Avnet ASIC selected to become a Value Chain Aggregator ("VCA") by TSMC, Strengthening the Offering for ASIC Customers

Brussels, Belgium / Israel, 20th February 2024: Avnet ASIC Israel Ltd, (AAI) a leading provider of ASIC and SoC full turnkey solutions and a business division of Avnet Silica, an Avnet company (NASDAQ: AVT), has been appointed as a Value Chain Aggregator (VCA) by TSMC, the world's leading silicon foundry. The appointment positions Avnet ASIC Israel Ltd as a channel for TSMC ASIC customers, offering a full turnkey solution from design inception to layout and mass production, implemented in TSMC's most advanced silicon processes.

The collaboration signifies a landmark agreement within Avnet, enhancing the offerings by combining the strong technology of TSMC with the ASIC design and manufacturing capabilities of Avnet ASIC. This best-of-class initiative enables access to TSMC's most advanced silicon processes for customers, establishing Avnet ASIC as a channel partner of TSMC for comprehensive ASIC SoC solutions.

"We are pleased to welcome Avnet ASIC Israel Ltd. as a VCA to TSMC's offering. Their outstanding track record with TSMC's technologies and expertise in design, production, and diverse applications such as automotive and AI, is valuable to us, and is an instrument to bring exceptional value to our customers and help expand our market ", said Paul de Bot, General Manager of TSMC EMEA.

TSMC's VCA program is designed to extend TSMC's reach, serving a diverse range of customers. As a VCA partner, Avnet ASIC integrates design enablement within TSMC's Open Innovation Platform® (OIP), offering services at each link in the IC value chain, including IP development, design, backend, wafer manufacturing, assembly, and testing.

"Our longstanding 20 years partnership and collaboration with TSMC is a testament to our unwavering commitment to innovation and excellence. This further solidifies our position in the industry enabling us to bring competitive advantage to our mutual customers by securing faster time to market and safe path to mass production", said Yulia Milshtein, GM, Head of Business at Avnet ASIC Israel.

Pavel Vilk, GM, Head of Engineering, added, "With a rich track of record of numerous first time successful design projects in all process nodes down to the cutting-edge 4nm, showcasing a profound understanding of TSMC's offerings, we are further amplifying our services in domains like AI, Automotive, HPC, Data Centers and more and we are ready to support our mutual customers addressing these state of the art applications".

For more information about Avnet ASIC and its services, visit https://www.avnet-asic.com/

Photo: (Left to right)
Eugene Lyubinsky – CTO, Avnet ASIC Israel
Yulia Milshtein – GM, Head of Business, Avnet ASIC Israel
Nadav Ben-Ezer – Managing Director, Avnet ASIC Israel
Pavel Vilk – GM, Head of Engineering, Avnet ASIC Israel

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About Avnet ASIC

Avnet ASIC Israel Ltd (AAI) is an ASIC design and turnkey manufacturing center, which provides complete ASIC and COT services for design houses and electronic system companies that develop advanced SoC devices. We partner with TSMC, OSATs, leading IP and CAD vendors to provide our customers with a full range of spec to mass production services. AAI has supported existing and new customers for more than 35 years and its services have been employed successfully with start-ups, OEMs, and international companies in hundreds of devices and a wide range of applications in various market segments.

About Avnet Silica

Avnet Silica is the European semiconductor specialist division of Avnet, one of the leading global technology distributors, and acts as the smart connection between customers and suppliers. The distributor simplifies complexity by providing creative solutions, technology and logistics support. Avnet Silica is a partner of leading semiconductor manufacturers and innovative solution providers over many years. With a team of more than 200 application engineers and technical specialists, Avnet Silica supports projects all the way from the idea to the concept to production. Avnet Silica is a regional business unit of Avnet, (NASDAQ: AVT) with European headquarters in Belgium (Avnet Europe BV). For more information, visit www.avnet-silica.com

About Avnet

Avnet is a global technology solutions provider with an extensive ecosystem delivering design, product, marketing and supply chain expertise for customers at every stage of the product life cycle. We transform ideas into intelligent solutions, reducing the time, cost and complexities of bringing products to market. For nearly a century, Avnet has helped its customers and suppliers around the world realise the transformative possibilities of technology. Learn more about Avnet at www.avnet.com.

About TSMC

TSMC pioneered the pure-play foundry business model when it was founded in 1987, and has been the world's leading dedicated semiconductor foundry ever since. The Company supports a thriving ecosystem of global customers and partners with the industry's leading process technologies and portfolio of design enablement solutions to unleash innovation for the global semiconductor industry. With global operations spanning Asia, Europe, and North America, TSMC serves as a committed corporate citizen around the world.

TSMC deployed 288 distinct process technologies and manufactured 12,698 products for 532 customers in 2022 by providing broadest range of advanced, specialty and advanced packaging technology services. The Company is headquartered in Hsinchu, Taiwan. For more information, please visit https://www.tsmc.com.

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