



# Infineon at a glance 2016

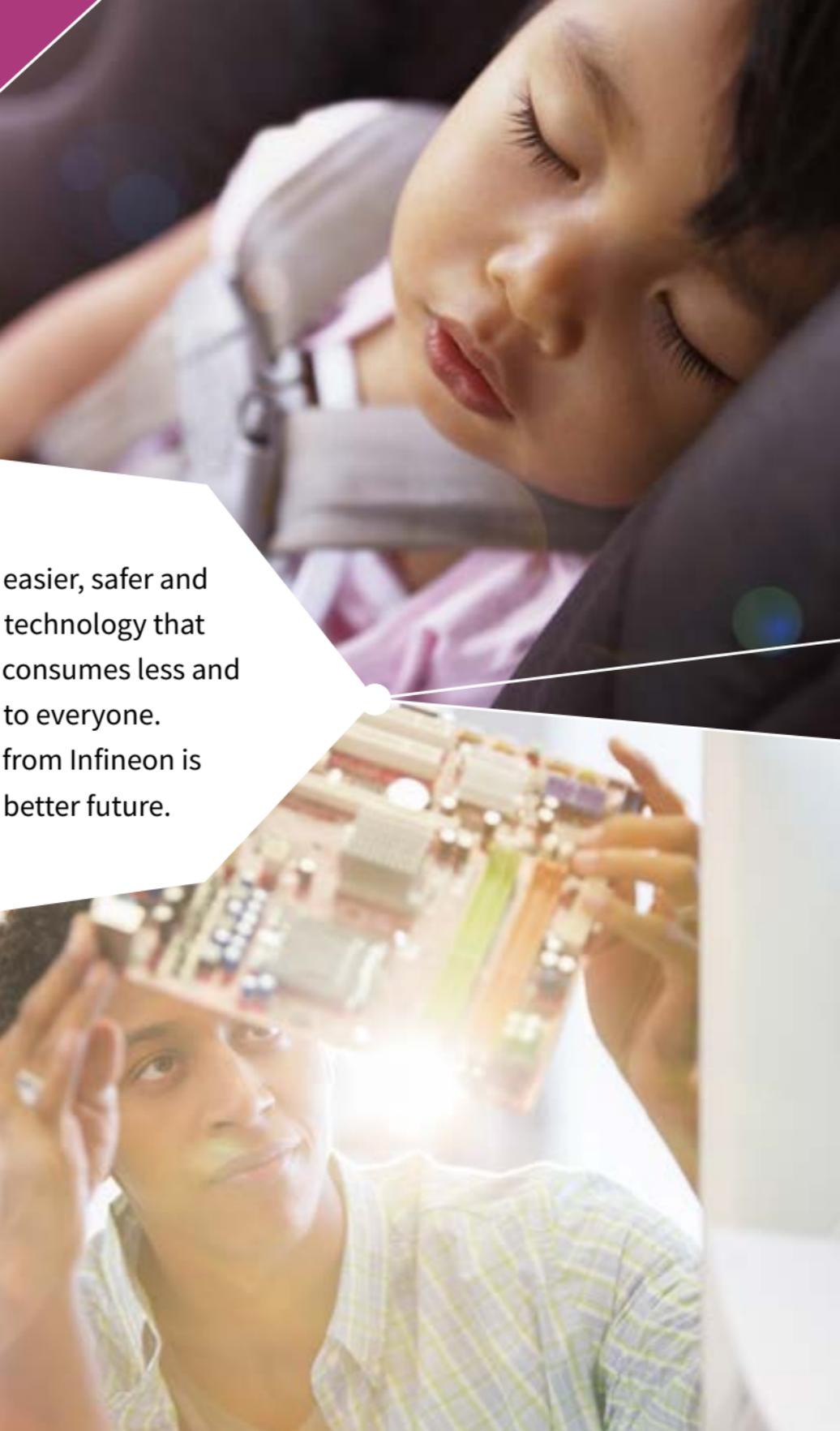
[www.infineon.com](http://www.infineon.com)





We make life  
greener – with  
achieves more,  
is accessible  
Microelectronics  
the key to a

Part of your life.  
Part of tomorrow.



easier, safer and  
technology that  
consumes less and  
to everyone.  
from Infineon is  
better future.

# We shape the future

For an easier, safer and greener world

Our society faces a number of challenges: The world's population is growing rapidly and more and more megacities are emerging. Demand for energy continues to spiral across the globe. At the same time, the rising need for climate mitigation calls for new solutions in many areas of everyday life.

