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Modelithics Welcomes AMOTECH as Sponsoring MVP

Tampa, Florida (November 19, 2021) – Modelithics, the leading RF and Microwave simulation model provider, welcomes AMOTECH Co. Ltd the innovation leader for signal and power integrity devices for the RF, microwave, and fiber optic markets, into the Modelithics [Vendor Partner \(MVP\) Program](#) at the Sponsoring level.

As a Sponsoring MVP, AMOTECH is supporting RF and microwave designers by sponsoring free extended 90-day trial use of all Modelithics models available for AMOTECH components, as well as collaborating with Modelithics to develop new design data and models for selected AMOTECH High Q and Broadband Multi-Layer Ceramic Capacitors.

The Modelithics models for the 0201, 0402 and 0603 capacitors are now available. The models for the AMOTECH 01005, 0805, and 1111 high Q and broadband multi-layer ceramic capacitors will be released soon. Each model covers the full range of available capacitance values, thus enabling design processes requiring tuning or optimization. The models also scale appropriately with respect to the underlying substrate properties and solder pad dimensions. Applications for the Amotech multi-layer capacitors include base-station equipment, small cells, and power amplifiers for wireless communications as well as high speed digital signal transmission found in state-of-the-art test instruments and fiber optic transceivers.

For more information or to request a **free 90 day use** of the new models for the AMOTECH capacitors, please visit <https://www.modelithics.com/mvp/amotech>. For long-term use, the new Modelithics AMOTECH models, are available as a Single Vendor Library and within the [Modelithics COMPLETE Library](#). For more information about this new release and further details on the new models, please visit: <https://www.modelithics.com/model> or contact sales@modelithics.com.

About Amotech Co., Ltd.

Amotech Co, Ltd is a publicly traded material science company with annual revenues in excess of \$350 million. With core materials expertise in metals, ceramics, and polymers, Amotech has global market leadership in a diverse range of markets from antennas for smart phones and GPS, to nanomaterials for next generation DNA sequencing instruments. The ceramic capacitor product line includes, High Q RF Capacitors, Broadband DC Blocks, High Power RF Capacitors, 3 Terminal Filters for EMI and Single Layer Capacitors. Amotech's customers include most, if not all, the tier one automotive and smart phone companies, and the leading life science companies.

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 non-linear diode models, non-linear transistor models, and system level component models. Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics product offerings also include the mmWave & 5G Library and the Modelithics COMPLETE+3D Library. The mmWave & 5G Library includes a collection of models focused on supporting the next generation of cellular communication standards. All models in the mmWave & 5G Library are validated to a minimum of 30 GHz, with some validated up to 125 GHz! Modelithics COMPLETE+3D Library includes a collection of 3D Geometry models. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™ and CLR 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®. Modelithics also offers a Standard & Custom Test Fixture and Accessory Product Line, including legacy parts from J Micro Technology for a family of thin film Alumina substrate components.