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Press release

productronica: Semiconductors cluster gives key aspects of electronics manufacturing better visibility

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Functioning electronics without semiconductor manufacturing and technology? Unthinkable! Both fields are key elements of electronics manufacturing that are summarized in the Semiconductors cluster at productronica 2015 for even better visibility and the significance that they deserve. The cluster's exhibitors will present their latest innovations in areas such as cleanroom technology, electronic chips and cyber-physical and intelligent systems as well as their integration into concrete applications. The Semiconductors cluster is located in Hall B3. productronica takes place from November 10 to 13, 2015.

The European semiconductor industry is experiencing moderate growth despite tough international competition. Above all, the forces driving that growth are Industry 4.0, medical technology and the use of microelectronics in the automotive industry. When it comes to investing in semiconductor facilities and modernizing chip factories, the industry in Europe expects an increase of three percent, and an increase of five percent for 2016, Laith Altimime, President of the trade association Semi Europe, said in early October. She went on to explain that increased networking of people, things and systems means good market opportunities for semiconductor companies in Europe.

The packaging sector in particular continues to grow: Driven by lower costs, miniaturization and improved performance, the trend is toward increasingly smaller and thinner packages—made possible by increasingly smaller chips and contact "bumps" as well as new connections. Companies such as Kulicke & Soffa are presenting their latest developments in this area at productronica: "We have seen this trend for several years now and have been investing in

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developing new products for this market for quite some time," says Alex Nies, Director, Advanced Packaging Mass Reflow at Kulicke & Soffa. "productronica is the most important trade fair in Europe, and we can present our innovations to a broad-based audience from around the world there." Among other things, Kulicke & Soffa is presenting the Asterion i-ONE, a new compact single-magazine handler solution designed and integrated for our latest enhanced capability hybrid wedge bonder. This integrated solution can be customized to handle master card DBC, singulated DBC, modules, Flat boat and J-boat carriers.

Cleanroom Event Stage

Cleanroom technology continues to increase in significance in microtechnology. A growing number of manufacturers are now producing in cleanroom environments. The automotive industry is calling on more and more suppliers to meet their cleanliness requirements. productronica is taking increased demand into account by presenting extensive information on the topic of cleanroom technology in a special show known as the Cleanroom Event Stage (Hall B3, Stand 151). The Event Stage is being organized by four companies, i.e. cleanroom.de, Gerflor, Kemmlit and profi-con. It features a forum where exhibitor and visitors can dialog and discuss question such as "What should be taken into account when it comes to local clean environments?", "What clothing and what kind of gloves should be used?", "What furnishings and floor coverings are appropriate for my process?" and "What is the right way to train employees?"

In addition to semiconductor manufacturing, the Semiconductors cluster covers the manufacture of displays, LEDs and discrete components as well as the sectors for photovoltaics manufacturing, micro/nano-production, materials processing and cleanroom technology. Additional information about the Semiconductors cluster and productronica 2015 is available [here](#).

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Online accreditation:

Please keep in mind that journalists may have themselves accredited online:

<http://productronica.com/trade-fair/for-the-press/accreditation/>



Illustration: Asterion i-ONE of Kulicke & Soffa

About productronica

productronica is the world's leading trade fair for electronics development and production and is supported by the Productronics Association in the German Engineering Federation (VDMA) as a conceptual partner. It has taken place in Munich every two years since 1975 and is a core element of the electronics trade fair network of Munich International Trade Fair. 2013 1,220 exhibitors from 39 countries and more than 38,000 visitors took part at productronica. The next productronica takes place from November 10 – 13, 2015. www.productronica.com.

productronica worldwide

In addition to productronica, Messe München International also organizes productronica China and productronica India. Its network of electronics trade fairs also includes electronica in Munich, electronica China, electronica India and eAsia.

Messe München International

Messe München International is one of the world's leading trade-show companies. It organizes some 40 trade shows for capital and consumer goods and key high-tech industries in Munich alone. 14 of those events are number 1 in the world in their respective industries. Each year more than 30,000 exhibitors and some two million visitors take part in events held at the Messe

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München trade-fair center, the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München. In addition, Messe München International organizes trade shows in China, India, Turkey and South Africa. Messe München has a global business presence with affiliates in Europe, Asia and Africa and more than 60 foreign representatives serving more than 100 countries. www.messe-muenchen.de

About VDMA Productronic and VDMA Electronics, Micro and Nano Technologies

The Sector Group Productronics is part of the VDMA Sector Association Electronics, Micro and Nano Technologies. It represents about 75 member companies along the entire process chain of electronics production. The member companies produce machines, equipment, materials and components for a wide range of electronic products, including semiconductors ("microchips"), printed circuit boards (PCBs), electronic assemblies, flat panel displays, data storage, photovoltaics and electrical energy storage. The VDMA sector association Electronics, Micro and Nano Technologies leverages synergies between the two sectors groups Productronic and Micro Technologies. In these groups, activities that match the specific requirements of each sub-sector are defined and implemented. Joint activities are launched in the sector association.

<http://emint.vdma.org>

The German Engineering Federation represents more than 3,100 companies in the engineering industry, many of which are small and medium sized enterprises. With 1,008,000 employees all over Germany and a sales turnover of 212 billion Euros (2014) the engineering sector is the biggest employer and one of the leading sectors of German industry.

<http://www.vdma.org>