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FOR IMMEDIATE RELEASE

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Modelithics® Releases Version 18.3 of the COMPLETE+3D Library for ANSYS® HFSS™

Tampa, Florida (December 5, 2018) – Modelithics has released version 18.3 of the Modelithics COMPLETE+3D Library for HFSS. This library contains a large selection of highly scalable models for capacitor, inductor and resistor families from many popular vendors, plus an expanding collection of Modelithics' new 3D geometry models for various types of components, including filters, inductors, capacitors, connectors and more. Version 18.3 adds 31 new part value-, pad- and substrate-scalable models and six (6) new full wave 3D electromagnetic models.

New scalable circuit models include those for AVX, Murata, Passive Plus, Presidio, and Würth Elektronik capacitor families, Würth Elektronik inductors, and the first models from Modelithics' new Vendor Partner (MVP), International Manufacturing Services (IMS). Three IMS resistor family models are now available, with more in development. Five new 3D EM models are available for Coilcraft inductors in the B0xT series and a new 3D EM RJR Technologies package model has also been added. This library version introduces compatibility with the latest ANSYS release of HFSS v19.x.

A second new product offering has been released along with the COMPLETE+3D Library. The Modelithics mmWave & 5G library, first introduced earlier this year in a different format, is now available for use with ANSYS HFSS. All models in the mmWave & 5G Library are validated to at least 30 GHz, with some validated as high as 125 GHz! This collection has been designed for the quickly growing area of wireless design within the recently approved mmWave 5G frequencies.

For more information about this new release or to request a free trial, please visit the Modelithics website www.Modelithics.com, or contact us at sales@modelithics.com.

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, the *NLD Library™* (non-linear diode models) the *NLT Library™* (non-linear transistor models), and the *SLC Library™* (system level component models). The new Modelithics COMPLETE+3D component library is also available to enable full-wave EM simulations of components, connectors and packages within ANSYS HFSS. Modelithics' services also address a wide range of custom RF and microwave measurement 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 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®.