

Intelligent technologies for a sustainable future

Infineon Technologies Austria AG
Fiscal Year 2024

Infineon is a global leader in power systems and IoT

Global leader

in automotive, power management,
energy efficient technologies and IoT

~58,060

employees[1]

Market position

Automotive	Power	Microcontroller
#1	**#1**	**#1**
TechInsights, April 2024	Omdia, October 2024	Omdia, March 2025



[1] As of 30 September 2024

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Infineon at a glance

Growth areas



Energy
green and efficient

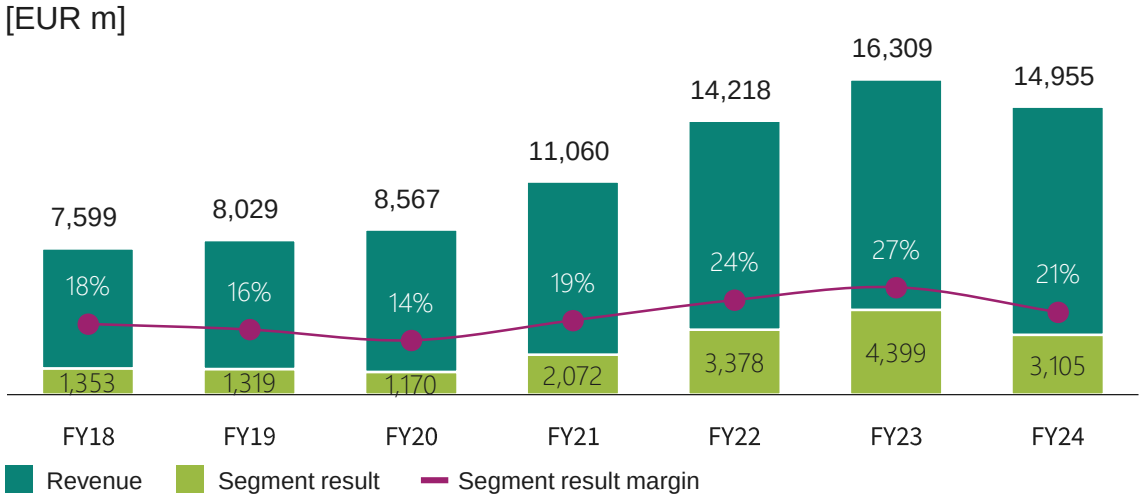


Mobility
clean and safe

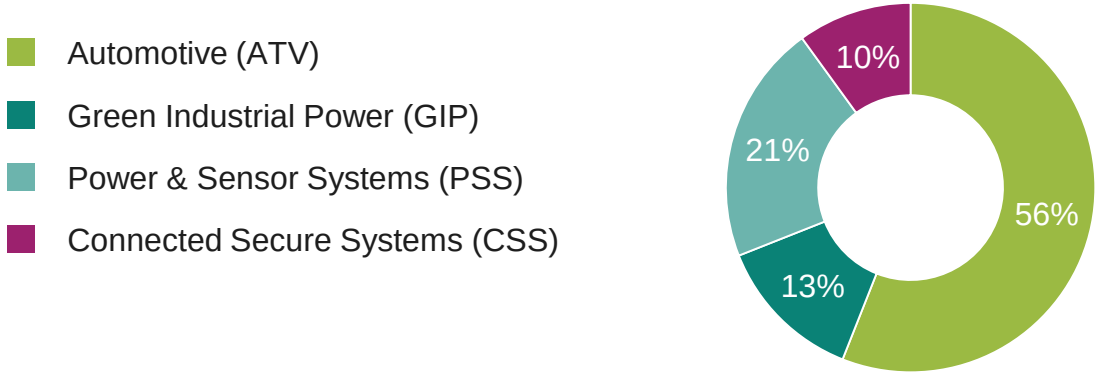


IoT
smart and secure

Financials



FY24 revenue by segment[1]

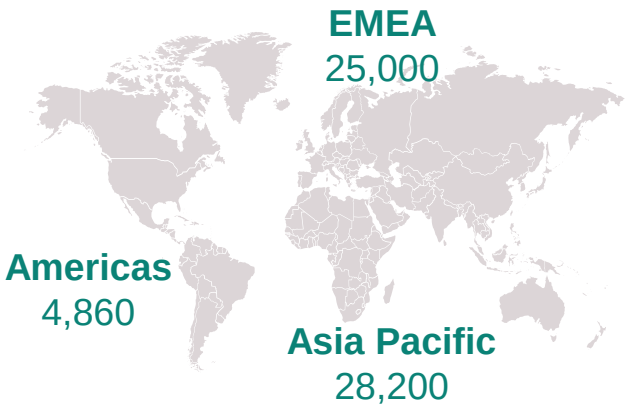


Employees[1]

58,060
employees worldwide

71
R&D and

15
manufacturing locations[2]



For further information: Infineon Annual Report.
1 2024 Fiscal year (as of 30 September 2024) | **2** As of 30 September 2024

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Driving decarbonization and digitalization. Together.



