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Synaptics Empowers ClearPad Partners with Innovative SafeSense Design Tool

Synaptics drives design efficiency while lowering system design costs with SafeSense sensor design tool

SANTA CLARA, Calif., Aug. 1, 2012 /PRNewswire/ -- Synaptics Inc. (NASDAQ: SYNA), a leading developer of human interface solutions for mobile computing, communications and entertainment devices, today announced SafeSense™, a sensor simulation and pattern generation tool for smartphone, tablet and touch-enabled notebook OEM and ODM customers, sensor and LCD manufacturers, and reference design providers. This intuitive software platform helps drive a streamlined, cost-optimized design cycle allowing Synaptics customers to get to market faster, with lower development costs, by vastly improving the empirical trial-and-error approach used in current sensor design workflows.

Synaptics SafeSense empowers sensor designers and evaluators to analyze ClearPad™ sensor performance early in the design phase using simple metrics to enable more informed performance trade-off decisions. Using the Synaptics SafeSense design tool customers can accurately simulate new sensor designs, such as Synaptics' proprietary single-layer sensor pattern, and achieve desired performance benchmarks without having to commit to multiple costly prototypes. In addition to design analysis, SafeSense provides a sensor drawing file which can be used for the manufacturing process. In combination with Synaptics' Design Studio™ 4 (DS4), SafeSense brings together the industry's first comprehensive integrated suite of powerful tools that support customers from the design phase through product evaluation and into production for touchscreen solutions.

"Synaptics understands the importance of the right design and evaluation tools to our customers and partners and we tap into our rich history of innovation and system level engineering expertise to provide these tools," said Kevin Barber, senior vice president and general manager, Synaptics Handheld Division. "With the combination of SafeSense and DS4, we continue to set the standard for custom high-performance touch screen design tools."

Synaptics SafeSense is currently available under license to customers and partners.

For up-to-the-minute Synaptics news, follow [@SynaCorp](#) on Twitter. For more information on Synaptics' products and solutions, please visit www.synaptics.com.

About Synaptics

Synaptics delivers intelligent touch solutions for intelligent devices. As a leading developer of human interface solutions for the mobile computing, communications and digital home entertainment markets, Synaptics solutions enhance the user experience. The ClearPad™ touchscreen product family supports devices ranging from enterprise-level mobile phones to tablets. The TouchPad™ family, including ClickPad™, is integrated into the majority of today's notebook PCs. Synaptics has shipped over one billion capacitive touch solutions to date. (NASDAQ: SYNA) www.synaptics.com

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