Modelithics®
Accelerating Your Design Success!

Contacts:

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

FOR IMMEDIATE RELEASE

May 9, 2025

Now Available! Modelithics System Components Library™ v25.0 for Keysight System Design (SystemVue)

Tampa, Florida (May 9, 2025) – Modelithics is pleased to release v25.0 of the System Components Library for Keysight System Design (SystemVue). The Systems Component Library contains models for many types of microwave systems components, such as amplifiers, splitters, couplers, filters, connectors, packages, mixers and attenuators. Amplifier models include both nonlinear X-parameter and linear S-parameter models from various manufacturers, many also include noise parameter prediction. Filter models include low pass, high pass, and bandpass filters validated to frequencies as high as 40 GHz. In addition, models for attenuators validated to frequencies as high as 50 GHz and spanning attenuation levels from 0 to 30 dB are available.

This release includes 24 new models, representing 75 components. This release is also compatible with Keysight SystemVue 2025. Also included are eight (8) new models for Smiths Interconnect splitter devices as well as seven (7) attenuators. Each of the new models for the splitters are validated up to 67 GHz and include Modelithics Substrate Selectable model feature. Additionally, five (5) new models have been added for splitter devices for International Manufacturing Services (IMS), including IPT0402WA-C-U, IPT0603WA-C, and IPT0805WA-C, which are validated up to 67 GHz. New models are also included in the release for Analog Devices amplifier, two (2) Susumu attenuators, and a connector device from Hirose. All of which include the substrate selectable feature as well.

Through the Modelithics Vendor Partner (MVP) program, FREE 90-day use of Modelithics models for IMS and Smiths Interconnect components are available. For more information or to request free use of the new models by these Sponsoring MVPs as well as other Modelithics MVPs, please visit

https://www.modelithics.com/mvp/vsl. For more information about this new release and further details on the new models available, please review the **v25.0 release notes**. To request a free trial, please visit the Modelithics website at https://www.modelithics.com/model/scl.

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

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
E-mail:**sales@modelithics.com** • Phone: 888-359-6359

Precision Measurements and Modeling Excellence Since 2001!