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Synaptics Announces New ClearView OLED Display Driver IC

SAN JOSE, Calif., Dec. 13, 2016 (GLOBE NEWSWIRE) -- Synaptics Incorporated (NASDAQ:[SYNA](#)), the leading developer of human interface solutions, today announced the new R66452 display driver IC (DDIC) solution for enabling brilliant displays on OLED-based smartphones. The feature-rich Synaptics® ClearView™ R66452 DDIC includes the company's best-in-class imaging processing and adds new state-of-the-art display technologies specifically designed to enhance OLED displays.

The R66452 OLED DDIC includes Synaptics' latest OLED image processing technology, including flexible digital gamma control for smooth dimming, local-area ACL for high-contrast text, high-accuracy color enhancement, and support for high-dynamic range (HDR). With its included 90Hz refresh-rate and HDR support, R66452 is designed to offer a superior virtual reality (VR) experience on OLED smartphones. The R66452 solution integrates RAM for low-power operation and supports Full HD+ OLED panels at up to 1080x2160 (18:9) for next-generation 'infinity display' smartphones. The solution is available in either COF packaging for flexible displays or COG packaging for rigid displays.

"As a leader in touch and display solutions for LCD, and a leader in touch controllers for OLED, the development of this new OLED DDIC was a natural progression for Synaptics," said Kevin Barber, senior vice president and general manager, Smart Displays Division, Synaptics. "Our longtime relationship with LCMs is a distinct advantage in that Synaptics is a trusted technology leader and providing OEMs with powerful and dependable solutions, including our new DDIC developed for next-generation OLED smartphones."

Synaptics' ClearView R66452 DDIC will be sampling to leading LCM's in the coming weeks. Full production is expected in the second-half of 2017 to meet the introduction of next-generation OLED smartphones.

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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