

Integrand's EMX uses TSMC's new iRCX format to increase modeling accuracy

TSMC and Integrand present joint technical paper about iRCX at RFIC09

Berkeley Heights, NJ. - June 9, 2009 – Integrand Software, Inc. today announced that it has made enhancements to its EMX tool to support TSMC's iRCX, the new interoperable interconnect modeling format. Integrand and TSMC have done extensive research using EMX with iRCX at the 65nm and 40nm nodes and have demonstrated a significant improvement in modeling accuracy. This research is being presented in a paper at the Radio Frequency Integrated Circuits Symposium (RFIC), June 7-9 in Boston.

"EMX has been qualified to work with TSMC's iRCX interconnect modeling format. EMX uses the width-and spacing-dependent properties provided in the iRCX technology file and automatically modifies the drawn layout to mimic the fabrication process", said Tom Quan, deputy director, Design Service Marketing at TSMC. "The approach has been validated by comparing to measurements and showing that this significantly improves simulation accuracy for inductors and inter-digitated MOM capacitors. We have several mutual customers that use EMX+iRCX and have achieved silicon success."

"Integrand strongly supports TSMC's innovative iRCX format that enables accurate design for advanced processes", said Dr. Sharad Kapur, President of Integrand. "Our joint research and technical publication at RFIC09 is a testament to our support of TSMC and their customers for their EM simulation needs."

About Integrand Software, Inc.

Integrand Software, Inc. provides electronic design software and services used to design high frequency, RF and Mixed Signal complex integrated circuits (ICs) for the global semiconductor and electronics industries. Our advanced EM simulation tool, EMX®, allows designers to accurately and efficiently simulate large RF circuit blocks, characterize the behavior of passive components and analyze the parasitics due to interconnect. EMX shortens design cycles and bring to market substantially better products with less risk. For more information about Integrand, visit <http://www.integrandsoftware.com>.

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