

Kulicke & Soffa Industries, Inc.

Kulicke & Soffa and Rohinni Launch PIXALUX™ Next Generation of Micro and Mini LED Solution

SINGAPORE--(BUSINESS WIRE)--Sep. 4, 2018-- Kulicke & Soffa Industries, Inc. (NASDAQ:KLIC) ("Kulicke & Soffa" or "K&S") and Rohinni LLC (Rohinni), announced today the launch of PIXALUX™, K&S's micro and mini LED advanced placement solution that was developed with Rohinni.

Next-generation LED technologies have the potential to further enhance performance, improve efficiency and reduce the size of existing lighting technologies. Significant high-volume end-markets including automotive, display, consumer electronics and general lighting are anticipated to drive adoption and benefit from this emerging technology. While micro and mini LED benefits are compelling, high-volume placement challenges needed to be addressed prior to widespread market adoption of these emerging lighting solutions.

In May 2018, Kulicke & Soffa announced a joint development partnership with Rohinni to directly address this challenge. Today, the combined efforts of this partnership provide a disruptive solution - PIXALUX™. With a breakthrough combination of high-throughput and high-accuracy placement supporting extremely small-die applications, PIXALUX™ brings a new level of competitiveness to the high-speed die placement market.

- High productivity and yield with its ultrafast placement head design
- Placement accuracy and speed on multiple types of substrates
- Supports placement of LED and IC dies
- Wafer magazine with 10 wafer carriers
- Ease of use with one-step automatic wafer loading

Chan Pin Chong, Kulicke & Soffa's Senior Vice President of Wedge Bond & EA/APMR Business Unit, said, "We are excited to announce PIXALUX™, an innovative cost-effective high speed mini LED placement solution. An example of one of the applications we anticipate PIXALUX™ initially enabling is the development of 2D LCD display backlighting which means thinner and lighter display products that will provide better performance, dynamic range (HDR) and efficiency, improving the overall experience of LCD displays for the consumer."

"Our partnership with K&S is another big step forward for the Rohinni team and our technology," said Matt Gerber, Rohinni CEO. "The scale, capabilities and reach of K&S coupled with Rohinni's advanced mini-LED placement technology means customers around the world now have a viable path to develop and manufacture next generation mini-LED based products."

Customer evaluations of the PIXALUX™ bonder will commence in October 2018.

About Kulicke & Soffa

Kulicke & Soffa (NASDAQ: KLIC) is a leading provider of semiconductor packaging and electronic assembly solutions supporting the global automotive, consumer, communications, computing and industrial segments. As a pioneer in the semiconductor space, 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 and organic development, adding advanced packaging, electronics assembly, wedge bonding and a broader range of expendable tools to its core offerings. Combined with its extensive expertise in process technology and focus on development, K&S is well positioned to help customers meet the challenges of packaging and assembling the next-generation of electronic devices. (www.kns.com)

About Rohinni

Rohinni LLC makes beautiful light available anywhere. The company's innovative, proprietary robotic process supersedes complex LED manufacture by placing mini and micro LEDs directly on virtually any substrate at unprecedented speeds, in high volumes, and at greatly reduced cost. Rohinni's disruptive technology lets designers create lighting that is brighter, thinner, lighter, lower power and more dynamic than currently available packaged LED products. Moreover, by removing manufacturing limitations, Rohinni's process is ideally suited for end products ranging from consumer electronics to automotive lighting to outdoor signage – the applications are virtually limitless. Rohinni has broad patent coverage for its micro LED-based products, robotic placement equipment and manufacturing processes. Investors include Tony Fadell, the inventor of the iPod, co-inventor of the iPhone, founder and former CEO of Nest, and principal at Future Shape. For more information, visit www.rohinni.com.

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