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## FOR IMMEDIATE RELEASE

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### Modelithics Welcomes Murata as Sponsoring MVP

#### Free 90-day Murata Model Library!

Tampa, Florida (September 14, 2018) – Modelithics is pleased to welcome **Murata Inc, a worldwide leader in the design manufacturing and supply of electronic components and solutions especially in telecom infrastructure, automotive and mobile market**, and Murata Integrated Passive Solutions, specializing in low profile, high-reliability ultra-broadband silicon capacitors, into the [Modelithics Vendor Partner \(MVP\) Program](#) at the Sponsoring level. As a Sponsoring MVP, Murata is supporting the RF and microwave designers by sponsoring free extended 90-day trials (with approval) of all Modelithics models available for Murata components, as well as collaborating with Modelithics to develop new design data and models for selected components. These models are validated up to high frequencies and feature specialized scalable parameters, such as substrate, pad and part value scalability, which enable very powerful design analysis and optimization.

There is currently an extensive collection of models for Murata components in the Modelithics library, including those for capacitors, inductors, resonators, ferrite beads, a low pass filter and a triplexer. Modelithics models can include multiple values to cover an entire part series. The library now has over 50 Murata models in total, representing **over 1600 Murata components available in market! Broadband silicon capacitors are also included in the collection of Murata's models.** Most of these surface mount and wirebond silicon capacitors have S-Parameters models:

- Surface mount UBSC type, validated to 67 GHz,
- Surface mount XBSC type, validated to 110 GHz (including a scalable equivalent circuit model version),
- Wirebonded UWSC and WBSC types also available;
- All UBB differential silicon capacitor pair models (UBDC) will be ready soon up to 67GHz.

The Murata 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™, Sonnet® Suites and Cadence®. Request the trial by visiting the Murata MVP page: <https://www.modelithics.com/mvp/murata> and click on "Free Trial". The MVP program facilitates proactive communication and collaboration with leading component and IC vendors as well as instrumentation and EDA software suppliers. 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®.