Modelithics®
World's Best RF & Microwave Simulation Models

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Modelithics® Welcomes Microwave Technology as Sponsoring MVP

Tampa, Florida (July 5, 2022) – Modelithics, the leading provider of RF/microwave simulation models, is pleased to welcome Microwave Technology, Inc, into the Modelithics Vendor Partner (MVP) Program at the Sponsoring level. Microwave Technology is a recognized leader in the design, manufacturing, and marketing of GaAs and GaN based MMICs, discrete devices, and hybrid amplifier products for commercial wireless communication, defense, space, and medical (MRI) applications.

As a Sponsoring MVP, Microwave Technology and Modelithics are in collaboration to develop new models for five Microwave Technology's new GaAs FET devices to be included in the Modelithics COMPLETE Library™ for multiple simulators. For RF/Microwave designers who do not yet have access to this library at their companies, through the MVP Program, FREE extended 90-day trials will be available for all the Modelithics models for Microwave Technology components. In the future MwT and Modelithics plan to collaborate to add even more device models in the Modelithics' model library, including new models for GaAs pHEMT devices and GaN based HEMT power devices.

In the coming months, models will be developed for the following MWT GaAs FET transistors: MwT-1F, MwT-3F, MwT-7F, MwT-9F, and MwT-11F. The MwT-1F GaAs FET achieves 10 dB of gain at 12 GHz and +26 dBm of output power at 18 GHz, while the MwT-3F GaAs FET delivers +22 dBm of output power at 18 GHz. Both are well suited for high-linearity amplifier applications. The MwT-7F device offers +21 dBm of output power at 12 GHz and achieves low phase noise, making it particularly well suited for oscillator applications. The MwT-9F GaAs FET, which delivers +26.5 dBm of output power at 12 GHz, is ideal for applications that require medium linear power. Finally, the MwT-11F GaAs FET is a higher-power device that offers +32 dBm of output power at 8 GHz.

For more information, please visit www.Modelithics.com/MVP/MWT. For those interested in long-term use, the new Modelithics models for Microwave Technology components will be available in the within the Modelithics COMPLETE Library and the Microwave Technology Single Vendor Sub-Library and, which includes over 825 models from 70+ vendors, representing more than 25,000 components. For more information and further details on the new models, please visit: www.modelithics.com/model or contact sales@modelithics.com.

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 Modelithics mmWave & 5G Library, Modelithics System Components Library™ the Modelithics COMPLETE+3D Library. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, System Components Library™ 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.

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