ERZIA Launches Pioneering COTS Line for New Space Applications

ERZIA announced today the launch of a new line of Commercial-Off-The-Shelf (COTS) RF microwave amplifiers engineered specifically for New Space missions, addressing the industry's demand for faster delivery and cost efficiency without compromising performance.

The current lineup includes 13 new COTS RF amplifiers designed for satellite and payload manufacturers, SmallSat developers, and commercial space integrators operating in LEO, MEO, and CIS-Lunar orbits. Each amplifier delivers best-in-class RF performance while incorporating enhancements that make it flight-ready for next-generation missions.

ERZIA's New Space COTS line has been engineered to meet the toughest mission demands, featuring radiation-tolerant circuitry valid up to 30 Krad and 32 MeV for proven resilience in space environments. Each unit is built with vacuum-compatible housings and integrated depressurization structures to withstand rapid decompression, while outgassing-compliant materials ensure compliance with mission standards. Leveraging automotive-grade components, the products are prepared for rigorous thermal, vibration and acceleration environments. Every delivery includes by default a complete Acceptance Test Report at three temperatures with the option for additional screening upon request.

"New Space programs move fast, and cost pressure is intense," said David Diez, ERZIA's Managing Director. "We created this product line to give commercial satellite builders and integrators immediate access to flight-ready RF hardware that has been engineered from the ground up for New Space demands."

The product line includes both high-power amplifiers (HPAs) and low-noise amplifiers (LNAs) covering a broad frequency range. Applications span communications payloads, navigation, telemetry, radar, tracking & command (TT&C), and more. The ERZIA New Space launch will be officially unveiled this week at European Microwave Week 2025 in Utrecht, with the presentation of three flagship models. If you are attending the event, stop by stand #C84 to see them in person, or for more information and technical specifications, visit www.erzia.com/newspace.

About ERZIA:

ERZIA is a trusted global provider of high-performance RF and microwave solutions, specializing in solid-state power amplifiers (GaN and GaAs), low-noise amplifiers, filters, mixers, frequency converters, and integrated microwave assemblies. Supporting mission-critical applications in Electronic Warfare, Satcom, Space, and Radar, ERZIA products

are known for exceptional reliability and performance, operating from DC up to 100 GHz. Certified to ISO 9001 and EN 9100 standards, ERZIA systems are trusted worldwide by agencies like NASA and ESA. Founded in 2002, ERZIA is headquartered in Santander, Spain, with a sales office in Virginia, USA.