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Modelithics® Welcomes Tecdia as Sponsoring MVP

Tampa, Florida (April 25, 2022) – Modelithics, the leading provider of RF/microwave simulation models, is pleased to welcome Tecdia, into the Modelithics Vendor Partner (MVP) Program at the Sponsoring level. Tecdia offers high-tech electronic components, including varactors, single-layer chip capacitors, and thin-film chip resistors.

As a Sponsoring MVP, Tecdia and Modelithics are in collaboration to develop models for Tecdia's new dielectric varactors with part numbers HBC2R2Y20X10X5A02 and HBCR22Y20X10X5A02. Models for additional components may be available in the future. Through the [MVP Program](#) FREE extended 90-day trials will be available to RF/microwave designers for the Modelithics models for Tecdia components once developed.

The models for the HBC2R2Y20X10X5A02 and HBCR22Y20X10X5A02 varactors are bias-dependent models that are both substrate and temperature scalable. In addition, the models are validated all the way to 80 GHz. The models were developed by performing S-parameter measurements over temperature with multiple substrates.

For more information, please visit www.Modelithics.com/MVP/Tecdia. For those interested in long-term use, the new Modelithics models for Tecdia components will be available in the Tecdia Single Vendor Sub-Library and within the [Modelithics COMPLETE Library](#), 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.