

## PRODUCT RELEASE

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### **RFMW offers True DC to 8GHz Switch from Peregrine**

**1/21/2015 – San Jose, California:** RFMW, Ltd. announces design and sales support for the industry's first RF switch operating at zero Hertz with integrated RF, analog and digital functions. The Peregrine Semiconductor [PE42020](#) SPDT targets T&M and ATE applications with frequency coverage from 0Hz to 8GHz. Capable of handling 30dBm input power at zero Hertz, patented UltraCMOS technology allows 36dBm power handling at 8GHz. The [PE42020's](#) unique ability to handle DC voltage on the RF pins enables engineers to design out lower reliability mechanical relays and MEMS switches with a CMOS semiconductor able to switch complex combinations of DC + RF/analog and digital signals. The Peregrine [PE42020](#) supports a maximum DC or AC peak voltage of +/- 10V on the RF ports providing the ability to pass an offset voltage along with broadband RF for use in IQ modulators, differential circuits or sensitive nulling circuits. This Peregrine switch can be configured as a 50 ohm absorptive or open-reflective switch for varying applications. The [PE42020](#) is provided in a 4x4mm QFN package.

Samples are available for qualified requirements through RFMW, Ltd. at 1-877-FOR RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the [contact page](#) on the [RFMW web site](#).

#### **About RFMW**

RFMW Ltd. is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at [www.rfmw.com](http://www.rfmw.com), or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at [info@rfmw.com](mailto:info@rfmw.com).

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