



Press Release

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Modelithics and Qorvo to Significantly Expand the GaN RF Simulation Model Library

May 14, 2015- Tampa, Florida and Richardson, Texas - Modelithics, Inc. and Qorvo announce plans to expand the very popular Modelithics Qorvo GaN Library of high accuracy non-linear models for Qorvo transistors. The current GaN library version (v1.5) has 29 packaged and die transistor models. New plans include adding over 20 new Qorvo GaN transistor models.

“This collaboration has allowed Modelithics to apply its many years of experience with model library software development to the benefit of Qorvo customers. Qorvo’s sponsorship of free distribution and support has enabled this high accuracy non-linear library to be quickly embraced and widely utilized by the international PA design community. Customers that also use Modelithics scalable CLR Library models for the passives in their matching and bias networks can get the best of both worlds in terms of simulation-based design success,” said Modelithics President & CEO Larry Dunleavy

The state-of-the-art non-linear GaN models feature temperature scaling, intrinsic I-V sensing capability, bias dependence, self-heat scaling factor parameter, and measurement validations including pulsed IV and load pull. Each model comes with a model datasheet, which provides detailed information about the model development, features, parameter settings and model performance plots.

The Qorvo GaN Library is available for free to approved Qorvo customers by requesting through the Modelithics website (www.Modelithics.com, then click on Qorvo logo). For more information on accessing the new Qorvo GaN Transistor Library, contact Modelithics at 813-866-6335, or email support@modelithics.com.

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). In addition to the Modelithics® Qorvo GaN Library, current products include the CLR Library™, which contains measurement-based Microwave Global Models for a multitude of commercially-available passive component families, the NLD Library™ (non-linear diode models), the NLT Library™ (non-linear transistor models), and the SLC Library™ (system level component models). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs.

About Qorvo

Qorvo is pronounced "kor-vo," the name is intended to reflect the "core technologies and innovations" the companies plan to enable following their combination. The name's first syllable is meant to evoke "chorus" – people (TriQuint and RFMD) working in unison, as well as "core" technology. The second syllable, "vo," is meant to indicate voyage or travel through air or space. Qorvo's combination of talent, technology, scalability and innovation enables customers to launch new designs faster. It is one of the largest providers of RF solutions in the world and a leader in mobile, infrastructure and defense systems.

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