

ASX RELEASE

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ASX: NVU

## **ECS-DoT-22 Pipeline Update: Eight Customers at Design-In Stage Across 33 Active Opportunities**

*11 customers working hands-on with ECS-DoT-22 silicon across consumer, computing and industrial applications in three regions*

### **Highlights**

- **Eight customers at Design-In stage**, whose engineering teams are working with ECS-DoT-22 on specific product designs, from smart wearables and smart locks to industrial monitoring and asset tracking.
- **11 customers working hands-on with EMASS silicon**: eight at Design-In and three testing the chip on evaluation kits, out of 33 active customer opportunities at 30 September 2026.
- **Substantial counterparties**: the Design-In and Evaluation groups include multinational technology companies with multi-billion-dollar annual revenues, together with health-wearable brands, an industrial manufacturer and fleet telematics companies.
- **Demand across five application areas and three regions**: wearables and health, smart home and security, computing and consumer devices, industrial, fleet and asset tracking, and hearables and audio; 20 opportunities in North America, 12 in Asia-Pacific and one in Europe.
- **ECS-DoT-22 moving toward full-scale production**: technical verification underway ahead of mass production; a new batch of evaluation boards manufactured for customer engagements.
- **The next milestone is the first design win**, the point at which ECS-DoT-22 is on a customer's production bill of materials. No opportunity is yet a binding supply agreement or purchase order.

**Nanoveu Limited (ASX: NVU, OTCQB: NNVUF) ("Nanoveu" or the "Company")**, a technology company specialising in advanced semiconductor, visualisation and materials sciences, provides a detailed update on its business development customer opportunity pipeline for ECS-DoT-22, the 22-nanometer ultra-low-power edge-AI system-on-chip ("SoC") developed by its wholly owned subsidiary, Embedded A.I. Systems Pte Ltd ("EMASS").

The past year has delivered a run of ECS-DoT milestones, most recently, the Bosch Sensortec asset-tracking reference design (23 July 2026), a granted US patent covering ECS-DoT object-detection circuitry (1 September 2026) and a Best in Show award in the AI & Machine Learning category from Embedded Computing Design at CES and Embedded World 2026. Alongside these milestones, EMASS has been diligently building its customer pipeline, on which this announcement provides an update.

## What ECS-DoT-22 Does

Many of today's smart devices, such as rings, earbuds, smart locks and asset trackers, run on small batteries yet are expected to sense and always respond. Running artificial intelligence ("AI") on a device's main processor drains the battery quickly. ECS-DoT-22 sits alongside the main processor and handles the always-on AI work: recognising a voice command, a gesture, a movement pattern or an abnormal vibration at very low power. It wakes the main processor only when something meaningful happens, so device makers can add AI features without compromising battery life.

## How Customers Adopt a New Chip

Semiconductor revenue follows a set sequence. A customer first assesses whether a chip suits its application, they will then test it on an evaluation kit (evaluation stage), then following favourable testing, they design it into a specific product ('design-in'). Volume revenue begins when that product enters production with the chip on its bill of materials, known as a 'design win'. Each step requires engineering investment from the customer, and the full cycle commonly takes a year or more. The number of customers progressing through these stages is the leading indicator of future chip adoption and sales.

## The Pipeline at 30 September 2026

EMASS tracks each customer opportunity against the following stages:

| Stage               | What it means                                                                  | Customer Opportunities |
|---------------------|--------------------------------------------------------------------------------|------------------------|
| Engage              | Application discovery with the customer's engineering team                     | 18                     |
| Qualify             | Use case and technical fit confirmed                                           | 4                      |
| Evaluate            | Customer testing ECS-DoT-22 on an EMASS evaluation kit                         | 3                      |
| Design-In           | Customer engineering team working with ECS-DoT-22 on a specific product design | 8                      |
| Design Win          | ECS-DoT-22 on the customer's production bill of materials                      | –                      |
| <b>Total active</b> |                                                                                | <b>33</b>              |

The Evaluate and Design-in group includes multinational technology companies with annual revenues in the billions of US dollars, alongside health-wearable brands, an industrial manufacturer and fleet telematics companies.

