

European Micro Module Factory



Overview

As a one-stop shop, FMD offers micro- and nanoelectronics from a single source - technology to application. Discover our services in technology transfer, industrial contract research, scientific cooperation, start-up support, clean room infrastructure, and manufacturer services. The European Semiconductor Manufacturing Company (ESMC), a joint venture by TSMC, Bosch, Infineon, and NXP, is building a semiconductor fab in Dresden, Germany, to boost innovation and meet Europe's growing tech industry demands. Join the leaders shaping Europe's semiconductor future at FIRST by. The Fraunhofer IISB is part of the Research Fab Microelectronics Germany (FMD). As a cooperation between the Fraunhofer Group for Microelectronics and the Leibniz Institutes FBH and IHP, the FMD is the central point of contact for all issues concerning research and development in the field of micro. Semiconductor manufacturing companies in Europe are important for the global tech industry, making key parts for electronics, cars, and communication. In the aerospace and aviation industries, our.



Article Content

Sep 15, 2025

15 Biggest Semiconductor Companies and Suppliers in

In this article, we will take a look at the 15 biggest semiconductor companies and suppliers in Europe.

May 15, 2026

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Jun 05, 2026

Sinovoltaics updates map of European solar module

The latest report on the supply chain for European PV module production provides the status of 121 solar manufacturing sites, including closures

Nov 01, 2025

Discover our facilities

With 14 main manufacturing sites in Europe and Asia, STMicroelectronics ensures supply security, quality, and innovation by keeping production close to R& D.

Oct 12, 2025

GlobalFoundries

Advanced Micro Foundry On November 17, 2025, GlobalFoundries announced its acquisition of Advanced Micro Foundry (AMF), a silicon-photonics foundry based

Aug 19, 2025

Overview of microelectronics production in the EU in 2025

Ongoing investments and strategic initiatives are expected to lead to significant growth in microelectronics manufacturing in the EU, strengthening its

Dec 02, 2025

Top 15 Largest European Electronics Companies

Discover the Top 15 largest European electronics companies. Learn more about their history, market share, and industry contribution.

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ESMC | European Semiconductor Manufacturing Company

European Semiconductor Manufacturing Company (ESMC) is a joint venture between TSMC, Bosch, Infineon and NXP to establish an advanced

Nov 11, 2025

EU greenlights new chip factory in Dresden

EU greenlights new chip factory in Dresden 08/20/2024 Brussels has given the nod of approval to German state aid for the building of a new chip

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Top European semiconductor companies by market cap

As of May 2026, ASML from the Netherlands was the largest semiconductor company of European origin in terms of market capitalization, amounting to *****

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Top 10 Semiconductor Manufacturing Companies in

Semiconductor manufacturing companies in Europe are important for the global tech industry, making key parts for electronics, cars, and communication.

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MST Industries | Micro Systems Technologies

We have been manufacturing miniaturised electronic modules for active implants and other medical devices since 1984. All of our business processes reflect this

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Forschungsfabrik Mikroelektronik Deutschland (FMD) -

As a cooperation between the Fraunhofer Group for Microelectronics and the Leibniz Institutes FBH and IHP, the FMD is the central point of contact for all issues

Nov 29, 2025

Small modular reactors explained

Small modular reactors explained SMRs are harnessing the operating experience from traditional large reactors, as well as from small-scale reactors used in

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First European high-performance chips to be made in

The European Semiconductor Manufacturing Company (ESMC), a new microchip manufacturing plant to be built in Dresden, Saxony, will be the first

Sep 28, 2025

Chipmakers lay out factory plans in Europe, US and Asia

Chipmakers across the globe are pouring billions of dollars into new plants, as they take advantage of generous subsidies from the United States and

Feb 17, 2026

EU Solar Manufacturing Map

The EU Solar Manufacturing map gives an overview of solar manufacturing companies active along the solar PV chain. On this map, you'll find manufacturers spanning from polysilicon to module as well as

Jul 04, 2025

Top PCB Manufacturers in Europe Guide

Discover top PCB manufacturers in Europe, specializing in rigid, flex, and rigid-flex PCBs. Explore leaders driving innovation in the industry.

May 27, 2026

FMD Homepage

As a one-stop shop, FMD offers micro- and nanoelectronics from a single source - technology to application. Discover our services in technology transfer, industrial contract research, scientific

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Who We Are | European Semiconductor Manufacturing Company

Who We Are The European Semiconductor Manufacturing Company (ESMC), a joint venture by TSMC, Bosch, Infineon, and NXP, is building a semiconductor fab in Dresden, Germany, to boost innovation

May 13, 2026

Top 20 Printed Circuit Board Manufacturers in Europe

Discover the top PCB manufacturers in Europe, offering high-quality, reliable PCBs for various industries. Learn key factors to consider when choosing

Aug 13, 2025

List of semiconductor fabrication plants

Semiconductor fabrication plants are factories where integrated circuits (ICs), also known as microchips, are manufactured. They are either operated by Integrated Device Manufacturers (IDMs) that design

Aug 07, 2025

Microchip giant TSMC to open first ever European plant

Taiwanese semiconductor giant TSMC gave the go-ahead on Tuesday for the construction of its first European plant in Dresden, eastern Germany, a

Feb 12, 2026

Top European PCB Manufacturers (2025): Industry

Introduction The European printed circuit board (PCB) manufacturing industry plays a crucial role in the continent's electronics sector, supporting a wide range of

Contact Us

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