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Nuhertz Filter Design with Modelithics Models

Nuhertz Integrates Modelithics Models into Filter Design Software

Phoenix, Arizona and Tampa, Florida (May 29, 2013) – Nuhertz Technologies has provided the capability to optimize synthesized filter circuits with the use of Modelithics[®] component models, along with Nuhertz filter design software. The Modelithics CLR Library available for AWR Corporation's Microwave Office[®], provides the designer access to a huge library of proven-accuracy measurement-based highly scalable equivalent circuit models. The technology collaboration allows for quick and effective design of fully producible circuits with the advantages of Nuhertz's FilterSolutions software and Modelithics component models, within AWR Microwave Office design environment. The enabled systematic design flow allows complex LC filter designs to be realized in a single pass, including synthesis, optimization, statistical analysis and design centering and design layout finalization, including EM co-simulation if desired. See <http://www.modelithics.com/mvp/Nuhertz/> for more information.

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). Current products include the *CLR Library*[™], which contains measurement-based *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. CLR Library™, NLD Library™, NLT Library™, and the SLC Library™ are also trademarks of Modelithics, Inc.

About Nuhertz Technologies

Nuhertz Technologies, LLC (<http://www.nuhertz.com/>) has rapidly established itself as a worldwide leader in low and high frequency filter synthesis and analysis. The company has developed numerous revolutionary synthesis algorithms unparalleled in industry and academia. The programs developed by Nuhertz deliver a new level of frequency design automation and productivity improvement, unequaled by any other design system on the market. The company's mission is to provide dramatic improvements in design efficiency and performance through quick and easy use of the industry's most sophisticated frequency design synthesis algorithms. Since its inception, Nuhertz has actively and dynamically responded to industry demands for ever improving filter design tools with vigor and innovation, establishing itself as the world's leading frequency design innovator.