**Nanoveu's CEO of Semiconductor Technologies, Mark Goranson, said:** *"Our silicon milestones have been well documented. This update shows the commercial work behind them. Chips earn revenue one design win at a time, and eight customers have engineering teams working with ECS-DoT-22 on specific product designs right now and three are at the evaluation stage. Converting these into design wins is a priority."*

## Where Interest Is Coming From

All 33 opportunities involve battery-powered products that need always-on intelligence. By application:

- **Wearables and health (8):** health and fitness wearables, wristbands and a medical wearable patch.
- **Smart home and security (7):** smart locks, smart cameras, a video doorbell and an AI-enabled remote control.

- **Computing and consumer devices (7):** personal computing, AR glasses, gaming controllers and consumer electronics.
- **Industrial, fleet and asset tracking (6):** fleet management, asset tracking, industrial air quality, industrial radio and vibration monitoring.
- **Hearables and audio (5):** earbuds, hearing aids, communication headsets and audio AI.

By region, 20 opportunities are in North America, 12 in Asia-Pacific and one in Europe. The pipeline is generated by EMASS' direct sales team, supported by manufacturer sales representatives in North America, Europe and China; and distribution partners in Europe and Asia.

**EMASS' Vice President of Sales and Marketing, Scott Smyser, said:** *"Every opportunity in this pipeline shares the same need: a battery-powered product that has to stay aware without draining its battery. That is the problem ECS-DoT-22 was built to solve, and it is why we are seeing interest from wearables and hearables to smart locks and fleet trackers. Our next step is working closely with our most advanced customers to carry ECS-DoT-22 through to production."*

### Next Steps

EMASS' priority over the coming quarters is converting 'Design-In' opportunities into 'design wins'. It is working with each Design-In customer to align ECS-DoT-22 supply with that customer's product development and launch schedule. Timing rests on the customer's own product decisions.

Customers are supported with evaluation kits, reference designs and direct application engineering. A new batch of evaluation boards has been manufactured for customer engagements and further reference designs are in development with ecosystem partners, building on the asset-tracking design announced with Bosch Sensortec. In parallel, ECS-DoT-22 is being prepared for mass production, the step that enables volume supply.

### Basis of Reporting

The pipeline is a management measure of commercial activity. None of the opportunities reported is a binding supply agreement, purchase order or revenue commitment, and each may advance, stall or fall away at any stage.

This announcement has been authorised for release by the Board of Directors.

**-ENDS-**

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## About Nanoveu Limited

Further details on the Company can be found at <https://nanoveu.com/>.

**EMASS** is a fabless semiconductor company specialising in ultra-low-power, AI-enabled system-on-chip (SoC) solutions for always-on sensing and intelligent processing at the edge. Its ECS-DoT architecture enables real-time AI inference at milliwatt-level power, supporting next-generation applications across drones, wearables, hearables, smart devices, industrial IoT, robotics and autonomous systems.

**Spinoff** is a Singapore-based aerial robotics company that designs and builds proprietary drone platforms. Its two current platforms are ALICE, a tethered aerial system engineered for high-payload, extended-duration operations with resistance to GPS and radio-frequency jamming and spoofing, and METRON, a camera-based 3D measurement system delivering millimetre-level precision with AI-driven deviation detection. Both platforms have been validated in commercial deployments with Tier-1 Singaporean customers. Spinoff Robotics provides Drone and sensing capabilities complementing the Company's ECS-DoT edge-AI silicon across defence, critical-infrastructure security and industrial inspection markets.

**EyeFly3D™** is a comprehensive platform solution for delivering glasses-free 3D experiences across a range of devices and industries. At its core, EyeFly3D™ combines advanced screen technology, sophisticated software for content processing, and the potential for integration with ultra-low-power SoC hardware.

**Nanoshield™** includes protective and functional coating technologies designed for use across a range of applications, including solar and other industrial surfaces.

**Forward Looking Statements** This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'ambition', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'mission', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. The pipeline is a management measure of commercial activity and is not a forecast of revenue. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance, or achievements to be materially different from those expressed or implied by such forward looking information. Readers should not place undue reliance on forward-looking statements. The Company does not undertake to update or revise any forward-looking statement.