

What Designers are saying:

"Modelithics is the hero of the RF/Microwave engineering profession. I can't think of a single company that has done more to advance our profession from a black art to a science."

Jeff Philips, RF Engineer| Microwave Engineer| Analog Engineer | Electrical Engineer| Hardware Engineer

What's New

- [Modelithics COMPLETE Library for ADS Now Represents 15,000+ Devices](#)
- [Visit Us at WAMICON April 24-25 in Cocoa Beach, FL](#)
- [Getting Ready to Catch the Wave at IMS 2017!](#)
- [Help Us Build Your Dream Library](#)
- [Announcements: New Turkey Rep. Sonnet CLR Library Reseller Agreement, Qorvo GaN Library v2.1](#)
- [Papers/Presentations/Videos: Microwave Supermodels™, Quickstart videos, Noise Parameter Measurements, Improved Model ROI](#)
- [Current Promotion—Special Order Modeling Discount!](#)
- [MVP Spotlight: Piconics!](#)

New Product Release! **15,000+!**

The Modelithics COMPLETE Library v17.0 for Keysight ADS— Over 15,000 Electronic Components from Over 65 Vendors Represented

The Modelithics COMPLETE Library, version 17.0 for Keysight Advanced Design System (ADS) features **NEW MODELS** for components from: Coilcraft, IPDIA, KEMET, Johanson Technology, Mini-Circuits, Würth Elektronik, Vanguard Electronics, KOA, Chilisin, Murata, Taiyo Yuden, ST Microelectronics, MACOM, Infineon, Mitsubishi, Avago and Giga-Lane.

...And **NEW FEATURES**:

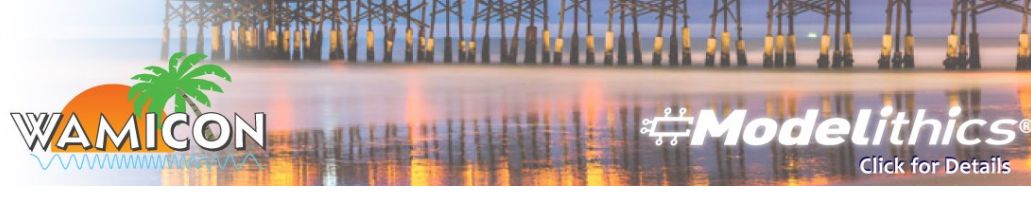
Solder mask and solder paste layout layers, additional Modelithics Substrate Library MSUB layers and ADS compatibility check.

[Release Notes](#)

[Press Release](#)

[Model List](#)

Visit us at WAMICON! • April 24-25 • Cocoa Beach, Florida



We are proud to sponsor the 2017 Wireless and Microwave Technology Conference (WAMICON) in Cocoa Beach, Florida.

Visit us at **Booth #13**

We will also be exhibiting and presenting several papers.

[Click here to register!](#)



4-9 June 2017
Honolulu, Hawai'i



VISIT US AT
BOOTH 1642

Modelithics is gearing up to **CATCH THE WAVE** in Hawaii at IMS 2017!

We will have a lot going on as usual...stop by our **booth #1642** to meet us and see presentations and demos about our advanced high frequency simulation models and new features of the models.

Modelithics will also be teaming up with Keysight in organizing and presenting at the [RF Boot Camp](#).

What's in YOUR
DREAM
LIBRARY?

[Visit the Modelithics Pre-Release Library Page](#)
Would you like to see any of the listed parts added to the Modelithics Library? Click on the "What's in Your Dream Library?" to send us your requests

Announcements:



Modelithics® Signs Aktif Nesor Elektronik Ltd. as New Sales Representative for Turkey



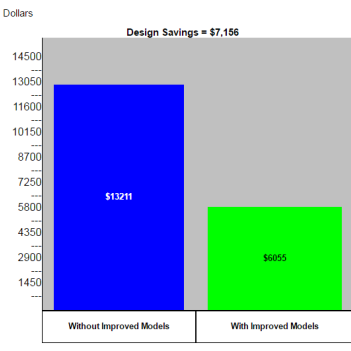
Modelithics® and Sonnet® Software have Signed a Reseller Agreement for Sales of the Modelithics CLR Library for Sonnet Suites



The Modelithics Qorvo GaN Library v2.1 is now Available, and Contains **66 Models** for Qorvo GaN Packaged and Die Transistor Devices

Papers/Presentations/Videos:

Article [Everyone Wants Better Models, But Where's the ROI?](#)—Published in High Frequency Electronics, February 2017

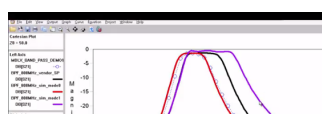


The investment in advanced models can show a very quick ROI!

NEW Application Note 058: [Accelerating Designs with Modelithics Microwave Supermodels™](#)—Learn about Modelithics' new Microwave Supermodels. A Supermodel is developed by combining all the latest available data into one model that contains the most complete part value range and scalability ranges for all parameters.



Video: [Modelithics Quickstart for Sonnet](#)—A video introduction to the Modelithics CLR Library for Sonnet Suites, including how to get started and a quick demonstration.



Video: [Modelithics Quickstart for Keysight ADS](#)—A video introduction to the Modelithics COMPLETE Library for Keysight Advanced Design System, including how to get started, all about the model features, and a demonstration of the models from within ADS.

Paper: [The Impact of ENR and Coaxial Calibration in Accurate On-Wafer Noise Parameter Testing for Ultra Low Noise Devices](#)—Presented at 88th ARFTG Conference, December 2016

Current Promotions:

MVP Complementary Libraries

Many of our Modelithics Vendor Partners (MVP's) are sponsoring FREE TRIALS of Modelithics models available for their components. See the full list of [Vendor Sponsored Libraries](#). Click on the individual company links to request the complementary model library use.



Ask Us About Ongoing Special Offers:

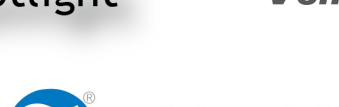
- Combined Special Order modeling project and Modelithics Library purchase discount offer. Certain projects qualify for a free Modelithics Library!
- [Modelithics Pre-Release Library](#): new models in the development stage that are available at a discount and with shorter delivery times.

Contact sales@Modelithics.com for more information.



MVP
Spotlight

Modelithics®
Vendor Partner



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 SPONSORING Modelithics Vendor Partner, **Piconics!**

Piconics is a world-class supplier of high-quality microelectronic coil inductors for a wide variety of applications in the space, military, telecom, test & measurement and medical electronics industries. Piconics specializes in miniature MIL-Spec grade inductors along with tight tolerance, fine awg windings such as the Broad-band Conical and Microwave Air Coil Inductors.

Through the Sponsoring Modelithics Vendor Partner (MVP) program, Piconics and Modelithics have collaborated to develop and promote new advanced high frequency data and simulation models for Piconics conical inductors. The Piconics conical inductor models include the full line of SMT conicals and have been validated up to frequencies from 40-65 GHz!

As a Sponsoring MVP, Piconics is currently sponsoring free 90-day trials of all available Modelithics-Piconics component models. [Visit the Piconics MVP page on the Modelithics website for more information and to request a trial.](#)

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