New Design Kit Expands Simulation Capability

SANTA CLARA, Calif., Jan. 27, 2010 -- Agilent Technologies Inc. today announced the availability of an NXP Semiconductors' design kit for RF small-signal products within Agilent's Advanced Design System (ADS). The design kit provides NXP's customers with easy access to comprehensive libraries of models within ADS for NXP's RF wideband devices, diodes, junction FET's, dual-gate MOSFET's and MMIC's. With the new design kit, customers can run simulations in ADS prior to moving to prototype. This significantly accelerates project development with NXP's components and speeds time-to-market.

"We are excited to have the latest NXP design kit in ADS," said Avery Chung, foundry program manager of Agilent's EEsof EDA division. "Our customers now have access to the breadth of simulation capability in ADS, including yield optimization, DFM tools and the Momentum 3D planar EM simulator. They can also generate X-Parameter* models of their circuit-level designs directly from ADS, providing fast and accurate behavioral modeling. These capabilities are key to designing high-performance RF modules and RF System-in-Package (SiP) components."

"RF design is a highly complex process," said Ronald van Cleef, senior director and general manager, RF Small Signal, NXP Semiconductors. "The availability of our new design kit will go a long way in easing this complexity. It will also improve the overall design experience for new and existing customers using our RF small-signal products."

The NXP RF small-signal products design kit is available for download at no charge from NXP's Web site: www.nxp.com/models/index.html [1]. Information about Agilent is available on the Web at www.agilent.com [2].

Source URL (retrieved on *05/19/2013 - 5:19am*):
http://www.ecnmag.com/news/2010/02/new-design-kit-expands-simulation-capability

Links:
[1] http://www.nxp.com/models/index.html
[2] http://www.agilent.com