



News Release

Qorvo® Unveils Industry's Highest Gain Pre-Driver for 5G mMIMO

GREENSBORO, NC – May 27, 2024 – Qorvo® (Nasdaq: QRVO), a leading global provider of connectivity and power solutions, today announced the industry's highest gain pre-driver providing 39dB gain at 3.5 GHz and achieving a peak power of +29dBm. This new massive MIMO (mMIMO) pre-driver demonstrates Qorvo's commitment to advancing 5G technology and further strengthens its position as a leader in cellular infrastructure.

The [QPA9822](#) is a wideband, high gain, high linearity driver amplifier, engineered specifically for 32-node mMIMO systems. It is designed to enable wideband 5G New Radio (NR) instantaneous signal bandwidths of up to 530 MHz, making it ideally suited for the N77 band critical for 5G deployment and other mMIMO applications.

"Qorvo's QPA9822 not only delivers the highest gain available on the market for 5G pre-drivers today but also provides a scalable solution for 32T and 64T radios. This helps to ensure ease of deployment in popular bands in all geographies for 5G mMIMO systems," said Debbie Gibson, product line director of Qorvo's Wireless Infrastructure business.

The QPA9822 is internally matched to 50 ohms (Ω) over the entire operating frequency band of 3.3 – 4.2 GHz and incorporates a fast enable/disable function through the VEN pin. It also offers external bias control capability for linearity optimization, supporting up to 530 MHz of instantaneous bandwidth.

Housed in a compact 16-pin, 3 x 3 mm SMT package, the QPA9822 is footprint and pin-compatible with the [QPA9122M](#) high-gain and high-linearity driver amplifier, allowing for easy integration into existing and new designs, thereby reducing time-to-market for customers.

The QPA9822 and other new Qorvo products will be showcased at IMS 2024, Booth 1125, from June 16-21 in Washington, D.C. For more information about Qorvo's RF solutions or meeting inquiries, visit the [Qorvo IMS 2024 landing page](#).

For more information on Qorvo's extensive family of network infrastructure solutions, please visit Qorvo's [Network Infrastructure](#) site.

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.

Media Contact:

Cindy Warschauer
Marketing Communications Manager
Cindy.Warschauer@qorvo.com

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 use of terms such as “may,” “will,” “should,” “could,” “expect,” “plan,” “anticipate,” “believe,” “estimate,” “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, but our actual results, events and performance could differ materially from those expressed or implied by 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; our substantial dependence on developing new products and achieving design wins; our dependence on a few large customers for a substantial portion of our revenue; a loss of revenue if contracts with the United States government or defense and aerospace contractors are canceled or delayed or if defense spending is reduced; the COVID-19 pandemic, which has and will likely continue to negatively impact the global economy and disrupt normal business activities, and which may have an adverse effect on our results of operations; 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 customer forecasts; our inability to effectively manage or maintain evolving relationships with platform providers; risks from international sales and operations; economic regulation in China; changes in government trade policies, including imposition of tariffs and export restrictions; our ability to implement innovative technologies; underutilization of manufacturing facilities as a result of industry overcapacity; we may not be able to borrow funds under our credit facility or secure future financing; we may not be able to generate sufficient cash to service all of our debt; restrictions imposed by the agreements governing our debt; volatility in the price of our common stock; damage to our reputation or brand; fluctuations in the amount and frequency of our stock repurchases; our recent and future acquisitions and other strategic investments could fail to achieve financial or strategic objectives; our ability to attract, retain and motivate key employees; our reliance on our intellectual property portfolio; claims of infringement of third-party intellectual property rights; security breaches and other similar disruptions compromising our information; theft, loss or misuse of personal data by or about our employees, customers or third parties; warranty claims, product recalls and product liability; and risks associated with environmental, health and safety regulations and climate change. Many of the foregoing risks and uncertainties are, and will continue to be, exacerbated by the COVID-19 pandemic and any worsening of the global business and economic environment as a result. These and other risks and uncertainties, which are described in more detail in Qorvo’s most recent Annual Report on Form 10-K and in other reports and statements filed with the Securities and Exchange Commission, could cause actual results and developments to be materially different from those expressed or implied by any of these forward-looking statements.