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FOR IMMEDIATE RELEASE

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Modelithics Welcomes CapV as a Sponsoring MVP

Tampa, Florida (October 7, 2025) – Modelithics®, the industry leader in providing innovative and high-quality custom measurement and modeling services for RF, microwave, and millimeter-wave electronic devices, is pleased to welcome CapV, LLC. into the Modelithics Vendor Partner (MVP) program at the Sponsoring level. CapV is a 5G microelectronics company that specializes in robust AI-enabled reconfigurable microchips for better spectrum efficiency, bandwidth, and latency. The company's products include thin-film varactors and reconfigurable antennas, among others.

Modelithics and CapV have collaborated to develop new Microwave Global Models™ for three varactor chips in series and shunt configurations. These varactor models are validated by measurements performed from DC to 67 GHz. Each model is scalable with respect to both bias and temperature (+25 to +85°C). Also included are parameters for capacitance and resistance tolerance. These components are intended to be used as tuning elements for reconfigurable RF/microwave circuits such as filters and resonators.

Through the MVP program, Modelithics offers FREE 90-day use of the models for the CapV varactors. For more information or to request a free trial, please visit www.Modelithics.com/MVP/CapV. In addition, these models are available within the Modelithics COMPLETE Library™ for many of today's leading EDA software tools, including Keysight ADS, Cadence® AWR Design Environment® and more! For additional details regarding Modelithics COMPLETE Library, please visit: https://www.modelithics.com/model.

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 as 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, which support multiple EDA software platforms, also include the Modelithics mmWave 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 the sponsorship of Qorvo®. Modelithics also offers a Standard and Custom Test Fixture and Accessory Product Line, for a family of thin film Probe Point™ Alumina substrate fixtures compatible with RF probing.

About CapV, LLC.

CapV (www.capvmicro.com) offers 5G microchip products that ensure reliable and secure AI-enabled communication for mission critical operations. CapV chips provide a communications edge in scenarios where speed, reliability, low latency and adaptability are paramount. These chips provide broadband tuning, agile RF front ends, and interference cancellation countermeasures. With over 20 years of expertise in RF components and microchip technologies, we simplify 5G/6G challenges, providing peace of mind for mission critical wireless communications.

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