



Synaptics ClearPad 3200 On-Cell Smartphone Solution Now Shipping in Sharp Phone

Synaptics continues to build on its history of developing leading smartphone touch solutions

SANTA CLARA, Calif., Jan. 5, 2012 /PRNewswire/ -- Synaptics Inc. (NASDAQ: SYNA), a leading developer of human interface solutions for mobile computing, communications and entertainment devices, today announced the first shipment of its ClearPad™ 3200 on-cell solution in the Sharp DC250 smartphone, which is now available through DoCoMo in Japan. The ClearPad 3200 is a single-chip controller for 2D capacitive touchscreens and buttons. The Sharp DC250 features a 720p HD resolution touchscreen, a 4.5-inch glass-free 3D screen, and a built-in 12 megapixel camera with full 1080p HD video capture.

Synaptics ClearPad 3200 offers industry-leading signal-to-noise ratio (SNR) and stylus support with the ability to discern up to 10 fingers on screens up to five inches. ClearPad 3200 improves overall device usability by eliminating touchscreen sensitivity issues associated with noisy handset power supplies as well as environmental and display noise. It helps manage power requirements by delivering best-in-class battery life with advanced power optimization circuits and algorithms. Other ClearPad 3200 features include low-latency finger tracking at 120 Hz for up to 10 fingers and compatibility for sensor on lens, chip on main board and on-cell implementations.

ClearPad 3200 leverages Synaptics' Design Studio™4 (DS4), the ClearPad development solution embedded with patented SignalClarity™ Technology. Synaptics DS4 offers the most advanced and comprehensive touch system in the market and accelerates the ClearPad development cycle by enabling customers to evaluate and optimize the performance of their touch experience, and efficiently implement their custom ClearPad sensor solution. SignalClarity Technology improves tracking accuracy, finger separation, and environmental and electrical noise robustness for an unmatched user experience. Synaptics empowers its customers to differentiate themselves in the marketplace by delivering the next wave of capacitive touch solutions with its system-level engineering expertise and global technical design centers, which provide high-performance products that are responsive, robust and easy to integrate.

"ClearPad 3200 is a high-performance solution for smartphone designers seeking the industry's most innovative touch solutions and the best user experiences," said Brian Daly, vice president of Synaptics Handheld business. "Sharp is delighted with the low-power, high-performance characteristics of our latest solution and is excited to continue partnering with Synaptics."

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

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, tablets, 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, California. www.synaptics.com.

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