the SOLUTIONS report

DfR Solutions
reliability designed, reliability delivered
Visit our website now!

DfR Solutions Summer Reading List!

It's hard to believe that summer is almost over. But before you put away your beach chair and flip flops, here are a few 'good reads' for you. You'll find the most popular articles and webinars based on your interest. And don't worry; we won't make you do a book report come September!

Must Read List

1. **Using Physics of Failure to Predict System Level Reliability for Avionic Electronics** – Greg Caswell
2. **Instability, Metastability, or Failure: Assessing the Reliability of 28nm FPGA Technology –** Ed Wyrwas
3. **Design for Reliability with Computer Modeling –** Cheryl Tulkoff and Randy Schuller
4. **17 Equations that Changed the Course of History, Part 1 and Part 2 -**Greg Caswell
5. **Reach for the Sky –** Craig Hillman

Looking for a little light reading? See which papers have been the most popular among your colleagues.

Don't Miss these Webinar Recordings

1. Reliability of Next Generation ICs: CPU, GPU, and FPGAs
2. Thermo-Mechanical Reliability and the Latest Prediction Tools
3. Reliability of Power Modules
4. Reliability Communications: MTBF. Is there a Better Way?
5. Root Cause Analysis of HALT Failures
6. Shock Related Failures and Fatigue of Electronics

Visit the DfR Solutions website to view the slides for each of the above webinars

Everyone's Clicking Here

1. The DfR Solutions Team
2. Sherlock Automated Design Analysis™ Software

Get Your Free Ticket

Sign Up Now for a Free

Three Week Trial!
Sherlock Automated Design Analysis™ software

We'll Meet You There!

Aug 21: WEBINAR: Parts Wizard Patterns with Sherlock

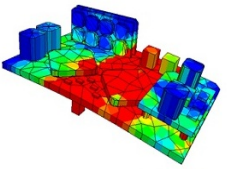
Sept 28-Oct 2: SMTAI, Rosemont, IL
Oct 13-16: IMAPS, San Diego, CA

Must See Video

Mark Your Calendars!
Parts Wizard Paterns with Sherlock
Thursday, August 21, 2014
11:00am EDT and 2:00pm EDT
Gil Sharon, Presenter
Register for the 11:00 am session
Register for the 2:00pm session

SHERLOCK in 3D!

Click the image below to view a short video about **Sherlock's New 3D Capabilities.**



3. See How Sherlock Works
4. Electronics Design Reliability White Papers
5. Read our Publications

Right is a list of the top most clicked pages on our website. See what everyone else is clicking.

Some Other Interesting Summer Reading

Learn about **Gold Embrittlement In Lead-Free Solder** written by Craig Hillman, Nathan Blattau, Joelle Arnold, Thomas Johnston, and Stephanie Gulbrandsen of DfR Solutions and Julie Silk and Alex Chiu of Agilent Technologies, published in the ***SMTA International Conference Proceedings***.
Cheryl Tulkoff had an article on **Design for Manufacturing** published in ***DPS Magazine***, an industry publication in the Czech Republic.
Read about disk drive failures in Craig Hillman's article **Leave No Technology Behind** in the July issue of ***IEEE Consumer Electronics Magazine***.
Non-Functional Pads: Should They Stay or should They Go? written byCheryl Tulkoff and Greg Caswell was published in the June issue of ***PCD&F/Circuits Assembly*** magazine.

Sherlock User Forum

To better accommodate the users of Sherlock Automated Design Analysis™ software, DfR Solutions has established a User Forum which will provide insight in FAQs, discussions on Sherlock releases, Feature requests, Tips and Tricks, and also where you, the user, can input your experiences.
Please go to **Sherlock User Forum**. Once you enter your information you will need to wait for DfR confirmation.

View short video

SHERLOCK Demo

sherlock
AUTOMATED DESIGN ANALYSIS™
Take the Sherlock Demo

On Location

At DfR Solutions we still believe that personal relationships are best. Our Senior Staff spend a lot of time visiting clients in order to personally ensure that their projects are going well and discussing their overall reliability needs.
If you would like a personal visit from DfR Solutions, please **Contact Us**.

Reach Your Colleagues

Learn how your business can reach more than 12,000 electronics professionals.
Contact Us.