



World's Best RF & Microwave Simulation Models

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Modelithics® Releases the COMPLETE Library™ v20.0 for Keysight Technologies' PathWave Advanced Design System

TAMPA, Florida (March 11, 2020) –**Modelithics announces the release of the newest version, version 20.0, of the COMPLETE Library for use with Keysight Technologies' PathWave Advanced Design System (ADS) software platform. This update includes 34 new models and adds compatibility with PathWave ADS 2020 Update 2.**

Included in the COMPLETE Library is the CLR Library, a large selection of highly scalable models for capacitor, inductor, and resistor families from many popular vendors. Also included are the NLD (Non-Linear Diode) Library, the NLT (Non-Linear Transistor) Library, and the SLC (System Level Component) Library. **In total, version 20.0 adds 34 new circuit simulation models.** This release is compatible with PathWave Advanced Design System (ADS) 2020.

New scalable models in the Modelithics CLR Library include models for the Murata GQM1555C and Vishay VJ0402 capacitor families, the ATC 504L resistor family, as well as the Murata LQP03HQ and Würth Elektronik WE-CAIR 5910 inductor families. Additions to the Modelithics NLD library include new models for Skyworks Schottky diode families. New models for the Modelithics SLC library include models for IMS attenuators.

The Modelithics S-parameter library was updated with new models for multiple Mini-Circuits amplifiers and transformers, as well as models for several Guerrilla RF amplifiers. For more information about this new release and further details on the new models available, please review the [v20.0 release notes](#) or to request a free trial, please visit the Modelithics website at www.Modelithics.com.

A free 90-day model use is being sponsored by ATC, Murata, Vishay, International Manufacturing Services (IMS), Mini-Circuits, and Würth Elektronik through the [Modelithics Vendor Partner \(MVP\) Program](#). Request a dedicated vendor trial of one of these or other available MVPs, by visiting www.Modelithics.com/mvp/vsl.

For a trial of the Modelithics COMPLETE Library, visit: <https://www.modelithics.com/model>



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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®.