

MDA rolls out unique analog design tool

New M-DESIGN™ release offers innovative, patent-pending technology to address complex analog design problems through multi-level optimization

Leuven, Belgium, May 14, 2007 - Mephisto Design Automation (MDA), a leading analog EDA innovator and provider of analog EDA tools and services, today announced its latest M-DESIGN™ tool release.

M-DESIGN is the first analog design tool that allows to completely capture any analog, mixed-signal and custom digital design problem. M-DESIGN successfully exploits designer expertise to achieve best-in-class results. Using MDA's proprietary optimization algorithm and graphical post-processor, designers are able to simulate, size, optimize and migrate complex circuits while sticking to their familiar simulation tools.

Highlights of the 1.4 release include:

- **multi-level optimization** support: simultaneously combine any number of circuit representations at any abstraction level using different simulators
- enhanced **scripting** support: use of Python to perform simple scripting up to describing the most complex relations
- addition of a **toolbox** to enhance scripting productivity even further
- enhanced **post-processing** and trade-off analysis capabilities
- addition of a straightforward **configuration tool** for adding new technologies, simulators, etc.

“With the latest version of our M-DESIGN tool, MDA is bringing out a unique analog design tool based on patent-pending innovations. For the first time analog designers can optimize their circuits using different abstraction levels simultaneously, including any interdependencies between parameters and performances at different levels.”, commented Kenneth Francken, CEO of MDA.

Tool Background

M-DESIGN is MDA's flagship product that is based on more than 10 man-years of research and development, originally performed at the K.U. Leuven university (Belgium) under supervision of Prof. Georges Gielen and Prof. Willy Sansen. The IP was transferred from the university, a shareholder of MDA, when it was founded in 2005.

About MDA

Mephisto Design Automation (MDA) delivers complete analog design automation solutions in the form of unique software tools and accompanying consultancy services. MDA's flagship product M-DESIGN™ is the tool of choice for simulation, sizing, optimization, verification and migration of analog, mixed-signal and custom digital designs. More information is available at <http://www.mephisto-da.com>.

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