



News Release

Qorvo® Advances X-Band Radar Performance with a More Efficient and Sensitive Compact Front-End Module

GREENSBORO, NC – June 9, 2026 – Qorvo® (Nasdaq: QRVO), a leading global provider of connectivity and power solutions, today introduced an X-band radar front-end solution that enables defense system designers to achieve higher performance without increasing size, weight or prime power. Designed for modern phased array and multifunction sensors, the solution combines transmit power, efficiency and receive sensitivity in a single compact module, addressing key challenges in next-generation radar design.

The Qorvo [QPF5012](#) is a fully integrated X-band transmit/receive front-end module operating from 8.5 to 10.5 GHz, delivering 10W of transmit power. With 42 percent power-added efficiency and 2.1 dB noise figure in a 7 x 5 mm package, the QPF5012 enables designers to extend radar range, reduce thermal load and improve detection sensitivity without increasing system complexity.

“Radar designers have historically been forced to trade off output power, prime power or sensitivity,” said Doug Bostrom, general manager of Qorvo’s Defense and Aerospace business. “With the QPF5012, Qorvo brings all three together in a compact integrated front-end module, helping customers simplify design, reduce thermal constraints and improve real-world radar performance.”

QPF5012 is specifically built for X-band phased array radar applications where size, weight and power (SWaP) and thermal performance are critical. Its high level of integration reduces component count and simplifies system design while maintaining constant efficiency and RF output power across changing antenna loads. This enables AESA systems to deliver more consistent RF performance across varying scan angles. Qorvo enables this integration through vertically integrated RF design expertise, advanced multi-technology packaging and trusted manufacturing capabilities.

Key Features of QPF5012:

- 10W saturated transmit power across 8.5 to 10.5 GHz
- 42% power-added efficiency to reduce prime power consumption and thermal load
- 2.1 dB noise figure to improve receive sensitivity and detection accuracy
- Integrated T/R functionality in a compact 7 x 5 mm module to reduce SWaP and design complexity

By delivering power, efficiency and sensitivity together in a single integrated module, Qorvo enables defense radar designers to overcome traditional design constraints and achieve higher system-level performance in a compact front-end architecture.

Samples are available and will be showcased at **IMS2026, June 7–12 in Boston, Booth 20036**. To schedule a meeting or learn more about high-performance RF expertise, visit the [Qorvo IMS2026 hub](#).

For additional technical insights, read Qorvo's Design Hub blog, [How Qorvo Is Optimizing the X-Band Phased Array Radar System](#).

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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This press release includes "forward-looking statements" within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, but are not limited to, statements about our plans, objectives, representations and contentions, and are not historical facts and typically are identified by terms such as "may," "will," "should," "could," "expect," "plan," "anticipate," "believe," "estimate," "forecast," "predict," "potential," "continue" and similar words, although some forward-looking statements are expressed differently. You should be aware that the forward-looking statements included herein represent management's current judgment and expectations as of the date the statement is first made, but our actual results, events and performance could differ materially from those expressed or implied by forward-looking statements. We caution you not to place undue reliance upon any such forward-looking statements. We do not intend to update any of these forward-looking statements or publicly announce the results of any revisions to these forward-looking statements, other than as is required under U.S. federal securities laws. Our business is subject to numerous risks and uncertainties, including those relating to fluctuations in our operating results on a quarterly and annual basis; our substantial dependence on developing new products and achieving design wins; our dependence on several large customers for a substantial portion of our revenue; a loss of revenue if defense and aerospace contracts are canceled or delayed; our dependence on third parties; risks related to sales through distributors; risks associated with the operation of our manufacturing facilities; business disruptions; poor manufacturing yields; increased inventory risks and costs, due to timing of customers' forecasts; our inability to effectively manage or maintain relationships with chipset suppliers; our ability to continue to innovate in a very competitive industry; underutilization of manufacturing facilities; unfavorable changes in interest rates, pricing of certain precious metals, utility rates and foreign currency exchange rates; our acquisitions, divestitures and other strategic investments failing to achieve financial or strategic objectives; our ability to effectively execute on restructuring initiatives; our ability to attract, retain and motivate key employees; warranty claims, product recalls and product liability; changes in our effective tax rate; enactment of international or domestic tax legislation, or changes in regulatory guidance; changes in the favorable tax status of certain of our subsidiaries; risks associated with social, environmental, health and safety regulations, and climate change; risks from international sales and operations; economic regulation in China; changes in government trade policies, including imposition of tariffs and export restrictions; we may not be able to generate sufficient cash to service all of our debt;

restrictions imposed by the agreements governing our debt; our reliance on our intellectual property portfolio; claims of infringement of third-party intellectual property rights; security breaches, failed system upgrades or regular maintenance and other similar disruptions to our IT systems; theft, loss or misuse of personal data by or about our employees, customers or third parties; provisions in our governing documents and Delaware law may discourage takeovers and business combinations that our stockholders might consider to be in their best interests; negative impacts from activist stockholders; volatility in the price of our common stock; risks and uncertainties relating to the Mergers, including the occurrence of any event, change or other circumstance that could give rise to the right of us or Skyworks to terminate the Merger Agreement; the outcome of any legal proceedings that may be instituted against us or Skyworks in connection with the Mergers; the possibility that the Mergers do not close when expected or at all because of required regulatory, stockholder, or other approvals and other conditions to closing are not received or satisfied on a timely basis or at all (and the risk that seeking or obtaining such approvals may result in the imposition of conditions that could adversely affect the combined company or the expected benefits of the Mergers); that efforts to complete the Mergers may affect our business relationships with our existing and potential customers, suppliers, service providers and other business partners; that the expected synergies from the Mergers may not be fully realized or may take longer to realize than anticipated; any failure to promptly and effectively integrate the businesses of the Company and Skyworks; and that the Mergers may divert management's attention and time from ongoing business operations and opportunities. These and other risks and uncertainties, which are described in more detail under "Risk Factors" in Part I, Item 1A of our Annual Report on Form 10-K for the fiscal year ended March 29, 2025, and Qorvo's subsequent reports and statements that we file with the SEC, could cause actual results and developments to be materially different from those expressed or implied by any of these forward-looking statements.