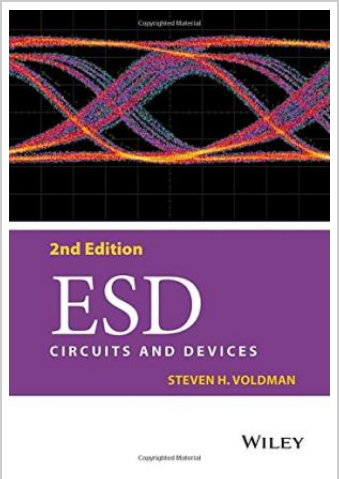

ESD: Circuits and Devices (Hardback)

By Steven H. Voldman

John Wiley Sons Inc, United States, 2015. Hardback. Condition: New. 2nd Revised edition. Language: English . Brand New Book. ESD: Circuits and Devices 2nd Edition provides a clear picture of layout and design of digital, analog, radio frequency (RF) and power applications for protection from electrostatic discharge (ESD), electrical overstress (EOS), and latchup phenomena from a generalist perspective and design synthesis practices providing optimum solutions in advanced technologies. New features in the 2nd edition: * Expanded treatment of ESD and analog design of passive devices of resistors, capacitors, inductors, and active devices of diodes, bipolar junction transistors, MOSFETs, and FINFETs. * Increased focus on ESD power clamps for power rails for CMOS, Bipolar, and BiCMOS. * Co-synthesizing of semiconductor chip architecture and floor planning with ESD design practices for analog, and mixed signal applications * Illustrates the influence of analog design practices on ESD design circuitry, from integration, synthesis and layout, to symmetry, matching, inter-digitation, and common centroid techniques. * Increased emphasis on system-level testing conforming to IEC 61000-4-2 and IEC 61000-4-5. * Improved coverage of low-capacitance ESD, scaling of devices and oxide scaling challenges. ESD: Circuits and Devices 2nd Edition is an essential reference to ESD, circuit semiconductor engineers...

Reviews

These kinds of publication is the ideal pdf offered. It generally is not going to expense too much. I am just delighted to let you know that this is actually the very best book i have go through inside my very own life and might be he finest ebook for ever.

-- ***Mabelle Schoen***

Great e book and beneficial one. It is amongst the most awesome pdf i actually have read through. You wont feel monotony at at any time of your own time (that's what catalogs are for relating to if you request me).

-- ***Dorothy Daugherty***