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FOR IMMEDIATE RELEASE

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Modelithics Welcomes IPDiA as a New MVP and Announces the Availability of Broadband S-Parameter Data Models for IPDiA Ultra Broadband Silicon Capacitors

Tampa, Florida and Caen, France (August 25, 2015) – Modelithics, Inc. is pleased to welcome IPDiA to the Modelithics Vendor Partner (MVP) Program, and announce the development of three new S-Parameter (SPAR) models for IPDiA ultra-broadband surface mount silicon capacitors. With a capacitance stability over temperature and voltage lower than $\pm 0.5\%$ the UBSC capacitor series from IPDiA features excellent performance through 60+GHz in compact standard-size SMT components. Modelithics and IPDiA have recently collaborated to characterize three UBSC capacitors and develop s-parameter file-based models that extend to 67GHz.

The s-parameter data files for the UBSC 935 151 423 510 (0201, 10nF, 11V), UBSC 935 151 424 610 (0402, 100nF, 11V) and UBSC 935 151 723 510 (0201, 10nF, 30V) are now available for download from the Modelithics website. S-parameter models for all three new parts will be added to the “SPAR Library”, included with Modelithics COMPLETE Library for Keysight ADS, Keysight Genesys, and NI AWR Design Environment, as new versions are released.

Each SPAR model has an associated model datasheet containing measurement and fixture details, and plots of the s-parameter data. Visit the IPDiA MVP page on the Modelithics website to download s-parameter files, access model datasheets and find more information about the capacitors (<http://www.modelithics.com/mvp/IPDiA>).

For questions about the IPDiA SPAR models or the Modelithics COMPLETE Library, contact Modelithics at sales@modelithics.com.

For questions about IPDiA product lines, contact IPDiA at sales@ipdia.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, 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. Microwave Global Models™, CLR Library™, NLD Library™, NLT Library™, and the SLC Library™ are also trademarks of Modelithics, Inc. The Modelithics Vendor Partner 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.

About IPDiA

IPDiA is an independent European High Tech Company dedicated to the manufacture of leading edge Integrated Passive Devices for medical, automotive, communication, industrial and high reliability market such as downhole, defense/aerospace . IPDiA is recognized as the world leader in 3D Silicon Capacitors and its brilliant technology, based on a semiconductor MOS process, has been adopted by world leaders in medical electronics as well as by key players in the semiconductor area and Hi-Rel industry. IPDiA portfolio includes silicon capacitors from pF to tens of μ F and is composed of:

- Low Profile Capacitor < 80 μ m thin for decoupling inside critical space application
- High Temperature Capacitor up to 250°C with very high stability;
- Ultra Broadband Capacitor up to 60 GHz;
- High Reliability Medical and Automotive Grade Capacitor;
- 2D and 2.5D Silicon Interposers with and without passive components for integration in System in Package (SiP) or MultiChip module (MCM);
- Passive component networks for integration in module or on board

IPDiA facilities are located in Caen, France and Montreal, Canada. The company operates design centers, sales and marketing offices and a manufacturing facility of 10 000 m² (110 000 ft²) certified ISO 9001 / 14001, ISO TS16949 for the automotive market as well as ISO 13485 for medical devices.