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## **FOR IMMEDIATE RELEASE**

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### **Modelithics® Releases the COMPLETE+3D Library™ v22.0 for Ansys® HFSS™**

Tampa, Florida (March 2, 2022) – Modelithics is pleased to announce the release of version 22.0 of the [COMPLETE+3D Library](#) for use with Ansys HFSS. Included in this library are **nearly 360 highly scalable Microwave Global Models™** for capacitor, inductor, and resistor families from many popular vendors. Also included is Modelithics' collection of over **500 3D electromagnetic (EM) geometry models** for inductors, capacitors, filters, packages, and connectors. With both circuit and 3D EM models, the Modelithics COMPLETE+3D Library now represents a total of more than **24,500 individual components**.

Version 22.0 adds new Microwave Global Models for various part families, including the AMOTECH A60Z and A60L capacitor series and the Coilcraft 0201HL inductor series. New Microwave Global Models are also available for the Kyocera-AVX 08051C capacitor series and the Yageo CQ0201 and CQ0402 capacitor series. Additional new Microwave Global Models are available for part families from KEMET (CBR02 and CBR04 series), TDK (MHQ1005P series), and Würth Elektronik (WCAP-CSRF and WE-TCI series). New 3D models are also available for the same capacitor series from KEMET, Würth Elektronik, and Yageo.

Through the Modelithics Vendor Partner (MVP) program, FREE 90-day use of Modelithics models are available for components from AMOTECH, Coilcraft, Kyocera-AVX, KEMET, TDK, and Würth Elektronik. For more information or to request a free use of the new models for components from these MVPs as well as other available Modelithics models, please visit [www.Modelithics.com/MVP](http://www.Modelithics.com/MVP).

These new Modelithics 3D and circuit simulation models are available within the Modelithics COMPLETE+3D Library v22.0 for Ansys HFSS. For more information about this new release and further details on the new models available, please review the [v22.0 release notes](#). To request a free trial, please visit the Modelithics website at [www.modelithics.com/mvp/HFSS](http://www.modelithics.com/mvp/HFSS).



### **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 non-linear diode models, non-linear transistor models, and system level component models. Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics product offerings also include the Modelithics mmWave & 5G Library, Modelithics System Components Library™ the Modelithics COMPLETE+3D Library. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, System Components Library™ and CLR 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 also offers a Standard & Custom Test Fixture and Accessory Product Line, including legacy parts from J Micro Technology for a family of thin film Alumina substrate components.