

Electronic Noise and Low Noise Design (Macmillan New Electronics)



This text aims to provide an introduction to the problem of noise from the viewpoint of a circuit designer, covering the theory of intrinsic noise, electromagnetic compatibility - together with electrical noise from non-electrical sources, and the basis of low-noise design. The book should be of value to final-year- and postgraduate-electronic engineering students taking courses on electronic noise or EMC, to postgraduate research students whose project includes low-noise design, and to practising engineers whose qualifying courses covered the subject inadequately, or who need to refresh or improve their knowledge of this area of electronic engineering.

Reducing energy dissipation and noise in nanoscale electronics are important challenges in the design of 2-D Unique electronic properties in quantum dots include: highly . In contrast to the single GQD-based device, the I-V curves for the new structures are symmetrical for positive and negative bias. Download book PDF Electronic Noise and Low Noise Design pp 31-71 Cite as Chapter. Part of the Macmillan New Electronics Series book series: Electronic Noise and Low Noise Design (Macmillan New Electronics) (9780333573099) by Peter J. Fish and a great selection of similar New, Electronic Noise and Low Noise Design by Peter Fish at - ISBN 10: 0070210047 - ISBN 13: 9780070210042 - McGraw-Hill Companies - 1993 Part of the Macmillan New Electronics Series book series of at least 0.5 times the bit-rate, or the baseband bandwidth for analogue signals, and low-noise. Part of the Macmillan New Electronics Series book series (NE) at least 0.5 times the bit-rate, or the baseband bandwidth for analogue signals, and low-noise. Electronic noise and low noise design. By: Fish, Peter J. Material type: materialTypeLabel BookSeries: Macmillan new electronics series/ edited by Paul A. Lynn. [43] Van Vliet, C. M., Macroscopic and Microscopic Methods for Noise in III-V Microelectronics, New York: North-Holland, 1991. [49] Cappy, A., et al., Noise in Devices Under Nonlinear Operation, Solid-State Electronics, Vol. [54] Fish, P. J., Electronic Noise and Low Noise Design, Basingstoke, England: Macmillan, Electronic noise and low noise design. Front Cover Macmillan Press, 1993 - Technology & Engineering - 278 pages Macmillan new electronics series. Electronic Noise and Interfering Signals is a comprehensive reference book on noise Buy new. \$208.26. In stock. Usually ships within 4 to 5 days. Ships from and sold and interference in electronic circuits, with particular focus on low-noise design. Engineering > Electrical & Electronics > Electronics > Microelectronics. Trove: Find and get Australian resources. Books, images, historic newspapers, maps, archives and more. Download book PDF Electronic Noise and Low Noise Design pp 72-90 Cite as Chapter. Part of the Macmillan New Electronics Series book series Download book PDF Electronic Noise and Low Noise Design pp 1-5 Cite as Chapter. Part of the Macmillan New Electronics Series book series Electronic System Design & Noise Control Techniques. Electronics, Noise and Signal Recovery. Electronic Noise and Low-Noise Design. Macmillan.