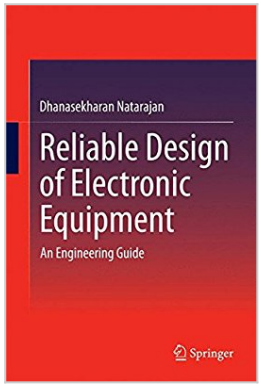

Reliable Design of Electronic Equipment: An Engineering Guide

By Dhanasekharan Natarajan

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This book explains reliability techniques with examples from electronics design for the benefit of engineers. It presents the application of de-rating, FMEA, overstress analyses and reliability improvement tests for designing reliable electronic equipment. Adequate information is provided for designing computerized reliability database system to support the application of the techniques by designers. Pedantic terms and the associated mathematics of reliability engineering discipline are excluded for the benefit of comprehensiveness and practical applications. This book offers excellent support for electrical and electronics engineering students and professionals, bridging academic curriculum with industrial expectations.

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From the Back Cover
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Dhanasekharan Natarajan, electronics engineer from College of Engineering, Guindy, India, obtained his post-graduate in engineering production from the University of Birmingham, UK. His professional achievements at Bharat Electronics and Radiall Protectron include the application of reliability techniques for defense equipment, root cause analysis on electronic component failures, qualification testing of electronic components as per US and Indian military standards and designing and implementing computerized quality management systems. He retired as Assistant Professor from RV College of Engineering, Bangalore.

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