



# Infineon at a glance 2020

[www.infineon.com](http://www.infineon.com)





## Bring our flyer to life!

This app reaches beyond our flyer to present additional information about Infineon. In addition to videos, it brings you augmented reality features so you can immerse yourself directly in the world of Infineon. To access this combined digital content, download the “Infineon at a glance” app, open it and hold your smartphone over the visuals, graphics and illustrations that you will find throughout this flyer.

**Immerse yourself in the digital world of Infineon in just 3 easy steps:**

- 1 Scan the QR code
- 2 Download the app
- 3 Open the app and embark on your voyage of discovery



A world leader in semiconductor solutions



### Our vision

We are the link between the real and the digital world.

### Our values

We commit  
We partner  
We innovate  
We perform

### Our mission

We make life  
easier, safer  
and greener.

Part of your life. Part of tomorrow.

# We are shaping the future

For an easier, safer and greener world

The digital revolution is transforming our world. A rapid stream of innovative products and services touches almost every facet of our everyday lives. As a world leader in semiconductors, we are playing a key role in shaping a better future – with microelectronics that link the real and the digital world. Our semiconductors enable smart mobility, efficient energy management, and the secure capture and transfer of data.



## We make life easier

Think unobtrusive, intuitive technology that seems to know what we want it to do ... Think Infineon. Cloud connectivity, speech recognition, gesture control and 3D augmented/virtual reality technologies allow us to interact seamlessly with smart speakers, wearables and smartphones. All thanks to our wireless and Bluetooth connectivity solutions, MEMS microphones, radar and 3D sensors.

## We make life safer

As web-based services proliferate, so too does the need to protect digital communication, connected devices, electronic payments and identification documents like ePassports against misuse. Our security solutions use innovative encryption technologies to safeguard identities and data. In the IoT, they ensure that devices and services can be reliably authenticated. In addition, we contribute to road safety – through solutions that correct driver errors and prevent accidents. Infineon sensors, microcontrollers and security ICs enable a host of comfort and convenience features while securely and intelligently connecting vehicles.



## We make life greener

Our world needs more and more energy. Which is why we have to generate, transmit, store and use energy more efficiently. Semiconductors from Infineon are used to generate electricity effectively from solar and wind sources. They also enable energy to be transmitted with almost no losses. Our technologies help make cars, trains, industrial plants, data centers, consumer electronics and household appliances as energy efficient as possible.

# Infineon's business segments and target applications

## ATV



### Automotive

The ATV division is shaping the future of mobility by enabling clean, safe and smart cars. Its product and solution offering is powering the

transition to hybrid and purely electric vehicles. It is supporting the next stages of automated driving as well as higher levels of connectivity, digitalization and security in today's cars. ATV drives safety, digital cockpit, infotainment, comfort and lighting innovations. Its portfolio integrates sensors, microcontrollers, high-performance memories for specific applications, power semiconductors based on silicon (Si) and silicon carbide (SiC) as well as components for human-machine interaction and vehicle connectivity. Infineon is the world leader in automotive semiconductors.

## IPC



### Industrial Power Control

The IPC division delivers leading semiconductor solutions for the smart and efficient generation, transmission, storage and use of electrical

energy. Its broad application spectrum includes photovoltaic installations, wind turbines, high-voltage DC transmission and energy storage systems, industrial power supplies, trains, electric commercial vehicles, home appliances, and charging infrastructures for electric vehicles. Infineon is the global number one for IGBT-based power semiconductors. With its SiC solutions for industrial applications, IPC is also in a worldwide leading position. The division is also advancing integration and digitalization with innovations such as energy-efficient Intelligent Power Modules (IPM). Building on Infineon's extensive portfolio spanning sensors, microcontrollers and connectivity technologies, IPC provides innovative solutions for smart home and industrial IoT applications.

