

What Designers are saying:

We have worked with Modelithics for a few years now and have been very pleased with their work as well as our collaboration as a Strategic Modelithics Vendor Partner. Modelithics always delivers high quality and accurate data and models that expand on our own product data for the benefit of our customers.

Brian Goodhue, Vice President - Engineering, Piconics, Inc.

What's New

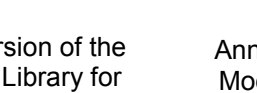
- [Modelithics Celebrates 15 Year Anniversary!](#)
- [Just Released! Modelithics COMPLETE Library for Keysight ADS](#)
- [New Modelithics COMPLETE Library for Keysight Genesys](#)
- [Take a look at the NEW Modelithics Website!](#)
- [More Models Added to the Modelithics® Qorvo GaN Library](#)
- [Visit Us at WAMICON in Clearwater, FL and IMS 2016 in San Francisco](#)
- [Announcements: Chalmers University Courses, new Sales Manager, and Passive Plus Sponsoring Free 90-Day Model Trials](#)
- [The CLR Library for ANSYS is Now Available, Request A Trial!](#)
- [Modelithics on YouTube! Visit our Channel](#)
- [Current promotions—Free Special Order Modeling with Library Purchase](#)
- [MVP Spotlight: Keysight Technologies](#)



Modelithics was incorporated in Florida in March of 2001 as a spinout from the University of South Florida and the first company in a new USF technology incubator program. Our first customer was Motorola. Since then, we have provided measurement and modeling services for, and our model library software is now in use by, hundreds of companies world-wide. We were also very pleased to achieve a record 95% on-time delivery to our measurement and modeling service customers last year!

2 New Product Releases

Modelithics COMPLETE Library v16.0 for Keysight Advanced Design System (ADS) and Genesys



Announcing the latest version of the Modelithics COMPLETE Library for [Keysight Technologies ADS](#).

Version 16.0 contains over 50 new models plus new features including:



For more information see the v16.0:

[Release Notes](#) [Press Release](#)

Announcing the latest version of the Modelithics COMPLETE Library for [Keysight Technologies Genesys](#).

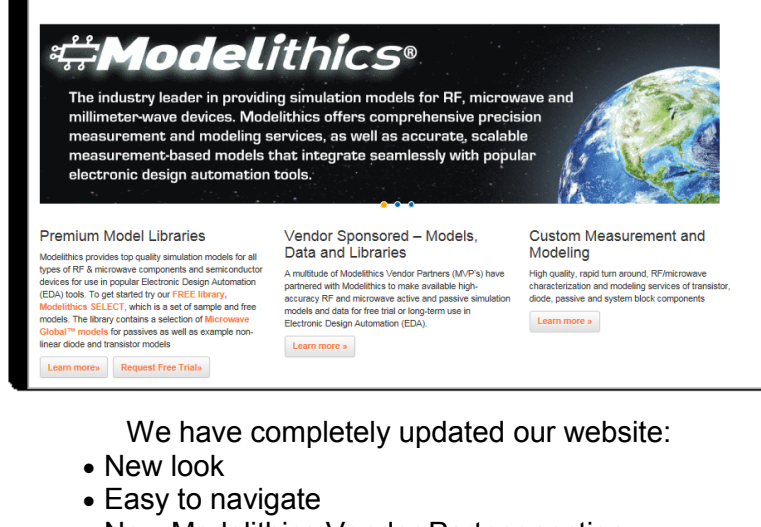
Version 12.3 contains 120 new models plus new features including:



For more information see the v12.3:

[Release Notes](#) [Press Release](#)

Take a Look at the Brand New Modelithics Website!



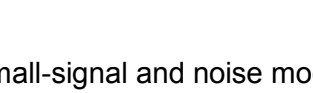
We have completely updated our website:

- New look
- Easy to navigate
- New Modelithics Vendor Partner section - check out all of our new MVP's!
- [Let us know what you think](#)

New Models Added to the Modelithics® Qorvo GaN Library- v1.6.6 Contains 43 Package and Die High Power Transistor Models *FREE access sponsored by Qorvo*

The latest release of the Modelithics Qorvo GaN Library is now available. Newly added models include those for 0.15um high frequency die transistors:

- TGF2933
- TGF2934
- TGF2935
- TGF2936
- TGF2941
- TGF2942



These latest additions include small-signal and noise models in addition to large-signal non-linear models. The library covers models for GaN transistors supporting high power amplifier designs from 15W to over 280 W, with advanced features such as self-heating and temperature effect modeling, intrinsic voltage/current sensing and extensive documentation of model features as well as device and PA level model validations.

