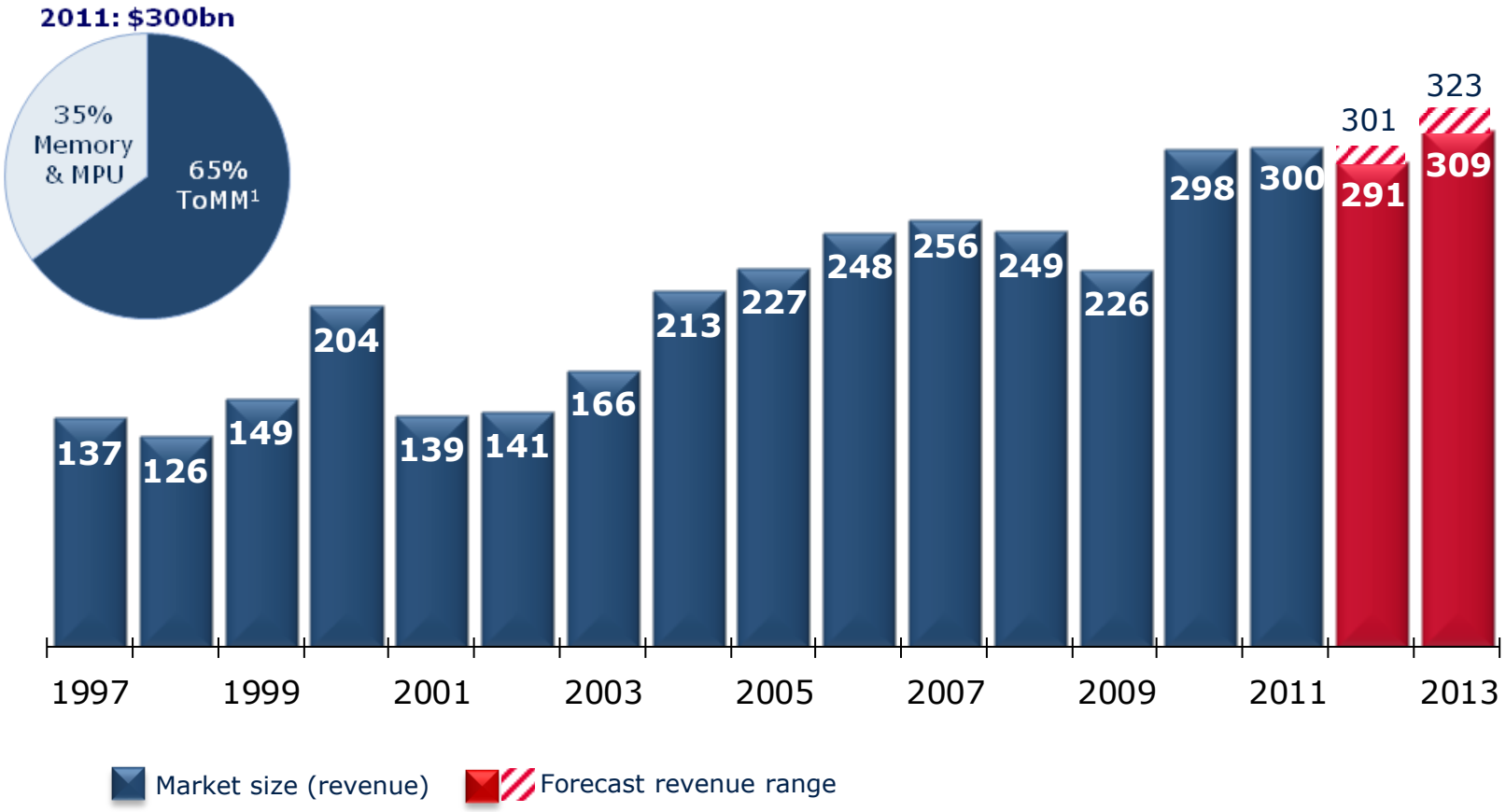
Infineon at a Glance

Innovative Semiconductor Solutions for Energy Efficiency, Mobility and Security

November 2012

Positive Growth Outlook for Global Semiconductor Market

Global Semiconductor Market in Billion US-Dollar



[1] ToMM: Global semiconductor market w/o Memory, w/o Microprocessor; 2/3 of the total semiconductor market are relevant for our 4 segments
Source: WSTS for historical data. Forecast: ∅ of IHS iSuppli, IC Insights, VLSI, WSTS; last update October 29, 2012

Copyright © Infineon Technologies AG 2012. All rights reserved.

