



Qorvo®'s New K-band Solution Delivers Three Times More Bandwidth, Less Power, Smaller Footprint to LEO Satellites

GREENSBORO, N.C., June 10, 2025 – Qorvo® (Nasdaq: QRVO), a leading global provider of connectivity and power solutions, is expanding its SATCOM portfolio with the launch of a new K-band power amplifier (PA) designed to improve the performance and integration of Low Earth Orbit (LEO) satellites. Developed to meet the evolving demands of next-generation payloads, Qorvo's newest PA further expands its proven GaN-on-SiC SATCOM portfolio, giving system designers a more efficient, compact and scalable option for space-based payloads.

Qorvo's QPA1722 PA offers customers three times the instantaneous bandwidth, a 38% smaller footprint and 10% higher efficiency than competing devices. These enhancements enable greater data throughput and more flexible payload architectures, critical for meeting global connectivity goals in size- and power-constrained satellite platforms.

"The QPA1722 helps us meet the rising demand for LEO constellation deployment," said Doug Bostrom, general manager of Qorvo's Defense and Aerospace business. "According to Gartner® research, the most obvious opportunity for LEO satellites is the ubiquitous provision of broadband services to consumers and businesses, reinforcing the demand for compact, high-efficiency payload solutions in space-based networks."

Key Features of the QPA1722:

- Frequency Range: 17.7–20.2 GHz
- Output power: 10W (saturated); 6W (linear)
- >1 GHz instantaneous bandwidth for high data-rate applications
- 36% efficiency for improved power handling and thermal management
- Compact SMT package for streamlined system integration

The QPA1722 is sampling now, with volume production planned for the Fall of 2025. Qorvo also provides evaluation kits upon request.

Qorvo's existing Ka-band ground solutions are already enabling global connectivity, and a next-generation, higher-performance lineup is scheduled to debut this summer. Paired with the QPA1722 and Qorvo's full portfolio of SATCOM products, these enhancements will deliver a more powerful, efficient end-to-end ground-to-space link that reinforces Qorvo's commitment to connecting the world through space. Additional offerings can be found on our SATCOM solutions page.

Attending IMS 2025? Connect with Qorvo to learn more about this new product as well as our market-leading portfolio, June 16-20, 2025, in San Francisco, CA. To schedule a meeting at the show, please visit Qorvo's IMS 2025 event page.



About Qorvo

Qorvo (Nasdaq: QRVO) supplies innovative semiconductor solutions that make a better world possible. We combine product and technology leadership, systems-level expertise and global manufacturing scale to quickly solve our customers' most complex technical challenges. Qorvo serves diverse high-growth segments of large global markets, including automotive, consumer, defense & aerospace, industrial & enterprise, infrastructure and mobile. Visit www.qorvo.com to learn how our diverse and innovative team is helping connect, protect and power our planet.

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