FOR IMMEDIATE RELEASE

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PRESS RELEASE

Digi-Key Launches a BOM MTBF Prediction Service Empowered by BQR Reliability Digital Solutions

THIEF RIVER FALLS, Minnesota, USA – Digi-Key Electronics, a global electronic components distributor, and BQR Reliability Engineering Ltd, a worldwide leader of Reliability and Maintenance Engineering solutions, present a collaboration to deliver a simple yet powerful Mean Time Between Failure (MTBF) calculator to support Digi-Key's global customers.

Digi-Key has undertaken this venture to enable efficient and cost-effective use of BQR's software solution in a SaaS mode to evaluate products' Bill of Materials (BOM) MTBF.

"The new BOM MTBF application will enable Digi-Key customers to easily compare different BOMs MTBF, making sure the design meets the reliability goal early in the design process, before manufacturing," said Yizhak Bot, Founder and CTO of BQR Reliability Engineering. "With Pareto reports showing the most unreliable components, it will ensure the selection of components that balance reliability and cost. It will also provide measures for warranty analysis, design reviews, tenders, product data sheets, and design trade-offs."

This tool makes it easy and quick to calculate MTBF for BOMs of any size. All one needs to do is export the BOM file and click on "Launch Calculator" on the Digi-Key website and see the magic happen immediately. The online application includes a library smart data auto-complete for BOM components using AI, fast calculation engine, and detailed Pareto and graphic reports. This calculator is not only easy to use, but also 100% secure where the components library and results are saved on the user's desktop (not on BQR server).

Users can also conduct quick "What If" analyses, checking how a components quality level will increase the product MTBF.

"Digi-Key is excited to launch this new MTBF calculator which enables customers to see the component dependencies that their circuits are relying on and helps them determine the best mix of parts to use," said Randall Restle, VP, Applications Engineering at Digi-Key. "Digi-Key and BQR want to make it fast and easy for customers to achieve their design and end-product goals."

To launch the calculator, please visit the Digi-Key website.

About BQR Reliability Engineering Ltd

BQR Reliability Engineering Ltd is a worldwide leader in Reliability Engineering software and services for the electronic industry since 1989. BQR performed more than 3000 projects for global customers in various industries and gained much knowledge on how electronic systems operate and fail. This drove BQR to develop unique technologies such as the **fiXtress**, which conducts Automated Design Review improving products robustness and reliability.

The fiXtress is a plug-in module for E-CAD systems allowing engineers to detect hidden design error in schematics by simulation rather than in testing. The design errors/aspects that fiXtress covers are functional, electrical over stress, thermal, safety, testability and redundancy.

In addition, BQR developed the CARE (Computer Aided Reliability Engineering) and the apmOptimizer performing Predictive Maintenance optimization based on sensors readout and AI (Artificial Intelligence), reducing downtime and increasing manufacturing capabilities and assets owner's profit.

For more information visit www.bqr.com.

About Digi-Key Electronics

Digi-Key Electronics, headquartered in Thief River Falls, Minn., USA, is an authorized global, full-service distributor of electronic components, offering more than 8.4 million products, with over 1.6 million in stock and available for immediate shipment, from over 750 quality name-brand manufacturers. Digi-Key also offers a wide variety of online resources such as EDA and design tools, datasheets, reference designs, instructional articles and videos, multimedia libraries, and much more. Technical support is available 24/7 via email, phone and webchat. Additional information and access to Digi-Key's broad product offering can be found by visiting www.digikey.com.

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