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Passive Plus and Modelithics Partner Develop Low and Ultra-Low ESR Capacitor Models

Tampa, Florida and Huntington Station, New York (May 30, 2014) – Modelithics and Passive Plus, a valued Modelithics Vendor Partner (MVP), are pleased to announce the availability of high-accuracy simulation models for a number of Passive Plus capacitor families. The Modelithics COMPLETE Library, now contains microwave Global™ models for Passive Plus 0505C and 1111C Low ESR capacitors, and the 0201N, 0402N, 0603N, and 0805N ultra-low ESR capacitor families. A Passive Plus broadband capacitor model (0201BB104) has also been added, and features validation up to 65GHz. The models are substrate scalable, part-value scalable, pad scalable, and some are orientation selectable. All models will be included in the v11 Modelithics Library releases for Agilent ADS, NI/AWR Microwave Office, and Agilent Genesys. Please visit the Passive Plus MVP page for more information, S-parameter downloads and to request a free trial: <http://www.modelithics.com/mvp/PassivePlus>





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). Current products include the *CLR Library™*, which contains measurement-based *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. CLR Library™, NLD Library™, NLT Library™, and the SLC Library™ are also trademarks of Modelithics, Inc.

About Passive Plus

Passive Plus provides services and products globally. It manufactures high quality, high power passive components using state-of-the-art manufacturing techniques, specializing in Magnetic & Non-Magnetic HI-Q capacitors and Power Resistive product lines. Passive Plus supplies reliable quality components to the aerospace, telecommunications, medical semiconductor, and military industries.