Modelithics®
World's Best RF & Microwave Simulation Models

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Modelithics® Releases the COMPLETE Library v23.0 for Keysight Technologies PathWave RF Synthesis (Genesys)

Tampa, Florida (March 8, 2023) – Modelithics® is pleased to announce that version 23.0 of the Modelithics COMPLETE Library™ for Keysight PathWave RF Synthesis (Genesys) is now available and includes compatibility with Keysight Genesys 2023. **The Modelithics COMPLETE Library for Keysight Genesys now represents nearly 700 models that represent more than 26,000 components from almost 60 vendors.** The Modelithics COMPLETE Library™ for Keysight PathWave RF Synthesis (Genesys) supports the Vendor Parts Synthesis (VPS) capability, which automates the selection of discrete parts from the Modelithics COMPLETE Library.

Version 23.0 adds new substrate-scalable Microwave Global Models™ for five (5) ultra-broadband capacitors from KYOCERA-AVX: 550W103 (10 nF), 550Z104 (100 nF), 550Z224 (220 nF), 560Z104 (100 nF), and 560Z224 (220 nF). The models for the 550W103, 550Z104, and 550Z224 capacitors are validated to 110 GHz, while the models for the 560Z104 and 560Z224 capacitors are validated to 67 GHz. Also included in version 23.0 is a new Microwave Global Model for the Smiths Interconnect TS06 attenuator series. This model is validated from DC to 40 GHz and covers the full attenuation range of the TS06 series (0 to 20 dB).

Through the Modelithics Vendor Partner (MVP) Program, FREE 90-day use of Modelithics models for Kyocera-AVX and Smiths Interconnect 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.

For more information about this new release and further details on the new models available, please review the v23.0 release notes. To request a free trial, please visit the Modelithics website at www.Modelithics.com/MVP/Genesys.

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 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.

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