Infineon at a Glance

The Company

- Infineon provides semiconductor and system solutions, focusing on three central needs of our modern society: Energy Efficiency, Mobility and Security
- Revenue in FY 2012: 3.904 billion EUR
- 26,658 employees worldwide (as of September 2012)
- Strong technology portfolio with more than 17,250 patents and patent applications (as of Sept. 2012)
- More than 20 R&D locations
- Germany's largest and Europe's second largest semiconductor company

Copyright © Infineon Technologies AG 2012. All rights reserved.

Revenue Split by Segments

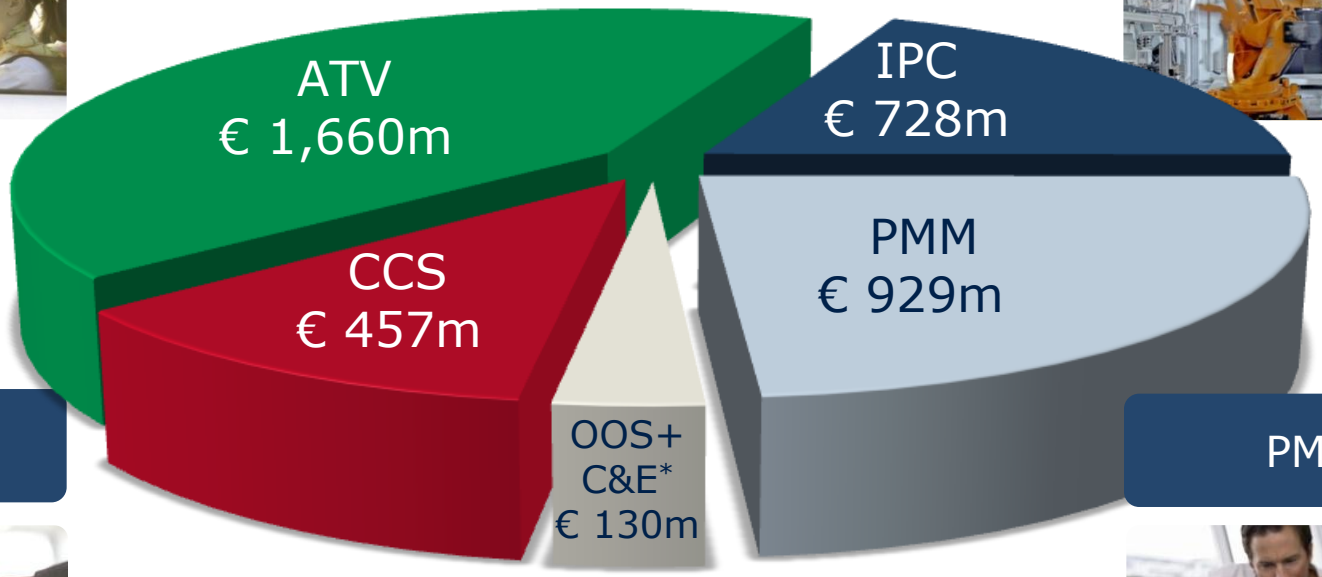
FY 2012 revenue: € 3,904m

Automotive



IPC





Chip Card & Security



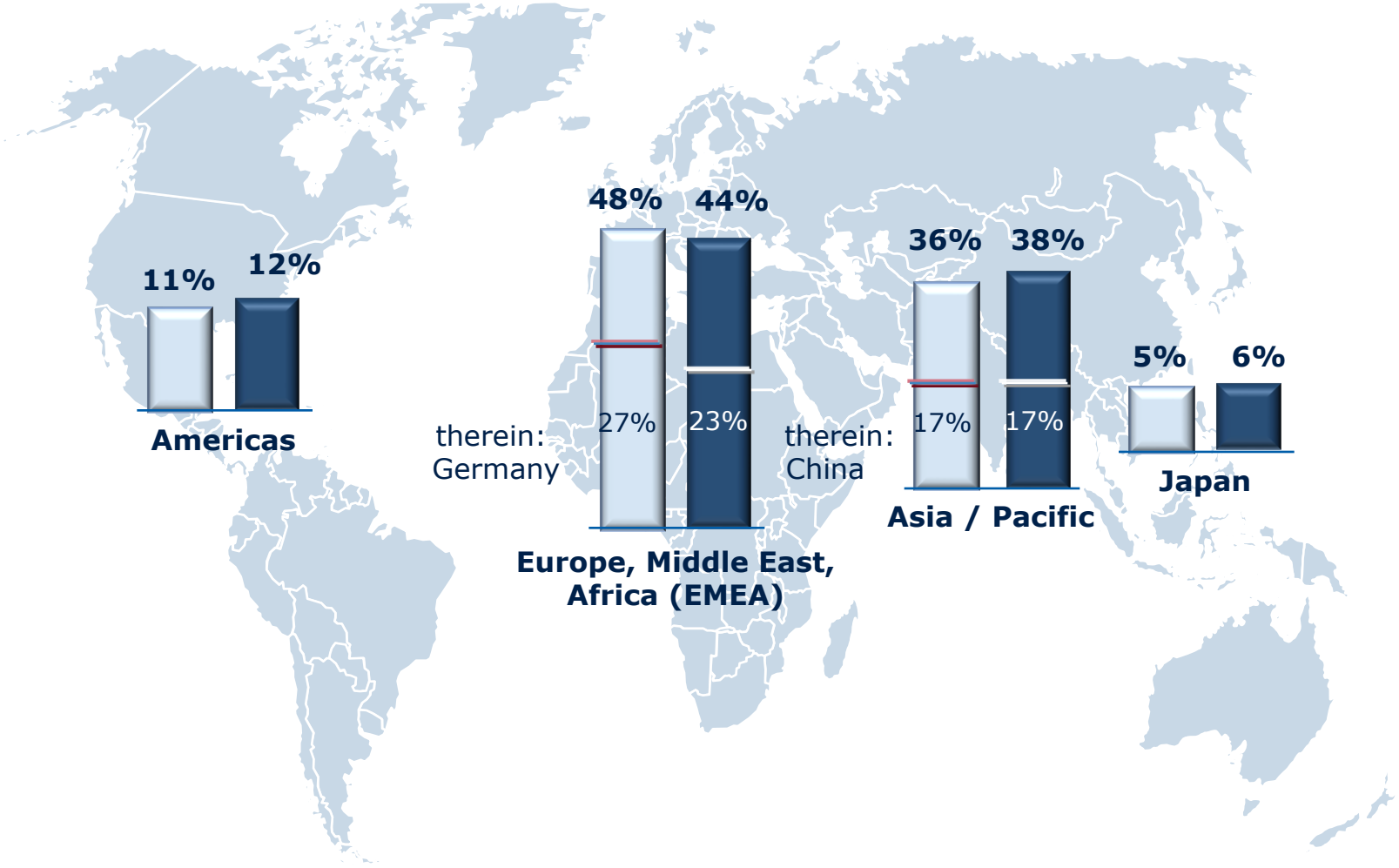
PMM



* Other Operating Segments; Corporate & Eliminations.

Copyright © Infineon Technologies AG 2012. All rights reserved.