## PSS



### Power & Sensor Systems

The PSS division delivers a wide range of power, connectivity, RF and sensor technologies designed to reduce the size and weight

of chargers, power tools and lighting systems, while also increasing energy efficiency. The next generation of silicon and wide-bandgap solutions (SiC and gallium nitride) provide unparalleled performance and reliability for 5G, big data and renewable energy applications. Highly precise XENSIV™ sensor solutions are bringing “human” senses to IoT devices, enabling them to react intuitively to their surroundings. Audio amplifiers complement the PSS portfolio, enabling smart speakers and other audio applications offering exceptional sound experiences.

## CSS



### Connected Secure Systems

The CSS division provides end-to-end systems for a connected, secured world – building on trusted, game-changing

microcontrollers as well as wireless and security solutions. In recent decades, CSS has delivered microcontrollers plus WiFi, Bluetooth and combined connectivity solutions (known as connectivity combos) along with hardware-based security technologies to power the broadest application spectrum spanning consumer electronics, consumer and IoT devices, cloud security, IT equipment, home appliances, connected cars, credit and debit cards, electronic passports, ID cards and more. The division is at the forefront of computing, wireless connectivity and trusted technologies that are helping to securely connect the networked systems of today and tomorrow.

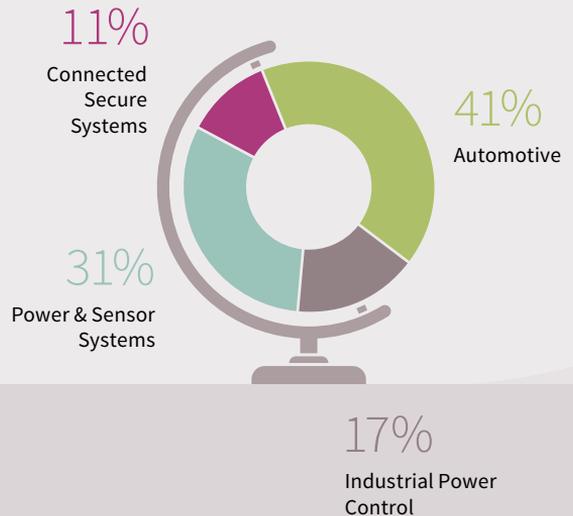
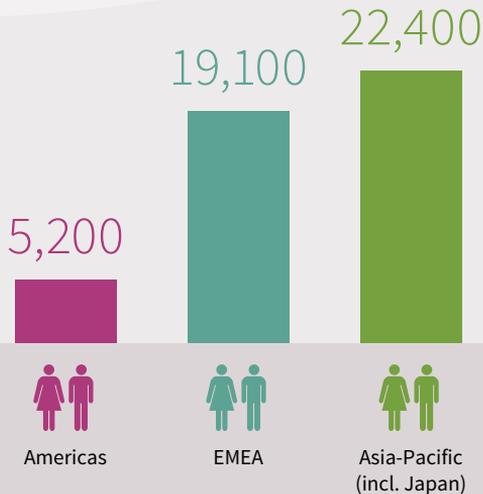
# Facts & figures

46,700

employees worldwide  
as of 30 September 2020

8,567

revenue in the 2020 fiscal year  
in EUR million<sup>1</sup>



<sup>1</sup> Revenue of €8,567m includes OOS and C&E of €16m.

# Market shares

## Automotive electronics

Number 1 in automotive semiconductors<sup>2</sup>

13.4%



## Industrial electronics

Number 1 in the total market for discrete power semiconductors and modules 17 years in a row<sup>3</sup>

19.0%



## Sensor technology

Number 1 in MEMS microphones die suppliers<sup>4</sup>

43.5%



## Security

Number 1 in security ICs (excl. NFC controller; excl. NFC eSE)<sup>5</sup>

26.3%



<sup>2</sup> Source: Strategy Analytics, May 2020. The 2019 market share is the combined market share of Infineon and Cypress based on their individual figure.

