

Contacts:

Modelithics, Inc.

Angie Rogers
Sales & Marketing Manager
813.866.6335
sales@modelithics.com

Mini-Circuits

Brandon Kaplan
Advertising & Communications
718.269.5216
Brandon_K@minicircuits.com

FOR IMMEDIATE RELEASE

April 9, 2020

Mini-Circuits and Modelithics Partner to Provide 14 New Amplifier Models

Tampa, Florida (April 9, 2020) – Modelithics, Inc. and Mini-Circuits have expanded their partnership by developing new high-accuracy simulation models for several packaged Mini-Circuits amplifiers.

In total, 14 new substrate-selectable amplifier models have been developed. These data-based models were extracted by performing broadband S-parameter and noise-parameter measurements with a Keysight PNA-X vector network analyzer (VNA), as part of a Maury Microwave ultra-fast noise parameter measurement setup.

Modelithics now offers over 68 models, representing over 130 individual Mini-Circuits components, that include amplifiers, filters and splitters, among others. All the new amplifier models are currently available for **FREE** for use within Keysight Technologies' PathWave Advanced Design System (ADS). The models can be downloaded from the [Mini-Circuits MVP page](#) on the Modelithics website. The models are also conveniently available to all Modelithics Library customers in the newest version, v20, of the Modelithics COMPLETE Library™ for Keysight ADS. Free 90-day trials of the Modelithics Mini-Circuits Library are also available for use in other EDA simulation tools through the Modelithics Vendor Partner (MVP) Program. These tools include AWR Design Environment/Microwave Office™, Keysight Technologies' Genesys, Ansys® HFSS™, Sonnet® Suites, and Cadence® Virtuoso Spectre RF.

Larry Dunleavy, President and CEO of Modelithics, said, "We have a very long-standing and strong partnership with Mini-Circuits and look forward to continuing to add value with high-accuracy design models that help accelerate design decisions for their customers."

Ted Heil, President of Mini-Circuits, added, "We're excited to continue growing our collaboration with Modelithics to offer more of the best design resources available to customers using Mini-Circuits products in their applications."

Request a trial by visiting the Modelithics Mini-Circuits MVP landing page at: <https://www.modelithics.com/MVP/MiniCircuits> and clicking on "Free Trial." The MVP program facilitates proactive communication and collaboration with leading component and integrated-circuit (IC) vendors as well as instrumentation and EDA software suppliers. Contact Modelithics at sales@modelithics.com 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). Modelithics' premium product is the *Modelithics*[®] *COMPLETE Library*[™]. This library includes measurement-based *Microwave Global Models*[™] for a multitude of commercially-available passive component families in addition to a multitude of high accuracy non-linear diode and transistor models along with a wide range of system level component models for amplifiers, filters, attenuators and other functional blocks. 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*[™], 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 Mini-Circuits MVP relationship that provides free use of models under sponsorship of Mini-Circuits.

About Mini-Circuits

Mini-Circuits is the world's preferred supplier of radio frequency (RF), microwave and millimeter-wave components and systems. With 14 design, manufacturing and sales locations in nine countries, as well as hundreds of sales channel partners worldwide, Mini-Circuits offers 27 product lines comprising over 10,000 active models. Over 20,000 customers choose Mini-Circuits for the demanding quality standards, world-class customer support, on-time delivery and value pricing that have earned the industry's trust for over 50 years.