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Modelithics[®] Releases the Modelithics MACOM[®] GaN Library v21.1.5

Tampa, Florida (December 6, 2021) – Modelithics, Inc., (Modelithics) the world's leading RF and microwave simulation model provider, is pleased to announce version 21.1.5 of the [Modelithics MACOM GaN Library](#). **With this latest version, the library now includes a total of six models for *MACOM PURE CARBIDE*[™] GaN devices.**

Version 21.1.5 of the Modelithics MACOM GaN Library introduces new models for the MACOM MAPC-A1000 and MAPC-A1100 GaN devices. The MAPC-A1000 is suitable for operation from 30 MHz to 3 GHz. This 50-ohm input matched device can deliver 25 W of output power and supports both continuous-wave and pulsed operation at 50V. The MAPC-A1100 is suitable for operation from DC to 3.5 GHz. This device supports both CW and pulsed operation and provides output power levels as high as 65 W. Both the MAPC-A1000 and MAPC-A1100 devices are intended for applications including military radio communications, radar, avionics, digital cellular infrastructure, RF energy, and test instrumentation.

The Modelithics MACOM GaN Library also includes models for MACOM's MAPC-A1101, MAPC-A1102, MAPC-A1500, and MAPC-A1501 GaN devices. Each model in the library is developed and validated using extensive linear and non-linear data sets and intended for high power microwave applications.

Additional models will continue to be added to the Modelithics MACOM GaN Library on an ongoing basis. The models in the Modelithics MACOM GaN Library are available for FREE distribution and support for qualified MACOM customers. For more information and to request the library, visit www.Modelithics.com/MVP/MACOM or contact Modelithics at sales@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). 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 mmWave & 5G Library and the Modelithics COMPLETE+3D Library. The mmWave & 5G Library includes a collection of models focused on supporting the next generation of cellular communication standards. All models in the mmWave & 5G Library are validated to a minimum of 30 GHz, with some validated up to 125 GHz! Modelithics COMPLETE+3D Library includes a collection of 3D Geometry models. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™ 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.