Kulicke & Soffa Pte Ltd
23A Serangoon North Avenue 5 #01-01
K&S Corporate Headquarters
Singapore 554369

+65-6880-9600 **main**
+65-6880-9580 **fax**
www.kns.com
Co. Regn. No. 199902120H

Kulicke & Soffa Launches Asterion™ EV – Enhanced Capability Hybrid Wedge Bonder

SINGAPORE – September 6, 2016 -- Kulicke & Soffa Industries, Inc. (NASDAQ: KLIC) ("Kulicke & Soffa", "K&S" or the "Company"), announced today the launch of its new *extended version* of the **Asterion™** wedge bonder, **Asterion™ EV**. The **Asterion™ EV** is built on a new architecture with enhanced capability to address the industry's growing and changing applications needs. Its single platform can handle a multitude of interconnect materials such as large aluminum wire, *PowerRibbon*™ and interconnects for battery cells.

Highlighted Features:

- Heightened **productivity** with a large bondable area (300mm x 860mm); improved MTBA with enhanced PR plus Geometric Model mode; and faster cycle time with direct drive motion system and advanced PR modes.
- **Extended area** that allows new applications such as adapting large battery packs or modules. Another advantage of the extended area is that it supports dual or even triple lane conveyancing material handling through the bonder which allow a single pass bonding.
- Configuration **flexibility** which support multi-device and multi-lane automated handler
- Improved **performance** due to a very stable platform for greater bond placement repeatability and consistent process results.
- **Advanced capabilities** with innovative software and hardware features such as ultrasonic normalization, host communications, bond process monitor, common data transfer and traceability functions; a Loop Former option that enables advanced square loop profiles; and advanced interconnect capability with an improved configurable bond head
- **Ease of use** with a new Bond Head Set-up Aid; an Intuitive Graphical User Interface (Windows 7 OS); a Graphical Editor for convenient program editing; Context Sensitive Help; and Easy Program Conversion from 3600/3700Plus to **Asterion™ EV**

"The **Asterion™ EV** solution is well accepted in new application fields such as interconnects for battery cells manufacturing. With the combination of the configurable bond head and enhanced algorithms on placement repeatability, the **Asterion™ EV** has demonstrated stable process capability and performance. This is an exciting new launch for us and we anticipate a wide market adoption with the growth of battery cell interconnect technologies", said Chan Pin Chong, Kulicke & Soffa's Vice President of Wedge Bonder, Capillaries and Blades Business Line.

The **Asterion™ EV** will debut at the SEMICON Taiwan show at Taipei Nangang Exhibition Centre, 4F, Booth Number 430, from September 7-9, 2016.

About Kulicke & Soffa

Kulicke & Soffa (NASDAQ: KLIC) is a global leader in the design and manufacture of semiconductor, LED and electronic 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 and organic development, adding advanced packaging, advanced SMT, wedge bonding 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 and LED devices. (www.kns.com)

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Contacts:

Kulicke & Soffa Industries, Inc.
Marilyn Sim
Public Relations
P: +65-6880-9309
F: +65-6880-9580
msim@kns.com

Kulicke & Soffa Industries, Inc.
Joseph Elgindy
Investor Relations & Strategic Initiatives
P: +1-215-784-7500
P: +31-40-272-3016
F: +1-215-784-6180
investor@kns.com