

***NUWAVES ENGINEERING INTRODUCES 5 WATT L- & S-BAND RADIO
FREQUENCY POWER AMPLIFIER MODULE FOR COMMUNICATIONS,
TELEMETRY AND ELECTRONIC WARFARE MARKETS***

Middletown, Ohio, October 4, 2016 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announced the release of an upgraded miniature RF power amplifier (PA) for L- and S-band transmitters and data radios, the NuPower™ 12A03A model, featuring high power efficiency and dual-band operation in a compact package, is available for immediate shipment.

The NuPower™ 12A03A model, part number NW-PA-12A03A, replaces the NuPower™ Micro Power Amplifier model, part number NW-SSPA-MICRO-5W-1.0-2.5, delivering a minimum of 5 Watts of RF power from 1.0 to 2.5 GHz when driven with a 0 dBm (1 milliwatt) RF input signal. The 12A03A is also available in a 30 dBm (1 Watt) input power level version, allowing plug-and-play use with various data transceivers, such as the L-3 Communications Bandit radio. The PA's upgraded rugged aluminum chassis, at 1.8" x 1.8" x 0.5" in size, maintains the footprint of the original, allowing for drop-in compatibility between the two units, and allows for integration into some of the smallest unmanned aircraft systems (UAS) flying today. Further, the unit features a low current draw of 0.85 A (typ) at +28 VDC, supporting an array of RF communications, telemetry and electronic warfare applications where low power consumption is critical.

“Our second generation Micro PA module has been improved in several areas as a result of the NuWaves’ continuous improvement mindset,” said Jeff Wells, President and CEO of NuWaves Engineering. “The NuWaves’ team has done an excellent job refining the design and improving many aspects of the manufacturing process for this product, allowing us to better support the Warfighter through shortened production schedules.”

NuWaves Engineering is a veteran-owned, premier supplier of RF and Microwave solutions for Department of Defense (DoD), government, and industrial customers. An RF engineering powerhouse, NuWaves offers a broad range of design and engineering services related to the development and sustainment of key communications, telemetry and electronic warfare systems, as well as a complete line of commercially available RF products. NuWaves’ products include wideband frequency converters, high-efficiency and miniature solid state power amplifiers and bidirectional amplifiers, high intercept low noise amplifiers and miniature RF filters. NuWaves Engineering...Trusted RF Solutions™.

Contact Jarred Lawler, Director of Product Solutions, at (513) 360-0800, jarred.lawler@nuwaves.com, or visit www.nuwaves.com for more information.

###