Versatile Broadband Amplifier delivers 34 Watts

5/11/2021 – San Jose, California: RFMW announces design and sales support for a MMIC amplifier from Ampleon. The BLM9H0610S-60PG is a dual section, 2-stage power MMIC using Ampleon’s state of the art GEN9 HV LDMMIC technology. Designed for broadband operation, this multiband device is perfectly suited as a general purpose driver or small cell final stages in the frequency range from 600 to 1000 MHz. The BLM9H0610S-60PG delivers > 35 dB of gain and 34 Watts at P1dB power from a 48 VDS supply. It can also deliver 2.4 W PAV with a ~ 45 dBc ACPR (5M), 3GPP, single carrier, W-CDMA test signal. On-chip matching and integrated ESD protection simplify design considerations yet biasing of individual stages is externally accessible for circuit optimization. High section-to-section isolation enables multiple configurations such as push-pull, quadrature, Doherty or even single ended. Available only in a Gull wing, surface mount package.

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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