



World's Best RF & Microwave Simulation Models

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Modelithics® Releases the COMPLETE+3D Library™ v20.4 for Ansys® HFSS™

TAMPA, Florida (August 18, 2020) – **Modelithics is pleased to announce the release of version 20.4 of the COMPLETE+3D Library for use with Ansys HFSS.**

The library contains **over 325 highly scalable Microwave Global Models™** for capacitor, inductor, and resistor families from many popular vendors, plus a collection of **nearly 300 Modelithics' 3D** geometry models for inductors, capacitors, filters, packages and connectors. Version 20.4 adds **five** new part value-, pad-, and substrate scalable models and over **seventy** new full wave 3D electromagnetic models.

New scalable circuit models include a new model for Coilcraft's 0402DC inductor series, Johanson's L-14C and L-14W inductor series, and Vishay's CRCW1206 resistor series. New 3D EM models are available for Mini-Circuits' HFCN-740+, HFCN-880+, and HFCN-2700+ filter series as well as TDK MLG0402Q and MLG0603S.

For more information about this new release and further details on the new models available, please review the [v20.4 release notes](#) or to request a free trial, please visit the Modelithics website at www.Modelithics.com/mvp/HFSS.

Through the [Modelithics Vendor Partner \(MVP\) Program](#), free model use is being sponsored by Coilcraft, Johanson, Mini-Circuits, and Vishay. 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) and full-wave electromagnetic (EM) simulators. 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, EM simulation 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®. Modelithics has also recently launched a new Standard & Custom Test Fixture and Accessory Product Line, including legacy parts from J Micro Technology for a family of thin film Alumina substrate components.