<sup>3</sup> Source: Based on or includes research from Omdia: *Power Semiconductor Market Share Database 2020*, September 2020

<sup>4</sup> Source: Based on or includes research from Omdia: *MEMS Microphone Dice Market Shares 2020; preliminary v1.1.*, October 2020

<sup>5</sup> Source: ABI Research, October 2020

The information is not an endorsement of Infineon Technologies AG by Omdia. Any reliance on these results is at the third party's own risk.

# Sustainability

At Infineon, we align our corporate social responsibility (CSR) strategy with the principles of the UN Global Compact, which we have been a member of since 2004. Our CSR strategy covers the following areas of activity:

**Business ethics:** Integrity shapes the way we do business and interact with customers, shareholders, business partners, employees and the general public. This commitment to integrity forms the basis of our Business Conduct Guidelines.

**Environmental sustainability and climate protection:** Our Infineon Integrated Management Program for Environment, Energy, Safety and Health (IMPRES) is certified according to ISO 14001. At our largest European sites and our corporate headquarters Campeon (Germany), our energy management system is also certified according to ISO 50001.

**Corporate citizenship activities:** At Infineon, our corporate citizenship activities are centered on social engagement projects that benefit the communities in which we operate.

**CSR in the supply chain:** Our suppliers have to comply with our Business Conduct Guidelines and our Principles of Procurement.

**Occupational health and safety:** Our Occupational Health and Safety Management System is certified in accordance with OHSAS 18001.

**Human resources management:** Our human resources work focuses on developing our existing workforce and recruiting new staff.

Infineon is listed in major sustainability indices. For further information on our CSR strategy, visit: [www.infineon.com/sustainability](http://www.infineon.com/sustainability)

## Our carbon-neutrality goal

Infineon has set itself the goal of becoming carbon-neutral by the 2030 fiscal year in terms of Scope 1- and Scope 2-emissions. Even before the end of the 2025 fiscal year, Infineon aims to have achieved 70 percent of this target (compared with the calendar year 2019<sup>6</sup>).

# Carbon footprint

(without consideration of Cypress)



Around  
**1.61**  
million tons of  
CO<sub>2</sub> equivalent



Around  
**56**  
million tons of  
CO<sub>2</sub> equivalent

CO<sub>2</sub> burden <sup>7</sup>

Ratio around 1 : 35

CO<sub>2</sub> savings <sup>8</sup>

Net ecological benefit: CO<sub>2</sub> emissions reduction of more than 54 million tons

<sup>6</sup> In line with our carbon-neutrality goal, with 2019 as the base year, the relevant data of Cypress is included.

<sup>7</sup> This figure takes into account manufacturing, transportation, own vehicles, flights, raw materials and consumables, chemicals, water/waste water, direct emissions, energy consumption, waste etc. at all production sites included in IMPRES and at the Campeon headquarters (Germany), as well as direct and indirect energy-related emissions by manufacturing service providers. All data relates to the 2020 fiscal year.

<sup>8</sup> The figure relates to the 2019 calendar year and is calculated for the following fields of application: automotive, LEDs, induction cookers, PC power supplies, renewable energy (wind, photovoltaic), cellphone chargers and drives. CO<sub>2</sub> savings are calculated on the basis of the potential savings resulting from technologies in which semiconductors are used. The CO<sub>2</sub> savings are allocated on the basis of the Infineon market share, semiconductor content, and lifetime of the technologies concerned, based on internal and external experts' estimations. Despite the fact that precise CO<sub>2</sub> footprint calculations are subject to uncertainty due to the complex factors involved, the results are nevertheless clear.

Want to know more?

To discover more about the world of Infineon, download the “Infineon at a glance” app and scan this or any other page to see the latest highlights. We regularly update this animated content, so check it out from time to time and keep your finger on the pulse!



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Published by Infineon Technologies AG

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Document number: B192-H9569-V15-7600-EU-EC-P  
Date: 11/2020

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