

News Release

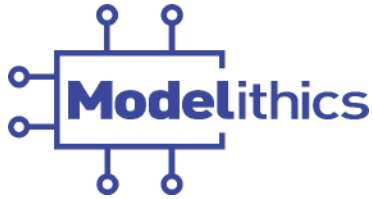
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Modelithics' Version 2.1 of the Non-Linear Transistor Library (NLT) Models for Agilent Advanced Design System (ADS):

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Modelithics, Inc. (www.modelithics.com) has released an enhanced version of their powerful and feature-rich Non-Linear Transistor Model Library for Agilent-ADS. This Modelithics NLT Library™ upgrade adds several new models to the current collection of well-documented MOSFET, JFET, BJT, HBT, MESFET, HEMT and LDMOS transistors models. The library consists of high accuracy non-linear and noise models from leading semiconductor manufacturers like Agilent/Avago, Eudyna/Fujitsu, Freescale/Motorola, Infineon, NEC, On-Semi, Mitsubishi and Philips. These substrate-scalable transistor



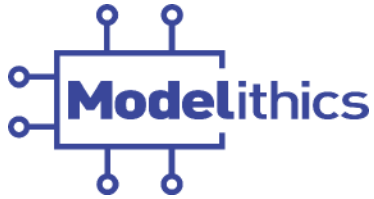
models are valid over a continuous range of substrate thickness and dielectric constant. The temperature dependent models include applicability over a wide range of operating temperatures and include bias-dependent self-heating effects. The models incorporate bias-dependent factors to describe non-linear I-V and C-V characteristics, predict harmonics and reflect variations with RF power, DC bias as well as source and load impedance. Many models are validated against load-pull, TOI and noise parameter measurements, depending on the device and its intended application. Models for other transistors including GaN and on-wafer foundry devices are available through special ordering.

This upgrade will be forwarded, free of charge to all customers currently under a Modelithics Platinum Maintenance contract.

For further information and to request a free trial of the Modelithics NLT Library, NLD (Non-Linear Diodes) Library, SCL (System Component) Library or CLR (Passive) Library contact Modelithics at Sales@Modelithics.com, or click on the free trial link you'll find at:

<http://www.modelithics.com/mvp/ADS>

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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 components, the *NLD Library™* (non-linear diode models), the *SCL* (system component models) *Library™* and the *NLT Library™* (non-linear transistor models). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs.

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