

EMASS ECS-DoT Wins ‘Best in Show’ at embedded world 2026
*AI-enabled SoC recognized by Embedded Computing Design
for edge AI design and performance*

LOS ANGELES (March. 9, 2026) – EMASS, a Nanoveu subsidiary advancing next-generation semiconductor technology, today announced it was named a ‘Best in Show’ winner at embedded world by Embedded Computing Design for its ECS-DoT system-on-chip (SoC) in the ‘AI & Machine Learning’ category. The award recognizes standout innovation in embedded technologies impacting industries like industrial IoT, smart infrastructure, wearables, intelligent sensing applications and more.

The Embedded Computing Design editorial team selected EMASS based on its assessment framework of design excellence, relative performance, and market impact. “These are the best-in-class embedded systems and products on the market right now,” said Ken Briodagh, Editor-in-Chief of Embedded Computing Design. “Our Best in Show awards submissions have grown every year and this is quite an accomplishment to be selected.”

ECS-DoT is an AI-driven SoC engineered for power-efficient, real-time edge intelligence in battery-constrained devices. Designed for rapid-wake sensor workloads, it combines a RISC-V MCU, deep-learning accelerators, multi-sensor interfaces, and on-chip memory within an event-driven architecture. This approach delivers near-instant inference and sub-milliwatt energy use. By processing audio, motion, and environmental signals locally, ECS-DoT enables always-on wake-word detection and activity recognition without depending on cloud processing.

“Embedded systems are entering a new phase where sensing, inference, and decision-making increasingly happen directly on the device,” said Mark Goranson, CEO of EMASS. “Recognition like this reinforces the growing importance of ultra-efficient architectures that make always-on intelligence practical at the edge.”

This award reflects EMASS’ continued focus on advancing ultra-low-power AI and intelligent sensing architectures designed to enable always-on, energy-efficient computing at the edge.

For more details about ESC-DoT, visit: <https://nanoveu.com/emass/products/>

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About EMASS

EMASS – a subsidiary of Nanoveu Ltd (ASX: NVU) – is an advanced semiconductor company specializing in ultra-low-power AI system-on-chip (SoC) solutions for edge computing. The company’s flagship ECS-DoT chip delivers high-performance AI processing for vision, audio, and sensor data directly on-device, maximizing energy efficiency through its RISC-V architecture and non-volatile memory technologies. This always-on intelligence solution is optimized for power- and space-constrained applications, including drones, wearables, healthcare devices, and industrial IoT systems. For more information, visit nanoveu.com/emass.

About Nanoveu

Nanoveu is a listed company advancing human–machine experiences at the edge through a portfolio that spans ultra-low-power AI and glasses-free 3D technologies. Its subsidiary EMASS designs advanced system-on-chip (SoC) solutions that deliver efficient, scalable on-device AI for smart devices, IoT applications, and 3D content transformation – enhancing Nanoveu’s reach across rapidly growing AI, edge computing, and 3D content markets. EyeFly3D™ is Nanoveu’s end-to-end platform for glasses-free 3D, uniting proprietary screen technology with sophisticated content processing software and, now, EMASS’s ultra-low-power SoC to bring immersive 3D to a wide range of devices and industries. The Company also develops and markets an advanced range of self-disinfecting and hydrophobic films and coatings under the Nanoshield™ brand, designed for applications including large-scale CSP and photovoltaic solar installations. Together, Nanoveu’s businesses deliver practical innovation that makes devices smarter, environments safer, and experiences more immersive.

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