

FOR: BE SEMICONDUCTOR INDUSTRIES N.V.
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The Netherlands

PRESS RELEASE

BE Semiconductor Industries Announces Completion of Share Repurchase Program

Duiven, the Netherlands, November 6, 2007, BE Semiconductor Industries N.V. ("the Company" or "Besl") (Euronext: BESI), a leading manufacturer of assembly equipment for the semiconductor industry, today announced that it repurchased 612,607 shares during the period from November 5, 2007 up to and including November 6, 2007. The shares were repurchased at an average price of € 3.8993 for a total amount of €2,388,764.

The above-mentioned transactions complete the Share Repurchase Program announced on September 3, 2007 according to which the Company repurchased a total of 1,500,000 shares at an average price of €4.1514 for a total amount of €6,227,027.

About BE Semiconductor Industries N.V.

BE Semiconductor Industries N.V. designs, develops, manufactures, markets and services die sorting, flip chip and multi-chip die bonding, packaging and plating equipment for the semiconductor industry's assembly operations. Its customers consist primarily of leading U.S., European, Asian, Korean and Japanese semiconductor manufacturers and subcontractors which utilize its products for both array connect and conventional leadframe manufacturing processes. For more information about Besl, please visit our website at www.besi.com.

Caution Concerning Forward Looking Statements

Statements in this press release regarding Besl's intention to repurchase Ordinary Shares from time to time under the stock repurchase program, the intended use of any repurchased shares and the source of funding are forward-looking statements. There are a number of important factors that could cause actual events to differ materially from those suggested or indicated by such forward-looking statements. These include, among others, the market price of Besl's stock prevailing from time to time, the nature of other investment opportunities presented to the Company from time to time, the Company's cash flows from operations, general economic conditions, and other factors identified in the Company's Annual Report filed with the AFM.

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