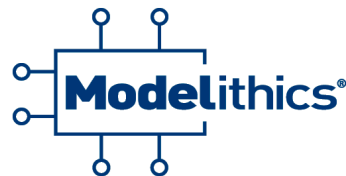


MODELITHICS INCORPORATED

Precision Measurements and Models You Trust

2nd Quarter Newsletter—2013



What Designers are saying:

“I recently used the ATC 600 series 0402 library, and I was impressed with the results. I designed a 2-18 GHz diplexer that has a crossover at 6 GHz, made a crude prototype PCB, and the measured results were very close to the simulation, which verifies the model, at least for that capacitor is very accurate.”

Chris Zuhlke, Aeronix Corporation

NEW PRODUCT RELEASE!

Modelithics Library for AWR Microwave Office v10.1

Announcing the newest version of Modelithics COMPETE Library for AWR Microwave Office design environment.

This release contains many new models, including:

- Passive Plus capacitors
- Aeroflex attenuators and resistors
- AVX capacitors
- Mini-Circuits attenuators
- Chilisin Inductors



For more information see the [Version 10.1 Release Notes](#)



International Microwave Symposium
IEEE 2-7 June 2013, Seattle, WA MTT-S



Download the "[Road to IMS](#)" map and entry form, visit the booths of Road to IMS sponsors and get your map stamped. Enter to win great prizes!!!



Modelithics is pleased to again sponsor the IEEE MTT-S Student PA Design Competition—Winners will receive a free Modelithics Library!



- **Visit Modelithics booth #1241 at IMS 2013**
- **Learn about our top quality simulation models**
- **Have fun and play "Hit Your Design Target" for a chance to win some great prizes, including an iPad Mini!**

Modelithics Participates in the Rohde & Schwarz InnoComp Trade Fair in Munich, Germany-May 16, 2013

The trade fair promotes cooperation between external partners and developers at Rohde & Schwarz.



Modelithics will attend and present at the National Research Council Canada GaN Workshop foundry on June 10, 2013 in Ottawa, Canada.



NRC Industrial Research Assistance Program

Announcements:

We have moved!

Modelithics, Inc.
3802 Spectrum Blvd.
Suite 130,
Tampa FL 33612



Recent Press Releases

Nuhertz Integrates Modelithics Models into Filter Design Software. See [Nuhertz MVP page](#) for more information.



Mini-Circuits Sponsors Free X-Parameter Models for Popular Surface Mount Amplifiers. Click [here](#) to visit the page for more information and to request model downloads.

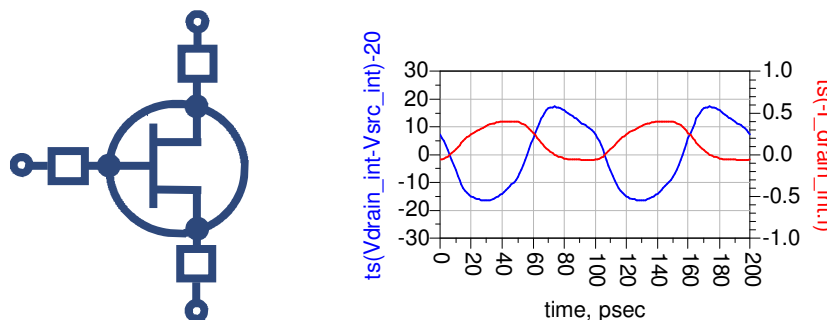


New “Pad Mode” Feature for Modelithics Models in v10.0 and Later Libraries

A new “Pad Mode” parameter has been added to some models to control the placement of the model pads in the layout. This new feature is intended to eliminate duplicate pad calculations when running co-simulations with an EM analysis engine.

New Internal Voltage/Current Probe Feature for PA Designers

Introducing a new advanced feature for transistor models allowing intrinsic voltage/current sensing. This new feature will provide PA designers internal voltage/current access for waveform inspection and tuning.



Transistor model representation showing internal ports (inner filled-blue circles), extrinsic parasitic networks (squares), and external ports (outer circles). The plot shows the results of an example harmonic balance simulation of a transistor model with the new intrinsic current/voltage access capability. A GaN model included in Modelithics SELECT Plus free library now includes this new feature. Click [here](#) to request Modelithics SELECT Plus.

Current Promotions:

Special Order Modeling Discount or Credit Towards Library Purchase

Special Order models will expand your existing Modelithics Library to include specific simulation models that you may need for current or future designs. Such models can be added at a discount for existing Modelithics Library customers. New Library customers can receive a significant discount on Special Order modeling with the purchase of a Modelithics Library. For more information, contact sales@modelithics.com.

Pre-Release Library

Pre-Release models will expand your existing Modelithics Library to include specific simulation models in a short time at a low cost. These are models at various stages in the development process. For more information, contact sales@modelithics.com.

Presentations

Informational papers to help you get the most out of our models.

- [Modelithics and Nuhertz Used Together in AWR Simulator Presentation](#)
- [Video demo of integrating Modelithics, Nuhertz, and AWR MWO](#)

Recent Articles

Printed articles you may have missed in industry related magazines.

[Mini-Circuits and Modelithics collaborate to develop high accuracy EDA simulation attenuator models](#)

Published by *High Frequency Electronics*, May 2013, p.14

The latest release of Modelithics COMPLETE Library for Agilent Technologies Advanced Design System

Published by *High Frequency Electronics*, May 2013, p.68

Modelithics Announces new Collaborations with [Mini-Circuits](#), [Passive Plus Inc.](#) and [Piconics, Inc.](#)

Published by *Microwave Journal*

[Nuhertz Integrates Modelithics Models Into Filter Design Software](#)

Microwave Journal

Check out the new layout and feel of our [Promotions and Free Tools Page](#)



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