Semiconductors are crucial to solve the energy challenges of our time and shape the digital transformation.

This is why Infineon is committed to actively driving decarbonization and digitalization.

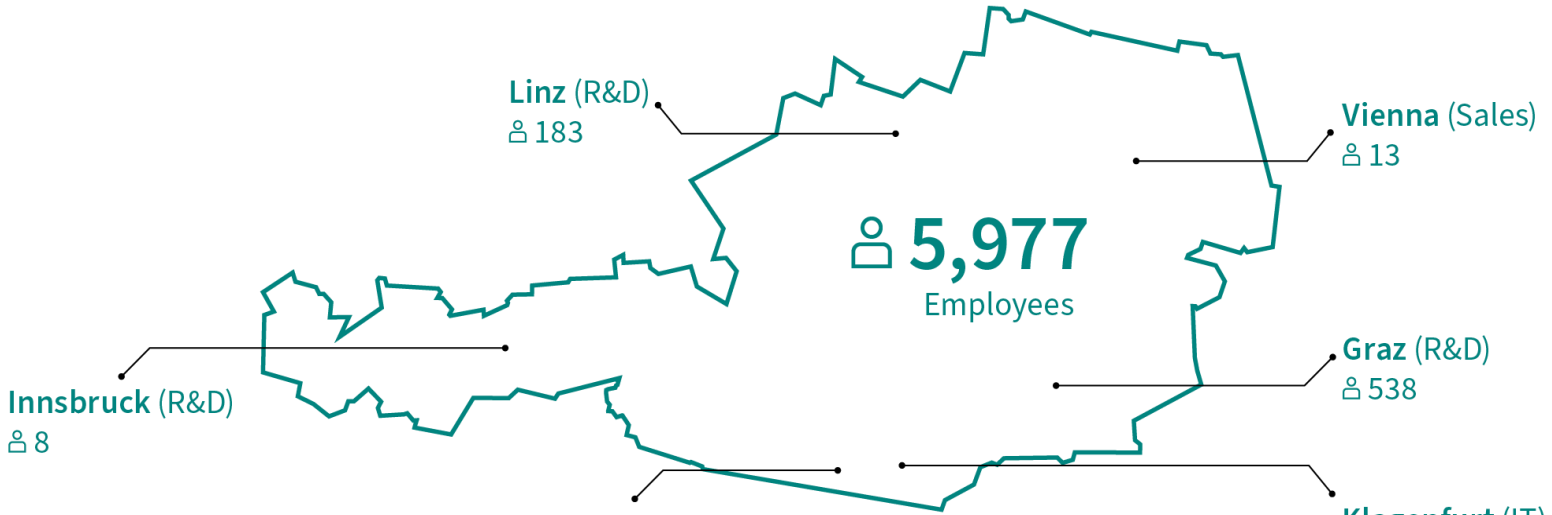
As a global semiconductor leader in power systems and IoT, we enable game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT.

We make life easier, safer, and greener.
Together with our customers and partners.
For a better tomorrow.

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Infineon Austria – Company overview



R&D Research and development
IT Information technology
GBR Global business responsibility
P Production

Fiscal year 2024 (as of 30 Sep. 2024)

Turnover	€ 4.757	bn
Earnings before taxes	€ 151	m
Investments	€ 322	m
R&D expenses	€ 686	m

Subsidiaries in Austria

IT Services, Klagenfurt
KAI, Villach

Foreign subsidiaries

Infineon Technologies Romania SCS (R&D)
Infineon Technologies (Kulim) Sdn Bhd, Malaysia (P)
NoBug Consulting SRL, Romania (R&D)
NoBug DOO, Serbia (R&D)

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Comprehensive competences

Management Board of Infineon Technologies Austria AG



Infineon Austria pools the competences for

- **Research & Development**
- **Production**
- **Global business responsibility**

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Infineon Austria: Key economic figures[1]

Infineon Technologies Austria Group incl. Austrian subsidiaries	GJ 2023	GJ 2024
Turnover in € bn	5.604	4.757
Earnings before taxes in € m	835	151
Employees	5,886	5.977
Investments[2] in € m	628	322
R&D expenses in € m (in % of turnover)	672 (12%)	686 (14%)
Total purchasing volume of which in Austria and of which in Carinthia	1.369 409 257	1.108 412 210

[1]as of 30 Sep. 2023

[2] Investments excluding financial assets

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Positive impact on the regional economy with jobs created and added value



