



Infineon at a glance 2017

www.infineon.com



We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future.

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 is touching almost every facet of our everyday lives. We are playing a key role in shaping a better future – with microelectronics that link the digital and the real world. Our semiconductors enable smart mobility, efficient energy management and the secure capture and transfer of data.

We make life easier

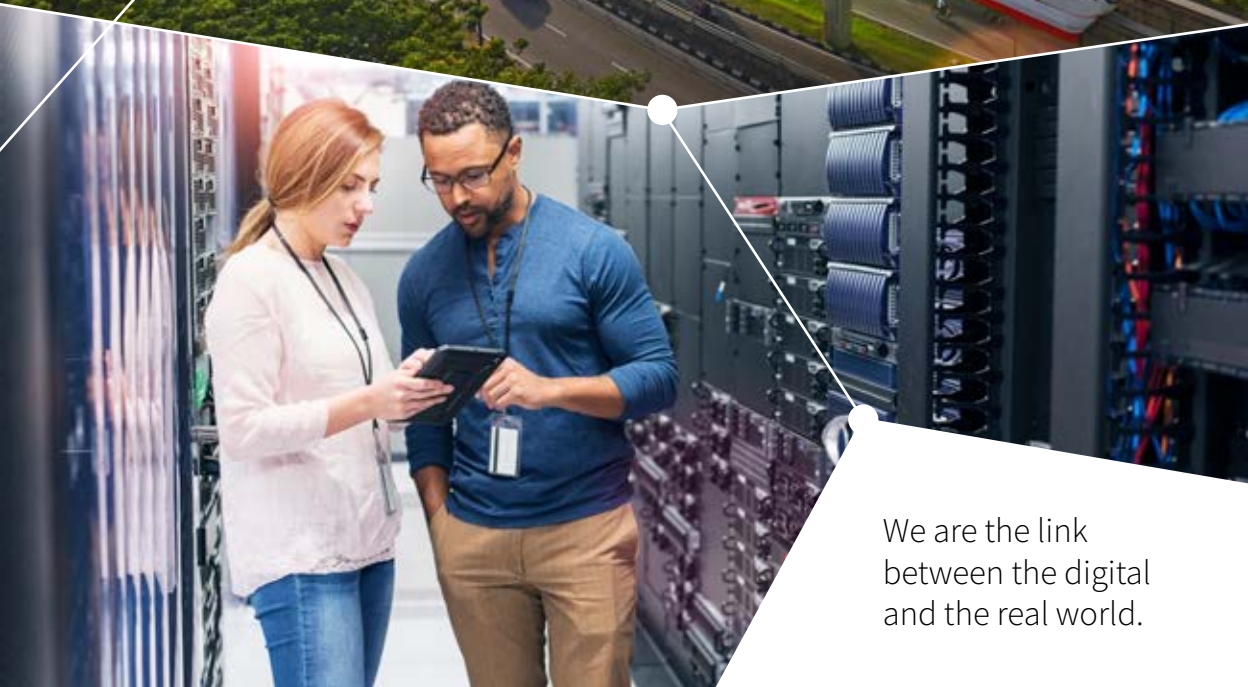
Smart functions like speech recognition, gesture control and 3D applications (augmented/virtual reality) improve the usability and convenience of everyday items such as speakers, wearables and smartphone apps. Regardless of whether they are based on MEMS, radar or sensor chips, semiconductors from Infineon make life easier. Thanks to our technologies, smartphones and tablets have increasingly compact and lighter adapters, shorter charging cycles and longer battery lives.

We make life safer

As web-based services proliferate, so too does the need to protect digital communication, connected devices and electronic documents like ePassports against misuse. Our security solutions use innovative encryption technologies to safeguard identities and data. We also help make our roads safer – through solutions that correct driver errors and prevent accidents. Active safety systems like pedestrian detection, adaptive cruise control or blind spot alerts play an important role here. Our solutions make premium-class automotive safety systems affordable in the mid-range and compact car classes.

We make life greener

Our world needs more and more energy. Which is why, in the future, we will have to produce, transmit and use energy more efficiently. Semiconductors from Infineon are used to effectively generate electricity from solar and wind sources. They also enable energy to be transmitted with almost no losses. Our technologies reduce energy consumption in cars, trains, industrial plants, consumer electronics and household appliances.



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

Business segments

Our four business segments cover a broad spectrum of applications that are already helping to shape a better future. We hold leading positions in these markets.



Automotive

In the Automotive (ATV) segment, we develop premium products and high-value services to advance fully and partly self-driving cars. Our radar-based advanced driver assistance systems process complex, safety-critical data from the vehicle's surroundings. We are helping to realize the Zero Vision for road traffic safety through our certified components and subsystems. In the connected car of the future, our security microcontrollers will help protect sensitive data more effectively. In addition, ATV is making a valuable contribution to the development of e-mobility. Power semiconductors are driving electric motors, while innovative silicon carbide-based system solutions are making chargers and inverters considerably lighter and more efficient. This makes the battery smaller and therefore cheaper while still delivering the same range. In combustion engines too, power semiconductors are making a difference by reducing exhaust emissions.



Industrial Power Control

Industrial Power Control (IPC) specializes in the conversion of electric energy for the medium- to high-power range. IPC components are used to generate energy, transmit it with low losses and use it efficiently – particularly in applications where high voltages and high currents need to be controlled. Typical examples include industrial drives, rail cars, wind and photovoltaic power systems and larger household appliances such as air-conditioning units and washing machines. Our intensive, pioneering work in the development and manufacture of silicon carbide has put us in an excellent market position, for instance in the move to build out the charging infrastructure for e-vehicles.



