

Austrian agent for silicon photonics technology SFP



Overview

Silicon Austria Labs (SAL), a recognized expert in integrated photonics and thin-film technologies, has significantly contributed to PIXEurope, the European pilot line for Photonic Integrated Circuits (PICs), through their strong expertise in thin films & integrated photonics. We develop technologies for a greener, smarter and more connected future of Electronics and Software Based Systems (ESBS). Looking for a new project?

Become a partner in one of our open project calls. Customized solutions for our partners. From design and simulation, to. High accuracy alignment of interfaces for coupling the light into the PICs and out of PICs using active and passive optical components for numerous applications. Photonic MEMS integrated silicon photonic MEMS for applications such as miniature sensors, telecommunication. With major sites in Graz, Villach, and Linz, SAL pursues application-oriented research in areas such as microsystems, sensor systems, power electronics. devices, RF filters, CMOS, magnetic and sustainable sensors combined with heterogeneous integration will be the new growth drivers in the EBS sector.



Article Content

Silicon Photonics Companies

In contrast, companies like Ayar Labs and Rockley Photonics have chosen vertical specialization, concentrating on niche applications and delivering tailored photonic solutions for sectors such as AI,

Lithium Niobate Breakthrough Accelerates Photonic

Research hub Silicon Austria Labs has successfully fabricated its first 8-inch thin-film lithium niobate wafer entirely in-house.

Silicon Austria Labs The Austrian Research Center for Electronic ...

SAL's comprehensive capabilities from photonic devices to systems, backed by an advanced research infrastructure and long-term experience, is unique in Austria and amongst few in Europe.

Silicon Austria Labs Joins €400M PIXEurope Initiative to Boost ...

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SILICON AUSTRIA LABS

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Silicon Austria Labs and EV Group strengthen

Silicon Austria Labs GmbH (SAL) was founded in 2018 as part of the European Forum Alpbach as a cross-state, non-university center of excellence in

Top 56 Silicon Photonics Companies in Austria (2026) | ensun

When exploring the Silicon Photonics industry in Austria, several key considerations come into play. The country has a strong emphasis on research and innovation, supported by universities and institutions

Silicon Austria Labs (SAL)

Silicon Austria Labs (SAL) has been founded to be an European top research center for electronic-based systems. In the network of science and economy, we carry out research at a global level and

Silicon Photonic Filters: A Pathway from Basics to Applications

Silicon photonics has found a profound place among emerging technologies in the past few decades due to several advantages. Due to a series of breakthroughs and increased funding

Heterogeneous Integration at SAL

High accuracy alignment of interfaces for coupling the light into the PICs and out of PICs using active and passive optical components for numerous applications.

Assembly of electronic and photonic

Silicon Photonics: The Future of High-Speed Optical

□□ What Is Silicon Photonics? Silicon photonics (SiPh) is an advanced technology that merges silicon-based semiconductor manufacturing with

Photonics

As photonics becomes a ubiquitous enabler for applications beyond those centric to the realm of data and quantum communications, we are also active in the fields of photonic sensing and further exploit

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New headquarters for Silicon Austria Labs

The top Austrian research centre Silicon Austria Labs (SAL) opened its new headquarters in Graz. → Read more on this!

Silicon Austria Labs and EV Group strengthen Collaboration in Optical ...

Silicon Austria Labs GmbH (SAL) was founded in 2018 as part of the European Forum Alpbach as a cross-state, non-university center of excellence in the field of electronics-based systems.

Photonik: Silicon Austria Labs an 400-Millionen-Euro-Initiative ...

Österreich leistet über Silicon Austria Labs erneut einen starken Beitrag, um den technologischen Fortschritt zu beschleunigen, die industrielle Leistungsfähigkeit zu stärken und die

Contact Us

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