



## Synaptics Expands Industry's Broadest Offering of Capacitive Touchscreen Solutions with Latest ClearPad Innovations

### The ClearPad 3200 with stylus support and the 7020 single-chip tablet solution extend Synaptics reach further into handset and tablet markets

SANTA CLARA, Calif., Feb. 9, 2011 /PRNewswire/ -- Synaptics Incorporated (Nasdaq: SYNA), a leading developer of human interface solutions for intelligent devices, today announced the expansion of its touchscreen technology portfolio, unveiling two new ClearPad™ solutions, the stylus-enabled ClearPad 3200, and the single-chip tablet solution ClearPad 7020. Synaptics' ClearPad portfolio is already the industry's broadest offering of capacitive touchscreen solutions on the market today spanning mass-market phones to premium tablets.

#### ClearPad for Mobile Devices and Handheld Applications

ClearPad 3200 supports stylus input for display sizes up to 5" and incorporates updates to the most proven analog front end (AFE) in the industry that has shipped in over 900 million devices. ClearPad 3200 offers industry-leading 41 dB signal-to-noise ratio (SNR), enabling a 1.5 mm stylus and disambiguates it from up to 10 fingers. ClearPad 3200 also improves overall device usability by minimizing touchscreen sensitivity issues associated with noisy handset power supplies and environmental and display noise. Overall device battery life is best-in-class with ClearPad 3200's advanced power optimization circuits and algorithms. Other key features of ClearPad 3200 include:

- Low-latency finger tracking: 120 Hz report rate for up to 10 fingers
- Raw sensor output enables advanced capabilities such as host-device gesture processing
- Compatibility for Sensor-on-Lens, chip on main board, on-cell, and in-cell implementations

Other recent product innovations for handheld applications include:

- The recently-announced ClearPad Series 4 offers Synaptics state-of-the-art ClearPad multi-touch technology with the display driver (DDI) into a single-chip solution. Additional details on the products are available [here](#).
- ClearPad 1100 displaces legacy resistive solutions with a low-cost capacitive solution, facilitating mass-market adoption in mobile devices. It offers a superior user experience with best-in-class single-finger and pinch gesturing in a true single-layer sensor structure that eliminates metal jumpers, fine-pitched routing, and shield layers.

#### ClearPad for Tablets, Slates, and Fourth-Screen Applications

ClearPad 7020, the latest addition to the Series 7 large touchscreen portfolio is a single-chip solution for display sizes up to 10.1" in products ranging from digital photo frames to multi-touch slates and tablets. ClearPad 7020 brings a higher level of performance to single-chip solutions in its class:

- Low-latency finger tracking: 80 Hz report rate for up to 11 fingers
- Raw sensor output enables advanced capabilities such as host-device gesture processing
- Exceptional robustness against power supply, environmental, and display noise
- Optimized power management for best-in-class battery life

"ClearPad 3200 and 7020 target the accelerating demand for touch across a wide spectrum of mobile and consumer electronics. More importantly, both products build on the foundation of Synaptics' decades-long focus on capacitive touch in the most demanding consumer electronics," said Kevin Barber, senior vice president and general manager of Synaptics' Handheld Division. "Synaptics' system engineering and technical expertise help our partners accelerate time-to-market and create the seamless, intuitive, touch experience that consumers demand."

Demos will be on display at MobileFocus Global 2011, an invitation-only media event on Monday, February 14, from 7 p.m. to 10 p.m. at the Rey Juan Carlos hotel in Barcelona. Synaptics will also exhibit its latest touchscreen solutions in Hospitality Suite 4.6HS04 at Mobile World Congress 2011. To arrange a demonstration of Synaptics' technology customers may contact [MWC@synaptics.com](mailto:MWC@synaptics.com) and media may contact Katie Mech at [kathleen.mech@edelman.com](mailto:kathleen.mech@edelman.com), +1-650-346-1054. For the latest

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## About Synaptics

Synaptics (NASDAQ: [SYNA](#)) is a leading developer of human interface solutions for the mobile computing, communications, and entertainment industries. The company creates interface solutions for a variety of devices including notebook PCs, PC peripherals, digital music players, and mobile phones. The TouchPad, Synaptics' flagship product, is integrated into a majority of today's notebook computers. Consumer electronics and computing manufacturers use Synaptics' solutions to enrich the interaction between humans and intelligent devices through improved usability, functionality, and industrial design. The company is headquartered in Santa Clara, Calif. [www.synaptics.com](http://www.synaptics.com).

## Forward-Looking Statements

This press release contains "forward-looking" statements about Synaptics, as that term is defined under the federal securities laws. Synaptics intends such forward-looking statements to be subject to the safe harbor created by those laws. Such forward-looking statements include, but are not limited to, statements regarding the Company having the broadest offering of capacitive touch solutions on the market; ClearPad Series 4 offering the premier capacitive touch sensing solution for display integration; ClearPad 1100 displacing legacy resistive solutions and offering a superior user experience with best-in-class single-finger and pinch; ClearPad 7020 bringing a higher level of performance to single-chip solutions in its class; and Synaptics' system engineering and technical expertise helping accelerate time-to-market. Synaptics cautions that these statements are qualified by important factors that could cause actual results to differ materially from those reflected by the forward-looking statements contained herein. Such factors include, but are not limited to, (a) demand for Synaptics' products, (b) market demand for OEMs' products using Synaptics' solutions, (c) changing market demand trends in the markets Synaptics serves, (d) the success of customers' products that utilize Synaptics' product solutions, (e) the development and launch cycles of customers' products, (f) market pressures on selling prices, (g) changes in product mix, (h) the market acceptance of Synaptics' product solutions compared with competitors solutions, (i) general economic conditions, including consumer confidence and demand, and (j) other risks as identified from time to time in Synaptics' reports filed with the Securities and Exchange Commission, including Quarterly Reports on Form 10-Q and the Annual Report on Form 10-K for the fiscal year ended June 30, 2010. All forward-looking statements are based on information available to Synaptics on the date hereof, and Synaptics assumes no obligation to update such statements.

Synaptics, ClearPad, TouchPad, and the Synaptics logo are trademarks of Synaptics in the United States and/or other countries.

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