Modelithics®
Accelerating Your Design Success!

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Modelithics Releases Qorvo GaN Library v26.5.11 with New 200 W GaN Model

Tampa, Florida (September 3, 2026) - Modelithics® is pleased to announce the release of the Modelithics Qorvo® GaN Library v26.5.11. For more than 12 years, the Modelithics Qorvo GaN Library has provided RF and microwave engineers with up-to-date, highly accurate, measurement-based nonlinear models that accelerate design cycles, improve first-pass success and reduce development costs.

Developed and supported by Modelithics in close cooperation with Qorvo, the library includes nonlinear models for an extensive portfolio of Qorvo GaN die and packaged power transistor products, providing engineers with trusted models for the design and optimization of high-performance RF power amplifiers and related circuits. Each GaN model has advanced modeling features such as broadband validation, self-heating effects, temperature scalability, intrinsic I-V sensing and comprehensive model documentation. The latest release adds a nonlinear model for the QPD2562L, a 200 W GaN transistor, that is validated against load-pull measurements across multiple frequencies from 2.5 to 3.5 GHz. Version 26.5.11 also expands compatibility for all GaN models in the library to include Keysight ADS 2027, while maintaining support for ADS 2024 through ADS 2026 and multiple versions of the Cadence AWR Design Environment®.

For customers seeking a complete board-based power amplifier design solution, the Modelithics COMPLETE Library™ adds accurate, substrate-scalable and part-value-scalable passive component models for matching and bias networks. Customers using the Modelithics Qorvo GaN Library are encouraged to learn more about Modelithics COMPLETE Library™, which provides seamless access to a broad portfolio of highly accurate passive as well as active and system component level models. Together, these libraries enable designers to simulate entire RF and microwave circuits and modules with greater accuracy, helping reduce design iterations and accelerate time to market.

For more information about this new release and further details on the new models available, please review the v26.5.11 release notes. To request free access, please visit www.modelithics.com/mvp/qorvo or contact sales@modelithics.com.

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About Modelithics, Inc.

Modelithics, Inc. (www.Modelithics.com) was formed in 2001 to address the industry-wide need for high-accuracy RF and microwave active and passive simulation models for use in Electronic Design Automation (EDA). Modelithics' premium product is the Modelithics® COMPLETE Library, containing highly scalable Microwave Global Models™, and advanced behavioral models for a multitude of commercially available passive component families, as well as non-linear diode models, non-linear transistor models, and system-level component models. Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics product offerings, which support multiple EDA software platforms, also include the Modelithics mmWave Library, Modelithics System Components Library™ the Modelithics COMPLETE+3D Library. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, and System Components Library are also trademarks of Modelithics, Inc. The Modelithics Vendor Partner (MVP) Program allows for collaboration and open communication during the development of advanced data sets and models for commercially available microwave components and devices, with flexible sponsorship and distribution arrangements for the resulting data and models. An example of such an arrangement is the Modelithics Qorvo GaN Library, a fully sponsored library distributed for free by Modelithics under the sponsorship of Qorvo®.

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