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Modelithics COMPLETE Library v10.1 of Simulation Models Now Available for AWR's Microwave Office

EL SEGUNDO, Calif. and TAMPA, Fla. – June 3, 2013 – AWR Corporation, the innovation leader in high-frequency EDA software and Modelithics, Inc., the industry leader in simulation models for RF, microwave, and millimeter-wave devices, announce the availability of Version 10.1 of the Modelithics COMPLETE Library of passive and active device models for AWR's Microwave Office® high-frequency design software.

The Modelithics COMPLETE Library offers the industry's most advanced simulation models for passive components, transistors, diodes, and more, which are completely integrated within Microwave Office. This joint offering provides designers with the confidence to accurately complete their next design with highly scalable models that take pad parasitic effects, substrate effects, and more into account.

 "Modelithics develops the industry's highest quality, scalable measurement-based models that are designed to work seamlessly within AWR's popular circuit design software," said Larry Dunleavy, co-founder of Modelithics. *"With this new release, the Modelithics COMPLETE*

Library now represents over 8600 individual components, providing the RF and microwave design community with more extremely accurate models and improved features."

"As a global reseller of the Modelithics COMPLETE library, AWR customers worldwide benefit from easier and more convenient access to and installation of Modelithics' highly accurate, well documented model libraries," said Sherry Hess, vice president of marketing at AWR. *"The new Version 10.1 release provides an even greater breadth of choices within Microwave Office that enable designers to improve product performance and cut design cycles."*

Version 10.1 introduces 28 new Global Models™ for popular surface-mount RLC component families from vendors such as Passive Plus, AVX, Aeroflex, and Chilisin. The Passive Component (CLR™) Library within Modelithics COMPLETE now contains the first Modelithics Global Model for conical inductors from Piconics, validated up to 65GHz and in multiple mounting configurations.   The v10.1 System Level Component (SLC) Library includes new broadband Global Models for Aeroflex attenuator families. The free SELECT Plus™ library, included with Modelithics COMPLETE, now has Global Models for two Mini-Circuits attenuator families, with validations through 30GHz.

Additionally, upon customer request, Modelithics has added access points to internal voltage and current probes on select power transistor models, including a 10 W Nitronex gallium nitride (GaN) model that is part of the SELECT Plus Library. A number of models have also been updated for improved solder pad de-embedding accuracy and a new flexible "pad mode" features has been added to some models, especially of interest to designers interested in performing EM co-simulations with Modelithics models.

Designers can download Modelithics SELECT from www.modelithics.com and see for themselves why Modelithics libraries are a necessary part of their RF design toolkit. For more information or to request a free full-version trial of the Modelithics COMPLETE Library, contact Modelithics at Sales@Modelithics.com, or click on the free trial link you'll find at: http://www.modelithics.com.

For AWR customers, the Modelithics COMPLETE library can be licensed directly through AWR either as an add-on module to or as part of an AWR Microwave Office bundled configuration. Contact your local AWR sales representatives for more information or visit www.awrcorp.com.

About AWR

AWR, the innovation leader in high-frequency EDA software, dramatically reduces development time and cost for products employed in wireless, high-speed wired, broadband, aerospace and defense, and electro-optical applications.
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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). Current products include the CLR Library™, which contains measurement-based 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.

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