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Synaptics Unveils Tiny Footprint, Low Power Touch Controller for Small Screens

New S1423 Ideal for Smartwatches, Emerging Wearables, Diverse Touchscreens

SAN JOSE, Calif., Jan. 20, 2016 /PRNewswire/ -- Synaptics Incorporated (NASDAQ: SYNA), the leading developer of human interface solutions, today announced sampling of S1423, its newest ClearPad[®] touch controller solution for wearables and small screen applications including smartwatches, fitness trackers, and touch enabled appliances such as printers. Supporting round and rectangular shapes, as well as thick and curved lenses, the S1423 offers excellent performance with moisture on screen, while wearing gloves, and supports swipes and gestures including the Android Wear 'home' gesture.

Fully optimized and redesigned from the ground up for wearables, the new Synaptics S1423 supports a low-cost single layer sensor design and enables narrow borders. Synaptics' unique Advanced Matrix Pad (AMP) technology enables industry leading touch accuracy and sensitivity. With less than 6mW active power, the S1423 is highly optimized for small screen wearables where low power is of critical importance.

Synaptics' first generation wearables solution, the S1222, is in full production and found in many of today's shipping smartwatches. Beyond wrist wearables, early smart glasses innovators chose Synaptics' touch solution, while OEMs developing new smart eyewear products are choosing the S1423 due to its improved performance and lower power.

"The user experience is critical with very small screen applications, and we purpose-built these solutions specifically for the wearables market," said Tim Vehling, vice president, Smart Displays Division, Synaptics. "Our human interface expertise provides unique and proven results. The S1423, with very low power, advanced touch capabilities, and small form factor address this market perfectly."

About Synaptics:

Synaptics is the pioneer and leader of the human interface revolution, bringing innovative and intuitive user experiences to intelligent devices. Synaptics' broad portfolio of touch, display, and biometrics products is built on the company's rich R&D, extensive IP and dependable supply chain capabilities. With solutions designed for mobile, PC and automotive industries, Synaptics combines ease of use, functionality and aesthetics to enable products that help make our digital lives more productive, secure and enjoyable. (NASDAQ: [SYNA](#)) www.synaptics.com.

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