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NEWS RELEASE

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Richardson RFPD Announces Availability and Support for New 100 W and 300 W Power Amplifier Evaluation Boards for Wireless Power Transfer from GaN Systems

Designed for the wireless charging market for high-power consumer, industrial, and transport applications

October 24, 2018 – Geneva, Ill.: Richardson RFPD, Inc. announced today the availability and full design support capabilities for two new evaluation boards from GaN Systems Inc.

The new power amplifiers are designed for the growing wireless charging market and feature gallium nitride (GaN) technology that enables smaller, lighter, lower-cost, and more efficient power systems.

The 100 W power amplifier ([GSWP100W-EVBPA](#)) is ideal for applications in the consumer market, including items such as laptop computers, recreational drones, domestic assistant robots, power tools, and fast-charging of multiple smart phones.

The 300 W power amplifier ([GSWP300W-EVBPA](#)) is targeted for the industrial and transportation markets for applications including delivery drones, warehouse robots, medical units, factory automation, contractor power tools, eBikes and scooters.

Both power amplifiers offer a range of features, including current or voltage control, built-in protection circuitry, EMI filtering, and configurable output power. The amplifiers combine GaN Systems power transistors with high-frequency GaN E-HEMT drivers from pSemi.

Additional key features of the [new PA evaluation boards](#) include:

- 6.78 MHz frequency
- Up to 100 W and 300 W transmit output power
- >90% peak efficiency
- Configurable: voltage mode, current mode, single-ended



- Accompanied by a User's Guide that includes the evaluation board schematic, circuit description, a quick start guide, and measurement results.

To find more information, or to purchase these products today online, please visit the [100 W & 300 W Power Amplifier Evaluation Boards for Wireless Power Transfer](#) webpage. The evaluation boards are also available by calling 1-800-737-6937 (within North America); or please find a local sales engineer (worldwide) at [Local Sales Support](#). To learn about additional products from GaN Systems, please visit the [GaN Systems storefront](#) webpage.



About Richardson RFPD

Richardson RFPD, an Arrow Electronics company, is a global leader in the RF, wireless, IoT and power technologies markets. It brings relationships with many of the industry's top radio frequency and power component suppliers. Whether it's designing components or engineering complete solutions, Richardson RFPD's worldwide design centers and technical sales team provide comprehensive support for customers' go-to-market strategy, from prototype to production. More information is available online at www.richardsonrfpd.com.

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