Modelithics®

Precision Measurements and Models You Trust

Agilent Technologies
Solutions Partner

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Modelithics Releases Version 11.2 of the Modelithics COMPLETE Library for Agilent Technologies Genesys RF and Microwave Design Software

Compatible with Genesys 2014.03!

Tampa, Florida (June 19, 2014) – Modelithics, Inc., the industry leader in simulation models for RF, microwave, and millimeter-wave devices, announces this year's major release of the Modelithics COMPLETE Library version 11.2 for Agilent Genesys. New simulation models have been added for passive capacitor, inductor, and high power resistor families, as well as active semiconductor devices from popular vendors, including AVX, Aeroflex/Inmet, Coilcraft, M/A-Com, Passive Plus, Rohm and Syfer.

Additions to the Modelithics COMPLETE Library for Agilent Genesys, include 38 new substrate- and part-value-scalable Global Models™ and 16 new part-value selectable S-parameter models, each representing entire families of popular passive components. The new release also includes four new nonlinear active device models. The new models are designed with extensive capabilities to provide exceptional simulation accuracy, design flexibility and customization. With this new release, the Modelithics COMPLETE Library now represents approximately 10,000 RF & MICROWAVE DEVICES.

The v11.2 Modelithics library for Genesys also has enhanced pad scaling for over 80 passive models to include industry standard (IPC) least and most pad dimension limits. The new S-Parameter library contains a selection of S-parameter file-based models that have previously only been available by individual download from the Modelithics website. All S-parameter models are now conveniently available in the Modelithics part selector within Genesys and include part-value selection, layouts and quick access to model information data sheets. The v11.2 library is also compatible with the new 64 bit version of Genesys 2014.03.

Modelithics offers a free evaluation library, called Modelithics SELECT, which contains a sampling of the advanced simulation models. The SELECT library can be downloaded from the

Modelithics website: www.modelithics.com. For more information, including information on Special Order Modeling and nonlinear model X-parameters* conversion services for Genesys, please contact Modelithics at sales@modelithics.com.

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). The COMPLETE library includes all major Modelithics products: 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. 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 Agilent 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.agilent.com/find/eesof-x-parameters-info.

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