



Press Release

## **Imbera and Daeduck in joint venture for high-volume embedded (IMB) products manufacture**

*Imbera offers end-to-end, industrial-scale production of advanced packaging solution with established Korean manufacturing partner*

**Espoo, Finland, 7<sup>th</sup> October 2008** – Imbera Electronics Ltd, today announced its partnership with Korean prominent PCB manufacturer Daeduck. Daeduck is to provide a high-volume manufacturing base for Imbera's revolutionary Integrated Module Board (IMB) packaging. Imbera's technology offers OEMs the potential to significantly miniaturize their PCBs. Through this joint venture Imbera is now able to offer its customers a simple, cost-effective and complete end-to-end packaging solution, while meeting demands for volume production.

Imbera's partnership with Daeduck supports a full range of turnkey manufacturing services. It will also offer design services to help customers optimize system design.

Daeduck is one of the world's top PCB manufacturers, and was selected by Imbera due to its long-established reputation in the PCB world. The company has operated for 36 years and has partnered with some of the largest companies in the market. Daeduck is particularly well-known for its ability to maintain a consistently high quality output when manufacturing in volumes, as well as an aggressive technology roadmap. Following this announcement Imbera and Daeduck will begin their initial work together on several customer projects.

"We're very proud to be partnering with a company such as Daeduck," said Jeff Baloun, CEO of Imbera. "Daeduck is a well-known company with a prestigious

reputation. The key criteria that Imbera considered when deciding with whom to forge its long-term partnership were quality, technology and capacity. During its many years of operation Daeduck has demonstrated an ability to produce high numbers of consistently top-quality boards. This partnership means that Imbera is now in a position to offer a full service-offering to its customers; walking them right through the process from design of the PCB to manufacture."

Mr. T.S. Seo at Daeduck comments: "So many companies these days are looking for ways to make products smaller. It's a fact of life that the component real-estate, particularly in mobile devices, is becoming more-and-more valuable. In putting multiple components within the layers of the PCB, OEMs can choose to use a smaller PCB, or to fit more components with the same space. Greater component density means that OEMs have better opportunities to differentiate their products in a cost-effective manner. This really is the next stage of PCB evolution, and we're delighted that Imbera has put their confidence in our abilities to realise it."

Due to its novel and advanced manufacturing process, IMB technology can be used to embed components inside a module substrate and manufacture a typical multi-chip-module / System-In-Package (SIP) product. Alternatively IMB technology can be used to embed the components inside a motherboard to manufacture a System-In-Board (SIB) product. The technology can be utilized in various applications from simple products with only a few components to demanding products, such as mobile phones and other portable products requiring high packaging density as well as good electrical and thermal performance.

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#### **About Imbera**

Imbera Electronics is the developer the novel patented IMB - Integrated Module Board – technology, which enables the integration of both active and passive components inside an organic printed circuit board structure. The key advantages of the IMB technology are further product miniaturization and improved electrical performance as

well as competitive total manufacturing cost level. Also, the IMB technology can be combined with existing PCB production processes without extensive development work, which enables fast technology ramp-up and high production quality.

For more information go to <http://www.imbera.biz>

### **About Daeduck**

As a leader in printed circuit board(PCB) solutions, the PCBs Daeduck manufacture are the core of all digital and network equipment, where the information revolution lies.

Since its establishment in 1972, DAEDUCK ELECTRONICS CO., LTD. has been a cornerstone in the dynamic Korean electronics industry by focusing efforts solely on becoming the predominant supplier of PCBs, for the past 30+ years. Daeduck will continue to be a key contributor to this exciting future ahead.

To be one of the world's top 5 PCB suppliers, we assure we will dedicate ourselves to meet the needs of the industry with supreme technology and quality, while providing customer service that is second to none.

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