Exane BNP Paribas 18th European CEO Conference

Paris, 15 June 2016

Dominik Asam, CFO





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Disclaimer:

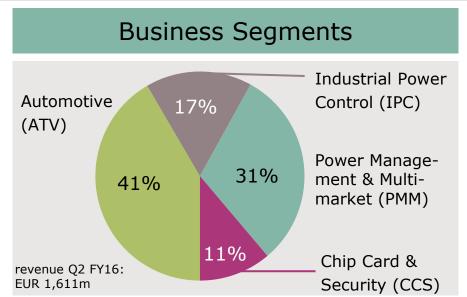
This presentation contains forward-looking statements about the business, financial condition and earnings performance of the Infineon Group.

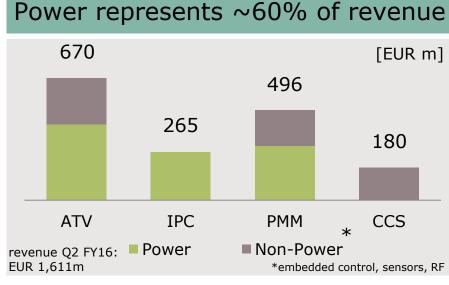
These statements are based on assumptions and projections resting upon currently available information and present estimates. They are subject to a multitude of uncertainties and risks. Actual business development may therefore differ materially from what has been expected.

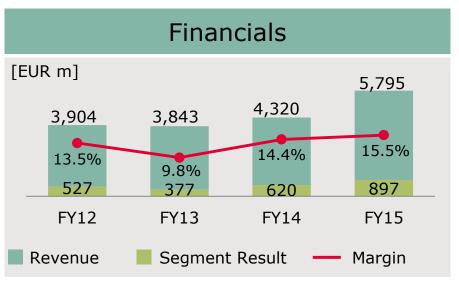
Beyond disclosure requirements stipulated by law, Infineon does not undertake any obligation to update forward-looking statements.



Infineon at a glance









Technology leadership and system understanding fosters growth and profitability



Competitive advantages

System leader in Automotive

#1, system and technology leader in Power

Leader in Security Solutions

Average-cycle financial targets

Revenue Growth:

~8%

Segment Result Margin:

~15%

Investment-to-Sales:

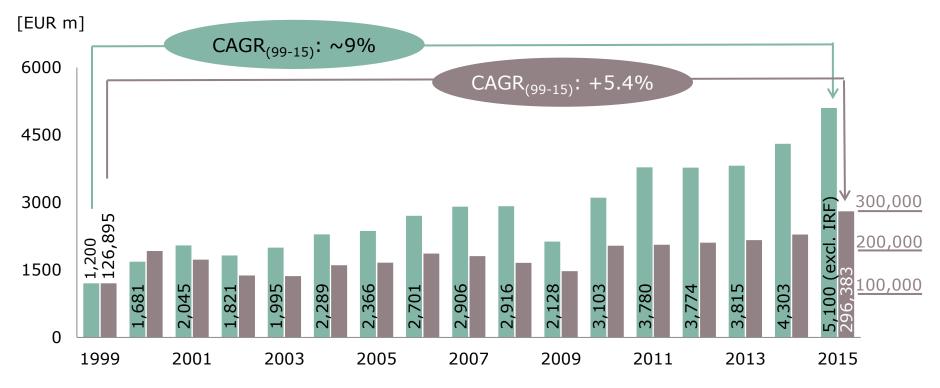
~13%

(Capex*: ~11%; capital. R&D*: ~2%)

* Infineon reports under IRFS

Infineon's organic revenue growth (excl. IRF) continuously outperformed total semi market



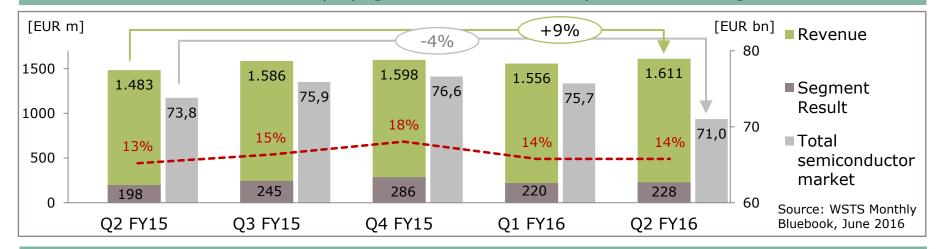


- Revenue Infineon* [lhs]
- Semiconductor World Market (adjusted for the Infineon fiscal year ending Sep 30) [rhs]
- * Based on Infineon's portfolio (excl. OOS and C&E) per end of 2015 fiscal year. Source: Infineon; WSTS (World Semiconductor Trade Statistics), November 2015

