500W Transistor supports Commercial and Consumer Cooking

1/24/2019 – San Jose, California: RFMW, Ltd. announces design and sales support for a high-power transistor from Ampleon. The BLC2425M10LS500P is a 32 Volt LDMOS power transistor for use in commercial and consumer cooking, industrial, scientific and medical applications at frequencies from 2400 to 2500 MHz. With 500 W for pulsed and CW applications, the BLC2425M10LS500P has an excellent high power to footprint ratio, housed in a single SOT1250, air-cavity, plastic package. Drain efficiency is 67% with 15 dB gain. Thermal resistance of the package is 0.17 K/W. Combined, this high efficiency minimizes cooling required in the end application and ensures both low energy consumption and low operating costs. Matched on both input and output, this power transistor is able to operate with a 20:1 VSWR load mismatch, through all phases, without damage.

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, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.