



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

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## **FOR IMMEDIATE RELEASE**

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### **Modelithics® Releases the COMPLETE+3D Library™ v20.8 for Ansys® HFSS™**

TAMPA, Florida (November 25, 2020) – **Modelithics is pleased to announce the release of version 20.8 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. **This library now represents a total of 22,000 individual components with circuit and/or 3D EM models.**

Version 20.8 adds **nine** new part value-, pad-, and substrate scalable models and over **eighty** new full wave 3D electromagnetic models. New scalable circuit models include new models for AVX's MP01, MP02, and MP03 capacitor series, Coilcraft's 0805LS inductor series, Passive Plus' R35-1209BB and R35-2010BB resistor series, and Vishay's CH02016, CH0402, and CH0603 resistor series. Over 70 new 3D EM models are available for TDK's MHQ1005P inductor series. Additionally, new 3D EM models are available for Passive Plus' R35-1209BB and R35-2010BB resistor series as well as Piconics' CC20T44K240G5-C conical inductor series.

For more information about this new release and further details on the new models available, please review the [v20.8 release notes](#). Through the [Modelithics Vendor Partner \(MVP\) Program](#), free model use is being sponsored by AVX, Coilcraft, Passive Plus, Piconics, Vishay, and TDK. 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) or for a trial of the Modelithics COMPLETE+3D Library, visit: [www.Modelithics.com/Model/Models3D](http://www.Modelithics.com/Model/Models3D).



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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) 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 COMPLETE+3D for Ansys HFSS now also includes 3D EM models for a range of passive components. 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.