

## *News Release*

# **Modelithics Expands Non-Linear Transistor Library; Adds TriQuint Models and More**

Version 4.0 Now Available for Agilent ADS!

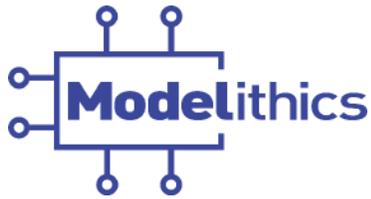
*Tampa, Florida —May 2009*

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Modelithics, Inc. has announced the release of an enhanced version of the *Modelithics NLT Library™ version 4.0*, now with support for new TriQuint Semiconductor GaAs pHEMT and HFET models, among other updates.. The Modelithics' Non-Linear Transistor (NLT) Library enables RF designers to model key performance parameters with high accuracy eliminating the expense or time necessary with PC board prototyping. Version 4.0 of the *NLT Library* features these. Additional models for a range of TriQuint Semiconductor's TGxxx amplifiers are also contained in Modelithics recently updated System Level Component (SLC) Library version 2.0.

The new *Triquint models* make it faster and easier for design engineers to predict noise, substrate effects, temperature dependence, broad-bandwidth, non-linear distortion, efficiency and high power, among other stringent requirements commonly required in state-of-the-art RF & microwave design.

*"TriQuint continually seeks to simplify RF connectivity by providing comprehensive technical assistance and resources, such as our own 'Technical Connection' series. The updated Modelithics library will help our customers quickly*



*access an expanding collection of technical resources, streamlining design,” explained Doug Slansky, Senior Product Marketing Manager, TriQuint Semiconductor, Inc.*

*“Both TriQuint and Modelithics share the goal of increasing design efficiencies and decreasing design costs. By working together, we are providing customers a seamless tool,” stated Larry Dunleavy, CEO of Modelithics, Inc.*

Free use of the new TriQuint models can be requested at the following web link: <http://www.modelithics.com/mvp/Triquint/> . The NLT 4.0 upgrade will also be forwarded, free of charge, to all customers currently under a Modelithics Platinum Maintenance contract for either the *NLT Library* or the *Modelithics Library Complete for ADS*. See release notes outlining other updates at: [www.modelithics.com/products.asp](http://www.modelithics.com/products.asp). This web area also includes complete listings of models for all of Modelithics available libraries. To request a free trial of Modelithics Library models, contact: Sales@Modelithics.com, or click on the model download request link found at: [www.modelithics.com](http://www.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 software products include the CLR Library™, which contains measurement-based Global Models™ for a multitude of commercially-available passive components, the NLD Library™ (non-linear diode models), the SLC Library™ (system level component models) the NLT Library™ (non-linear transistor models) and most recently VersiCal™ a program that enables accurate broadband in-fixture VNA calibrations with lumped standards. Modelithics® services also address a wide range of custom RF and microwave measurement and modeling needs. Contact sales@modelithics.com for more information.

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