



World's Best RF & Microwave Simulation Models

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Modelithics® Releases the COMPLETE Library™ v20.5 for Keysight Technologies' PathWave Advanced Design System

TAMPA, Florida (September 9, 2020) – Modelithics announces the release of the newest version, version 20.5, of the COMPLETE Library for use with Keysight Technologies' PathWave Advanced Design System (ADS) software platform.

Version 20.5 includes 23 new circuit simulation models, representing over 3,850 components and adds compatibility with Keysight PathWave Advanced Design System (ADS) 2021. Along with this release, Modelithics is pleased to welcome Silicon Supplies as a new Sponsoring Modelithics Vendor Partner (MVP).

The Modelithics COMPLETE Library is comprised of a large selection of highly scalable [Microwave Global Models™](#) of 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 Modelithics COMPLETE Library include passive models for the AVX MP01, MP02, and MP03 capacitor families, the Coilcraft 0402DC and 0805LS inductor families, the Johanson L-14C and L-14W inductor families, as well as the Vishay CH02016, CH0402, CH0603, MCT0603, CRCW1206, and MMA0204 resistor families. Also included are new models for Mini-Circuits attenuators: KAT and YAT-A. Non-linear transistor additions include two (2) new BJT models for Silicon Supplies 2SC3356 (die and packaged), a transistor model for Qorvo TGF2040 as well as five (5) HMT models for Mini-Circuits: SAV-331+, SAV-541+, SAV-551+, SAV-581+, and TAV2-14LN+.

For more information about this new release and further details on the new models available, please review the [v20.5 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 Coilcraft, Johanson, Mini-Circuits, Vishay, and Silicon Supplies. Request a dedicated vendor trial of one of these or other available MVPs, by visiting www.Modelithics.com/mvp/vsl.



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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 as the NLD Library™ (non-linear diode models), the NLT Library™ (non-linear transistor models), and the SLC Library™ (system level component models). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, CLR Library™, NLD Library™, NLT Library™, and the SLC 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 has also recently launched a new Standard & Custom Test Fixture and Accessory Product Line, including legacy parts from J Micro Technology for a family of thin film Alumina substrate components.