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FOR IMMEDIATE Release

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Modelithics[®] Releases the COMPLETE Library[™] v19.7 for Keysight Technologies' PathWave RF Synthesis (Genesys) 2020

Tampa, Florida (January 14, 2020) – **Modelithics is pleased to announce the release of version 19.7 of the COMPLETE Library for use with Keysight Technologies' PathWave RF Synthesis (Genesys) 2020.**

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 for use with [Genesys new Vendor Parts Synthesis \(VPS\)](#) capabilities. 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 19.7 adds 72 new circuit simulation models.** This release is compatible with PathWave RF Synthesis (Genesys) 2020.

New scalable inductor models in the Modelithics CLR Library include models for Coilcraft and Würth Elektronik inductor families. Many new Würth Elektronik ferrite bead families are included as well. The release also features new scalable capacitor models for DLI (Knowles) capacitor families, Exxelia and Syfer (Knowles) capacitor families, and several Würth Elektronik capacitor families. In addition, new IMS & Vishay resistor families are included.

Additions to the Modelithics NLD library include models for varactors from MACOM and Skyworks. Additions to the Modelithics SLC library include new models for IMS attenuators.

The Modelithics S-parameter library was updated with new models for various Mini-Circuits components, including amplifiers, splitters, filters, and transformers. For more information about this new release and further details on the new models available, please review the [v19.7 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 Coilcraft, International Manufacturing Services (IMS), Mini-Circuits, TDK, and Würth Elektronik. 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®.