

Atmel and Fingerprint Cards Enter Strategic Partnership for Biometric Fingerprint and Touchscreen Solutions

Customers to Achieve Secure, Biometric Touch Fingerprint Area Sensing on High-performance Touchscreens

San Jose, CA, and Gothenburg, Sweden, December 22, 2014 - Atmel® Corporation (NASDAQ: ATML), a global leader in microcontroller and touch technology solutions, and Fingerprint Cards AB (FPC), a world leader in fingerprint verification solutions, today announced the two companies are jointly bringing the world's best capacitive touchscreens and touch fingerprint area sensor technology to smart devices.

There are many synergies between fingerprint and touchscreens and the two companies see strong opportunities to co-develop and merge their solutions to provide intelligent user interfaces. In this collaboration, Atmel and FPC bring Atmel's award-winning maXTouch® technologies and market-leading FPC family of fingerprint sensors into an enhanced, cohesive solution for a secure and flawless user experience.

As mobile devices become an integral part of the digital lifestyle and grow to encompass everything from mobile banking to household security, emails to remote database access and more, consumers are demanding ever-more sophisticated features from a flawless touchscreen user interface to robust and convenient security options such as fingerprint-based user verification. The joint solution accelerates an OEM's time-to-market by bringing must-have high-performance security and user interface solutions from two leading providers.

"Biometric fingerprint security is the next leap towards a more differentiated touchscreen device in the era of the Internet of Things where more secure, smart and connected devices are powering the world," said Stan Swearingen, Sr. Vice President and Chief Technology Officer, Atmel Corporation. "Atmel has a long history in the security space, and when this expertise combines our market-leading maXTouch technologies with FPC's secure biometric fingerprint sensing technology, we are able to bring a more secure, efficient touchscreen that delivers a unique user experience. We are looking forward to taking advantage of FPC's fingerprint sensor technology in bringing a highly compelling joint proposition to device OEMs."

"In order to bring more security to mobile devices, device manufacturers are adopting fingerprint sensing technologies to offer consumers an improved user experience," said Jörgen Lantto, acting President and CEO, FPC. "We are collaborating with Atmel, a global touchscreen leader to ensure our technologies are built around world-class user interfaces to give consumers an enhanced experience every time. FPC is thrilled to team up with Atmel to bring a unified solution of biometric fingerprint sensing and touchscreens using Atmel's widely adopted maXTouch controllers."

Atmel maXTouch Controllers

The revolutionary maXTouch controllers represent Atmel's industry-leading capacitive touchscreen controllers for the mobile market. These well-adopted controllers feature a range of user interface technologies—from active stylus to hover—with cutting-edge performance to create a best-in-breed platform for consumers.

FPC's Fingerprint Sensing Technology



FPC's touch fingerprint sensors and swipe fingerprint sensor are based on patented proprietary technology, which offers several strong advantages such as an acknowledged high image quality, programmable pixel elements and 256 gray scale values from every pixel element. Thanks to the image quality of the sensors and the performance of FPC's algorithms, FPC's fingerprint sensors offers industry leading biometric performance while maintaining the markets' lowest power consumption.

More Information

Atmel maXTouch T Series: <http://www.atmel.com/microsite/maxtouch-t-series/default.aspx>

Embedded Design Blog: www.atmelcorporation.wordpress.com

Fingerprint Cards AB: www.fingerprints.com

Atmel YouTube Channel at www.atmel.com/youtube

Twitter: www.atmel.com/twitter

Facebook: www.atmel.com/facebook

Linked In: www.atmel.com/linkedin

About Atmel

Atmel Corporation (NASDAQ: ATML) is a worldwide leader in the design and manufacture of microcontrollers, capacitive touch solutions, advanced logic, mixed-signal, nonvolatile memory and radio frequency (RF) components. Leveraging one of the industry's broadest intellectual property (IP) technology portfolios, Atmel is able to provide the electronics industry with intelligent and connected solutions focused on the industrial, consumer, communications, computing and automotive markets.

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About Fingerprint Cards AB (publ)

Fingerprint Cards AB (STO: FING-B) develops, produces and markets biometric components that through the analysis and matching of an individual's unique fingerprint verify the person's identity. The technology consists of biometric sensors, processors, algorithms and modules that can be used separately or in combination with each other. The competitive advantages offered by the FPC's technology include unique image quality, extreme robustness, low power consumption and complete biometric systems. With these advantages and the ability to achieve extremely low manufacturing costs, the technology can be implemented in volume products such as smart cards and mobile phones, where extremely rigorous demands are placed on such characteristics.

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Fingerprint Cards AB (publ) discloses this information pursuant to the Swedish Securities Market Act (2007:528) and the Swedish Financial Instruments Trading Act (1991:980). The information was issued for publication on December 22, 2014 at 02:00pm CET.

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