

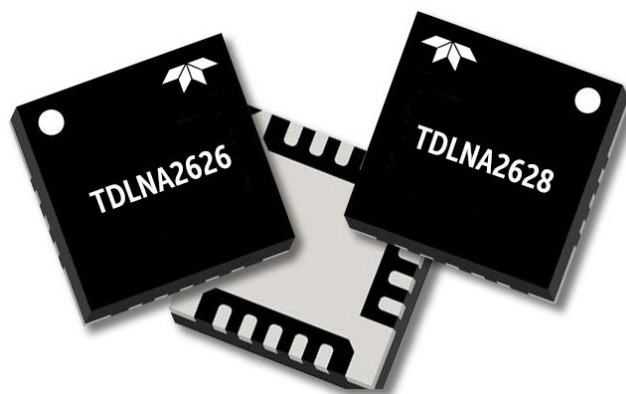
Teledyne e2v HiRel Announces New RF Low Noise Amplifiers for LEO Space Applications

New LNAs provide the Space RF engineering and design community with off-the-shelf K-band amplifiers for challenging high-reliability space applications.

MILPITAS, CA – June 12th, 2023 – [Teledyne e2v HiRel](#) announces the availability of a pair of low noise amplifiers for low earth orbit (LEO) space and other demanding applications. The TDLNA2626 and TDLNA2628 combine to cover 17 – 31.5 GHz frequency ranges and are built in a GaAs process technology which provides lower power consumption and high gain/bandwidth.

The TDLNA2626 operates from 17 – 22 GHz and provides a low noise figure of 1.3 dB and 25 dB small signal gain. Along with P1dB of 20 dBm and IM3 levels of –55 dBc (at Pout=0 dBm/tone), it offers a compact solution in a 4 mm x 4 mm plastic QFN package.

The TDLNA2628 operates from 22 – 31.5 GHz and provides a low noise figure of 1.6 dB and 23 dB small signal gain. Along with P1dB of 19 dBm and IM3 levels of –54 dBc (at Pout=0 dBm/tone), it also offers a compact solution in a 4 mm x 4 mm plastic QFN package.



“Our customers have been requesting higher frequency RF parts, and we are excited to expand our RF offerings with K-band LNAs to support applications where small size, low power consumption, and low noise figures are required in mission critical applications.” said Mont Taylor, Vice President and Business Development Manager at Teledyne e2v HiRel.

For more information on all of Teledyne e2v HiRel’s space offerings, review our portfolio of RF, Power, and semiconductors, and related services [here](#) on the Teledyne Defense Electronics website.

Devices are available for ordering and shipment today, from Teledyne e2v HiRel or an [authorized distributor](#). They are shipped from our DoD Trusted Facility in Milpitas, California.

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ABOUT TELEDYNE e2v HIREL ELECTRONICS

Teledyne HiRel’s innovations lead developments in space, transportation, defense, and industrial markets. HiRel’s unique approach involves listening to the market and application challenges of customers and partnering with them to provide innovative standard, semi-custom or fully custom solutions, bringing increased value to their systems. For more information, visit <http://www.tdehirel.com>.

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Serving Defense, Space and Commercial sectors worldwide, Teledyne Defense Electronics offers a comprehensive portfolio of highly engineered solutions that meet your most demanding requirements in the harshest environments. Manufacturing both custom and off-the-shelf product offerings, our diverse product lines meet emerging needs for key applications for avionics, energetics, electronic warfare, missiles, radar, satcom, space, and test and measurement. www.teledynedefelec.com.

Media Contact:

Sharon Fletcher

Teledyne Defense Electronics

+1 323-241-1623 sharon.fletcher@teledyne.com