

## Contacts:

**Modelithics, Inc.**

Laura Levesque  
Marketing and Applications  
813.866.6338  
[sales@modelithics.com](mailto:sales@modelithics.com)

## **FOR IMMEDIATE RELEASE**

April 12, 2018

### Four New Presidio Capacitor Models Validated through mm-Wave Now Available in Modelithics<sup>®</sup> Libraries

Tampa, Florida (April 12, 2018) – Modelithics has released four new models for Presidio Components, Inc. capacitors. Under the Modelithics Vendor Partner (MVP) Program, both companies collaborated to develop high accuracy, scalable models for Presidio capacitors for the benefit of RF and microwave designers. Presidio is a Sponsoring MVP, supporting FREE 90-day trials of their component library.

The new surface mount capacitor models added to the Modelithics COMPLETE Library and the new mmWave & 5G Library include those for the 0402 and 0603 Ultra Porcelain families (each validated to 40 GHz), and models for two broadband capacitors, a 10 nF BB0201 and a 0.1 uF BB0402 (each validated to 60 GHz). The BB0201 model, for example tracks particularly excellent insertion loss across the frequency band and all models are useful to accelerate microwave and mmWave design success.

The Presidio MVP free trial library is available in versions for multiple EDA simulation tools such as, Keysight Technologies' ADS, NI AWR Design Environment/Microwave Office™, Keysight Technologies' Genesys, ANSYS® HFSS™ and Sonnet® Suites. Request the trial by visiting the Presidio MVP page: [www.modelithics.com/mvp/presidio](http://www.modelithics.com/mvp/presidio) and click on "Free Trial". The effort to make advanced tools available to customers or potential customers illustrates the commitment by Presidio and Modelithics to support and advance RF and microwave design. Contact Modelithics at [sales@modelithics.com](mailto:sales@modelithics.com) for more information.

**About Modelithics, Inc.**

Modelithics, Inc. ([www.Modelithics.com](http://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®.