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**FOR IMMEDIATE RELEASE**

**Q-Star's Multi-Site Test Solutions Reduce Cost by Up to 90% Even As They Improve Test Quality**

**Brugge, Belgium — August 23, 2011**

Q-Star Test, a Belgium-based supplier of innovative precision test and measurement instrumentation, has announced a breakthrough in reducing the cost of quiescent supply and ground current measurements testing (IDDQ and ISSQ, respectively) through its new multi-site test optimized products. The QH-10xx (small form factor), QD-12xx (dual channel), and QD-13xx (triple channel) products offer a 70 to 90% footprint reduction and cost savings of 55 to 85% compared to equivalent individual measurement modules, and support a methodology that can decrease IDDQ/ISSQ test time by as much as 90%.

These new compact single- and multi-channel measurement instruments are tailored for multi-site IDDQ and ISSQ test applications, and are based on Q-Star's widely adopted QD-10xx product family that provides very fast and highly repeatable current measurements. The QD-10xx instruments have been deployed by more than 70 customers worldwide. All Q-Star modules are delivered with a standard or customized communication interface, enabling a smooth integration in virtually any test environment.

Dr. Hans Manhaeve, Ph.D., President and CEO of Q-Star Test, said, "We have a number of customers, such as Infineon, Freescale and Dialog Semiconductor, who already benefit not only from a vast improvement in IDDQ test time by running multiple sites in parallel, but also realize a ten-fold improvement in measurement repeatability compared to traditional integrated circuit testers. With our new modules, customers can now also conserve valuable load-board real estate and equipment cost while enjoying the finest available quality of measurement."

The QH-10xx, QD-12xx and QD-13xx products are available immediately and may be obtained from Q-Star's network of representatives around the world, including in North America from Q-Star's partner, Ridgetop Group Inc., of Tucson, AZ, USA.



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### ***About Q-Star Test***

Founded in 2000, Q-Star Test is a Belgium-based global leader in advanced high-speed, high-accuracy current test and measurement solutions. The company offers IDD<sub>X</sub> measurement instruments and related solutions, supporting a cost-effective application of true IDD<sub>Q</sub>, delta-IDD<sub>Q</sub>, advanced IDD<sub>Q</sub>, IDD<sub>T</sub>, and analog IDD test strategies to digital, analog, and mixed-signal circuits, enabling customers to considerably lower the cost of testing and at the same time improve product quality. Q-Star Test's small-sized instruments are ATE-independent and outperform other available ATE-related IDD test hardware by at least a factor of 100 (with respect to measurement speed). In addition, Q-Star products offer a 10x improvement in test data quality (with respect to measurement resolution and repeatability), and serve a wide range of applications, including: Standard and advanced IDD<sub>Q</sub>/ISS<sub>Q</sub> tests; standby, power-down, bias and average current measurements; analog DC; low frequency current measurements; dynamic and transient (IDD<sub>T</sub>) current tests, power profiling of circuits and systems; active current consumption; and E-fuse programming validation.

For more information, please visit [www.QStar.be](http://www.QStar.be) or contact:

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