

Dutch Micro-module Manufacturing Plant



AI Overview

The Netherlands hosts a robust semiconductor ecosystem with specialized micro-module manufacturing capabilities, centered in high-tech clusters like Eindhoven, Twente, and Nijmegen. Overview of the Dutch Semiconductor Ecosystem The Netherlands is a leading hub for microelectronics and semiconductor manufacturing in Europe, attracting global investment and talent. The country's semiconductor sector includes design, fabrication, assembly, testing, and supply of micro-modules and integrated circuits, supporting industries such as automotive electronics, AI, IoT, and photonics. The sector employs over 50,000 people across 300 companies, generating significant global revenue and technological innovation. Key Clusters and Facilities High Tech Campus Eindhoven: A central hub for semiconductor R&D and micro-module development, hosting companies like NXP Semiconductors and Axelera AI, which focus on AI-accelerating chips and edge computing solutions. ChipTech Twente: A strong semiconductor cluster emphasizing heterogeneous integration and micro-module assembly, aligned with the European Chips Act to boost local chip production. Noviotech Campus Nijmegen: Supports advanced semiconductor equipment and micro-module manufacturing, fostering collaboration between companies and research institutions. Leading Companies in Micro-module Manufacturing ASML: Global leader in photolithography equipment, essential for producing advanced micro-modules and integrated circuits. NXP Semiconductors: Specializes in automotive, industrial, and IoT micro-modules, with a major R&D hub in Eindhoven. Besi (BE Semiconductor Industries): Focuses on semiconductor packaging and assembly, including die bonding for micro-modules. Axelera AI: Develops AI processing units and software platforms for edge computing, contributing to micro-module integration in AI hardware. Industry Support and Collaboration Organizations like High Tech NL Semiconductors facilitate collaboration between companies, know...

Article Content

What will the nuclear power plant of the future be like?

Nuclear energy is making a comeback in the Netherlands with the addition of four new conventional nuclear power plants and the development of Small Modular Reactors (SMRs) by

Discover our facilities

We have 14 main manufacturing sites in 9 countries in Europe and Asia. Seven are wafer fabrication facilities (front-end) and seven are assembly and test facilities

Netherlands: A Global Hub for Semiconductor

It's no wonder that about 85% of the world's integrated circuits are made using machines designed and built right here in the Netherlands, showing

How ASML became Europe's most valuable tech firm

Nevertheless, we were given a tour of its plant, and were guided through the basics. Business Daily: Inside Europe's most valuable tech firm

List of semiconductor fabrication plants

List of semiconductor fabrication plants Semiconductor fabrication plants are factories where integrated circuits (ICs), also known as microchips, are manufactured.

Meet the Netherlands Pioneering the Semicon Frontier

egion pushed the boundaries of microchip technology. They paved the way for today's Dutch semiconductor ecosystem – renowned for its ingenuity, engineering prowess and vital role

NXP in the Netherlands

Ours is one of the largest chip manufacturing plants plant in Europe with over 565k wafers produced to date. The product diagnostic center and global NPI test center based in Nijmegen help our NPIs

Semiconductor Companies in Netherlands Crafting Chip

The technology behind chip manufacturing that fuels smartphones to computers is undergoing a new form of battle for control over chip

Semiconductors from the Netherlands: building blocks of the future

Semiconductors, the building blocks of chips, are everywhere. In your microphone, your smartphone, your computer, and even your washing machine. They make devices smarter, more

The most powerful company in tech is a niche Dutch

The Dutch firm's expertise is in photolithography, which uses light to imprint a pattern of circuits onto a silicon wafer. It specializes in extreme

Top 3 Semiconductor Companies in the Netherlands

Headquarters: Veldhoven, Netherlands Elevating Semiconductor Manufacturing with Dutch Precision – BE Semiconductor In the heart of the

Top 8 Prominent Dutch Electronics Companies in 2025

Discover 8 top Dutch electronics companies shaping semiconductor, medical, and smart tech innovations, and how Highleap supports them with quality PCBs.

Sales up 30% for Dutch microchip giant ASML

The Dutch semiconductor industry equipment company ASML reported a 39.3% surge in its net profit for 2023, reaching €7.8 billion. This

15 Top Semiconductors Companies in Netherlands · July 2026

Detailed info and reviews on 15 top Semiconductors companies and startups in Netherlands in 2026. Get the latest updates on their products, jobs, funding, investors, founders and

This Netherlands Company Controls the Entire World's

This Netherlands Company Controls the Entire World's Chip Manufacturing Process ASML Holding's EUV Machine takes the size of a

Microchip factory in Netherlands caught in tussle

Microchip factory in Netherlands caught in tussle between Europe, China and US Dutch authorities have, for the first time ever, invoked Cold War

Semiconductor Industry in The Netherlands

For decades, companies in the region have been pushing the boundaries of microchip manufacturing technology, laying the groundwork for today's booming

Top 100 Semiconductor Companies in Netherlands

Key takeaway Trymax Semiconductor specializes in advanced plasma-based systems for wafer manufacturing, ranging from 3" to 12". With 15 years of

The Rise of the Dutch Semiconductor Industry | Global

The Dutch semiconductor ecosystem features a well-coordinated, multi-layered structure, combining globally influential industry giants with rapidly

ChipTech Twente: a strong semicon cluster in The

Above all, we have the ambition to build a strong Dutch semicon cluster, with a focus on integration of heterogeneous systems for chips. Because in Twente we

The most powerful company in tech is a niche Dutch business you've ...

The Dutch firm's expertise is in photolithography, which uses light to imprint a pattern of circuits onto a silicon wafer. It

ASML | The world's supplier to the semiconductor industry

We have the largest ASML manufacturing site in Asia as well as two training centers, play an essential role in the rapidly growing e-beam market, and work

ASML | The world's supplier to the semiconductor industry

ASML is the leading supplier to the semiconductor industry, driving lithography system innovation to make chips smaller, faster and greener.

11 Top Semiconductor Manufacturing Companies in Netherlands ·

Detailed info and reviews on 11 top Semiconductor Manufacturing companies and startups in Netherlands in 2026. Get the latest updates on their products, jobs, funding, investors, founders

Meet the Netherlands Pioneering the Semicon Frontier

Where the world looks for semicon innovation The Netherlands' strength as a silicon powerhouse is no accident. For decades, companies in the region pushed the boundaries of microchip technology.

Inside PV manufacturing: Solarge's module factory in Netherlands

Solarge is a Dutch manufacturer that produces ultra-lightweight, fully recyclable solar modules at an automated plant in Weert, in the southern Netherlands.

Contact Us

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