SPDT Switch supports Wi-Fi 6E and UWB

7/7/2021 – San Jose, California: RFMW announces design and sales support for a Single-Pole, Double-Throw (SPDT) RF switch from pSemi. With operating range from 100 to 8500 MHz, the PE42424 reflective 50 Ohm SPDT RF switch supports bandwidths up to 6 GHz. Designed for use in high power and high performance WLAN 802.11 a/b/g/n/ac applications such as carrier and enterprise Wi-Fi products, the PE42424 provides up to 48 dB port-to-port isolation, 145 nS switching time and can handle 1 Watt of CW power (39 dBm pulsed), all in a compact, 1.5 x 1.5 mm package. IIP2 linearity of 125 dBm guarantees thruput that remains invariant over the full power supply range. The switch does not require blocking capacitors or any external matching components.

Samples are available for qualified requirements through RFMW 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 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, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.

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