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Minnetronix Selects Sherlock Automated Design Analysis™ Software from DfR Solutions

College Park, MD – November 15, 2011 – DfR Solutions, a leader in quality, reliability, and durability (QRD) solutions for the electronics industry, today announced that Minnetronix will use Sherlock Automated Design Analysis™ software supplied by DfR Solutions to improve their medical device product design.

Sherlock is the first-of-its-kind Automated Design Analysis™ software for analyzing, grading, and certifying the expected reliability of products at the circuit card assembly level. The software's intuitive commands and ease of use enable usage among a broad range of engineers and managers, where rapid results provide almost immediate feedback on product performance in the hands of the customer.

“The Sherlock tool is one of the first reliability prediction tools that uses up-to-date information to analyze the stresses placed on electronic assemblies to predict likely failure points in the assembly. At Minnetronix, we design electronics for medical devices. Rarely can we afford to build the many modules required for accurate reliability testing. With the Sherlock tool, we can quickly and accurately analyze thermal and mechanical stress on a circuit assembly and use the information to improve our designs without the expense of repeated reliability testing,” says Lori Lucke, Principal Systems Engineer at Minnetronix.

Sherlock Automated Design Analysis™ is an innovative software tool that enables electronics manufacturers to design-in product reliability earlier in the product development process contributing to quicker time to market, reduced development costs, improved customer satisfaction, and higher profits.

“We are pleased to add Minnetronix to our growing list of leading manufacturers using Sherlock to develop better, more reliable products quicker and more efficiently,” notes Craig Hillman, PhD, CEO and founder of DfR Solutions. “By incorporating elements of Physics-of-Failure, this tool allows organizations to continue to develop cutting-edge designs while incorporating the highest reliability. The response to this tool has been fantastic, with especially strong interest from innovative Medical Device companies like Minnetronix, among other high-tech industries.”

About Minnetronix:

Minnetronix provides product design, development and manufacturing services to the medical device and life science marketplaces. As a recognized industry leader, Minnetronix incorporates custom electronic, mechanical and software engineering into Class II and III finished devices ranging from cardiovascular and monitoring systems, therapeutic and implantable devices, and diagnostic instruments.

During Minnetronix' 15-year history, the company has successfully led 150 design and manufacturing projects for over 100 firms varying from small start-ups to large established firms. Included in a broad base of customers is 3M, Cleveland Clinic, HeartWare, MEDRAD, Medtronic, Penn State, St. Jude Medical, and numerous others. To learn more about the Minnetronix visit www.minnetronix.com.

About DfR Solutions, LLC:

DfR Solutions has world-renowned expertise in applying the science of Reliability Physics to electrical and electronics technologies and is a leading provider of quality, reliability, and durability (QRD) research and consulting for the electronics industry. The company's integrated use of Physics of Failure (PoF) and Best Practices provides crucial insights and solutions early in product design and development and throughout the product life cycle. DfR Solutions specializes in providing knowledge- and science-based solutions to maximize and accelerate the product integrity assurance activities of their clients in every marketplace for electronic technologies (consumer, industrial, automotive, medical, military, telecom, oil drilling, and throughout the

electronic component and material supply chain). For more information regarding DfR Solutions, visit www.dfrsolutions.com.

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