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Free Mini-Circuits Filter Models!

Mini-Circuits and Modelithics Collaborate to Provide Free, Advanced Simulation Models for over 20 RF & MW Filters

Tampa, Florida – Modelithics, Inc. has teamed with Mini-Circuits to develop high-accuracy simulation models of Mini-Circuits' 3.2mm x 1.6mm case-size surface-mount LFCN Low-pass filters and HFCN High-pass filters. The substrate-scalable models are validated up to 13GHz, depending on the frequency band specifications of each filter. Six (6) new high-pass filter models and fifteen (15) low-pass filter models will be included in the next release of Modelithics' COMPLETE Library and are currently available for **FREE** individual download from the Mini-Circuits MVP page on the Modelithics website:

<http://www.modelithics.com/mvpMiniCircuits.asp>.

The new filter models mark a significant addition to the Mini-Circuits-sponsored simulation capabilities already available through Modelithics including recently released X-Parameters-based models for Mini-Circuits amplifiers and scalable equivalent-circuit-based models for Mini-Circuits RCAT and YAT attenuators.



Mini-Circuits Vice-President Ted Heil commented, “We believe the partnership between Mini-Circuits and Modelithics is providing engineers with exceptional tools for evaluating Mini-Circuits components in their designs. We are very interested in hearing about customer experiences in applying these new models in their application environments.”

Each model includes a detailed datasheet, layout drawing, and Gerber files for the test fixture. The models are available for FREE use with Agilent ADS and may be made available for certain other simulators as part of the Modelithics COMPLETE Library offering. Existing Modelithics COMPLETE Library for ADS customers will be receiving all of these models conveniently integrated within the library, starting with version 10.5. For more information on using the Mini-Circuits filter models in your design, contact Modelithics at 813-866-6335, or support@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). 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.

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