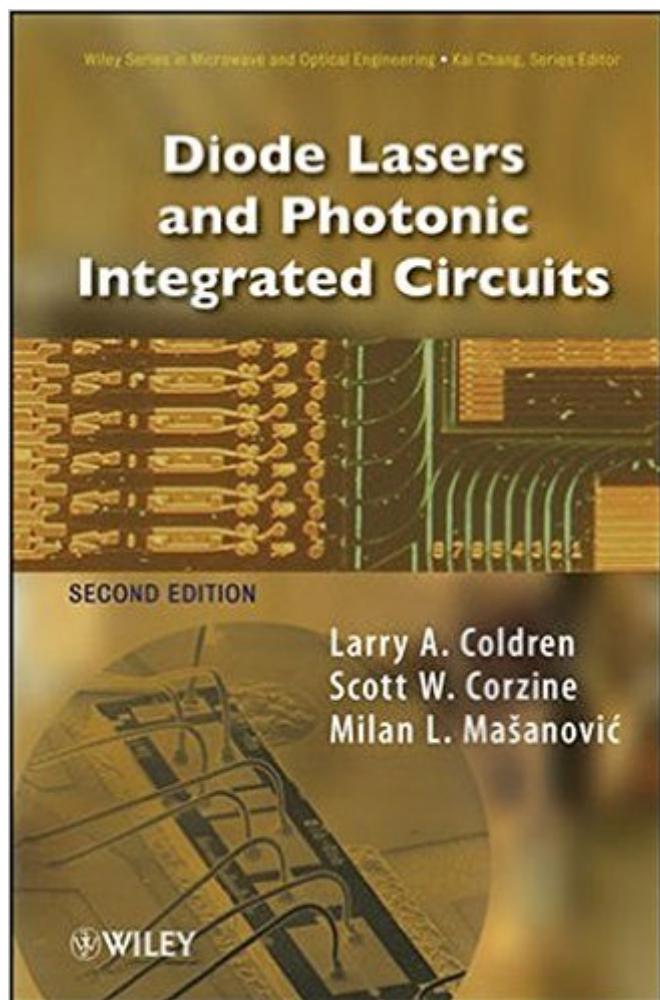


The book was found

# Diode Lasers And Photonic Integrated Circuits



## Synopsis

Diode Lasers and Photonic Integrated Circuits, Second Edition provides a comprehensive treatment of optical communication technology, its principles and theory, treating students as well as experienced engineers to an in-depth exploration of this field. Diode lasers are still of significant importance in the areas of optical communication, storage, and sensing. Using the the same well received theoretical foundations of the first edition, the Second Edition now introduces timely updates in the technology and in focus of the book. After 15 years of development in the field, this book will offer brand new and updated material on GaN-based and quantum-dot lasers, photonic IC technology, detectors, modulators and SOAs, DVDs and storage, eye diagrams and BER concepts, and DFB lasers. Appendices will also be expanded to include quantum-dot issues and more on the relation between spontaneous emission and gain.

## Book Information

Hardcover: 744 pages

Publisher: Wiley; 2 edition (March 20, 2012)

Language: English

ISBN-10: 0470484128

ISBN-13: 978-0470484128

Product Dimensions: 6.5 x 1.6 x 9.6 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 starsÂ  See all reviewsÂ (6 customer reviews)

Best Sellers Rank: #519,357 in Books (See Top 100 in Books) #59 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Integrated #76 in Books > Science & Math > Physics > Light #185 in Books > Science & Math > Physics > Optics

## Customer Reviews

Lucid, broad, deep and error free - a worthy second edition successor to an already amazing first edition. Provides both theoretical insight as well as phenomenological perspective (whichever is our preference) - useful for designers as well as applications scientists. The new sections (e.g. piezoelectric and spontaneous polarization in GaN) are very welcome as are the updated references. I have had the first edition for about 10 years and even after having read it many times, I keep going back to it for reference. Two books that are must haves for anyone in the field of lasers/photonics are this book and the photonics book by S.L.Chuang.

Everybody who knows, knows the worth of this book. This review has more to do with the quality of the shipping. Shipped immediately and in good condition. Thank youFYI, This new edition is every bit worth dropping extra 40 bucks on.. The solved examples inside are very helpful

good . I just want to type it is good, but it needs 19 more words required. The words are enough.

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

Diode Lasers and Photonic Integrated Circuits Photonic Crystals and Light Localization in the 21st Century (Nato Science Series C:) Photonic Crystals and Light Localization in the 21st Century (NATO Science Series C: (closed)) Integrated Theory & Knowledge Development in Nursing, 8e (Chinn, Integrated Theory and Knowledge Development in Nursing) ISO/TR 11146-3:2004, Lasers and laser-related equipment - Test methods for laser beam widths, divergence angles and beam propagation ratios - Part 3: ... propagation and details of test methods ISO 11146-2:2005, Lasers and laser-related equipment - Test methods for laser beam widths, divergence angles and beam propagation ratios - Part 2: General astigmatic beams Principles of Lasers (Library) Directed Energy Weapons: Physics of High Energy Lasers (HEL) American National Standard for Safe Use of Lasers in Health Care ANSI Z136.3 - 2011 Electronics for Kids: Play with Simple Circuits and Experiment with Electricity! CMOS VLSI Design: A Circuits and Systems Perspective (4th Edition) Logical Effort: Designing Fast CMOS Circuits (The Morgan Kaufmann Series in Computer Architecture and Design) Synthesis of Arithmetic Circuits: FPGA, ASIC and Embedded Systems Electricity 1: Devices, Circuits, and Materials A Voice and Nothing More (Short Circuits) The Analysis and Design of Linear Circuits Experiments in Basic Circuits: Theory and Applications Circuits, Signals, and Systems Fontainebleau Climbs: A Guide to the Best Bouldering and Circuits PSpice for Linear Circuits (uses PSpice version 15.7)

[Dmca](#)