Proportional Revenue Infineon Group by Regions FY 2012 and FY 2011

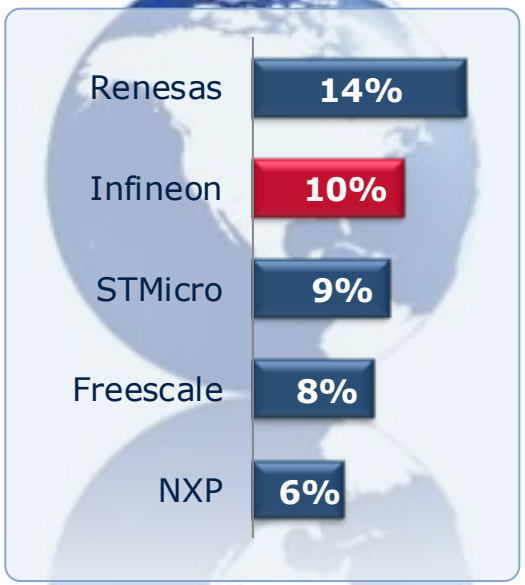


Copyright © Infineon Technologies AG 2012. All rights reserved.

Infineon Holds Top Positions in All Target Markets

Automotive

#2

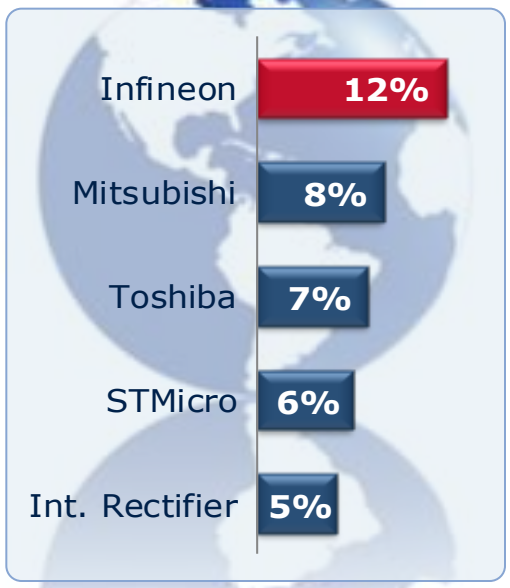


Calendar Year 2011

Source: Strategy Analytics, April 2012.

Power

#1

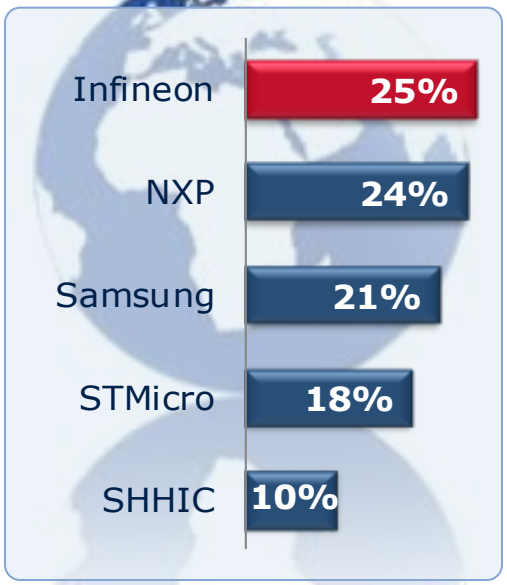


Calendar Year 2011

Source: IMS Research (an IHS company), July 2012.

Chip Card

#1



Calendar Year 2011

Source: IMS Research (an IHS company), August 2012.

Copyright © Infineon Technologies AG 2012. All rights reserved.

We Focus on Three Areas with Highly Attractive Future Perspectives

Energy Efficiency



Mobility



Security



Automotive

Industrial Power Control

Power Management & Multimarket

Chip Card & Security

Copyright © Infineon Technologies AG 2012. All rights reserved.

