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NEWS RELEASE

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Richardson RFPD Announces UMS GaAs and GaN RF Solutions for SATCOM and High-Frequency Applications

Advanced RF and mmWave technologies help engineers accelerate development, optimize SWaP, and enable reliable connectivity across next-generation satellite networks

DOWNERS GROVE, Ill. (July 29, 2026) – Richardson RFPD, Inc., an Arrow Electronics company, today announced the availability of a comprehensive portfolio of United Monolithic Semiconductors (UMS) [GaAs and GaN RF solutions](#) designed to help customers meet the growing performance, efficiency, and reliability demands of modern satellite communications (SATCOM) and high-frequency systems.

The portfolio includes low-noise amplifiers (LNAs), power amplifiers (PAs), and frequency conversion products supporting applications across L, S, C, X, Ku, Ka, and Q bands. With broad frequency coverage and proven performance, these solutions provide engineers with the flexibility to address a wide range of SATCOM, radar, and wireless infrastructure requirements.

By combining the high-power density and efficiency of GaN technology with the exceptional low-noise and high-frequency performance of GaAs, [UMS solutions](#) help enable designers to optimize size, weight, and power (SWaP), extend system capability, and improve overall network performance. These benefits are especially critical for next-generation GEO, MEO, and LEO satellite constellations, where reliability, efficiency, and throughput are essential to mission success.

In addition to supporting advanced satellite architecture, UMS solutions help reduce design complexity and accelerate time-to-market for both fixed and mobile ground terminal applications. Richardson RFPD further supports customers with deep RF expertise, application guidance, and technical resources to streamline product selection, shorten development cycles, and reduce design risk.

To view the highlighted portfolio, visit the [UMS SATCOM solutions page](#).



About Richardson RFPD

Richardson RFPD, an Arrow Electronics company, is a global leader in the RF, wireless, 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 richardsonrfpd.com. To browse and subscribe to Richardson RFPD's email newsletters, [click here](#).

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