≈≈Modelithics®

World's Best RF & Microwave Simulation Models

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FOR IMMEDIATE RELEASE
March 1, 2021

Modelithics® Reaches Milestone of 20 Years in Establishment!

TAMPA, Florida (March 1, 2021) – Modelithics is honored to announce that it has crossed another milestone in the history of the company. As of March 1, 2021 Modelithics, will be **celebrating 20 years** of establishment. What began as a small spinout startup from the University of South Florida has risen to stand tall as the industry leader in RF, microwave and millimeter-wave measurements and measurement-based modeling of RF and microwave components and semiconductor devices. We are proud of our company's many innovative products, custom service projects, designer focused application notes and other accomplishments that have proven to be exceptionally productive for our customers.

Modelithics has become the industry leader in providing high quality custom modeling and measurement services for RF, microwave, and millimeter-wave electronic devices. Since 2001, Modelithics has provided precision measurement and modeling services with unmatched accuracy. Modelithics has set a standard for excellence in RF/MW model development and support. Modelithics' unsurpassed characterization and modeling services for passive and active devices include GaN, GaAs, full-wave 3D EM analysis-based modeling, S-Parameters, noise, load-/source-pull measurements, DC and pulsed IV measurements and more!

Through the years, Modelithics has grown the COMPLETE Library™ to contain over 775 highly scalable models, including substrate-scalable Microwave Global Models™ , accurate data-based behavioral models and non-linear models representing over 22,000 passive and active components from 70 of today's popular vendors. The Modelithics COMPLETE Library has become an **indispensable collection of simulation models** for all types of passive and active RF & microwave devices engineered to enable designers to go from concept to product faster and easier. Modelithics has also developed the COMPLETE+3D Library, which includes an extensive collection of CLR component models, plus a collection of over 300 3D Geometry models. Over the years Modelithics has also expanded its model compatibility for 6 of today's leading EDA simulation software tools, with additional simulators compatibility on the horizon. Through the Modelithics Vendor Partner Program, many vendor-specific libraries such as the fully-sponsored Modelithics-Qorvo GaN Library and Mini-Circuits Model Library have been developed and widely distributed world-wide.

"We are grateful to all of our customers and partners and our current and alumni team members who trusted in us to help them achieve their design goals, improve their own customer support and in the case of our team members, grow their careers in a dynamic and challenging environment." said Dr. Larry Dunleavy, Founder & CEO of Modelithics.

For more information about Modelithics custom characterization and modeling services, visit: https://www.modelithics.com/home/services. To request a free trial of the Modelithics COMPLETE Library or COMPLETE+3D Library, visit: https://www.modelithics.com/model.

Precision Measurements and Models You Trust

World's Best RF & Microwave Simulation Models

About Modelithics, Inc.

Modelithics, Inc. (www.Modelithics.com) was formed in 2001 to address the industry-wide need for high-accuracy RF and microwave active and passive simulation models for use in Electronic Design Automation (EDA). Modelithics' premium product is the Modelithics® COMPLETE Library, which includes the CLR Library™, containing measurement-based Microwave Global Models™ for a multitude of commercially-available passive component families, as well non-linear diode models, non-linear transistor models, and system level component models. Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics product offerings also include the mmWave & 5G Library and the Modelithics COMPLETE+3D Library. The mmWave & 5G Library includes a collection of models focused on supporting the next generation of cellular communication standards. All models in the mmWave & 5G Library are validated to a minimum of 30 GHz, with some validated up to 125 GHz! Modelithics COMPLETE+3D Library includes a collection of 3D Geometry models. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™ and CLR Library™ are also trademarks of Modelithics, Inc. The Modelithics Vendor Partner (MVP) Program allows for collaboration and open communication during the development of advanced data sets and models for commercially available microwave components and devices, with flexible sponsorship and distribution arrangements for the resulting data and models. An example of such an arrangement is the Modelithics Qorvo GaN Library, a fully sponsored library distributed for free by Modelithics under sponsorship of Qorvo®. Modelithics also offers a Standard & Custom Test Fixture and Accessory Product Line, including legacy parts from J Micro Technology for a family of thin film Alumina substrate components.

Precision Measurements and Models You Trust