Modelithics®
Accelerating Your Design Success!

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FOR IMMEDIATE RELEASE

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Now Available: Modelithics COMPLETE Library v24.7 for Cadence AWR Design Environment

Tampa, Florida (December 12, 2024) – Modelithics® is pleased to announce the release of the latest version, v24.7, of the Modelithics COMPLETE Library™ for the Cadence AWR Design Environment Platform. This release of the Modelithics COMPLETE Library for Cadence AWR Design Environment includes **over 50 new models, representing 2,110 additional components. With this addition, the library now represents over 28,000 components from 75+ vendors.** The release includes compatibility with Cadence AWR Design Environment v17.03+, as well as Cadence AWR Design Environment v16.

This release includes over 40 new Microwave Global Models™ for capacitor, resistors and inductors are available for Amotech, Dalicap, Johanson Technologies, Kyocera-AVX, Murata, Susumu, TDK, Voltronics, and Würth Elektronik. ~~E~~ight (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.

In addition, included in this release is a new measurement-based behavioral model for Analog Devices amplifier ADL8142 that is validated up to 67 GHz, and includes Modelithics advanced model features: bias, substrate and temperature selectability. A new large-signal model for TagoreTech HMT GaN power transistor, which is valid for Class AB and Class C operation and includes enabling intrinsic I-V sensing. 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.

Through the Modelithics Vendor Partner (MVP) program, as Sponsoring MVPs, FREE 90-day use of Modelithics models for Amotech, Dalicap, Johanson Technologies, Kyocera-AVX, Susumu, Tagore, and Tecdia 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 v24.7 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 & 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 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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