

PRESS RELEASE

BE Semiconductor Industries Announces Transactions Under Share Repurchase Program

Duiven, the Netherlands, December 22, 2017 - BE Semiconductor Industries N.V. (the "Company" or "Besi") (Euronext Amsterdam: BESI; OTC: BESIY - Nasdaq International Designation) reports the following transactions, conducted under Besi's current share repurchase program.

Date	Total repurchased	Weighted average price	Total repurchased value
	shares	(in euro)	(in euro)
18-Dec-17	1,307	68.82	89,949.57
19-Dec-17	1,285	70.06	90,026.97
20-Dec-17	1,270	70.77	89,883.11
21-Dec-17	1,267	70.96	89,909.87
22-Dec-17	1,279	70.29	89,898.74

The share repurchases are part of a share repurchase program announced on October 27, 2016, which was extended for an additional year to October 30, 2018. Details are available on our website at http://www.besi.com/investor-relations/share-repurchase-program/.

About Besi

Besi is a leading supplier of semiconductor assembly equipment for the global semiconductor and electronics industries offering high levels of accuracy, productivity and reliability at a low cost of ownership. The Company develops leading edge assembly processes and equipment for leadframe, substrate and wafer level packaging applications in a wide range of end-user markets including electronics, mobile internet, computer, automotive, industrial, LED and solar energy. Customers are primarily leading semiconductor manufacturers, assembly subcontractors and electronics and industrial companies. Besi's ordinary shares are listed on Euronext Amsterdam (symbol: BESI). Its Level 1 ADRs are listed on OTC (symbol: BESIY - Nasdaq International Designation) and its headquarters are located in Duiven, the Netherlands. For more information, please visit our website at www.besi.com.

Contacts:

Richard W. Blickman, President & CEO Cor te Hennepe, SVP Finance Tel. (31) 26 319 4500 investor.relations@besi.com CFF Communications Frank Jansen Tel. (31) 20 575 4024 besi@cffcommunications.nl