



Kulicke & Soffa Further Extends LED Capabilities

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Announces Partnership with Rohinni

SINGAPORE--(BUSINESS WIRE)--May 22, 2018-- Kulicke and Soffa Industries, Inc. (NASDAQ: KLIC) ("Kulicke & Soffa", "K&S" or the "Company") today announced it has entered into a licensing agreement with Idaho, US based Rohinni LLC (Rohinni), to facilitate the design, commercialization and distribution of next-generation micro and mini LED solutions.

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 production challenges must be addressed prior to widespread market adoption of these emerging lighting solutions.

Rohinni has developed promising solutions that directly address production challenges and have enabled greater design flexibility in end-use applications. In parallel, Rohinni has also established a network of partnerships in several key segments poised to benefit from this technology.

Kulicke & Soffa's existing market positions, R&D competencies, supply chain and manufacturing capabilities provide scale to further extend Rohinni's leadership and its effort in driving adoption of new LED technologies.

"K&S has recently taken a much more proactive approach in targeting and identifying complementary partnerships with a clear path to value creation," stated Chan Pin Chong, Senior Vice President of Wedge Bond and EA/APMR Business Unit. "We are very excited to work together with Rohinni's talented team to commercialize this high-potential and innovative technology."

"Our team has spent the past several years developing precise, high-speed placement technologies for micro and mini LED products," stated Matt Gerber, Rohinni's CEO. "This agreement with K&S provides capabilities to quickly scale development and global production for our customers. This is really an exciting moment for designers to be able to produce lighting products that haven't been possible with existing production technologies."

LCD displays incorporating these latest developments in LED backlighting technologies deliver an unparalleled High-Dynamic-Range (HDR) viewing experience and are significantly brighter than OLEDs. To produce an HDR LCD display with over 10,000 LEDs in a backlight assembly requires a completely new generation of high speed production technologies. With an estimated 220 million square meters of flat-panel displays estimated to be produced in 2018, the growth potential of new backlighting technologies is significant. The unique and highly-complementary contributions of both organizations are anticipated to accelerate the global adoption of leading micro and mini LED-based solutions.

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 has developed a proprietary method for transferring semiconductor devices. This new process provides unrivaled speed and accuracy producing 4.5 sigma yields, enabling production of high volume products that contain many thousands of LED's. Rohinni's technologies let product designers create lighting products that are brighter, thinner, lighter, lower power and more dynamic than the current generation of packaged LED based products. The company's current focus areas include keyboard backlighting, display backlighting, consumer electronics logos and accent lighting, and automotive interior and exterior lighting (www.rohinni.com).

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Kulicke & Soffa Industries, Inc.

Joseph Elgindy
Investor Relations & Strategic Initiatives
P: +1-215-784-7518
F: +1-215-784-6180
jelgindy@kns.com

or

Rohinni LLC

Matt Gerber
Chief Executive Officer
P: +1-509-869-7951

