

Sherlock User Forum

To better accommodate the users of DfR's Sherlock software, DfR 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 <http://forum.dfrsolutions.com>. Once you enter your information you will need to wait for DfR confirmation.



UPCOMING EVENTS

May 20 -23: IPC ESTC Conference, Las Vegas, NV

May 28 -31: ECTC Conference, Las Vegas, NV

June 3- 5: Navy Opportunity Forum, Crystal City, VA

June 4: PERM17, Woburn, MA

June 5 -7: Applied Reliability Symposium, Minneapolis, MN

All Events...

DfR Webinar Series –Part Quality: How to Test, When to Test, and What Does it all Mean?



Greg Caswell presented the DfR approach for determining the appropriate testing methodology with respect to several different component/part technologies, the stresses they may see during their use environment, and the potential failure modes a

testing activity might uncover. If you missed this valuable webinar, you can still enjoy it at the DfR website and can download the slide presentation. For more information please contact **Greg Caswell**.

IN THE NEWS

Announcing Enhanced Sherlock Release 3.0: 3D functionality, global database, sub-assembly features enable easier analysis of complex boards. **Learn More**

Failure Analysis in Electronics webinar draws a crowd. Presented by Jim McLeish on May 16. **Learn More**

DfR Successfully hosts SMTA Capitol Chapter Meeting at new Beltsville, MD facility. Presents Design for Manufacturing: Challenges & Opportunities. **Learn more**

Meet the DfR Folks!!



Jim McLeish has 35 years of automotive Electrical/Electronics (E/E) experience. He has worked in systems engineering, design, development, production, validation, reliability and quality assurance of both components and vehicle systems. He holds three patents, is the author or co-author of three GM E/E validation and test standards and is credited with the introduction of Physics-of-

Failure engineering techniques to GM. Jim is also a senior member of the ASQ Reliability Division, and a member of the SAE-Automotive Reliability Standards and ISO-26262 Functional Safety Committees.

- MSEE, Automotive Control Systems (Wayne State University)
- BSEE, Electronics Engineering (Lawrence Technological University)

Meet Jim!

View the Demo!

More Articles of Interest: No MTBF? Do you know MTBF?

Reliability engineering is a peculiar profession. Within most organizations, it can be viewed as the annoying traffic cop, having too much control over the engineering process. Often insufficiently scientific for academia (can you count the total number of reliability engineering departments? 10? 20?) and excessively pedantic for industry. And the practice/occupation itself can sometimes seem hopelessly divided between number-obsessed statisticians and touch it/taste it/smell it physicists (or something equivalent).

Read more of Craig Hillman's regular column in **Global SMT & Packaging on Page 26 of the May issue.**

Printed Circuit Design Magazine



Check the back page of Printed Circuit Design & Fab Circuits Assembly magazine to see the abstract regarding Randy Schueller's presentation

"Leveraging Existing Market Knowledge to Ensure a Successful Transition to Lead-Free Medical Products," which was presented at the

MEPTEC Conference. The article says Greg Caswell

(error) and should credit Randy. For more information on this important topic please contact **Randy Schueller**.

Auto Industry Making Strides with DfR's Help!!

Warrant Week magazine's article on how the auto companies efforts at improving product reliability are resulting in the lowest warranty rates in decades. Of course less warranty costs means more profits. DfR Solution's Jim McLeish works with many auto companies and their suppliers to help contribute to this improving reliability situation. **Read the article here** and contact **Jim McLeish** if you are interested in achieving the same results



EMPLOYMENT

Manufacturing Quality Engineer (full-time)
Manufacturing quality subject matter experts (SME) are needed to support the Department of Defense (DoD) in the area of systems engineering. For more information on this and other opportunities, please visit our website.

Learn how your business can reach more than 12,000 electronics professionals. [Contact Us.](#)