Workplaces

- around 3,400 new jobs since 2008/09
- of which around 1,600 in R&D

Region

- one job at Infineon creates around three more in the region

Added value

- Infineon generates 2.22 billion euros in added value in Austria
- of which 1.5 billion euros in Carinthia

*Value creation study May 2025 based on the 2023/2024 financial year, Industriewissenschaftliches Institut-IWI

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5.977 Employees

22% Women’s share



60% Academics

32% Internationality

Global business responsibility in Austria

14 product lines of 3 divisions

Green Industrial Power

- Chips & Discretes
- Intelligent Power Modules
- Gate Driver

Automotive

- High Voltage Chips & Discretes

Power & Sensor Systems

- Power Management IC‘s
- High Voltage Power Conversion
- Ultra-Low Voltage Switches
- Low Voltage Switches
- Medium Voltage Switches
- Audio, Control & Protection IC‘s
- Power IC‘s
- GaN High Voltage
- GaN Medium Voltage
- GaN Auto



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Excellence in research & development

2,505

Employees in R&D
approx. 1/5 of all R&D employees in the group

€ 686 m

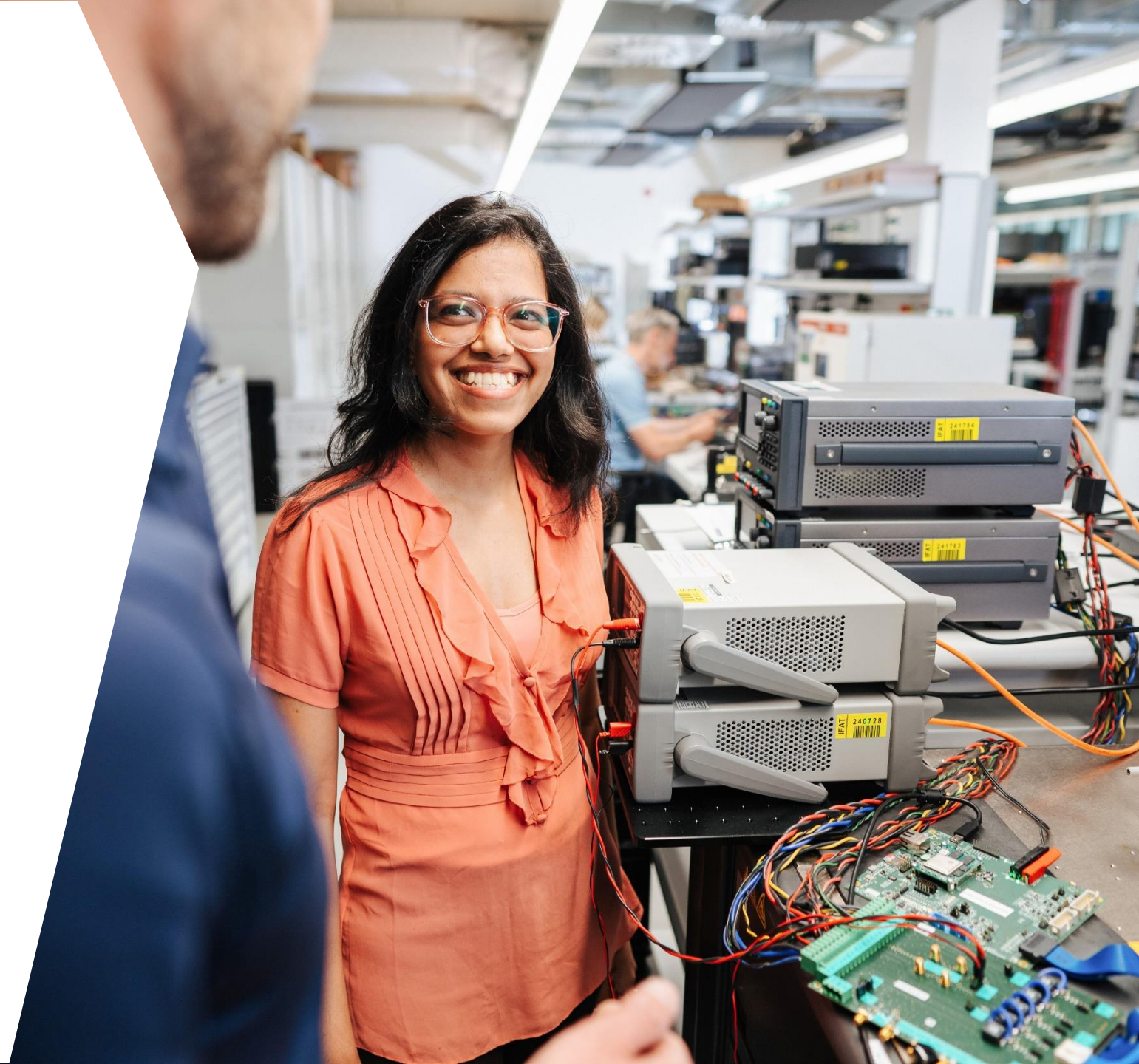
R&D expenses
= 12% of turnover

205

First patent applications
in FY 23/24

Strongest research company in Austria[1]

