

For immediate release:

### **L-Band Low Noise Amplifier Delivers High Linearity and High Gain for L1 and L2 GPS Signal Amplification**

A new low noise amplifier has been designed to not only deliver an extremely low noise figure but also have high gain and a high intercept point across the L1 (1575.43 MHz) and L2 (1227.6 MHz) GPS frequencies.

These amplifiers can be used in a variety of applications including communication suites, TV, high performance receivers, and ultra-low noise RF Front-Ends. The HILNA™ GPS has a typical gain of 32 dB and operates at the L1 (1575.43 MHz) and L2 (1227.6 MHz) GPS frequencies; covering the 1200 MHz to 1600 MHz Frequency Range. Input to the device is 5 to 20 VDC with an internal regulator. Additionally, reverse voltage protection is included in the design. These amplifiers achieve a typical third intercept point of +31 dBm. These unique low noise amplifiers are housed in an extruded aluminum enclosure with an option for mounting lugs built in.

The HILNA™ GPS Amplifier is available as a COTS module. Pricing starts at \$349.

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