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PRESS RELEASE

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BPC Electronics Invests in Wire Bonder to Better Serve e-Mobility and Energy Storage Sectors

Battery Tech Expo 2023, Silverstone, United Kingdom – Inseto, a leading technical distributor of equipment and materials, has supplied and installed a Kulicke & Soffa (K&S) Asterion EV wedge bonder at Leicester-based BPC Electronics to support its expansion into sectors in which battery packs are used.

BPC, a contract electronics manufacturer, is renowned for its electronic design and PCB assembly services and has the usual manufacturing equipment one would expect of a CEM; including pick and place machines, solder reflow lines and a vapour phase oven.

The company's investment in the Asterion EV gives BPC additional assembly capabilities and, in particular, the ability to manufacture battery packs for electric vehicles (EVs), other forms of e-mobility and the static storage of power (on the domestic and small industrial scale) from renewables such as wind and solar.

The EV is part of a family of Asterion wire bonders (the largest of which has a bondable area of 760 x 1440mm), the members of which are all ideal for establishing the numerous electrical connections found in battery packs. The EV has a bondable area of 300 x 860mm, pattern recognition capabilities and is driven by a direct-drive motion system that requires minimum maintenance, provides for extremely tight process control and delivers high repeatability.

Mike Pitt, Sales Director of BPC Electronics, commented: “We’re already serving many sectors that use battery packs. We’re doing so by manufacturing circuit boards and cable harnesses, plus we do box builds. Offering battery pack design and manufacturing services is a logical expansion for us.”

BPC built a dedicated and spacious room for its Asterion EV, as the company envisages having a steady throughput of battery packs of varying shapes and sizes, and has already started building packs with 6, 12 and 24kWh capacities for a number of static energy storage applications. The company also plans to lease out time on its new wire bonder.

“We have ambitious expansion plans,” concluded Pitt. “These include purchasing additional wire bonders in the future, as all the indicators are that our domestic markets are keen to have battery packs and associated products, such as battery management systems, that are designed, built and can be supported by companies here in the UK. Despite government incentives, investing in e-mobility and energy storage still requires a leap of faith. We give customers peace of mind because we’re a UK-based OEM that can develop, manufacture and supply most of what’s needed.”

MAIN ENDS



Inseto has supplied and installed a Kulicke & Soffa (K&S) Asterion EV wedge bonder at Leicester-based BPC Electronics to support the CEM’s expansion into sectors in which battery packs are used.

NOTES TO EDITORS

This press release was issued on behalf of Inseto (UK) Limited by technical content creation and communications agency Declaration Limited (www.declaration.co.uk, +44 (0)1522 789000).

If you have any editorial enquiries in relation to this announcement, please contact Mandy Warrilow, Communications Officer, mandy@declaration.co.uk. Please contact Richard Warrilow, Technical Author and Content Creator, richard@declaration.co.uk, if you require an article or any other form of editorial in relation to this press release.

Please contact Matt Brown on +44 (0)1264 334505 or via email (matt.brown@inseto.co.uk) in relation to all advertising and sponsorship matters.

About Inseto (UK) Limited

Established in 1987 and ISO 9001:2015 Certified since 2005, Inseto is a leading technical distributor of equipment and related materials to the semiconductor, microelectronic and advanced technology sectors, as well as adhesives for electronics, automotive and industrial manufacturing.

The company has four divisions, namely:

- **Adhesives** – supplying a comprehensive range of technical adhesives for automotive, electronic and general manufacturing industries.
- **Equipment** - providing fabrication, assembly and test equipment for research and production of semiconductor devices and related technologies.
- **Materials** - supplying assembly materials and machine consumable products used in microelectronic, photonic and high-frequency devices.
- **Wafers** – with a wide range of wafers and substrates supplied worldwide, including silicon, compound semiconductor and glass materials.

Inseto is based in Andover in a high-tech building that houses an adhesives application laboratory, demonstration areas for equipment and instrumentation, and training rooms.

Customer support is at the heart of Inseto's *Total Customer Service* philosophy, where the company aims to understand, communicate and fulfil the needs of its customers. The company is committed to meeting customer requirements through the application of high standards of quality and customer care (both before and after sales) by continually investing in training and adopting a policy of continuous improvement.

For further information please visit www.inseto.co.uk

About BPC Electronics

Established in 1993 and with more than 25 years of experience, BPC Electronics is one of the UK's leading companies for printed circuit board, LED assembly and electronic contract manufacturing.

Based in Leicester, the company offers a variety of printed circuit board (PCB) manufacturing and design services, ranging from production and testing to contract electronics manufacture (CEM).

BPC supplies a vast range of PCBs covering simple single-sided boards through to flexi-rigid multilayer boards and has extensive experience of handling many different types of materials from ceramic to PTFE and everything in between.

For further information please visit www.bpcelectronics.com