Modelithics®
Accelerating Your Design Success!

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Over 120 New Models Added to Modelithics COMPLETE Library for Keysight RF Synthesis (Genesys)

Tampa, Florida (July 18, 2025) – Modelithics® is pleased to announce over 120 new models representing 5400+ components are available with the release of the latest version, v25.3, of the Modelithics COMPLETE Library™ for Keysight RF Synthesis (Genesys). This release of the Modelithics COMPLETE Library for Keysight Genesys **now represents approximately 28,500 components from 65 vendors.** The release includes compatibility with Keysight Genesys 2025.

Included in this release is a new model for Analog Devices amplifier ADL8142 is available and validated up to 67 GHz as well as includes Modelithics advanced model features: substrate selectable and temperature selectable. Five (5) new models for International Manufacturing Services (IMS) splitters are also available within the release, which are validated from 30-67 GHz and are substrate selectable.

This release includes are new Microwave Global Models™ for capacitor, resistors and inductors are available for Amotech, Coilcraft, Dalicap, International Manufacturing Services (IMS), Johanson Technologies, Kemet, Kyocera-AVX, Murata, Piconics, Susumu, and more! Eight (8) new models are available for Smith Interconnect splitter devices, each validated up to 67GHz as well as a new model for Analog Devices amplifier ADL8142 validated up to 67GHz.

Through the Modelithics Vendor Partner (MVP) program, Sponsoring MVPs Amotech, Coilcraft, Dalicap, IMS, Johanson Technologies, Kyocera-AVX, Piconics and Susumu sponsor FREE 90-day use of Modelithics models for components are available. For more information or to request free use of the new models for these Sponsoring MVPs as well as other available Modelithics Sponsoring MVPs, please visit https://www.modelithics.com/mvp/vsl.

To request a free trial, please visit the Modelithics website at www.modelithics.com/mvp/ads. For more information about this new release and further details on the new models available, please review the v25.3 release notes.

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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 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, including legacy parts from J Micro Technology for a family of thin film Alumina substrate components.

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