Power Management & Multimarket

The Power Management & Multimarket (PMM) portfolio is very diverse. One of PMM's core areas of expertise is semiconductors for power supplies. PMM products make adapters and chargers smaller, lighter and more efficient. PMM also develops key components for mobile devices, for example silicon microphones based on MEMS (micro-electro-mechanical systems). These particularly powerful microphones deliver a higher level of sound quality when making calls in a noisy environment. MEMS is also becoming more widely used in the growing market for voice-controlled devices. When combined with radar technology, the speaker's location in the room can be detected, enabling more accurate control of the device. The launch of the emerging 5G standard will further boost demand for PMM cellular infrastructure components. PMM also specializes in products for harsh environments, providing extremely high-reliability semiconductor components for aviation, aerospace, oil and gas exploration, and subsea telecommunications applications.



Chip Card & Security

Chip Card & Security (CCS) addresses the need for reliable, fit-for-purpose and easy-to-use security solutions in an increasingly connected world. The Internet of Things (IoT), which enables communication and data exchange among people, electronic devices and infrastructure, is paving the way for new, user-centric services. These services hinge on reliable digital identification of users and devices, which is why data and IT security are number-one priorities at all critical IoT edge points. This applies across the full spectrum from conventional smart card and ID applications such as SIM and payment cards to embedded controllers in security applications. Examples of this include the eCall system for contacting emergency services, which is due to become mandatory in the EU in all new vehicles from March 2018 onwards. Hardware-based security components protect electric systems by ensuring that only authorized devices can connect. As a leader in security technologies with 30 years of experience and in-depth system competence, our expertise extends along the entire value chain – from consulting and design to system integration and complementary services.

Facts & figures

37,479

employees worldwide
as of September 30, 2017

7,063

revenue in the 2017 fiscal year
in EUR million

3,839



Americas

15,644



Europe,
Africa

17,996



Asia-Pacific
(incl. Japan)

2,989

Automotive

1,206

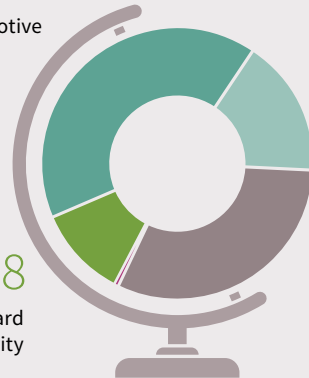
Industrial Power
Control

708

Chip Card
& Security

2,148

Power
Management
& Multimarket



12

Other operating segments,
corporate and eliminations

Market shares

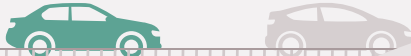
10.7%

market share*

Automotive electronics

Number 2 in automotive semiconductors

Source: Strategy Analytics, April 2017



18.5%

market share*

Industrial electronics

Number 1 in the total market for discrete power semiconductors and modules 14 years in a row

Source: IHS Markit, Technology Group**



33.5%

market share*

Mobile devices

Number 2 in MEMS-based silicon microphone dies (by units)

Source: IHS Markit, Technology Group**



24.8%

market share*

Security

Number 1 in microcontroller-based chip card ICs

Source: IHS Markit, Technology Group**



* Calendar year 2016

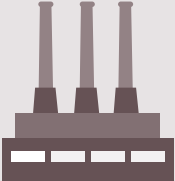
** Information based on IHS Markit, Technology Group, "Power Semiconductor Annual Market Share Report", August 2017; "MEMS & Sensors Intelligence Service", October 2017; and "Smart Card Semiconductors Report", July 2017. Information is not an endorsement of Infineon Technologies AG. Any reliance on these results is at the third party's own risk. Visit www.technology.ihs.com for more details.

Corporate social responsibility

CO₂ footprint

Around
58.2
million tons of
CO₂ equivalent

Around
1.4
million tons of
CO₂ equivalent



CO₂ burden ¹

Ratio around 1:41

CO₂ savings ²

Net ecological benefit: CO₂ emissions reduction in excess of 56 million tons

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: 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), our energy management system is also certified according to ISO 50001.

Corporate citizenship activities: At Infineon, our corporate citizenship activities are centered on voluntary commitment to 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 Purchasing.

Occupational health and safety: Our OHS management system is certified in accordance with OHSAS 18001.

Human resources management and human rights: Our Business Conduct Guidelines reflect our voluntary commitment to comply with international human rights principles.

For further information on our CSR strategy, visit: www.infineon.com/sustainability

¹ This figure considers manufacturing, transportation, company cars, flights, raw materials and supplies, chemicals, water/wastewater, direct emissions, energy consumption, waste, etc. and is based on internally collected data and externally available conversion factors. All data relates to the 2017 fiscal year.

² This figure relates to the 2016 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. CO₂ savings are calculated on the basis of the potential savings resulting from technologies in which semiconductors are used. The CO₂ savings are allocated on the basis of Infineon market share, semiconductor content and lifetime of the technologies concerned, based on internal and external experts' estimations. Despite the fact that precise CO₂ footprint calculations are subject to uncertainty due to the complex issues involved, the results are nevertheless clear.

Infineon Technologies AG

81726 Munich
Germany

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