Modelithics®
Accelerating Your Design Success!

Contacts:

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

FOR IMMEDIATE RELEASE

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Now Available! The v25.6 of the Modelithics COMPLETE Library for Keysight ADS

Tampa, Florida (September 16, 2025) – Modelithics®, is pleased to announce the release of the Modelithics COMPLETE Library v25.6 for Keysight Technologies' Advanced Design System (ADS). This release includes 14 new scalable models, representing over 600 components. This new release is compatible with Keysight ADS 2026 and is also backwards compatible with older Keysight ADS versions. The Modelithics COMPLETE Library now represents **over 29,000 components for 80 manufacturers**.

This release includes a new Microwave Global Model™ for an attenuator from International Manufacturing Services (IMS). This model is validated up to 20 GHz and scales with respect to part values, substrates, and solder-pad dimensions. Also included within this release is the first of three (3) new models for varactor chips from CapV Micro. These models are all validated to 67 GHz and include Modelithics advanced model features, including temperature scaling from +25 to +85°C. This release also includes new Microwave Global Models for capacitors, inductors, and resistors from Coilcraft, Murata, NIC Components, Passive Plus, and Yageo. All Modelithics models are based on consistent measurement and modeling techniques. Modelithics also offers complete documentation, as each model come with its own detailed model information datasheet.

Through the Modelithics Vendor Partner (MVP) Program, FREE 90-day use of Modelithics models for many manufacturer components are available, including the new CapV, Coilcraft, and Passive Plus component models. For more information or to request free use of the models for components from these and other MVP, please visit www.modelithics.com/mvp/vsl.

For more information about this new release and further details on the new models available, please review the **v25.6 release notes**. To request a free trial, please visit the Modelithics website at https://www.modelithics.com/mvp/ads.

3802 Spectrum Blvd. Tampa, FL 33612 USA • www.Modelithics.com
E-mail:**sales@modelithics.com** • Phone: 888-359-6359 • Fax: 813-866-6334

Precision Measurements and Modeling Excellence Since 2001!

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 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, which support multiple EDA software platforms, also include the Modelithics mmWave 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 the sponsorship of Qorvo®. Modelithics also offers a Standard and Custom Test Fixture and Accessory Product Line, for a family of thin film Probe Point™ Alumina substrate fixtures compatible with RF probing.

3802 Spectrum Blvd. Tampa, FL 33612 USA • www.Modelithics.com
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