MEDIA RELEASE

A*STAR INSTITUTE OF MICROELECTRONICS AND HUAWEI ANNOUNCE JOINT EFFORT TO DEVELOP 2.5D/3D THROUGH-SILICON INTERPOSER TECHNOLOGY

1. Singapore Aug 17, 2012 - A*STAR Institute of Microelectronics (IME) and Futurewei Technologies, Inc., a subsidiary of Huawei Technologies Co., Ltd. (Huawei), have signed a Memorandum Of Understanding (MOU) to develop and advance Through Silicon Interposer (TSI) technology. The two organizations will collaborate on advanced packaging with TSI, 2.5D/3D IC research and development, and demonstrate heterogeneous 2.5D design and manufacturing flow.

2. Under this agreement, Huawei will join the TSI Consortium led by IME to optimise TSI technology for cost effective and performance-driven applications. IME's capabilities in 300mm 3D-TSV/2.5D-TSI technologies and advanced packaging and integration will play a key role in enabling Huawei to develop the next-generation portfolio of networking and computing infrastructure solutions.

3. "Collaboration with Huawei, an industry leader in networking systems, underscores an important milestone for our 2.5D/3D IC R&D roadmap," said Prof. Dim-Lee Kwong, Executive Director of IME. "Having strategic partners in the upcoming TSI Consortium will accelerate the realization of high performance 2.5D/3D ICs."

4. "IME's commitment to drive the realisation of 3D IC and their deep R&D capabilities make them a strong partner to help Huawei advance in this area," said John Roese, Senior Vice President and General Manager, Huawei North America R&D. "We are very excited about the long-term potential of both the technology and the collaboration."

About Institute of Microelectronics (IME)

The Institute of Microelectronics (IME) is a research institute of the Science and Engineering Research Council of the Agency for Science, Technology and Research (A*STAR). Positioned to bridge the R&D between academia and industry, IME's mission is to add value to Singapore's semiconductor industry by developing strategic competencies, innovative technologies and intellectual property; enabling enterprises to be technologically competitive; and cultivating a technology talent pool to inject new knowledge to the industry. Its key research areas are in integrated circuits design, advanced packaging, bioelectronics and medical devices, MEMS, nanoelectronics, and photonics. For more information about IME, please visit http://www.ime.a-star.edu.sg.

About Agency for Science, Technology and Research (A*STAR)

The Agency for Science, Technology and Research (A*STAR) is the lead agency for fostering world-class scientific research and talent for a vibrant knowledge-based and innovation-driven Singapore. A*STAR oversees 14 biomedical sciences, and physical sciences and engineering research institutes, and seven consortia & centre, which are located in Biopolis and Fusionopolis, as well as their immediate vicinity. A*STAR supports Singapore's key economic clusters by providing intellectual, human and industrial capital to its partners in industry. It also supports extramural research in the universities, hospitals, research centres, and with other local and international partners.For more information about A*STAR, please visit http://www.a-star.edu.sg.

About Huawei

Huawei is a leading global information and communications technology (ICT) solutions provider. Through our dedication to customer-centric innovation and strong partnerships, we have established end-to-end advantages in telecom networks, devices and cloud computing. We are committed to creating maximum value for telecom operators, enterprises and consumers by providing competitive solutions and services. Our products and solutions have been deployed in over 140 countries, serving more than one third of the world's population. For more information, visit Huawei online: www.huawei.com. Follow us on Twitter: www.twitter.com/huaweipress and YouTube: http://www.youtube.com/user/HuaweiPress.

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