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## **FOR IMMEDIATE RELEASE**

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### **Modelithics Releases the COMPLETE Library v22.3 for Keysight Technologies PathWave RF Synthesis (Genesys)**

Tampa, Florida (October 27, 2022) – Modelithics® is pleased to announce that version 22.3 of the [Modelithics COMPLETE Library](#)<sup>™</sup> for Keysight PathWave RF Synthesis (Genesys) is now available and includes compatibility with Keysight Genesys 2022. It supports the Vendor Parts Synthesis (VPS) capability in Genesys to automate the selection of discrete parts from the Modelithics COMPLETE Library. It accounts for the parasitics of the parts, substrates and bond pads to enable one-pass hardware realization to meet the original optimized design specs.

Version 22.3 adds **35 new models** to the Modelithics COMPLETE Library for Keysight Genesys, which now represents over **700 models for nearly 60 vendors, representing more than 25,000 components**. Among them are new [Microwave Global Models](#)<sup>™</sup> for capacitors from AMOTECH, Kemet, Kyocera-AVX, Yageo, and more. Also added are Modelithics Microwave Global Models for inductors from Coilcraft, and for resistors from Smiths Interconnect and Vishay. Version 22.3 also adds models for Schottky diodes from Infineon and a model for a varactor diode from Microsemi, as well as models for CEL and Infineon transistors. Finally, new S-Parameter models for various Macom devices including, a coupler, a splitter, and a transformer are included, along with a new model for a Smiths Interconnect attenuator.

Through the [Modelithics Vendor Partner \(MVP\) Program](#), FREE 90-day use of Modelithics models for by AMOTECH, Coilcraft, Kemet, Kyocera-AVX, MACOM, Smiths Interconnect, and Vishay components are available to approved customers. For more information or to request a free use of the vendor sponsored Modelithics models through the MVP Program, please visit [www.modelithics.com/mvp/vsl](http://www.modelithics.com/mvp/vsl).

The new Modelithics models are available within the Modelithics COMPLETE Library v22.3 for Keysight Genesys. For more information about this new release and further details on the new models available, please review the [v22.3 release notes](#). To request a free trial, please visit the Modelithics website at [www.Modelithics.com/MVP/Genesys](http://www.Modelithics.com/MVP/Genesys).



### **About Modelithics, Inc.**

Modelithics, Inc. ([www.Modelithics.com](http://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 Modelithics mmWave & 5G 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 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.