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® Reaches Milestone of Over 22,000 Components Represented in the COMPLETE Library™

TAMPA, Florida (September 21, 2020) – **Modelithics, the leading provider of high accuracy simulation models for RF/microwave passive and active components, is pleased to broadcast that its premier product, the Modelithics COMPLETE Library, has surpassed more than 22,000 components for over 775 models from 70 of today's top vendors.**

Since Modelithics was founded in 2001, the company has continually increased the number of library models each year to meet the evolving needs & demands of today's designers involved with PCB-based RF & microwave circuit design. Now, with models for more than 22,000 components, Modelithics has reached a new milestone that provides designers with access to an exceptional number of models for applications across the board. Larry Dunleavy, President and CEO of Modelithics, stated, "Our Product Manager Eric told me a couple years ago his goal was 20K parts represented in 2020, I liked the goal but love the over-achievement even more. To Eric and the team, I say 'Fantastic!" To our partners and customers, we say thank you for your support and let's keep growing together!"

The Modelithics COMPLETE Library includes Microwave Global Models™ for capacitors, inductors, and resistors. A Microwave Global Model covers a full range of part values for a vendor component series, making them well-suited when tuning or optimization is needed. These models can be used to design filters, matching networks, and many other circuits for all types of applications. In addition to part-value scalability, Microwave Global Model scale with respect to substrates and solder pads. Also included in the Modelithics COMPLETE Library are nonlinear transistor and diode models as well as linear and non-linear models for system level components like amplifiers, filters, attenuators and couplers. These models offer features like substrate scalability, bias and temperature dependence, noise prediction and more.

Modelithics models are currently available for Keysight Technologies' PathWave Advanced Design System, Keysight Technologies' PathWave RF Synthesis (Genesys), Cadence® AWR Design Environment®, Ansys® HFSS™, Sonnet® Suites, and Cadence Virtuoso Spectre RF. To request a FREE trial of the Modelithics COMPLETE Library, please visit www.modelithics.com/model. In addition, through the Modelithics Vendor Partner (MVP) program, participating vendors are sponsoring free vendor trials. To request a dedicated vendor trial, visit www.modelithics.com/mvp/vsl.

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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 as 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. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, CLR Library™, NLD Library™, NLT Library™, and the SLC 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 has also recently launched a new 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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