[1]according to a ranking carried out by the economic magazine trend, published on 21 June 2024



Innovation Fab Villach



- Competence center for extremely thin (up to 20µm) silicon wafers
- Series production of power semiconductors ("energy-saving chips") in 300-millimeter-thin-wafer-technology
- Manufacturing expertise for MEMS (microelectromechanical systems), e.g. tire pressure sensors
- World’s first 300-mm-GaN-Power-Technology
- Global competence center for new semiconductor materials silicon carbide (SiC) and gallium nitride (GaN) in the Group
- One virtual fab: Virtual mega-factory for 300-millimeter-thin-wafers together with Dresden

7.5 bn
Chips produced (FY 23/24)

~1,800
Product types in process at the same time

~1,000
Individual processing steps per wafer

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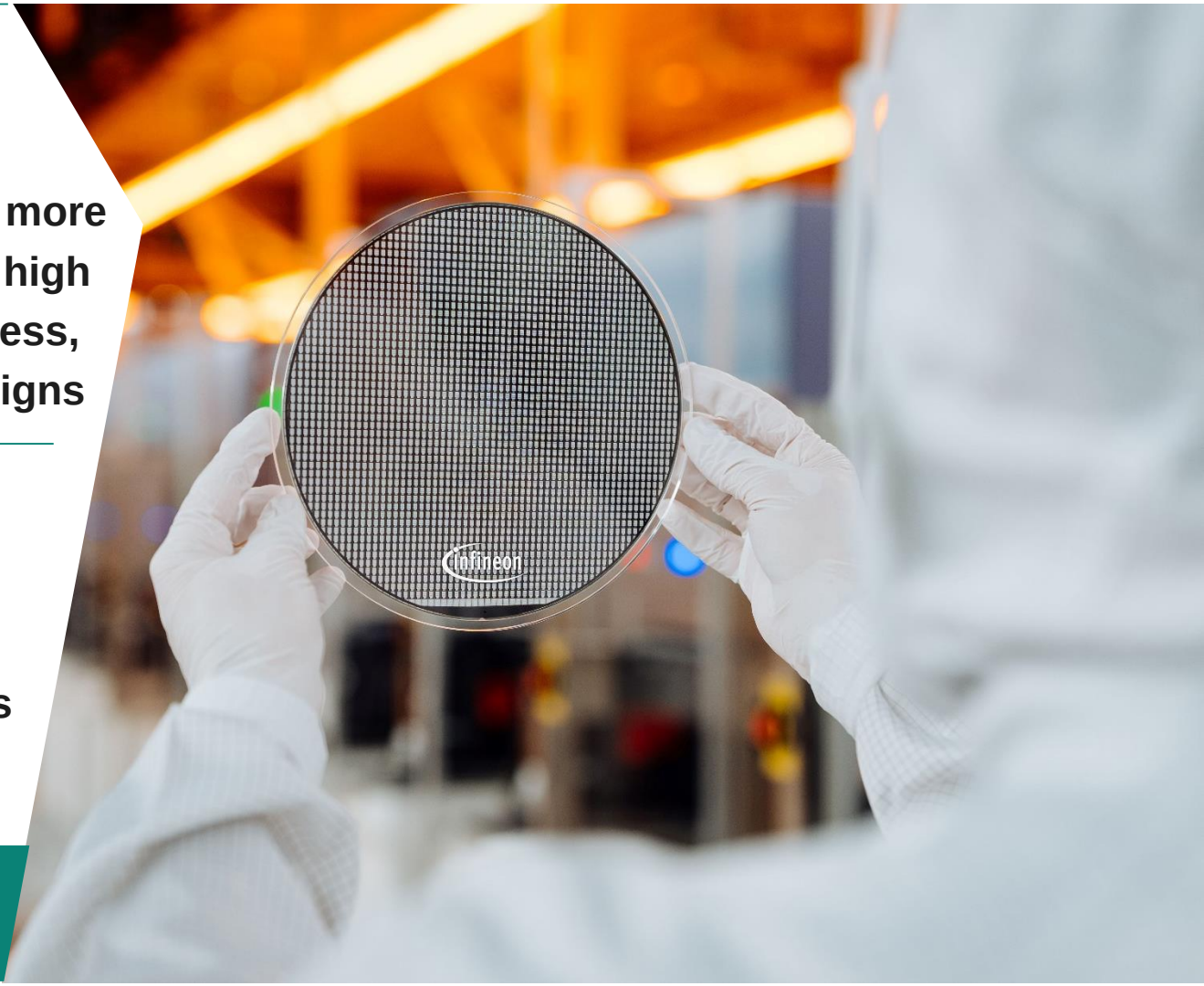
Infineon released first 200mm silicon carbide (SiC) wafer to customers

First-class SiC power technology for high-voltage applications

Switches electricity even **more efficient,** demonstrates **high reliability** and **robustness,** and allows **smaller designs**

Various areas of application, like renewable energies, trains, and electric vehicles.

