



## *News Release*

### **Modelithics Offers Free Custom Modeling Along with Major Update to Active and Passive Model Library for Agilent ADS**

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Modelithics, Inc. ([www.modelithics.com](http://www.modelithics.com)) is pleased to announce the release of Modelithics® COMPLETE Library version 9.0 for Agilent Advanced Design System (ADS). This latest release introduces over thirty new highly scalable Global Models™ for popular surface mount RLC components from vendors such as ATC, AVX, Coilcraft, Murata, Temex Ceramics, Taiyo-Yuden and TDK. Modelithics COMPLETE v9.0 adds twenty-two (22) new non-linear models for diodes, transistors and amplifiers, including models for several GaN power transistors, a 150 W LDMOS transistor, and an X-parameter™ model for a 100 W Freescale amplifier. This release contains several new ultra-broad-band mm-wave models, including 65GHz-validated models for Piconics conical



inductors and 125GHz-validated non-linear models for Virginia Diodes devices. Modelithics COMPLETE v9.0 for ADS also introduces a new measurement-based substrate library for popular soft and thin-film boards.

Designers can download our updated free model library, Modelithics SELECT™ from [www.modelithics.com](http://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 click on the free trial link you'll find at: <http://www.modelithics.com> . As a time-limited promotion, Modelithics will offer free custom modeling for commercially available passive or active devices not yet in our library to customers purchasing one or more licenses of Modelithics COMPLETE Library. Contact Modelithics at [Sales@Modelithics.com](mailto:Sales@Modelithics.com) for details, some restrictions may apply.

### **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 *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 address a wide range of custom RF and microwave measurement and modeling needs.

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