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New Modelithics Microwave Global Models™ for Würth Elektronik WE-KI HC and WE-CAIR Inductors

Tampa, Florida (January 25, 2018) – Modelithics, Inc. and Würth Elektronik have recently collaborated on the development of new Microwave Global Models™ for multiple inductor families from Würth Elektronik. Models are now available for the WE-KI HC High Current Wire Wound Ceramic Inductor 0402 series and 0603 series, covering 1.0 to 51 nH and 1.8 to 390 nH, respectively. In addition, five WE-CAIR air coil series have been modeled: 1322, 1340, 3136, 3168 and 4248, overall covering 1.0 to 390nH. All models have been validated to 30 GHz.

Each of these models includes advanced features that significantly accelerate and improve the accuracy of high frequency electronic design simulations. The features include scalable parameters for substrate properties, pad dimensions and part value, compatibility with EDA tuning and optimization tools, thorough model datasheets, and more. The models are engineered to give RF and microwave designers powerful design analysis capability and very accurate simulations with the first pass.

The models for the Würth WE-KI HC and WE-CAIR inductors are formatted for seamless integration into popular design tools including Keysight ADS and Genesys, NI AWR Design Environment, ANSYS HFSS and Sonnet Suites. Würth Elektronik is a Sponsoring MVP (Modelithics Vendor Partner), and are sponsoring FREE 90-day trials of Würth component models available from Modelithics. To request a free trial, visit the Würth Elektronik MVP landing page. www.Modelithics.com/MVP/Wurth.

For more information on Modelithics models, email 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). 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®.