

Contacts:

Modelithics, Inc.

Angie Rogers
Sales & Marketing Manager
813.866.6335
sales@modelithics.com

FOR IMMEDIATE Release

December 24, 2020

Modelithics® Releases the COMPLETE Library™ v20.7 for Keysight Technologies' PathWave RF Synthesis (Genesys) 2020

Tampa, Florida (December 24, 2020) – **Modelithics® is pleased to announce the release of version 20.7 of the COMPLETE Library for use with Keysight Technologies' PathWave RF Synthesis (Genesys) 2020.**

Included in the Modelithics COMPLETE Library™ is the CLR Library, a large selection of highly scalable Modelithics Microwave Global Models™ for capacitor, inductor, and resistor families from many popular vendors for use with [Genesys new Vendor Parts Synthesis \(VPS\)](#) capabilities. The COMPLETE Library includes an S-parameter Library of data models (for components not represented by scalable and/or non-linear models) along with numerous non-linear models for diodes and transistors of varied types and manufacturers. Also included is a collection of models for a range of higher-level passive and active devices such as amplifiers, filters, couplers and other “system level components.” **In total, version 20.7 adds 39 new circuit simulation models representing over 4,200 individual components.**

New Microwave Global models in the Modelithics CLR Library include models for AVX, Murata, and Vishay capacitor families. The release also features new models for Coilcraft, Johanson, and Murata inductor families. In addition, new ATC & Vishay resistor families are included.

This release also includes new non-linear models for Schottky diodes from Skyworks new non-linear models for Mini-Circuits, Qorvo, and Silicon Supplies transistors, and substrate-scalable Microwave Global models for IMS attenuators, while the Modelithics S-parameter library was updated with new models for Mini-Circuits amplifiers.

For more information about this new release and further details on the new models available, please review the [v20.7 release notes](#) or to request a free trial, please visit the Modelithics website at www.Modelithics.com.

Through the [Modelithics Vendor Partner \(MVP\) Program](#), a 90-day free model use is being sponsored by AVX, Coilcraft, International Manufacturing Services (IMS) Johanson, Mini-Circuits, Murata, Qorvo, and Vishay. To request a dedicated vendor trial of one of these selected MVPs, visit www.Modelithics.com/mvp/vsl.

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, 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 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[®].