Simberian Showcases Simbeor 2012 at DesignCon
Las Vegas, NV – January 30, 2012

Where: DesignCon 2012, Santa Clara, CA
When: January 31st – February 1st, 2012

Simberian is showcasing the 2012 release of its two-time DesignVision award-winning Simbeor software. The release offers new capabilities that further increase productivity of signal integrity engineers. Simbeor 2012 is the most cost-effective and comprehensive solution for physical design of PCB and packaging interconnects operating at 6-100 Gb/s and beyond.

Features in Simbeor 2012 software now include:

- Geometry import from ODB++ files to fit Simbeor into any design flow;
- New Via Analyzer™ tool to synthesize geometry for transparent via-holes and connector launches;
- New multi-variable optimization capability in SiTune™ tool for geometry optimization and identification of dielectric and conductor roughness models;
- Anisotropic dielectric model for accurate analysis of via-holes;
- Huray snowball and modified Hammerstad conductor roughness models for accurate analysis of PCB and packaging traces;
- Automatic computation, plotting and output of 9 common serial interconnects compliance metrics;

Product demonstrations in booth #815 feature "What's new in Simbeor 2012" and include:

- Pre- and post- layout analysis with advanced 3D full-wave models;
- S-parameter models quality assurance and improvement with Touchstone Analyzer™ tool;
- Material parameters identification with new optimization capability in SiTune™ tool;

Simbeor is the industry-first signal integrity tool validated with measurements from DC to 50 GHz. The recent results of conductor roughness model parameters identification validated up to 50 GHz will be reported at DesignCon ”RF & microwave techniques for SI” track 14-WA2 (9:20am) on February 1st, 2012.

Availability: Simbeor 2012 is available for customers and evaluation immediately and can be downloaded at Simberian's online software download page. For more information on product pricing and availability, contact Simberian at info@simberian.com or +1-702-876-2882.

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