At Infineon, we make the world easier, safer and greener. Barely visible, semiconductors have become an indispensable part of our daily lives. Chips from Infineon play an essential role wherever energy is generated, transmitted and used efficiently. They safeguard data communication, reduce harmful emissions produced by cars and are paving the way for driverless vehicles.

### **We make life easier**

Infineon's semiconductors make day-to-day life easier, increasing car comfort, smartifying lighting systems and innovating mobile communications. Thanks to our technologies, smartphones and tablets have increasingly compact and lighter chargers, shorter charging cycles and longer life of battery.

### **We make life safer**

Our online activities, electronic documents and any connected "things" need to be protected against misuse. Infineon security solutions use innovative encryption technologies to support safeguarding of our identities and valuable data. We also help make our roads safer – through solutions that support drivers more effectively and allow vehicles to react automatically in hazardous situations. In addition, our solutions make premium-class automotive safety systems affordable in the mid-range and compact classes.

### **We make life greener**

Our world needs more and more energy. Which is why, in future, we will have to produce, transmit and use energy more effectively. Our semiconductors are used to efficiently 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 create solutions for the world of today and tomorrow.



## 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 semiconductor solutions for a wide range of applications in combustion engine cars as well as in hybrid and electric vehicles. Power semiconductors significantly boost drive efficiency, which, in turn, reduces emissions. Microcontrollers and sensors developed by ATV are used in advanced driver assistance systems (ADAS), making vehicles smarter and safer on the road. In the connected car of the future, our security microcontrollers will help protect sensitive data.



## **Industrial Power Control**

Industrial Power Control (IPC) specializes in the conversion of electric energy in 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, traction, wind and photo-voltaic power systems, and major home appliances.



### **Power Management & Multimarket**

The Power Management & Multimarket (PMM) portfolio is very diverse. One of PMM's core areas of expertise is power semi-conductors for power supplies. PMM products make adapters and chargers smaller, lighter and more efficient. PMM also develops components for mobile devices, where sensors are becoming increasingly important. We are capitalizing on this trend with our MEMS-based (micro-electromechanical systems) and radar-based technologies. Launch of the emerging 5G standard will further boost demand for our cellular infrastructure components. In addition, PMM specializes in products for harsh environments, providing extremely high-reliability semiconductor components for aviation, aerospace, oil and gas exploration and subsea telecommunications applications.



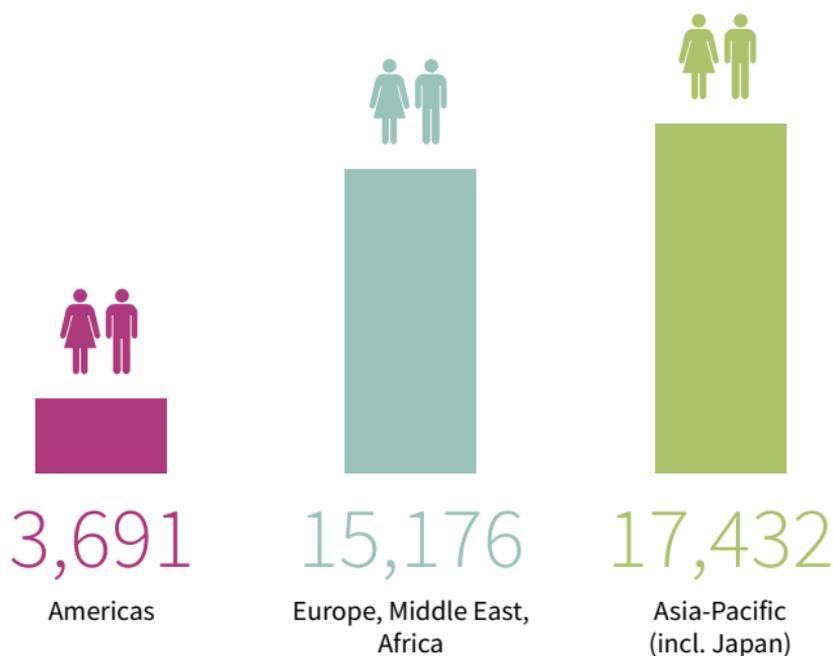
### **Chip Card & Security**

Chip Card & Security (CCS) addresses the need for security in an increasingly connected world where securing interaction and communication among people, electronic devices and infrastructure has become a number one priority. As a leading provider of security technologies, CCS offers tailored and ready-to-use customer-oriented security solutions. We address established smart card and ID applications as well as new, emerging applications in the area of Internet of Things and embedded solutions. Our proven security expertise and technology innovation is built on 30 years of experience and system competence. A broad security portfolio makes us the partner of choice for today's and tomorrow's security challenges.

