

## **eMemory and SMIC Expand Partnership in eNVM Technical Development**

HSINCHU, Dec. 30, 2013 /PRNewswire/ — eMemory, the global leader in embedded non-volatile memory (eNVM) and Semiconductor Manufacturing International Corporation (“SMIC”; NYSE: SMI; SEHK: 981), China’s largest and most advanced semiconductor foundry, today announced that they plan to expand the deployment of their current collaboration on SMIC’s eNVM platform development. The platform covers both One Time Programmable (OTP) and Multiple Times Programmable (MTP) eNVM technologies, such as NeoBit, NeoFuse, NeoEE and NeoMTP, across a wide range of technology nodes ranging from 0.35um to 40nm.

eMemory and SMIC have been collaborating since 2004. SMIC’s processes that apply eMemory’s eNVM solutions include logic, HV, analog, and BCD processes; with applications ranging from digital set-top box (STB), multimedia players, power management IC, microcontrollers, Bluetooth controller IC and Radio Frequency Identification (RFID) IC...etc.

The two companies recently teamed up to provide an OTP solution based on SMIC’s 0.18um and 0.13um processes which offer customers high reliability and cost effective power management solutions. These solutions can benefit analog and power management clients to gain tactical advantages for serving the vast Smartphone, Tablet PC, and the emerging wearable devices market.

On the other hand, eMemory and SMIC are also actively developing eNVM solutions for applications that require high endurances and security features. The offered solution is capable of meeting a myriad of client requirements including low cost, superior performance and reliability. eMemory and SMIC expect continued success as the consumer electronics market in China flourishes.

eMemory received the Best IP Partner Award in Specialty NVM IP area at SMIC’s 13th Technology Symposium; alongside the world’s leading IP companies including ARM and Synopsys. This honor is in recognition of eMemory’s outstanding abilities in excellent silicon IP products, highly integrated technical support and design services. The achievement demonstrates eMemory’s leading position in the global eNVM industry.

“eMemory is our trusted IP partner who has consistently demonstrated excellence in IP quality, reliability and its customer service since we began our collaboration in 2004,” said Dr. Tianshen Tang, Senior Vice President of SMIC Design Service. “Our partnership with eMemory further strengthens the quality of our products so we can provide our customers highly competitive products with smaller sizes and better performance at lower costs. We look forward to forging a closer relationship with eMemory on our future high-end products.”

eMemory President Rick Shen commented, “Mainland China, as one of our major target markets, has the greatest purchasing power in the world for consumer electronics. eMemory is honored to receive the first Best IP Partner Award from SMIC. This award represents not only the recognition of our capabilities of technical support and design service, but also indicates a stronger bond between the two companies to jointly expand market share in Mainland China in the future. eMemory and SMIC will continue to broaden the collaboration scope to establish comprehensive eNVM technology and silicon IP product portfolios and to provide customers with more competitive process platforms. Our ultimate goal is to create an all-win situation for eMemory, SMIC, and our mutual customers.”

### **About SMIC**

Semiconductor Manufacturing International Corporation (“SMIC”; NYSE: SMI; SEHK: 981) is one of the leading semiconductor foundries in the world and the largest and most advanced foundry in mainland

China, providing integrated circuit (IC) foundry and technology services at 0.35-micron to 40-nanometer. Headquartered in Shanghai, China, SMIC has a 300mm wafer fabrication facility (fab) and a 200mm mega-fab in Shanghai, a 300mm mega-fab in Beijing, a 200mm fab in Tianjin, and a 200mm fab project under development in Shenzhen. SMIC also has customer service and marketing offices in the U.S., Europe, Japan, and Taiwan, and a representative office in Hong Kong. For more information, please visit [www.smics.com](http://www.smics.com).

## **Safe Harbor Statements**

(Under the Private Securities Litigation Reform Act of 1995)

This document contains, in addition to historical information, “forward-looking statements” within the meaning of the “safe harbor” provisions of the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on SMIC’s current assumptions, expectations and projections about future events. SMIC uses words like “believe,” “anticipate,” “intend,” “estimate,” “expect,” “project” and similar expressions to identify forward looking statements, although not all forward-looking statements contain these words. These forward-looking statements are necessarily estimates reflecting the best judgment of SMIC’s senior management and involve significant risks, both known and unknown, uncertainties and other factors that may cause SMIC’s actual performance, financial condition or results of operations to be materially different from those suggested by the forward-looking statements including, among others, risks associated with cyclical and market conditions in the semiconductor industry, intense competition, timely wafer acceptance by SMIC’s customers, timely introduction of new technologies, SMIC’s ability to ramp new products into volume, supply and demand for semiconductor foundry services, industry overcapacity, shortages in equipment, components and raw materials, availability of manufacturing capacity, financial stability in end markets and intensive intellectual property litigation in high tech industry.

In addition to the information contained in this document, you should also consider the information contained in our other filings with the SEC, including our annual report on Form 20-F filed with the SEC on April 15, 2013, especially in the “Risk Factors” section and such other documents that we may file with the SEC or SEHK from time to time, including on Form 6-K. Other unknown or unpredictable factors also could have material adverse effects on our future results, performance or achievements. In light of these risks, uncertainties, assumptions and factors, the forward-looking events discussed in this document may not occur. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date stated or, if no date is stated, as of the date of this document.

## **About eMemory:**

eMemory (TWSE: 3529) is a global leader in logic process embedded non-volatile memory (eNVM) silicon IP. Since established in 2000, eMemory has been devoted to research and development of innovative technologies, offering the industry’s most comprehensive platforms of patented eNVM IP solutions include NeoBit® (OTP silicon IP), NeoFuse® (anti-fuse OTP silicon IP), NeoMTP® (1,000+ times programmable silicon IP), NeoFlash® (10,000+ times programmable silicon IP), and NeoEE® (100,000+ times programmable silicon IP) to semiconductor foundries, integrated devices manufacturers (IDMs) and fabless design houses worldwide. eMemory’s eNVM silicon IPs support wide range of applications include trimming, function selection, code storage, parameter setting, encryption, and identification setting. The company has the world’s largest NVM engineering team and prides itself on providing partners a full-service solution that sees the integration of eMemory eNVM IP from initial design stages through fabrication. For more information about eMemory, please visit [www.ememory.com.tw](http://www.ememory.com.tw).

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