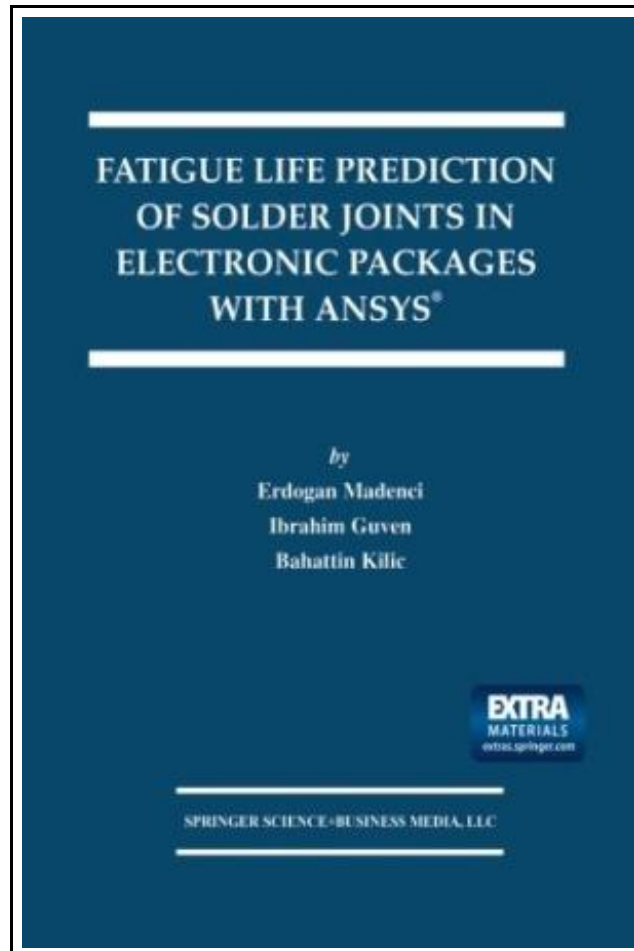


Fatigue Life Prediction of Solder Joints in Electronic Packages with Ansys®



Filesize: 3.75 MB

Reviews

Here is the finest publication i have read through until now. I am quite late in start reading this one, but better then never. I am just easily can get a pleasure of studying a created publication.
(Morgan Bashirian)

FATIGUE LIFE PREDICTION OF SOLDER JOINTS IN ELECTRONIC PACKAGES WITH ANSYS®

[DOWNLOAD](#)

Book Condition: New. Publisher/Verlag: Springer, Berlin | Fatigue Life Prediction of Solder Joints in Electronic Packages with ANSYS® describes the method in great detail starting from the theoretical basis. The reader is supplied with an add-on software package to ANSYS® that is designed for solder joint fatigue reliability analysis of electronic packages. Specific steps of the analysis method are discussed through examples without leaving any room for confusion. The add-on package along with the examples make it possible for an engineer with a working knowledge of ANSYS® to perform solder joint reliability analysis. Fatigue Life Prediction of Solder Joints in Electronic Packages with ANSYS® allows the engineers to conduct fatigue reliability analysis of solder joints in electronic packages. | Preface. List of Commands. List of Tables. List of Figures. 1: Introduction. 1.1. Numerical Modeling with Finite Element Analysis. 1.2. Constitutive Relations. 1.3. Failure Prediction. 1.4. References. 2: Thermomechanical Fatigue Life Prediction Analysis. 2.1. Approach. 2.2. Analysis Steps. 2.3. Case Study: BGA-Type Package. 2.4. References. 3: Mechanical Bending Fatigue Life Prediction Analysis. 3.1. Approach. 3.2. Analysis Steps. 3.3. Case Study: BGA-Type Package. 3.4. References. 4: Macro Reference Library. 4.1. Overview. 4.2. Preprocessor. 4.3. Solution. 4.4. Postprocessing. 4.5. References. Appendix A: Installation and Execution. A.1: Steps for ReliANS Installation on a PC Platform. A.2: Steps for Adding Working Directories for Use in ReliANS. A.3: Demonstration of ReliANS Installation and Adding New Directories. A.4: Installation of ReliANS on UNIX Systems. Appendix B: Input Listings for Case Studies. B.1: Input Listing for the Case Study Given in Chapter 2. B.2: Input Listing for the Case Study Given in Chapter 3. Index. | Format: Paperback | Language/Sprache: english | 185 pp.



[Read Fatigue Life Prediction of Solder Joints in Electronic Packages with Ansys® Online](#)



[Download PDF Fatigue Life Prediction of Solder Joints in Electronic Packages with Ansys®](#)

See Also



A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic....

[Save eBook »](#)



The Right Kind of Pride: A Chronicle of Character, Caregiving and Community (Paperback)

Right Kind of Pride, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.After 20 years of marriage author Christopher Cudworth and his...

[Save eBook »](#)



Woodcarving: A Complete Course

Guild of Master Craftsman Publications Ltd. PAPERBACK. Book Condition: New. 0946819041 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good...

[Save eBook »](#)



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality...

[Save eBook »](#)



The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3 (Paperback)

Createspace, United States, 2012. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.After six years as a private investigator, Stacey Alexander has the strangest day...

[Save eBook »](#)