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Modelithics® Releases the COMPLETE Library™ v22.1 for Keysight Technologies' PathWave Advanced Design System

Tampa, Florida (April 19, 2022) – Modelithics is pleased to announce the release of the latest version, v22.1, of the [Modelithics COMPLETE Library](#) for use with Keysight Technologies' PathWave Advanced Design System (ADS).

This version adds a total of **26 new models** for various components to the Modelithics COMPLETE Library. With these new additions, the Modelithics COMPLETE Library now includes over **825 models** that represent over **25,000 passive and active** RF/microwave components. This collection of simulation models comprises surface-mount RLC components, diodes, transistors, amplifiers, attenuators, filters, couplers, and other components.

Version 22.1 adds new scalable Microwave Global Models™ to the Modelithics COMPLETE Library, including models for the 0201HL inductor series from Coilcraft, the 08051C capacitor series from Kyocera-AVX, and the CBR04 and CBR06 automotive series from KEMET. Also included are new models for the A60S, A60F, and A80B capacitor series from AMOTECH and the CQ0201, CQ0402, AQ0402, CQ0603, and AQ0603 capacitor series from Yageo. New models are also included for Smiths Interconnect's CT0404ALN1WB1, CT0404ALN2WB1, and CT0603ALN1SMTF resistors and TSX attenuator series. In terms of active components, v22.1 adds new models for the BAS52-02V and BAS3010S-02LRH Schottky diodes from Infineon.

For more information about this new release and further details on the new models available, please review the [v22.1 release notes](#). For a trial of the Modelithics COMPLETE Library, visit: www.modelithics.com/model.

Through the Modelithics Vendor Partner (MVP) Program, free model use is being sponsored by AMOTECH, Coilcraft, KEMET, Kyocera-AVX, Smiths Interconnect, and many others. Request a dedicated vendor trial of one of these or other available MVPs by visiting www.modelithics.com/mvp.



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.