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FOR IMMEDIATE RELEASE

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Modelithics[®] and Würth Elektronik[®] Release 20 New Microwave Global Models[™] for Ferrite Beads, Capacitors and Inductors

TAMPA, Florida and Waldenburg, Germany (October 15, 2019) – Modelithics, Inc. has completed the development of 20 new broadband Microwave Global Models[™] for ten ferrite beads, seven (7) capacitor and three (3) inductor families available from Würth Elektronik. The models were developed as a collaboration through the Modelithics Vendor Partner (MVP) Program.

Many of the new models are substrate scalable, pad scalable and part value scalable, as well as validated up to 30 GHz. The new models cover the Würth capacitor series of:

WCAP-CSRF (NP0) 0201 and 0402
WCAP-CSMH (NP0) 0603 and 0805
WCAP-CSMH (X7R) 0603
WCAP-CSMH (X7R) 0.8mm 0805
WCAP-CSMH (X7R) 1.25mm 0805

The (3) new models cover the Würth inductor series of:

WE-AC HC 1010
WE-AC HC 1212
WE-CAIR 5910

Also available are 10 new models that cover the Würth ferrite beads series for:

Wide Band: WE-CBA 0402, 0603 and 1206
High Speed: WE-CBA 0603 and 0805
High Current: WE-CBA 0402, 0603, 0805, 1206 and 1806

The Modelithics-Würth models are available within the [Modelithics COMPLETE Library](#), which is available for use with multiple EDA tools*, including Keysight Technologies' PathWave Advanced Design System (ADS), Keysight Technologies' Genesys, NI AWR Design Environment®, ANSYS® HFSS[™], Sonnet[®] Suites[™] and Cadence[®] Spectre[®] RF. (*Model availability may vary by simulator)

FREE 90-day trials of all available Modelithics models for Würth components are available through the [Modelithics Vendor Partner \(MVP\)](#). For more information about the new models, and to request the free trial, visit the Würth landing page on the Modelithics website:
<https://www.modelithics.com/MVP/Wurth>.

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 as 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 (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®.