

SMIC Introduces Independently Developed 38nm NAND Process Technology

SHANGHAI, Sept. 10, 2014 /PRNewswire/ — **Semiconductor Manufacturing International Corporation** (“SMIC”; NYSE: SMI; SEHK: 981) announced the readiness of 38nm NAND Flash process technology, making it the only foundry to manufacture NAND products for its customers. This process platform has been independently developed in its entirety by SMIC. With this offering, SMIC leads the way in serving the growing demand in specialty memory fabless customers with high-quality low-density NAND Flash products.

NAND Flash is the fastest growing non-volatile memory (NVM) product in recent years. The 38nm NAND Flash technology targets diversified high volume specialty applications, such as embedded products, mobile computing, TV and STB (Set-top Box). Customers are also leveraging this technology to address SPI (Serial Peripheral Interface) NAND market as well as the increasing usage of IoT related products. SMIC’s successful launch of 38nm NAND Flash technology helps customers to meet the growing demands of this market both in China and globally.

“SMIC has developed a series of specialty NOR flash platform from 130nm down to 65nm in the past. Through the dedicated and methodical effort of SMIC’s R&D team, we have achieved an important diversification in offering 38nm NAND. This will serve as a solid foundation for us to move forward on the development of more advanced nodes such as 2x/1xnm and 3D NAND Flash process technology. SMIC is committed to drive advanced NAND Flash for fabless customers that meet high quality standards,” said Dr. Shiu-Wuu Lee, Executive Vice President of Technology Development of SMIC.

“This important milestone has great strategic significance not only to SMIC, but also to our specialty memory customers and partners. For our customers, SMIC solidifies the commitment and capabilities on advanced non-volatile memory technology development. In addition, it demonstrates SMIC’s capability to establish a leading position in selective market segments,” said Dr. Tzu-Yin Chiu, Chief Executive Officer & Executive Director of SMIC.

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. SMIC provides integrated circuit (IC) foundry and technology services at 0.35-micron to 28-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 and a majority owned 300mm fab for advance nodes under development; a 200mm fab in Tianjin; and a 200mm fab project under development in Shenzhen. SMIC also has marketing and customer service offices in the U.S., Europe, Japan, and Taiwan, and a representative office in Hong Kong. For more information, please visit 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 14, 2014, 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.

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