

ASM Receives Order for Multiple Systems from Inotera Memories, Taiwan

BILTHOVEN, The Netherlands, July 5, 2006 - ASM International N.V. (Nasdaq: ASMI and Euronext Stock Exchange in Amsterdam: ASM) today announced that its subsidiary ASM Europe B.V. has received an order for multiple 300 mm A412™ vertical furnaces from Taiwan-based Inotera Memories, Inc. Most of the equipment will be delivered to Inotera in Q3 and Q4 this year.

ASM, a supplier to the world's largest chip manufacturers since 1968, is a leading vendor of 300 mm vertical furnaces for processes such as oxidation, diffusion, Low Pressure Chemical Vapor Deposition (LPCVD) and, more recently, Atomic Layer and Atomic Layer CVD Deposition (ALD and ALCVD). The A412 vertical furnace is the latest member of the Advance® 400 Series, which has a total installed base of over 1200 reactors. The A412 vertical furnace offers its users unique advantages such as:

- two reactors per system combined with dual boat operation to obtain high throughput with a small footprint, and
- the capability of processing both 200 mm and 300 mm wafers at the same time.

Inotera selected ASM's A412 for its high throughput and low cost of ownership, next to its advanced process capabilities, which are particularly important in the memory manufacturing.

“We are grateful for Inotera's confidence in ASM,” said Tanja Claasen-Vujcic, ASM's Vertical Furnace Product Manager, “and we are looking forward to our future co-operation. In the last few years ASM has invested heavily in the Taiwan region to strengthen our sales, and especially our service organization. As part of these efforts we have recently opened a customer training centre in the region, and we're pleased to see these investments being recognized with the order from Inotera.”

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About ASM International

ASM International N.V. and its subsidiaries design and manufacture equipment and materials used to produce semiconductor devices. The company provides production solutions for wafer processing (Front-end segment) as well as assembly and packaging (Back-end segment) through facilities in the United States, Europe, Japan and Asia. ASM International's common stock trades on NASDAQ (symbol ASMI) and the Euronext Amsterdam Stock Exchange (symbol ASM). For more information, visit ASMI's web site at www.asm.com

About Inotera

Inotera Memories, Inc. was incorporated on January 23rd, 2003. Inotera was founded as a joint venture by Qimonda AG (formerly the memory products division of [Infineon Technologies AG](http://www.infineon.com)) and [Nanya Technology Corporation](http://www.nanya.com). Inotera's production facility has been designed to manufacture high-density and high-performance commodity DRAM (Dynamic Random Access Memory) products using state of the art trench technology. The collaboration of Qimonda's world leading technology and Nanya's cost efficiency in mass production have developed an innovative facility which are highly productive, highly competitive and leading edge in the DRAM industry. For more information please visit <http://www.inotera.com>

Safe Harbor Statement under the U.S. Private Securities Litigation Reform Act of 1995: All matters discussed in this statement, except for any historical data, are forward-looking statements. Forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. These include, but are not limited to, economic conditions and trends in the semiconductor industry generally and the timing of the industry cycles specifically, currency fluctuations, the timing of significant orders, market acceptance of new products, competitive factors, litigation involving intellectual property, shareholder and other issues, commercial and economic disruption due to natural disasters, terrorist activity, armed conflict or political instability, epidemics and other risks indicated in the Company's filings from time to time with the U.S. Securities and Exchange Commission, including, but not limited to, the Company's reports on Form 20-F and Form 6-K. The Company assumes no obligation nor intends to update or revise any forward-looking statements to reflect future developments or circumstances.

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