# Facts & figures

# 36,299

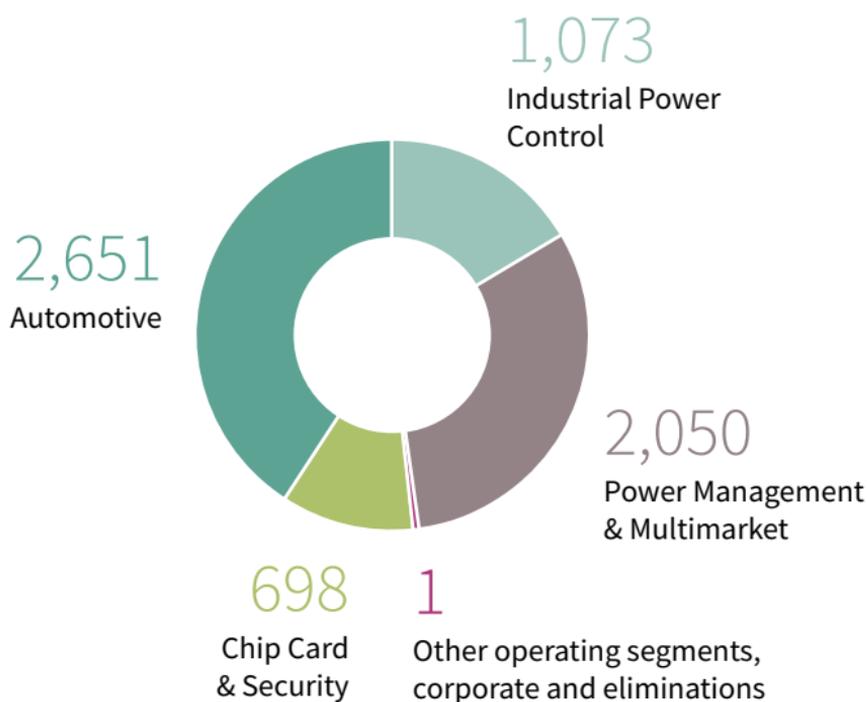
employees worldwide  
as of September 30, 2016



# Revenue by segment

6,473

revenue in the 2016 fiscal year  
in EUR million



# Market



## Automotive electronics

Number 2 in automotive semiconductors

Source: Strategy Analytics, April 2016



## Cellular infrastructure

Number 3 in radio-frequency power transistors

Source: ABI Research, July 2016

# shares



## Industrial electronics

Number 1 in the total market for discrete power semiconductors and modules 13 years in a row

Source: IHS Markit, October 2016



## Security

Number 2 in microcontroller-based chip card ICs

Source: IHS Markit, July 2016

\*2015 calendar year

# Corporate social resp

At Infineon, we align our corporate social responsibility (CSR) strategy with the principles of the UN Global Compact, where Infineon has been a participant 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.

## CO<sub>2</sub> footprint



Around  
**1.8**  
million tons  
CO<sub>2</sub> equivalents

CO<sub>2</sub> burden <sup>1</sup>

Ratio around 1:30



Around  
**52.4**  
million tons  
CO<sub>2</sub> equivalents

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

Net ecological benefit: CO<sub>2</sub> emissions reduction of around 50 million tons

# onsibility at Infineon

**Corporate citizenship activities:** At Infineon, our corporate citizenship activities are centered on voluntary commitment to the communities in which we operate.

**CSR supply chain management:** Our suppliers have to comply with our Business Conduct Guidelines and our Principles of Purchasing.

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

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

For further information on our CSR strategy and programs, visit: [www.infineon.com/sustainability](http://www.infineon.com/sustainability)

<sup>1</sup> This figure considers manufacturing, transportation, function cars, flights, materials, chemicals, water/wastewater, direct emissions, energy consumption, waste, etc. and is based on internally collected data and externally available conversion factors. All data relate to the 2016 fiscal year.

<sup>2</sup> The figure relates to the calendar year 2015 and considers the following fields of application: automotive, LED, PC power supply, renewable energy (wind, photovoltaic), drives as well as induction cookers. CO<sub>2</sub> savings are calculated on the basis of potential savings of technologies in which semiconductors are used. The CO<sub>2</sub> 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 CO<sub>2</sub> footprint calculations are subject to imprecision due to the complex issues involved, the results are nevertheless clear.

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Germany

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