

Kulicke & Soffa Launches ConnX-LED

FORT WASHINGTON, Pa. --(BUSINESS WIRE)--Sep. 4, 2009-- Kulicke & Soffa Industries, Inc. (NASDAQ:KLIC) today announced the formal launch of *ConnX-LEDPSTM* automatic ball bonder—an extension of the company's leading *ConnXPSTM* bonding platform. With new features and enhancements specifically designed for LED applications, *ConnX-LED* will help K&S customers increase their efficiency and productivity, and meet the challenges of the fast-paced, high growth LED market.

ConnX-LED offers all of the features required for bonding LED packages, including accuracy to +/- 3.5 µm, automatic recovery paths for common production stoppages, programmable back-up power and many others—providing customers with reduced cost of ownership in a highly competitive market space. *ConnX-LED* joins *iStackPSTM*, *ICONNPSTMConnX*, and *ConnX-VLEDPSTM* in Kulicke & Soffa's *Power Series* platform, the next generation of semiconductor assembly equipment for today's most challenging applications. Driven by the most powerful X-Y-Z motion control system available on the market, *Power Series* products deliver the highest levels of speed, accuracy and throughput for reduced cost of ownership for the segment that the respective model serves.

Commenting on the announcement, Scott Kulicke, Chairman and CEO of Kulicke & Soffa, said, "Recent industry research projects a 20% annual growth rate in total LED demand through 2012, as LED backlight displays and energy-saving lighting solutions continue to penetrate their market niches. The launch of *ConnX-LED* is just one of the steps we've taken recently to optimize our product portfolio and distribution approach to address this market, one we have not traditionally served. We believe that we are now well positioned with the right products and sales infrastructure to gain meaningful share in this important and growing segment."

ConnX-LED will debut at the 11th China International Optoelectronics Expo, held at the Shenzhen Convention and Exhibition Center in Shenzhen, PRC September 6-9, 2009.

About Kulicke & Soffa

Kulicke & Soffa "K&S" (NASDAQ:KLIC) is a global leader in the design and manufacture of semiconductor assembly equipment. As a pioneer in this industry, K&S has provided customers with market leading packaging solutions for decades. In recent years, K&S has expanded its product offerings through strategic acquisitions, adding die and wedge bonders and a broader range of expendable tools to its core ball bonding products. Combined with its extensive expertise in process technology, K&S is well positioned to help customers meet the challenges of assembling the next-generation semiconductor devices. (www.kns.com)

Caution Concerning Forward-Looking Statements

In addition to historical statements, this press release contains statements relating to future events and our future results. These statements are "forward-looking" statements within the meaning of the Private Securities Litigation Reform Act of 1995, and include, but are not limited to, statements that relate to the strength and growth of LED demand, future demand for our products, and benefits to our customers from our products and services. While these forward-looking statements represent our judgments and future expectations concerning our business, a number of risks, uncertainties and other important factors could cause actual developments and results to differ materially from our expectations. These factors include, but are not limited to the risk that volatile global economic conditions may result in, among other things, sharply lower demand for products containing semiconductors and for the Company's products; the risk of failure to successfully manage our operations; the risk that anticipated customer orders may not materialize or that orders received may be postponed or canceled, generally without charges; the volatility in the demand for semiconductors and our products and services; the risk that we may not be able to develop and manufacture new products and product enhancements on a timely and cost effective basis; acts of terrorism and violence; risks, such as changes in trade regulations, currency fluctuations, political instability and war, associated with a substantial foreign customer and supplier base and substantial foreign manufacturing operations; and the factors listed or discussed in Kulicke and Soffa Industries, Inc. 2008 Annual Report on Form 10-K and our other filings with the Securities and Exchange Commission. Kulicke & Soffa Industries is under no obligation to (and expressly disclaims any obligation to) update or alter its forward-looking statements whether as a result of new information, future events or otherwise.

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