

4th Quarter Newsletter - 2015

Season's Greetings

What Designers are saying:

Inmet's partnership with Modelithics continues to provide our customer base access to the information needed to speed up their design process and select the appropriate devices for integration into their circuit designs. Providing S-Parameter data as well as equivalent circuit models for some of our commonly used chip resistors and attenuators has generated an easily accessible library intended to ultimately lower the cost and time associated with initial circuit design efforts. Looking forward, we are excited about the new release of a temperature dependent equivalent circuit model for our recently introduced family of temperature variable chip attenuators, which will allow customers to simulate RF performance over temperature as well as frequency.

Craig Lindberg, VP/General Manager of API Inmet, Inc.

What's New

- [Try it now! Explore the NEW Modelithics CLR Library for ANSYS HFSS](#)
- [Special Offer for Existing Modelithics Library Customers](#)
- [New Release of the Modelithics Qorvo GaN Library](#)
- [Modelithics Welcomes 8 Companies to the NEW MVP Program!](#)
- [Announcements: Modelithics Welcomes HiTech as New Rep / Official Release of the Modelithics CLR Library for ANSYS HFSS](#)
- [New Modelithics App Notes—Modelithics CLR Library in ANSYS HFSS, and Using Modelithics Models for Statistical Analysis in ANSYS Electronics Desktop](#)
- [Modelithics on YouTube! Visit our Channel, PLUS Accurate and Scalable Surface Mount Models for ANSYS HFSS](#)
- [Current promotions—Special HOLIDAY offers and more...](#)
- [MVP Spotlight: VISHAY](#)

Learn about the Modelithics® CLR Library for ANSYS HFSS

Explore Modelithics' Microwave Global Models™ for capacitors, inductors and resistors in the newest supported simulator, ANSYS Electronics Desktop/HFSS. For the first time, offering seamless electromagnetic co-simulation within one design environment:

- Video presentation and demo
- Modelithics CLR Library for ANSYS HFSS product datasheet
- Complete available model listing
- Links to Modelithics application notes highlighting model capabilities.
- Information on the Modelithics Vendor Partner (MVP) landing page for ANSYS.

FREE trial upon approval.

[CLICK TO LEARN MORE](#)



* SPECIAL OFFER *

ANSYS HFSS designers new to Modelithics can request a **FREE** 30-day trial of the Modelithics CLR Library for HFSS.

Existing Modelithics Library customers can request a **free extended** trial of the CLR Library for HFSS as an upgrade to "multi-simulator" to support the Modelithics CLR Library for ANSYS Electronics Desktop/HFSS, in addition to your currently supported EDA software tool. [Click here to request the trial and mention this Q4 newsletter offer.](#)

New Release of the Modelithics Qorvo GaN Library - v1.6.4 Contains 37 Package and Die Power Transistor Models

FREE access sponsored by Qorvo

The latest release of the Modelithics Qorvo GaN Library is now available. Newly added models include:

- TGF2819-FL (120W)
- TGF2819-FS (120W)
- TGF2929-FL (100W)
- TGF2929-FS (100W)

QORVO

Featuring precision GaN transistor models, developed for use with the most advanced design techniques.

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

Modelithics® Vendor Partner

The Modelithics Vendor Partner (MVP) Program has been updated with a goal of enhancing collaboration with popular vendors to promote model development and model availability for designers. Modelithics welcomes and thanks these companies for being the **first** to partner and show their commitment to providing excellent models and tools for high frequency electronic designers.

QORVO

PPI Passive Plus Inc.
RF & Microwave Components

Nubertz
The BEST in Filter Design

VISHAY

SONNET

ANSYS

Click on a logo to learn more about these MVP's!

NATIONAL INSTRUMENTS

knowles
DLI-Novacap-Syfer-Voltronics

Announcements:

[Modelithics Signs Hi Tech RF & Microwave Solutions as New Sales Representative for Belgium, Netherlands and Luxembourg](#)

HITECH
RF & Microwave solutions

[The NEW Modelithics® CLR Library for ANSYS HFSS Just Released!](#)

ANSYS

New App Notes and Papers:

AN054—[Modelithics CLR Library in ANSYS HFSS](#)

>>[Related ANSYS Electronics Desktop Example Project](#)

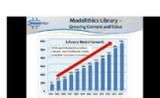
AN055—[Using Modelithics Models for Statistical Analysis in ANSYS Electronics Desktop](#)

>>[Related ANSYS Electronics Desktop Example Project](#)

Presentations / Videos:

[Overview of Modelithics Models—Making a Difference:](#)

How do Modelithics' equivalent circuit models help designers achieve first pass design success? This video gives a quick summary.



[Presentation: Accurate and Scalable Surface Mount Models for ANSYS HFSS](#)



Current Promotions:



Holiday and New Year Offers!

- **5% OFF** new Special Order Modeling Services if order received by January 31, 2016*
- **FREE** 1st years Maintenance on new library purchases if order is received by December 23, 2015*

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 and limitations.



Modelithics®
Vendor Partner

Modelithics Vendor Partner 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 selected MVP's in each newsletter. Our current spotlight is on STRATEGIC Modelithics Vendor Partner, Vishay!



Vishay is one of the world's largest manufacturers of discrete semiconductors (diodes, MOSFETs, and infrared optoelectronics) and passive electronic components (resistors, inductors, and capacitors). These components are used in virtually all types of electronic devices and equipment, in the industrial, computing, automotive, consumer, telecommunications, military, aerospace, power supplies, and medical markets. Vishay's product innovations, successful acquisition strategy, and "one-stop shop" service have made it a global industry leader. Vishay can be found on the Internet at www.vishay.com.

Through the Strategic Modelithics Vendor Partner (MVP) program, Vishay and Modelithics have collaborated to develop and promote new advanced high frequency simulation models for Vishay components. As an added benefit to designers, Vishay and Modelithics are providing **FREE 30-day use** of all models for Vishay components in the Modelithics Library. [Visit the Vishay MVP page on the Modelithics website for more information and to request the free trial.](#)

Warmest Wishes for a Happy
Holiday Season and a
Prosperous New Year!

~The Modelithics Team



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