

News Release

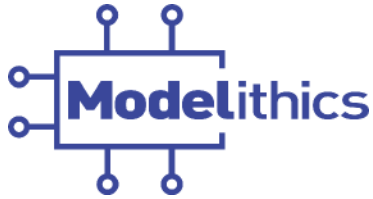
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Modelithics[®] Releases CLR Library for RF Analysis in Cadence Virtuoso Spectre Circuit Simulator

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Modelithics, Inc. (www.modelithics.com) has released a powerful and feature-rich collection of equivalent circuit models for use with Cadence Virtuoso Spectre Circuit Simulator XL. The surface-mount capacitor, inductor and resistor models are extracted from precision impedance and S-parameter measurements. The models include advanced features such as part-value scaling, substrate scaling, pad scaling, representation of high-order resonant effects and accurate effective series resistance. Most models are measurement validated through at least 10GHz, with some models validated through 40 GHz. The initial release of this library (version Modelithics CLR Library for Cadence version 1.2) will contain 53 part-value scalable, substrate-scalable Global



Models™. The library is compatible with Cadence Virtuoso Custom Design Platform (version IC5141).

The models in this library are intended for use with microstrip interconnects, custom-model extraction and can be performed through the Models-On-Demand™ service. The Modelithics SELECT Library for Cadence is also available, which consists of a free sample library that contains five Modelithics Global Models from the Cadence CLR Library. Please visit www.modelithics.com or contact sales@modelithics.com for more information.

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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). Current products include the *CLR Library™*, which contains measurement-based *Global Models* for a multitude of commercially-available passive component families, the *NLD Library™* (non-linear diode models), the *SLC Library™* (or *SLC*), (system level component models) and the *NLT Library™* (non-linear transistor models). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs.

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