

The book was found

Six Sigma For Electronics Design And Manufacturing (Professional Engineering)



Synopsis

Six Sigma is a customer-based manufacturing approach to realizing fewer defects and thus lowering costs and increasing customer satisfaction. This is a rigorous engineering book detailing the gritty, statistical work involved in making the Six Sigma process work in the electronics industry.

Book Information

Series: Professional Engineering

Hardcover: 364 pages

Publisher: McGraw-Hill Education; 1 edition (May 28, 2002)

Language: English

ISBN-10: 0071395113

ISBN-13: 978-0071395113

Product Dimensions: 6.1 x 1.2 x 8.9 inches

Shipping Weight: 1.5 pounds

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #148,624 in Books (See Top 100 in Books) #22 in [Books > Engineering & Transportation > Engineering > Reference > Measurements](#) #26 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Quality Control](#) #35 in [Books > Business & Money > Management & Leadership > Quality Control & Management > Six Sigma](#)

Customer Reviews

This is a good reference book in case you wonder how electronics manufacturing can be tackled with Six Sigma. It shows interesting examples, insights on the cost structure of a manufactured electronic product, some manufacturability guidelines, good insights on statistics. But be careful. The title of the book does not seem right to me. It is mostly for electronics manufacturing. Design wise, some good tools are shown such as Design of Experiment, but there is so much more around design for Six Sigma that is not presented here (transfer functions, simulations, predicting the performance of your product). In summary: I enjoyed reading this book and it is a good reference. If you are relatively not experienced with Six Sigma, I don't advise you to start right away with this one: it would narrow your scope of improvement areas (even considering the last chapters).

I find the concepts in most 6 Sigma books are not clearly defined and totally connected. It leaves me working hard to figure out the direction and benefits. This book ties it all together in a very simple,

unambiguous and non-threatening way. The applications are self explanatory and intuitive and one does not require an extensive knowledge of statistics to understand and apply the principles. I found this book to be IMMEDIATELY USEFUL and highly recommend it for all Electronics Professionals. It definitely levels the playing field for people who are starting to apply 6 Sigma and reap its benefits.

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

Lean Six Sigma: and Lean QuickStart Guides - Lean Six Sigma QuickStart Guide and Lean QuickStart Guide (Lean Six Sigma For Service, Lean Manufacturing) Six Sigma for Electronics Design and Manufacturing (Professional Engineering) Lean Six Sigma: The Ultimate Beginners Guide - Learn Everything You Need To Know About Six Sigma And Boost Your Productivity! (Lean, Six Sigma, Quality Control) Lean Six Sigma: The Ultimate Guide To Lean Six Sigma With Tools For Improving Quality And Speed! (Lean, Six Sigma, Quality Control) Six Sigma for Managers: 24 Lessons to Understand and Apply Six Sigma Principles in Any Organization (The McGraw-Hill Professional Education Series) Re-Engineering the Manufacturing System: Applying The Theory of Constraints (Manufacturing Engineering and Materials Processing Series, Vol. 47) Lean Six Sigma for Service : How to Use Lean Speed and Six Sigma Quality to Improve Services and Transactions Six Sigma for Financial Services: How Leading Companies Are Driving Results Using Lean, Six Sigma, and Process Management Lean Six Sigma: Value Stream Mapping: Simplified Beginner's Guide to Eliminating Waste and Adding Value with Lean (Lean, Six Sigma, Quick Start Beginner's Guide, Quality Control) Lean Six Sigma For Beginners, A Quick-Start Beginner's Guide To Lean Six Sigma ! - Lean Six Sigma For Beginners: A Quickstart Beginner's Guide To Lean Six Sigma Lean Six Sigma: Combining Six Sigma Quality with Lean Production Speed Lean Six Sigma QuickStart Guide: A Simplified Beginner's Guide to Lean Six Sigma The Six Sigma Project Planner : A Step-by-Step Guide to Leading a Six Sigma Project Through DMAIC Lean Six Sigma QuickStart Guide: The Simplified Beginner's Guide to Lean Six Sigma Certified Six Sigma Green Belt Exam Secrets Study Guide: CSSGB Test Review for the Six Sigma Green Belt Certification Exam Certified Six Sigma Black Belt Exam Secrets Study Guide: CSSBB Test Review for the Six Sigma Black Belt Certification Exam Transactional Six Sigma and Lean Servicing: Leveraging Manufacturing Concepts to Achieve World-Class Service LEAN: Lean Bible - Six Sigma & 5S - 3 Manuscripts + 1 BONUS BOOK (Lean Thinking, Lean Production, Lean Manufacturing, Lean Startup, Kaizen) Lean: QuickStart Guide - The Simplified Beginner's Guide To Lean (Lean, Lean Manufacturing, Lean Six Sigma, Lean Enterprise)

[Dmca](#)