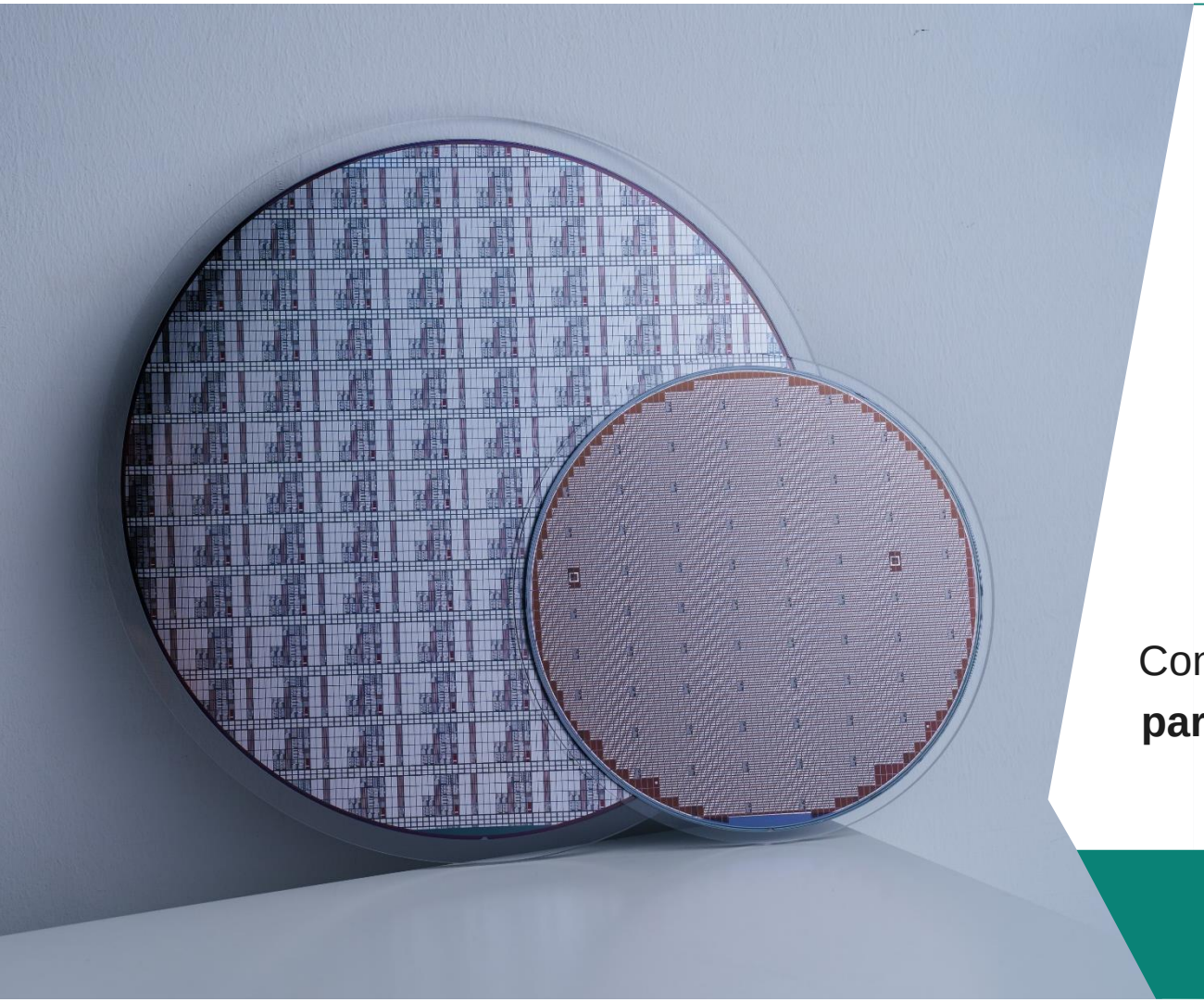
First release of SiC products to customers



Superior Value Proposition

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Infineon pioneers world's first 300 mm gallium nitride (GaN) power technology – key benefits of 300 mm GaN



2.3 times more chips
compared to
200 mm technology

Higher system performance & **increased cost-effectiveness**

Contribute to **achieving cost parity with silicon** over time

Supply stability
for business continuity

Superior Value Proposition

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Infineon pioneers the world's thinnest silicon power wafer at 20µm

