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NEWS RELEASE

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Richardson RFPD Introduces New Family of 650 V GaN E-HEMTs from GaN Systems

GS-065-0xx-1-L available as 3.5 A, 8 A, and 11 A devices

March 26, 2019 – Geneva, Ill.: Richardson RFPD, Inc. announced today the availability and full design support capabilities for a [new family](#) of 650 V GaN E-HEMTs from GaN Systems Inc.

The GS-065-0xx-1-L devices are ideal for low power applications, including charging, power supplies, lighting and appliances. They feature:

- Industry standard 5 mm x 6 mm PDFN packages
- Assembly using standard SMT process
- Scalable: 3.5 A to 11 A in the same footprint
- Fast, clean switching speed
- High switching frequency (20 MHz+)
- Low switching losses
- Low EMI
- High efficiency
- Kelvin sense
- Zero Qrr
- Bottom side cooling

Additional key features of the GS-065-0xx-1-L include:

Part Number	Voltage (V)	Current $R_{DS(on)}$	Package / Size (mm)
GS-065-004-1-L	650	3.5 A 500 m Ω	5 x 6 PDFN
GS-065-008-1-L	650	8 A 225 m Ω	5 x 6 PDFN
GS-065-011-1-L	650	11 A 150 m Ω	5 x 6 PDFN



To find more information, or to purchase this product today online, please visit the [GS-065-0xx-1-L webpage](#); 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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