Energy Efficiency



Key trends

- Soaring total energy demand across the globe amid dwindling fossil energy resources
- Strong CO_2 policies to achieve climate goals
- Tapping renewable energies as sustainable energy sources
- Electrification of the drivetrain of commercial and passenger vehicles

Our contribution

- Infineon delivers semiconductor innovations playing a valuable role in minimizing power loss and maximizing power savings along the entire energy supply chain, extending from generation through distribution to actual consumption.
- Our products are the basis for intelligent and optimal use of energy resources in industrial, computing and consumer applications, and in cars.

Copyright © Infineon Technologies AG 2012. All rights reserved.

Mobility



Key trends

- Rigid CO_2 regulations and rising oil price
- Increasing rules on safety, focusing on preventive measures
- Rising new requirements in cars for emerging markets
- Urbanization, globalization and demographic change
- Strong investments in local and long distance public transportation systems

Our contribution

- Leading semiconductor solutions contributing to a more sustainable mobility in terms of reduced fuel consumption/emissions, improved safety and affordability.
- As an innovation driver and supplier of key components for electric and hybrid vehicles, Infineon will actively help to shape the paradigm shift towards electro mobility on the road.
- Innovative public transportation solutions for traction and electronic tickets.

Copyright © Infineon Technologies AG 2012. All rights reserved.

Security



Key trends

- Secure communication everywhere utilizing mobile phone and internet
- Move to electronic identification of documents and products
- Contactless cards for payment and electronic tickets
- Increased electronics in cars, calling for secure data handling
- Introduction of smart grids calling for advanced data security

Our contribution

- Tailored security according to system requirements, enabling the implementation of transparent security in everyday systems.
- Leverage our worldwide leadership in security know-how for smart cards in automotive and industrial applications increasingly demanding security.
- Combining both hardware security and cryptography, our products build the basis for privacy and security while maintaining personal freedom and facilitating extended communication capabilities.

Copyright © Infineon Technologies AG 2012. All rights reserved.

Product Range



Automotive (ATV)

- Microcontrollers (8-bit, 16-bit, 32-bit)
- Magnetic sensors
- Barometric pressure sensors
- Wireless transmit and receive ICs (RF, radar)
- Discrete power semiconductors (MOSFETs, IGBTs)
- Power ICs (voltage regulators, drivers, interface devices)
- IGBT modules



Industrial Power Control (IPC)

- IGBT module solutions incl. IGBT stacks
- IGBT modules
- Discrete IGBTs
- „bare die" business
- Driver ICs
- Bipolar devices (thyristors, diodes)



Power Management & Multimarket (PMM)

- Discrete high-voltage power transistors
- Discrete low-voltage power transistors
- Driver ICs
- Control ICs
- RF power amplifiers
- Small-signal components
- Silicon MEMS microphones
- Customized chips



Chip Card & Security (CCS)

- Contact-based security controller
- Contactless security controller
- Dual-interface security controller (contact-based and contactless)

Copyright © Infineon Technologies AG 2012. All rights reserved.

Tight Customer Relationships are Based on System Know-How and App Understanding

ATV

Autoliv
HELLA
BOSCH
Continental
DELPHI
DENSO
LEAR CORPORATION
HYUNDAI
TRW
Valeo

IPC

ABB
ALSTOM
BOMBARDIER
ENERCON ENERGY FOR THE WORLD
Rockwell Automation
Schneider Electric
SEMIKRON innovation+service
SMA
SIEMENS
YASKAWA

PMM

DELL
DELTA
EMERSON
ERICSSON TAKING YOU FORWARD
hp
LG Life's Good
Microsoft
power-one Changing the Shape of Power
SAMSUNG

CCS

hp
gemalto security to be free
OBERTHUR TECHNOLOGIES
SAFRAN Morpho
Watchdata

Distributors

ARROW
AVNET
北京晶川电子技术发展有限责任公司 Beijing Jingchuan Electronic Technology Development Co.,Ltd
RUTRONIK ELECTRONICS WORLDWIDE

Copyright © Infineon Technologies AG 2012. All rights reserved.

ENERGY EFFICIENCY
MOBILITY
SECURITY

Innovative semiconductor solutions for energy efficiency, mobility and security.



