Modelithics®
World's Best RF & Microwave Simulation Models

Contacts:

Modelithics, Inc.
Angie Rogers
Sales & Marketing Manager
813.866.6335
sales@modelithics.com

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Modelithics® Releases the COMPLETE Library™ v21.5 for Keysight Technologies' PathWave Advanced Design System

TAMPA, Florida (September 8, 2021) – Modelithics is pleased to announce the release of the latest version, v21.5, of the Modelithics COMPLETE Library for use with Keysight Technologies' PathWave Advanced Design System (ADS).

With 26 models included in this new release, the Modelithics COMPLETE Library now contains over 800 highly scalable Microwave Global Models™, behavioral models, complex equivalent circuit models, and advanced non-linear models that represent over 24,000 passive and active components. Designers everywhere can take advantage of this extensive collection of simulation models for RF/microwave devices that includes surface-mount RLC components, diodes transistors, amplifiers, attenuators, filters, couplers and more. Since Modelithics models are engineered to enable designers to go from concept to product faster and easier, anyone involved in PCB-based RF/microwave circuit or module design should want to utilize Modelithics collection of simulation models.

Version 21.5 adds new scalable Microwave Global Models to the Modelithics COMPLETE Library, including new models for 18 Barry packages as well as new models for the Coilcraft 0402DC, 0603CT, 0603HL, and 0805LS inductor families. Also included are new models for the KOA RK73H, Samsung RC0402, Vishay CRCW01005, and Yageo RC0100 resistor families.

For more information about this new release and further details on the new models available, please review the **v21.5 release notes**. For a trial of the Modelithics COMPLETE Library, visit: www.modelithics.com/model.

Through the Modelithics Vendor Partner (MVP) Program, free model use is being sponsored by Barry, Coilcraft, Vishay, and more. Request a dedicated vendor trial of one of these or other available MVPs by visiting www.modelithics.com/mvp.

Celebrating 20 Years of Precision Measurements and Modeling Excellence!

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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, 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.

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