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NEWS RELEASE

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Richardson RFPD Announces Availability of Analog Devices' 6–14 GHz, Low Phase Noise GaAs MMIC Amplifier

ADL8150 features low phase noise of -172 dBc/Hz at 10 kHz offset, 12 dB signal gain and +30 dBm OIP3

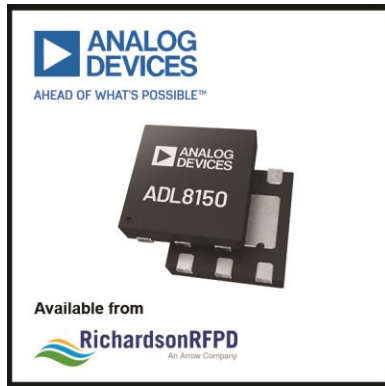
Oct 6, 2021 – GENEVA, Ill.: Richardson RFPD, Inc., an Arrow Electronics company, announced today the availability and full design support capabilities for a gallium arsenide MMIC amplifier from Analog Devices, Inc.

The [ADL8150](#) is a self-biased GaAs MMIC, heterojunction bipolar transistor, low phase noise amplifier that operates from 6 GHz to 14 GHz. The amplifier has low phase noise of -172 dBc/Hz at 10 kHz offset and provides 12 dB of typical signal gain and +30 dBm typical output third-order intercept.

The amplifier requires 74 mA from a 5 V collector supply voltage. The ADL8150 also features inputs and outputs that are internally matched to 50 Ω , facilitating integration into multichip modules.

The ADL8150 is versatile for a range of applications, including military and space, test instrumentation, and communications.

To find more information, or to purchase this product today online, visit the [ADL8150](#) webpage. The device is also available by calling 1-800-737-6937 (within North America) or find a local sales engineer (worldwide) at [Local Sales Support](#). To learn about additional products from Analog Devices, visit the [Analog Devices storefront](#) webpage.



About Richardson RFPD

Richardson RFPD, an Arrow Electronics company, is a global leader in the RF, wireless, IoT and power technologies markets. It brings relationships with many of the industry's top radio frequency and power component suppliers. Whether it's designing components or engineering complete solutions, Richardson RFPD's worldwide design centers and technical sales team provide comprehensive support for customers' go-to-market strategy, from prototype to production. More information is available online at www.richardsonrfpd.com. Follow Richardson RFPD on Twitter at www.twitter.com/Richardson_RFPD. To browse and subscribe to Richardson RFPD's email newsletters, [click here](#).

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