ANSYS Solutions qualify for the latest generation of Samsung Foundry chip technologies

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PITTSBURGH, April 12, 2016 /PRNewswire/ -- Customers of Samsung Foundry and ANSYS (NASDAQ: ANSS) have the power to innovate the next generation of electronic devices for high-performance computing, mobile, automotive and IoT applications thanks to Samsung Foundry's qualification of ANSYS solutions. This qualification for the latest generation of chip technologies enables customers to bring their cutting-edge products to market even faster while reducing design costs and risk.

Cutting-edge electronic products require high-performance, reliability and less power. To accomplish this, multiple sub-systems of an electronic product are combined into one or more integrated circuits known as a system on a chip (SOC). For customers to achieve first silicon success, ANSYS and Samsung Foundry collaborated to qualify ANSYS solutions to meet the accuracy and reliability requirements for 14nm and 10nm FinFET, the two latest process technologies.

Samsung Foundry's qualification of ANSYS solutions offers customers the access to qualified process design kits and electromigration flows for designing, verifying and sign-off of intellectual properties and SoCs. Customers leverage Samsung Foundry process technologies and ANSYS' tools to create reliable designs with the required performance, power efficiency and reliability for mobile, consumer and datacenter markets. This enables customers to save time and money by speeding up the design process and bring their products to market faster.

"Our collaboration with Samsung Foundry on the qualification of process design kits and reference flows for the latest technologies empowers mutual customers to redefine their products by developing robust and reliable SoCs," said John Lee, General Manager at ANSYS. "This accuracy enables customers to build next-generation products that will redefine their industries."

About ANSYS, Inc.

ANSYS is the global leader in engineering simulation. We bring clarity and insight to our customer's most complex design challenges through the broadest portfolio of fast, accurate and reliable simulation tools. Our technology enables organizations in all industries to imagine high-quality, innovative product designs that are sustainable and have an accelerated time to market. Founded in 1970, ANSYS employs almost 3000 professionals, more than 700 of them with PhDs in engineering fields such as finite element analysis, computational fluid dynamics, electronics and electromagnetics, embedded software, system simulation and design optimization. Headquartered south of Pittsburgh, U.S.A., ANSYS has more than 75 strategic sales and development locations throughout the world with a network of channel partners in 40+ countries. Visit http://www.ansys.com for more information.

ANSYS also has a strong presence on the major social channels. To join the simulation conversation, please visit: www.ansys.com/Social@ANSYS

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