Modelithics®
World's Best RF & Microwave Simulation Models

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Modelithics Latest MACOM® GaN Library v23.2.2 Includes New 7kW Amplifier Model

Tampa, Florida (May 24, 2023) – Modelithics, Inc., (Modelithics) the world's leading independent provider of RF and microwave models, is pleased to announce version 23.2.2 of the Modelithics MACOM GaN Library is now available. With this latest version, the library now includes a total of twelve (12) models for MACOM PURE CARBIDE™ GaN devices.

Version 23.2.2 of the Modelithics MACOM GaN Library introduces new models for three (3) MACOM GaN devices for the MACOM MAPC-A1508 and MAPC-A1507 amplifiers, as well as the 7kW MAPC-A1605 amplifier. Each model in the library is developed and validated using extensive linear and nonlinear data sets and is intended for high-power microwave applications. In addition, each model includes intrinsic IV sensing as an advanced feature. Explore the full list of models within the Modelithics MACOM GaN Library by visiting www.Modelithics.com/MVP/MACOM.

The Modelithics MACOM GaN Library includes reliable, measurement-based models which are intended to speed up the RF/MW electronic design automation (EDA) process, reduce design cycle times, and lower product development costs The Modelithics MACOM GaN Library enables rapid design success and demonstrates excellent model to measurement agreement.

For additional information regarding v23.2.2 of the Modelithics MACOM GaN Library, please view the release notes. The Modelithics MACOM GaN Library is available for FREE distribution and support for qualified MACOM customers. The models in the Modelithics MACOM GaN Library are compatible with Keysight Technologies' PathWave Advanced Design System (ADS) and Cadence AWR Design Environment®. For more information and to request access to the free library, visit www.Modelithics.com/MVP/MACOM or contact Modelithics at sales@modelithics.com.

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22 Years of Precision Measurements and Modeling Excellence!

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, which includes the CLR Library™, containing measurement-based Microwave Global Models™ for a multitude of commercially-available passive component families, as well 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 also include the Modelithics mmWave & 5G Library, Modelithics System Components Library™ the Modelithics COMPLETE+3D Library. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, System Components Library™ and CLR 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 sponsorship of Qorvo®. Modelithics also offers a Standard & Custom Test Fixture and Accessory Product Line, including legacy parts from J Micro Technology for a family of thin film Alumina substrate components.

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