Modelithics®
World's Best RF & Microwave Simulation Models

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Modelithics® Releases the COMPLETE Library™ v21.0 for Keysight Technologies' PathWave Advanced Design System

TAMPA, Florida (March 8, 2021) – Modelithics announces the release of the newest version, version 21.0, of the Modelithics COMPLETE Library for use with Keysight Technologies' PathWave Advanced Design System (ADS) software platform. **The new release includes compatibility with PathWave ADS 2021 Update 2 as well as 10 new models representing over 220 components.**

The Modelithics COMPLETE Library contains over 775 highly scalable Microwave Global Models™ representing over 22,000 passive and active components. The library is 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. These models for discrete die, surface mount and packaged devices are a **must-have** for anyone involved in PCB-based RF & Microwave circuit or module design.

New scalable models in the newest version of this library include passive models for the AVX 1206xC capacitor family, several Taiyo Yuden inductor families, multiple TDK capacitor families, as well as the Passive Plus R35-1209BB and R35-2010BB resistor series. Also included is a new model for the MACOM MA4E1317 Schottky diode series and 2 IMS attenuator family models for A-0805 and IMS1141.

For more information about this new release and further details on the new models available, please review the **v21.0 release notes**. For a trial of the Modelithics COMPLETE Library, visit: https://www.modelithics.com/model.

Through the Modelithics Vendor Partner (MVP) Program, free model use is being sponsored by AVX, TDK, Passive Plus and more. Request a dedicated vendor trial of one of these or other available MVPs, by visiting www.Modelithics.com/mvp/vsl.

Celebrating 20 Years of Precision Measurements and Modeling Excellence!

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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.

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