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## **Synaptics Introduces Advanced Touch Experience in Nokia Lumia 920 and Nokia Lumia 820**

### **Super Sensitive Touch™ built on ClearPad™ Series 3 enables enhanced touch support on Nokia's first Windows Phone 8 smartphones**

SANTA CLARA, Calif., Sept. 5, 2012 /PRNewswire/ -- Synaptics Inc. (NASDAQ: SYNA), a leading developer of human interface solutions, today announced that the new Nokia Lumia 920 and Nokia Lumia 820 will be the first smartphones in the world to use a new advanced multi-touch experience based on the Synaptics ClearPad capacitive touchscreen sensing technology.

Synaptics ClearPad Series 3, the premier mobile touch solution for premium high end smartphones, has raised the bar for high performance touch on the Lumia 920 and Lumia 820 with the introduction of support for gloves and fingernails.

Previously, people were unable to use their smartphone touchscreens with gloved fingers or long fingernails, requiring them to remove their gloves, or awkwardly position their fingers with long nails in order to operate their phones. For the first time ever, ClearPad Series 3 technology instantly optimizes the touch experience by automatically detecting the presence of skin, gloved fingers, or fingernails, giving users a seamless multi-touch experience regardless of input methods.

"With Synaptics' continuous innovation on touch, we are able to pioneer new technologies that improve smartphone user experience," said Kevin Shields, senior vice president, Smart Devices, Nokia. "Nokia has been a leader in display technology, and we are setting a new standard with Super Sensitive Touch technology on the Nokia Lumia 920 and Nokia Lumia 820."

Nokia's flagship Windows Phone 8 device, the Lumia 920, features an impressive smartphone display based on exclusive technology called Nokia PureMotion HD+. With better than HD resolution, overdrive technology for keeping moving images pixel-perfect and sunlight enhancements for easy viewing even in the brightest sunlight, the 4.5 inch display of the Lumia 920 produces a totally immersive experience. PureMotion displays are super-sensitive with any touch interaction, enabled by the ClearPad Series 3 technology.

"We are excited to participate with Nokia as they unveil their first Windows Phone 8 devices by enabling advanced features such as gloved finger support," said Kevin Barber, senior vice president and general manager of Synaptics Handheld Division. "Synaptics and Nokia have partnered for many years and we're pleased to continue the innovation with the introduction of these new devices."

ClearPad Series 3 offers up to 10 finger full-time tracking and fast refresh rates, with industry leading signal-to-noise-ratio (SNR), delivering high performance to the most demanding smartphones. Synaptics' patented SignalClarity™ technology improves tracking accuracy, finger separation, and environmental and electrical noise robustness for an unmatched user experience. Synaptics' Design Studio™4 (DS4) accelerates the ClearPad development cycle by enabling customers to evaluate and optimize the performance of their touch experience, enabling OEMs to implement their custom ClearPad sensor solution more efficiently.

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

### **About Synaptics**

As a leading developer of human interface solutions which enhance the user experience, Synaptics provides the broadest touch solutions portfolio in the industry. The ClearPad™ family supports touchscreen solutions for devices ranging from entry level mobile phones to flagship premium smartphones, tablets and notebook PCs. The TouchPad™ family, including ClickPad™ and ForcePad™, is integrated into the majority of today's notebook PCs. Synaptics' wide portfolio also includes ThinTouch™ supporting thin and light keyboard solutions, as well as key technologies for next generation touch-enabled video and display applications.

(NASDAQ: SYNA) [www.synaptics.com](http://www.synaptics.com)

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