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Energous and Atmosic Announce Evaluation Kit Supporting Over-the-Air Wireless Power Transfer Solutions

Evaluation Kit enables battery-free and long-life battery IoT applications through wireless power transfer

SAN JOSE, Calif. & CAMPBELL, Calif.--(BUSINESS WIRE)-- [Energous Corporation](#) (Nasdaq: WATT), a leading developer of RF-based charging for wireless power networks, and [Atmosic Technologies](#), an innovator in energy harvesting wireless platforms for the Internet of Things (IoT), today announced the Wirelessly-Charged Sensor Evaluation Kit featuring Atmosic's ATM3 energy harvesting Bluetooth Low Energy System-on-Chip (SoC) solution and Energous' FCC-certified 1W WattUp PowerBridge transmitter. As members of the AirFuel Alliance, the newly announced evaluation kit further expands the partnership between Atmosic and Energous by showcasing the interoperability in the delivery of an out-of-the-box battery-free sensor solution.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20220330005127/en/>



Energous / Atmosic Wirelessly-Charged Sensor Evaluation Kit (Photo: Business Wire)

“As the size of the IoT ecosystem continues to rapidly expand, providing these billions of devices with reliable wireless power is critical,” said Cesar Johnston, CEO of Energous. “This evaluation kit will provide our customers with the fundamental building blocks that can be implemented and customized to create WattUp wireless power networks and support the customer specific application needs.”

The IoT ecosystem continues to expand rapidly and is expected to grow from 12 billion devices today to nearly 40 billion by 2025 [according to IDC](#). Billions of these devices are fueled by batteries that require replacement, or are powered by cumbersome charging cables and cords that both present logistical problems and hidden costs to IT teams in any large-scale IoT deployment. The evaluation kit from Atmosic and Energous aims to help solve these challenges with a wireless IoT sensor network solution that never needs a battery replacement. The kit features two Bluetooth LE radio frequency (RF) harvesting sensor modules which transmit real-time temperature, humidity, and acceleration readings to the Energous WattUp Application while operating from energy harvested at distances of 2 meters from the WattUp transmitter making this solution ideal for applications including industrial IoT, healthcare, and retail operations.

“Together with Energous, we are developing and offering solutions that alleviate the battery maintenance concerns and implementation cost that holds back many of the advanced IoT deployments needed by companies today,” said David Su, CEO of Atmosic Technologies. “The combination of our BLE with power harvesting capabilities and Energous’ FCC-certified 1W transmitter will open up over-the-air wireless power transfer for a variety of our customers’ IoT applications.”

Included in the Wirelessly-Charged Sensor Evaluation Kit:

- Energous 1W WattUp Transmitter (1)
- Atmosic Energy Harvesting Sensor Modules (2)
- Mobile Application for Sensor Monitoring and Transmitter Control

The Wirelessly-Charged Sensor Evaluation Kit will be available for \$500 USD from both Atmosic and Energous in Q2 2022.

To learn more about Energous, please visit Energous.com or follow the company’s corporate pages on [Twitter](#), [Facebook](#) and [LinkedIn](#). To learn more about the Atmosic Technologies, please visit Atmosic.com or follow the company on [Twitter](#) and [LinkedIn](#).

About Energous Corporation

Energous Corporation (Nasdaq: WATT) is the Wireless Power Network global leader. Its award-winning WattUp® solution is the only technology that supports both contact and distance charging through a fully compatible ecosystem. Built atop fast, efficient, and highly scalable RF-based charging technology, WattUp is positioned to offer improvements over older, first-generation coil-based charging technologies in power, efficiency, foreign device detection, freedom of movement and overall cost for industrial and retail IoT, smart homes, smart cities and medical devices. Energous develops silicon-based wireless power transfer (WPT) technologies and customizable reference designs, and provides worldwide regulatory assistance, a reliable supply chain, quality assurance, and sales and technical support to global customers. The company received the world’s first FCC Part 18 certification for at-a-distance wireless charging and has been awarded over 200 patents for its WattUp wireless charging technology to-date.

Safe Harbor Statement

This press release contains “forward-looking statements” within the meaning of the

Securities Act of 1933, as amended, the Securities Exchange Act of 1934, as amended, and the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact included in this press release are forward-looking statements. Forward-looking statements may describe our future plans and expectations and are based on the current beliefs, expectations and assumptions of Energous. These statements generally use terms such as “believe,” “expect,” “may,” “will,” “should,” “could,” “seek,” “intend,” “plan,” “estimate,” “anticipate” or other similar terms. Examples of our forward-looking statements in this release include, but are not limited to, our statements about the future of the global wireless charging industry, statements based on third parties’ market analyses and statements about our technology and its expected functionality. Factors that could cause actual results to differ from current expectations include: uncertain timing of any necessary regulatory approvals; timing of customer product development and market success of customer products; our dependence on distribution partners; and intense industry competition. We urge you to consider those factors, together with the other risks and uncertainties described in our most recent annual report on Form 10-K as filed with the Securities and Exchange Commission (SEC), any subsequently filed quarterly reports on Form 10-Q, as well as any other documents that may have been subsequently filed by Energous, from time to time, with the SEC, in evaluating our forward-looking statements. In addition, any forward-looking statements represent Energous’ views only as of the date of this release and should not be relied upon as representing its views as of any subsequent date. Energous does not assume any obligation to update any forward-looking statements unless required by law.

About Atmosic Technologies

Atmosic™ Technologies is an innovative fabless semiconductor company, designing ultra-low power wireless and energy harvesting solutions to dramatically reduce and disrupt device dependency on batteries, aiming to deliver forever battery life and the battery free connected Internet of Things. The company’s products enable the IoT device ecosystem—designers and manufacturers, as well as end users and those responsible for deployments—to dramatically lower costs and efforts associated with maintaining the growing Internet of Things in Personal, Home, Auto, Healthcare, Industrial, Enterprise and Smart Cities segments. In addition to these tangible business advantages, Atmosic aims to reduce ecological impacts with its vision of dramatically reduced battery consumption in the Internet of Things.

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