

**What Designers are saying:**

*"I have used Modelithics models for almost 10 years when designing high power amplifiers operating from low MHz to 6GHz and spanning power levels from 5W to 1KW and have had great success in the predicted performance that these models offer over standard s-parameter models. These models have aided in our single iteration success when moving from the paper design to the bench."*

Tom Kelly, Principle Engineer—NXP



**IMS 2014 Countdown**



**A Special Welcome...**

Modelithics co-founders Larry Dunleavy and Tom Weller are eager to welcome the microwave community to Tampa, Florida as they team up as Chair and Co-chair of [IMS2014!](#)

**New Program Highlights:**

*Project Connect*

Special opportunity for under-represented groups at the undergraduate level in science/engineering/technology fields. Selected participants will receive a travel grant to attend IMS 2014 in Tampa, FL, and will be able to attend Project Connect activities throughout IMS week. Students interested in applying or companies interested in sponsoring can find information [here](#).

**S.T.E.M. Program**

Informational program for local or other IMS-attending high-school students interested in **Science, Technology, Engineering, and Math (S.T.E.M.)**. Click [here](#) for information.



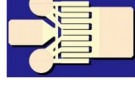
The paper submission deadline for [WAMICON](#) has been extended! Papers will be accepted through March 1, 2014.



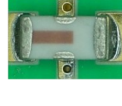
Like Modelithics on Facebook for periodic updates and occasional special offers: <http://www.facebook.com/Modelithics>



**Announcements:**



Modelithics, Inc. and TriQuint Semiconductor have collaborated to provide FREE Modelithics models of [TriQuint GaN Transistors](#) (upon approval). Features include scaling of operating voltage, bias testing, temperature effect simulation, and internal node access. Request free GaN models on the [TriQuint MVP page](#)



Mini-Circuits and Modelithics, Inc. have collaborated to provide FREE downloads of [microwave amplifier X-parameters\\*-based models](#), along with substrate-scalable [LTCC filter](#) and [miniature attenuator](#) models. These models are scalable with various geometric and component parameters, and some are validated up to a frequency of 30GHz. Request free Mini-Circuits models on the [MiniCircuits MVP page](#).

**Recent Press Releases:**



**Mini-Circuits and Modelithics Collaborate to Provide Free, Advanced Simulation Models for over 20 RF & MW Filters**

[Full Press Release](#)



**Modelithics Welcomes Syfer as MVP and Announces New MW Global Model™ for 0603 High Q Capacitors**

[Full Press Release](#)

**Current Promotions:**

**Special Order Modeling Discount or Credit Towards Library Purchase:** Receive a special discount by combining a purchase or upgrade of your Modelithics library with special order modeling. For example, customers interested in the development of one or more new component models can receive a significant discount on the purchase or upgrade of the Modelithics library of RF and MW simulation models. Or vice versa— purchase the Library and receive credit on having any model of your choice\* developed. \*Certain restrictions apply. For more information, contact [sales@modelithics.com](mailto:sales@modelithics.com).

**Pre-Release Library:** [Pre-release models](#) will expand your existing Modelithics Library to include certain simulation models quickly and cost-effectively. These models are at various stages in the development process. For more information, contact [sales@modelithics.com](mailto:sales@modelithics.com).

**Application Notes:**

[Behavioral Modeling Of A Broadband Microwave Receiver](#)

By Modelithics, Inc.

**Presentations:**

[Tutorial –X-Parameters\\*-Based Models for Mini-Circuits Amplifiers](#)

By Larry Dunleavy

**Recent Articles:**

[Study Of Self-heating In GaAs PHEMTs Using Pulsed I-V Analysis](#)

By B. Schwitter, S. Albrahrami, A. Parker, L. Dunleavy, M. Heimlich



Browse our [Modelithics Vendor Partner](#) pages to find:

- List of available models for a specific vendor
- FREE models
- FREE S-Parameter downloads
- Literature related to specific vendors



IMS2014: 1-6 June 2014! Join us in Tampa Florida

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