Handling & processing of ultra-thin 20µm power semiconductor wafers

15% less power loss due to reduced substrate resistance and thickness

Various areas of application & strengthening **powering AI roadmap**

Already qualified and approved for customers



Superior Value Proposition

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We Power AI



AI: **Computationally Intensive Process** with Significant CO_2 Footprint

Efficient Power Semiconductors for Data Centers: **Cost- and CO_2-Saving**

Data Centers' Share of Global Electricity Demand **2022: 2%, 2030: 7%**

Technological Solutions from Villach: **Combination of Si, SiC, and GaN**

Superior Value Proposition

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Skilled workers of the future: New Apprenticeship campus
Doubling the annual number of apprentices since autumn 2024



Modern training and further education center completed at Villach Technology Park:

- Infineon apprentice campus launched on 1 September 2024
- Doubling of apprenticeships from 2024: training of ~ 350 new employees in the next 10 years
- Synergies through proximity to the Infineon Villach innovation factory
- Cooperation with the two largest apprenticeship training organizations in Carinthia

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Powered by Infineon Austria

SECORA™ Pay Green

- R&D competence from Graz
- world’s first contactless payment card technology, allowing for up to 100% reduction in plastic waste
- SECORA™ Pay Green cards: eco-friendly Coil-on-Module (eCoM) package – no antenna in the card body needed
- Conventional payment cards: copper wire antenna, that spans the entire card - almost impossible to recycle
- allows the use of recyclable materials





Powered by Infineon Austria

Energy saving chips for solar inverters

- R&D expertise and production in Villach
- Austrian customer Fronius relies on Infineon solution in hybrid inverter for photovoltaic systems
- Development of innovative wide-bandgap (WBG) solar products with the customer SolarEdge and Enphase
- The world's most powerful inverter from Sungrow uses technology from Infineon
- Advantages: higher efficiency and reliability, optimal energy management, decarbonization

Powered by Infineon Austria

Radar technology

- R&D competence from Linz
- Key technology in partially and fully automated vehicles
- Optical distance measurement, warning systems, automatic emergency braking
- With over 300 million 77 GHz radar chips sold, Infineon is the technology and world market leader in this segment





Powered by Infineon Austria

Security chips in Austrian cards, IDs, smart wearables

- R&D competence from Graz
- Contactless payment with smart wearables, NFC ATM cards (Payment Services Austria / Austria Card)
- Electronic passport (Austrian State Printing Office)
- Austrian social insurance card "e-card" (Austria Card)
- Security technologies for mobile Near Field Communication applications

Powered by Infineon Austria

Microcontrollers

- R&D competence from Graz & Villach
- Development of particularly fast, powerful and efficient microcontrollers
- Used, for example, in cars, e-charging stations, household appliances, industrial robots or automation systems





Powered by Infineon Austria

Shaping E-Mobility with Leading High Voltage Solutions

- Silicon (Si) and Silicon Carbide (SiC) technology with R&D expertise, and production in Villach
- Supporting higher driving range and affordability at the same time
- Highly efficient charging
- Great driver experience

Powered by Infineon Austria

Quantum Research made in Austria

- Unique quantum test laboratory in Villach
- Ion trap technology for scalable quantum processors
- Networking with science and industry in research projects and technical contributions
- Building a Mobile Quantum Computer within the Next Three Years with Technology Partner Oxford Ionics Ltd.





Powered by Infineon Austria

Energy-Efficient Internet Growth

- R&D expertise and production from Villach
- 50% of all servers worldwide are equipped with Infineon chips and all major AI system manufacturers are among our customers
- Semiconductors for infrastructure, server capacities, end devices
- Global internet data traffic grew by 78% from 2015 to 2022
- Energy efficiency improvements slow down power demand from data centers and networks[1]

[1]IEA (2024): Data Centres and Data Transmission Networks

Partnerships strengthen R&D excellence

Endowed professorships & Academic cooperations

University Zagreb: Cooperation with Faculty of Electrical Engineering and Computing in the field of power electronics

Politecnico Milano: RF Design & Mixed Signal IP

University of Modena: Power Electronic Simulations and Defect Optimizations on GaN

University of Udine: Power Conversion & Wireless Power Transfer

Infineon Quantum Test Lab in Villach

Development of ion-based quantum processors with integrated optical interfaces in cooperation with JOANNEUM Research and the University of Innsbruck



185

Research collaborations in Austria, Europe and beyond (FY 2024)

Strengthening Europe's knowledge-base with IPCEI

Participation in the "Important Project of Common European Interest (IPCEI) on Microelectronics and Communication Technologies (ME/CT)": Industrial Implementation of New Semiconductor Generations and Knowledge Transfer to EU-13 and Balkan Countries

