



World's Best RF & Microwave Simulation Models

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Modelithics and Vishay Collaborating to Introduce New Models for High Frequency Capacitor Families

Tampa, Florida (September 25, 2015) – Modelithics, Inc., leading RF/Microwave simulation model provider, announces a new partnership with Vishay, one of the world's largest manufacturers of discrete semiconductors and passive electronic components. As part of a Strategic Modelithics Vendor Partner (MVP) project, Modelithics and Vishay are collaborating to develop two (2) new Microwave Global Models™ for the Vishay VJ HIFREQ 0402 and 0603 surface mount RF and microwave capacitor families. Modelithics Microwave Global Models are high accuracy equivalent circuit models that cover an entire component series within one model. These powerful models, unique to Modelithics, feature substrate, part value and pad scalability, and accurately predict parasitic effects based on the model parameter settings. These features give designers the ability to perform advanced analysis of their designs above and beyond the capabilities when using s-parameter file-based models.

The new Vishay capacitor models will be included in the Modelithics COMPLETE Library for Keysight ADS, Keysight Genesys, and NI AWR Design Environment. The VJ HIFREQ 0402 and 0603 families will be an excellent addition to the existing Vishay capacitor and resistor models already in the Modelithics Library and listed on the Vishay MVP page on the Modelithics website (<http://www.modelithics.com/mvp/Vishay>). Modelithics and Vishay are working closely through the MVP program to ensure that the resulting models are of highest quality for designers.

For questions about the Modelithics COMPLETE Library, contact Modelithics at sales@modelithics.com.



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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 (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.