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FOR IMMEDIATE RELEASE

January 24, 2022

Modelithics® Releases the Latest COMPLETE Library™ Version v21.9, for Sonnet® Suites™

Tampa, Florida (January 24, 2022) – Modelithics® is pleased to announce the release of version 21.9 of the [Modelithics COMPLETE Library](#) for Sonnet Suites. Modelithics models represent discrete components that are typically very difficult to represent with EM analysis, thus combining Modelithics circuit models with Sonnet Suites software represents a “best of both worlds” simulation experience. **This new release includes the addition of 23 new models as well as compatibility with the latest version of Sonnet (v18).**

The Modelithics COMPLETE Library for Sonnet Suites includes over 360 Microwave Global Models™ for capacitor, inductor, and resistor part series. Version 21.9 adds new models to the library for components from vendors such as AMOTECH, Coilcraft, KEMET, Kyocera-AVX, Passive Plus, TDK, and Vishay, among others. Specifically, new Microwave Global Models are included for the AMOTECH A60Z and A60L capacitor series. Both models are validated to 50 GHz. Version 21.9 also includes new models for the TDK CGA1A2C0G, CGA1A2X7R, and CGB1T3X5R0J104M capacitor series and the Coilcraft 0603CT and 0603HL inductor series. In terms of resistor models, version 21.9 adds new models for the Passive Plus R35-1209BB and R35-2010BB flip-chip resistor products each validated to 60 GHz. Also included in version 21.9 is a new model for the Vishay CRCW01005 series validated to 67 GHz.

In addition to models for capacitor, inductor, and resistor series, the Modelithics COMPLETE Library for Sonnet Suites includes scalable models for various attenuator series from manufacturers like Barry Industries, International Manufacturing Services (IMS), Mini-Circuits, and Smiths Interconnect. Version 21.9 adds new models for the Mini-Circuits KAT and YATA attenuator series.

Those interested in requesting a free trial can visit the Sonnet MVP landing page on the Modelithics website: www.Modelithics.com/MVP/Sonnet to request an evaluation license. For more information, visit www.Modelithics.com or contact 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 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.