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FOR IMMEDIATE RELEASE

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Modelithics[®] Releases the COMPLETE+3D Library[™] v21.6 for Ansys[®] HFSS[™]

Tampa, Florida (August 30, 2021) – **Modelithics is pleased to announce the release of version 21.6 of the COMPLETE+3D Library for use with Ansys HFSS.** The library contains **nearly 350 highly scalable Microwave Global Models[™]** for capacitor, inductor, and resistor families from many popular vendors, plus Modelithics' collection of **nearly 500 3D geometry models** for inductors, capacitors, filters, packages, and connectors. **This library now represents a total of more than 24,000 individual components with circuit and 3D electromagnetic (EM) models.**

Version 21.6 adds **6** new part value-, pad-, and substrate scalable Global Models for circuit models and **88** new full wave 3D EM models. New 3D EM models are available for 5 ATC capacitor series, 13 AVX capacitor series, 18 Barry Industries packages, Johanson's R05L and R07S capacitor series, 5 Kemet capacitor series, 11 Murata capacitor series, 4 capacitor series from Passive Plus, Piconics' CCxxTxxK240G5-C conical inductor series, 7 TDK capacitor series, Vishay's VJ0402 capacitor series, the WCAP-CSRFP(NP0) capacitor series from Würth Elektronik, and many more. New Microwave Global Models also include new models for Coilcraft's 0603CT and 0603HL inductor series, the RK73H resistor series from KOA, Samsung's RC0402 resistor series, Vishay's CRCW01005 resistor series, and the RC0100 resistor series from Yageo.

Through the Modelithics Vendor Partner (MVP) program, FREE 90-day use of Modelithics models for AVX, Barry, Johanson, Kemet, Knowles, Murata, Passive Plus, Piconics, TDK, Vishay, and Würth Elektronik components are available. For more information or to request a free use of the new models for these MVPs' components as well as other available Modelithics models, please visit www.Modelithics.com/MVP.

These new Modelithics 3D and circuit simulation models are available within the Modelithics COMPLETE+3D Library v21.6 for Ansys HFSS. For more information about this new release and further details on the new models available, please review the [v21.6 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 mmWave & 5G Library and the Modelithics COMPLETE+3D Library. The mmWave & 5G Library includes a collection of models focused on supporting the next generation of cellular communication standards. All models in the mmWave & 5G Library are validated to a minimum of 30 GHz, with some validated up to 125 GHz! Modelithics COMPLETE+3D Library includes a collection of 3D Geometry models. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™ 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.