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NEWS RELEASE

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Richardson RFPD Introduces New 174–512 MHz Tunable Bandpass Filter from NewEdge Signal Solutions

Designed for extended UHF band in tactical communications applications

December 18, 2018 – Geneva, Ill.: Richardson RFPD, Inc. announced today the availability and full design support capabilities for a new tunable bandpass filter from NewEdge Signal Solutions, Inc.

The [SAX270](#) electronically-tunable bandpass filter is designed for the extended UHF band in tactical communications applications. NewEdge has used a breakthrough approach to achieve the filter's extremely small size and over-molded plastic packaging.

Additional key features of the [SAX270](#) include:

- Package size: 0.5 x 0.45 x 0.175 inches
- Insertion loss: 4.3 dB typical
- Noise figure: < .5 dB above insertion loss
- Power handling: +27 dBm P1dB
- DC power consumption: < 100 mW typical

An evaluation board (SAX270_EVB) is [also available](#).

The combination of size and RF performance with low DC power consumption makes this filter ideal for high-performance embedded applications where board size is constrained, such as handheld and manpack radios, as well as radios included in drones and other airborne platforms.

To find more information, or to purchase this product today online, please visit the [SAX270](#) webpage. The device is 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 NewEdge Signal Solutions, please visit the [NewEdge Signal Solutions storefront](#) webpage.



About Richardson RFPD

Richardson RFPD, an Arrow Electronics company, is a global leader in the RF and wireless communications, power conversion and renewable energy 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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