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## Synaptics ClearPad® In-Cell Technology Powers Huawei's Latest Flagship Smartphone

### Deployment Underscores Display Integration Adoption and Emphasizes Synaptics Position as a Leading Touch Solution Provider to Major China OEM

SAN JOSE, Calif., May 28, 2014 /PRNewswire/ -- Synaptics Inc. (NASDAQ: SYNA), the leading developer of human interface solutions, today announced that Huawei has once again selected the ClearPad® family of capacitive touchscreen solutions to power the touch interface of its latest flagship smartphone device, the Ascend P7. By leveraging the ClearPad S3350 In-Cell solution, Huawei is able to offer Ascend P7 users glove input, passive pen and moisture-proofing support, while providing seamless touch performance on the first 5-inch full high-definition (FHD) In-Cell touchscreen device from the Chinese market. This design win further highlights Synaptics' strong relationship with leading Chinese OEMs, like Huawei, who have a global market presence and growing customer base.

Huawei's implementation of Synaptics' ClearPad solution in its flagship device demonstrates the strong trend of display integration technology adoption by OEMs. By integrating touch functionality directly into a device's display, versus an additional discrete sensor layer, OEMs are able to deliver best-in-class touch experience and an excellent display, while providing high-quality design and functionality. Many industry reports indicate that display integration adoption is expected to grow over the next few years as OEMs seek highly integrated solutions and supply chain efficiencies.

#### ClearPad S3350 Key Benefits:

- **Brighter Displays:** Increases the brightness by 10% by eliminating sensor transmitters on the color filter glass.
- **Ultra-thin Designs:** Provides the thinnest solution available today by reducing up to ~1mm in thickness, depending on the stack-up used.
- **Total System Cost Savings:** Reduces total system cost through supply chain efficiencies and complete removal of a discrete sensor stack up.
- **Display Noise Immunity:** Provides highest display noise immunity by performing touch sensing during display blanking periods.
- **User Interaction Features:** Provides features like glove operation and stylus tracking by utilizing advanced trans-capacitance sensing in the display integrated systems.

"As the world's third largest smartphone maker, Huawei has continued to push the boundaries of design and innovation and we're excited to see our industry-leading ClearPad In-Cell technology deployed in the Ascend P7," said Brian Daly, vice president of marketing, Smart Display Division for Synaptics. "Our partnership with Huawei further underscores Synaptics' leadership in the Chinese market. We are uniquely positioned to offer our OEM partners the latest innovations in display integration technology aimed at delivering the ultimate touch experience for consumers around the world."

Synaptics will showcase its entire portfolio of human interface products at Computex Taipei from June 3<sup>rd</sup> through June 5<sup>th</sup>, by appointment only. Customers and suppliers are encouraged to contact their Synaptics partner to arrange a meeting time at Computex. Media are encouraged to contact [synaptics@text100.com](mailto:synaptics@text100.com) to arrange a meeting time.

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

#### **About Synaptics**

The leading developer of human interface solutions which enhance the user experience, Synaptics provides the broadest 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. Natural ID™ fingerprint sensor technology enables authentication, mobile payments, and touch-based navigation for smartphones, tablets, and notebook computers. 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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