

***NUWAVES ENGINEERING INTRODUCES A HIGH LINEARITY L- & S- BAND RADIO
FREQUENCY POWER AMPLIFIER MODULE TO BOOST PERFORMANCE OF DATA
LINKS AND TRANSMITTERS***

Middletown, Ohio, February 7th, 2017 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announced the release of a small, highly efficient solid state power amplifier - the latest offering in the NuPower™ family of power amplifier (PA) products – the NuPower™ 12A01A.

The NuPower™ 12A01A is a highly linear, L- & S-band power amplifier that provides 4 Watts of linear RF power to boost performance of data links and transmitters. With a nominal input drive level of 0 dBm, the NuPower™ 12A01A offers an impressive 36 dB of RF gain from 1.0 GHz to 2.5 GHz. Based on the latest gallium nitride (GaN) technology, NuPower's 20% - 40% power efficiency lessens the load on your system's DC power budget and minimizes the amount of heat generated by your system. At a compact size of 3.00" x 2.00" x 0.65", it is small enough for integration into a wide variety of air- or ground-based tactical, test or training platforms. With an impressive size, weight, and power (SWaP) profile, the NuPower™ 12A01A has the flexibility to be implemented into almost any communications or telemetry system to provide high-performance transmission of data and other AM modulated signals.

“As an add-on to an existing communications system, the NuPower™ 12A01A offers the systems integrator the ability to achieve clearer voice and faster data communications.” said Jeff Wells, President and CEO of NuWaves Engineering. “NuWaves Engineering takes pride in offering first-rate communications solutions to the Warfighter. Our power amplifiers enable greater standoff distances for unmanned aircraft systems and unmanned ground vehicle (UGV) applications, giving our armed forces the advantage in hostile environments.”

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™.

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