[View Release Notes](#) • [Request Qorvo GaN Library](#)



**IEEE Wireless and Microwave Technology Conference
WAMICON 2016** April 11th to 13th 2016
Marriott Suites on Sand Key - Clearwater Beach, Florida

Modelithics will be exhibiting and also presenting the following paper:

Centering Simulation Model Based on Actual versus Nominal Capacitance Value, by H. Patel, L. Levesque, L. Dunleavy and H. Morales of Modelithics, and M. Laps of KEMET

Please visit us in Clearwater Florida April 11-13! WAMICON always provides for a stimulating technical engagements and outstanding networking opportunities! See www.wamicon.org for details.



International Microwave Symposium IMS2016
22-27 May 2016 San Francisco, California

Visit Modelithics at Booth 1138! We are planning many activities and want to meet with as many of our customers as possible. Please contact sales@modelithics.com to request an appointment as our schedule fills up fast!

Take a look at the IMS RF Boot Camp—Register now!

Modelithics co-founder Dr. Larry Dunleavy will present 3 tutorials during the RF Boot Camp with training on Basic Analog RF Transceiver Design, Impedance Matching Fundamentals, and GaN PA design basics, all using advanced component models for system design. Presenters from Keysight and Antenna Magic will present on additional basic RF topics.

Announcements:

[Modelithics Models for Passives and GaN Power Transistors to be used in Chalmers University Electronics Design Courses](#)

[Modelithics, Inc. Appoints Angie Rogers to Sales Manager](#)

[Passive Plus, Inc. Offers the Modelithics Passive Plus Component Library as a Free 90-Day Trial](#)

The CLR Library for ANSYS HFSS is Available Now

Visit the [ANSYS MVP page](#) on the Modelithics website and click on the “Free Trial” tab to request an evaluation. Add ANSYS HFSS support to your Modelithics Library with a multi-simulator license upgrade to your existing installation, or as a stand-alone license!



See the latest video presentations by Modelithics, including demonstrations, how-to's, “Modelithics Overview”, and more!



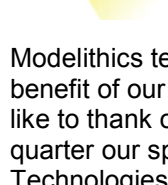
[Visit the Modelithics YouTube Channel!](#)

Current Promotions:

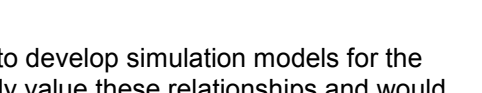
Ask Us About Ongoing Special Offers:

- Combined Special Order modeling project and Modelithics Library purchase discount offer. Certain projects qualify for a free Modelithics Library!
- Modelithics Pre-Release Library: new models in the development stage that are available at a discount and with shorter delivery times.

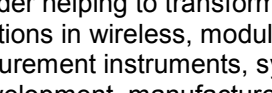
Contact sales@Modelithics.com for more information.



MVP Spotlight



Modelithics teams with many companies to develop simulation models for the benefit of our mutual customers. We highly value these relationships and would like to thank our MVP's by highlighting one of our MVP's in each newsletter. This quarter our spotlight is on COOPERATIVE Modelithics Vendor Partner, Keysight Technologies! (Look for a related upcoming advertisement in the May Issue of Microwave Journal!)



Keysight Technologies (NYSE: KEYS) is a global electronic measurement technology and market leader helping to transform its customers' measurement experience through innovations in wireless, modular, and software solutions. Keysight's electronic measurement instruments, systems, software and services are used in the design, development, manufacture, installation, deployment and operation of electronic equipment.

Through the Cooperative Modelithics Vendor Partner (MVP) program, Keysight and Modelithics collaborate to develop and promote the Modelithics COMPLETE Library for Keysight EEs of EDA Advanced Design System (ADS) simulation software and Genesys RF simulation and synthesis software. The Modelithics COMPLETE Library is an extensive collection of high accuracy simulation models that offer special scalability features. The models are designed to work with many of the powerful analysis tools in Keysight EDA software such as statistical analysis and EM co-simulation. Visit the [Keysight Technologies ADS MVP page](#) or [Keysight Technologies Genesys MVP page](#) on the Modelithics website for more information.

To discontinue your subscription to Modelithics News, please [click here](#).
Questions or comments? E-mail us at support@modelithics.com or call 888.359.6359



www.Modelithics.com