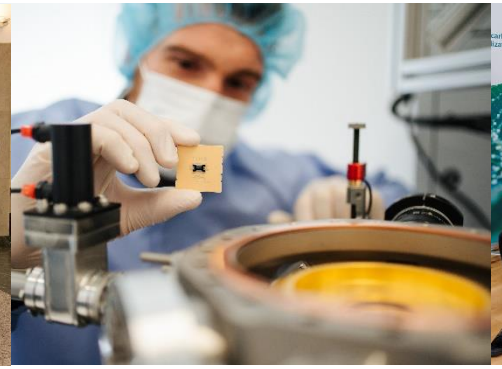
Participation in Silicon Austria Labs

Contribution to a newly developed centre of gravity in electronics-based systems

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Selected collaborations










Educational and research networks

TU Graz

FACHHOCHSCHULE KÄRNTEN

TU WIEN TECHNISCHE UNIVERSITÄT WIEN Vienna University of Technology

JKU JOHANNES KEPLER UNIVERSITÄT LINZ

Università degli Studi di Padova

Christian Doppler Forschungsgesellschaft

UNIVERSITY OF APPLIED SCIENCES UPPER AUSTRIA

ETH Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

universität innsbruck

UNIVERSITÄT SALZBURG

Clusters and European projects

Listen2Future

SAL SILICON AUSTRIA LABS

PIEDMONS

SILICONALPS

IPCEI Microelectronics and Communication Technologies

INDUSTRIE 4.0 ÖSTERREICH

Corporate Social Responsibility

CID CARINTHIAN INTERNATIONAL CENTER

Technische Akademie Portal in die Zukunft

LIVING WORKING PLAYING LEARNING VILLACH

ARGE NATURSCHUTZ

CINT CLUB INTERNATIONAL

Caritas &Du

Research Centers

Fraunhofer IPT

JOANNEUM RESEARCH

CEST competence center

AIT AUSTRIAN INSTITUTE OF TECHNOLOGY TOMORROW TODAY

virtual vehicle

KAI

LCM LINZ CENTER OF MECHATRONICS

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We invest heavily in education for the future

Children

- International Day Care Center - Nursery & Kindergarten
- Around 300 childcare places
- Science MiniLABs

Pupils

- International School Carinthia
- Girls Day
- "Smart Learning" classes & DIGI Lab
- Infineon Education Fund Learning Cafés of Caritas Carinthia and Styria

Students

- Teaching and studying at the Carinthia University of Applied Sciences
- Infineon School in Villach
- PhD@Infineon Austria
- Infineon Hub at the TU Vienna and the University of Ljubljana
- Women's Advancement Award 2024 in cooperation with ORF

Employees

- Carinthian International Center
- Gender Diversity
- Junior Talent Program & Austrian Talent Circle

Over 125,000 children, young people and students reached since 2014



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Responsible action, sustainable profitable growth

Infineon ranks among the most sustainable companies in the world

- Sustainability at Infineon includes social, ecological, and economic values
- Infineon was one of the first semiconductor companies to voluntarily commit to the Ten Principles of the UN Global Compact
- Infineon meets global societal challenges such as climate protection, energy efficiency, and resource management with innovative products
- Infineon's climate target is to become carbon-neutral by 2030[1]. Emissions are to be cut by 70 percent over the 2019 calendar year[2] levels by 2025
- External evaluation of the commitment:
  - MSCI ESG Research rates Infineon with AAA for the first time after receiving an AA rating in the previous five years
  - Included in the Dow Jones Sustainability Index family for the 15th year in a row
  - Awarded Gold status for six years in a row and in 2024 for the third time Platinum status by EcoVadis



1 In terms of Infineon's direct and indirect energy- and heat-related emissions (Scope 1 and 2). | **2** Including Cypress.
For further information: Infineon Sustainability Report

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Our Energy-Saving Chips: A Central Contribution to the Energy Transition

CO_2 emissions[1]
0.4 million tons CO_2 equivalents



Ratio
1:30

CO_2 savings[2]
11 million tons CO_2 equivalents



Net benefit: over 10 million tons CO_2

» **11 m tons of CO_2 equivalents** correspond to ~**15% of Austria's annual CO_2 emissions** in 2022

1 This figure takes into account manufacturing, transportation, own vehicles, travel, supplier-specific emissions, water/waste water, direct emissions, energy consumption, waste etc. as well as direct and indirect energy-related emissions by manufacturing service providers. It is based on data collected internally and publicly available conversion factors and relates to the 2024 fiscal year.
2 This figure is based on internally established criteria, which are described in the explanatory notes. The figure relates to the 2022 calendar year and takes into account the following application areas: automotive electronics, industrial drives, photovoltaics as well as wind energy. CO2 savings are calculated based on the potential savings generated by technologies in which semiconductors are used. The CO2 savings are allocated based on Infineon's market share, semiconductor share and the lifetime of the technologies concerned, based on internal and external experts' estimations. Despite the fact that carbon footprint calculations are subject to imprecision due to the complex issues involved, the results are nevertheless clear.

