

PRESS RELEASE

BE Semiconductor Industries Announces Transactions Under Share Repurchase Program

Duiven, the Netherlands, August 27, 2019 - 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) |
| 19-Aug-19 | 7,704 | 26.48 | 203,986.51 |
| 20-Aug-19 | 7,668 | 26.59 | 203,905.16 |
| 21-Aug-19 | 7,612 | 26.80 | 203,976.48 |
| 22-Aug-19 | 7,703 | 26.47 | 203,919.21 |
| 23-Aug-19 | 7,754 | 26.31 | 203,979.83 |
| 26-Aug-19 | 7,931 | 25.72 | 203,978.98 |
| 27-Aug-19 | 7,883 | 25.87 | 203,961.59 |

The share repurchases are part of a share repurchase program announced on July 26, 2018. Details are available on our website at https://www.besi.com/investor-relations/share-repurchase-program/.

This regular update of the transactions conducted under the share repurchase program is made public under the Market Abuse Regulation (No. 596/2014/EU).

About Besi

Besi is a leading supplier of semiconductor assembly equipment for the global semiconductor and electronics industries focusing primarily on the advanced packaging segment of the market. 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, cloud infrastructure, computing, 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 the OTC markets (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