



**World's Best RF & Microwave Simulation Models**

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## **FOR IMMEDIATE RELEASE**

**June 16, 2020**

### **Modelithics® Releases the COMPLETE Library™ v20.2 for Cadence AWR Design Environment Platform**

TAMPA, Florida (June 16, 2020) –**Modelithics announces the release of the newest version, version 20.2, of the COMPLETE Library for use with Cadence® AWR Design Environment® software platform. This update includes 40 new models.**

Included in the COMPLETE Library is a large selection of highly scalable Microwave Global Models™ for capacitor, inductor, and resistor families from many popular vendors. Also included are non-linear models for a wide range of diodes, along with non-linear and noise models for many types of transistors from low noise to high power. Also included are a large number of accurate models for higher level system blocks such as amplifiers, filters, splitters and attenuators. **In total, version 20.2 adds 40 new circuit simulation models.**

New Global Models in the version 20.2 Library include models for the ATC 504L resistor family, the Johanson L-14C inductor family, the Murata GQM1555C capacitor family and LQP03HQ inductor family, the Vishay VJ0402 capacitor family, the Vishay MCT0603, CRCW1206, and MMA0204 resistor families, and the Würth Elektronik WE-CAIR 5910 inductor family. The release includes non-linear models for the Skyworks SMS7630 family of Schottky diodes, and substrate- and value-scalable Microwave Global 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 [v20.2 release notes](#) or to request a free trial, please visit the Modelithics website at [www.Modelithics.com](http://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](http://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](http://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®.