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CO_2 reduction targets

CO2 neutrality by 2030 - primarily by avoiding emissions[1] and increasing energy efficiency

Science-Based Target: Climate strategy extended to the supply chain (Scope 3)

Product Carbon Footprint

Creating transparency right down to product level: LINK

Deeper insight for customers into their carbon footprint along their value chain

[1] Scope 1 und 2

Sustainability in Processes: Energy Efficiency in the Company

Heating

– Around 75% of the **heating requirements of the office and laboratory space** in Villach are covered by the **intelligent reuse of waste heat** from production.



Energy savings

– **66 GWh energy savings since 2013**
This is roughly equivalent to the annual electricity consumption of 15,700 households[1].

100% Green electricity

– Since 2013, Infineon Austria exclusively uses electricity **from renewable sources with a certificate of origin.**

Green Hydrogen

– **Start of production in 2025:**
Hydrogen will be produced from renewable energy in Villach and used in production.

[1]according to E-Control; rough estimate for a 3-person household

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We take our social responsibility seriously







Voluntary reforestation

- Reforestation initiative with Arge NATURSCHUTZ and Villach District Forestry Inspectorate
- 3,625 trees on 2.6 ha
- Focus: Biodiversity

Caritas Learning Cafés

- 105,000 euros for four Caritas learning cafés in Carinthia and Styria
- Support for 120 children and young people

Employee Engagement

- Nature conservation campaigns (100 bird nesting boxes in the region, small animal monitoring)
- Learning assistants in the Caritas learning cafés
- Volunteer fire department, company paramedics etc.

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Selected awards (2018–2024)

Innovation	Top Innovative Companies 2025, commissioned by Trend and Statista	2024
	1st place, Reputation Report of Austrian Industry, IMWF on behalf of “Industriemagazin”	2022
	Upper Austrian State Prize for Innovation, Infineon Linz	2021
	Innovation Award "Austria's Best" (OGVS & trend), winner in the category electrical engineering and physics	2020
Quality & Delivery Reliability	Responsible Business Alliance, Platinum Status Award	2023
	„Best Customer Quality Award“ in the area Automotive, Delta	2021
	Toyota Honor Quality Award	2020, 2019, 2018
Employer	Number 3 of the 25 LinkedIn Top Companies in Austria	2024
	2nd place HR Award, together with CIC, category Diversity, Equity & Inclusion	2024
	Top 10 Employers in Austria, Rank 4, Randstad Employer Brand Research	2024
	State-awarded training company	2023
Corporate Social Responsibility	Environmental Management Award 2024, Federal Ministry for Climate Protection in Austria and the Ministry of the Environment in Germany	2024
	3rd place in the Energy Globe Award Carinthia 2024	2024
	GreenTech Award “Future made in Austria (ÖGSV)”	2023



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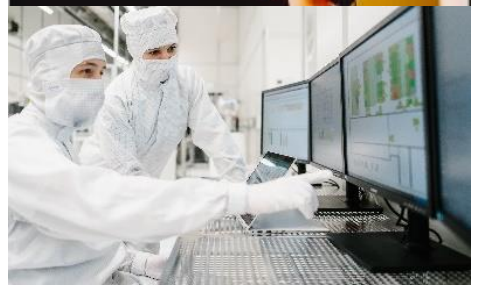
From extended workbench to global player on the semiconductor market

2024	Opening of the apprentice campus at tpv Technologiepark Villach
2023	Launch of the EPI Competence Center
2023	Opening of the System Competence Center in Innsbruck
2021	Completion and start of production of the new 300-millimeter chip factory
2020	Completion of the new buildings in Graz, Linz & Villach
2018	Construction of a new, fully automated 300 millimeter chip factory in Villach
2017	Villach becomes global competence center for new semiconductor materials
2016	Global business responsibility expanded following integration of International Rectifier
2013	Start of chip production on 12-inch (300-mm) thin wafers
2006	Foundation of Competence Center Automotive & Industrial Electronics (KAI)
2004	Foundation of IT Services in Klagenfurt
1999	Siemens semiconductor division becomes Infineon Technologies
1998	Establishment of the development center in Graz
1997	Villach becomes competence center and leading location for power electronics
1979	Establishment of Development Center for Microelectronics Villach Start of chip production on 4-inch (100-mm) wafers
1970	Siemens starts diode production in Villach









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Infineon Austria – Explore our history!

EXPLORE
Infineon Austria

Exhibition in the reception area at the Villach site:

Open for everyone from Monday to Friday, 8 am to 6 pm

how to get here





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