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## **FOR IMMEDIATE RELEASE**

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# Just Released! Version 12 of the Modelithics COMPLETE Library for Keysight Technologies' Advanced Design System

## **Includes Compatibility with Keysight ADS 2015!**

Tampa, Florida (April 7, 2015) – Modelithics, Inc., the industry leader in simulation models for RF, microwave, and millimeter-wave devices, announces the release of The Modelithics COMPLETE Library version 12 for use with Keysight Technologies' Advanced Design System (ADS). The Modelithics COMPLETE Library offers the industry's most comprehensive collection of advanced and highly scalable simulation models for passive (CLR) components and non-linear models for active devices such as diodes, transistors, amplifiers and more. Modelithics models offer valuable features that help to significantly speed up the design process.

Modelithics COMPLETE Library V12 has over 50 new models and now includes over 560 models total, representing over 11,000 components. New models include Microwave Global Models™ for AVX capacitors, a Passive Plus broadband capacitor, CoilCraft inductors, and passive components from Murata, Taiyo Yuden and TDK. New non-linear simulation models just added with this release are those for AVX couplers and diplexers, Skyworks varactor diodes, Freescale MOSFETs, and X-parameters\* models for amplifiers from Mini-Circuits and Qorvo (formerly RFMD).

Many enhanced features have been introduced, including full compatibility with ADS 2015. Discrete optimization based on available vendor values is now built-in for all CLR part scalable and selectable models. Two new control features have been added to allow designers to customize default settings for layout layers and pad dimensions. Layout Control allows customization of drawing layer definitions when using ADS to generate layouts. Pad Control lets users choose a default pad setting, such as Modelithics default or IPC. Many models have been renamed for consistency due to manufacturer changes, etc.

Modelithics offers a FREE evaluation library, Modelithics SELECT, which contains a sampling of the advanced simulation models. The SELECT library can be downloaded from the Modelithics website: [www.Modelithics.com](http://www.Modelithics.com). A more comprehensive trial library, Modelithics EXEMPLAR, is also available. EXEMPLAR is a representative subset of all models in the Modelithics COMPLETE Library, and contains all models needed to run the many example projects on the Modelithics website and as part of the standard installation of Modelithics COMPLETE Library. For more information, please contact Modelithics at [sales@modelithics.com](mailto:sales@modelithics.com).



### **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). Current products include the *CLR Library™*, which contains measurement-based *Microwave Global Models™* for a multitude of commercially-available passive component families, the *NLD Library™* (non-linear diode models) the *NLT Library™* (non-linear transistor models), and the *SLC Library™* (*system level component models*). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics® is a registered trademark of Modelithics, Inc. CLR Library™, NLD Library™, NLT Library™, and the SLC Library™ are also trademarks of Modelithics, Inc.

\*X-parameters is a trademark and registered trademark of Keysight Technologies in the US, EU, JP, and elsewhere. The X-parameters format and underlying equations are open and documented. For more information, visit <http://www.Keysight.com/find/eesof-x-parameters-info>