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FOR IMMEDIATE RELEASE

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Modelithics® Releases the COMPLETE+3D Library™ v22.4 for Ansys® HFSS™

Tampa, Florida (August 17, 2022) – Modelithics is pleased to announce the release of version 22.4 of the [COMPLETE+3D Library](#) for use with Ansys HFSS. Included in this library are **over 370 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 **includes over 30 vendors for more than 850 models representing over 25,000 individual components.**

Version 22.4 adds new Microwave Global Models for various part families, including the AMOTECH A60F and A80B capacitor series and the Kemet CBR04 Auto and CBR06 Auto capacitor series. New Microwave Global Models are also available for the Kyocera-AVX 550Z and 550U capacitor series, the Smiths Interconnect CT0404ALN1WB1, CT0404ALN2WB1, CT0603ALN1SMTF resistor series, and the Yageo AQ0402, CQ0603, and AQ0603 capacitor series. New 3D models are also available for CBR04 Auto capacitor series from KEMET, the AQ0402 capacitor series from Yageo, and 12 connectors from IEH.

Through the Modelithics Vendor Partner (MVP) program, FREE 90-day use of Modelithics models for AMOTECH, IEH, Kemet, Kyocera-AVX, and Smiths Interconnect components are available. 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.

The new 3D Modelithics and circuit simulation models are available within the Modelithics COMPLETE+3D Library v22.4 for Ansys HFSS. For more information about this new release and further details on the new models available, please review the [v22.4 release notes](#). To request a free trial, please visit the Modelithics website at www.modelithics.com/mvp/HFSS.



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). 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.