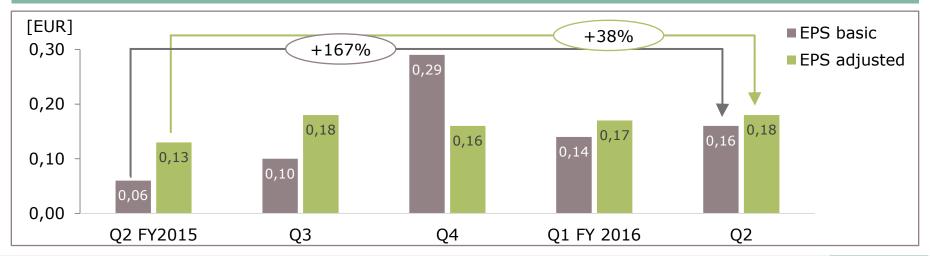
Our promise to investors: Continued value creation through growth (I)



Q2 FY16 revenue yoy growth ~9%, despite shrinking market



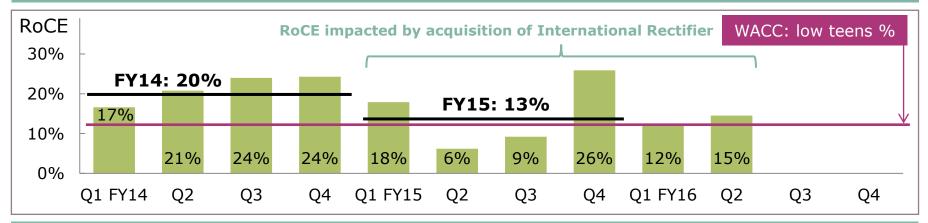
EPS growth



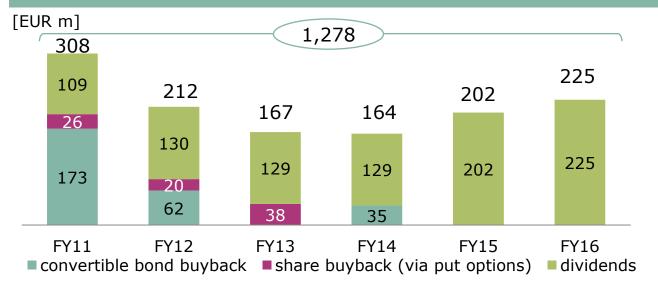
Our promise to investors: Continued value creation through growth (II)



RoCE as key value metric



Total cash return to shareholders



- Policy of sustainable dividend payout.
- Increase of dividend from €0.18 to €0.20.
- Payout of €225m on 19 Feb 2016.



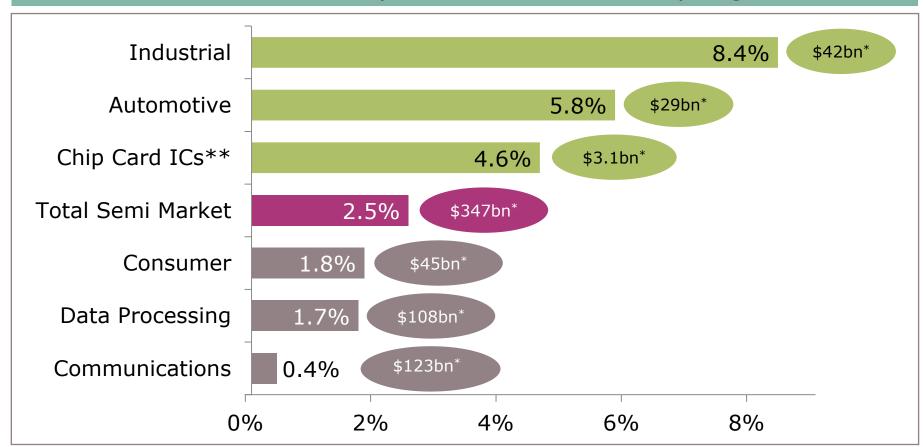
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Infineon focuses on fastest growing segments: industrial, automotive and security



CAGR 2015 – 2020 by Semiconductor Industry Segment



Source: IHS Inc., Worldwide Semiconductor Shipment Forecast, April 2016

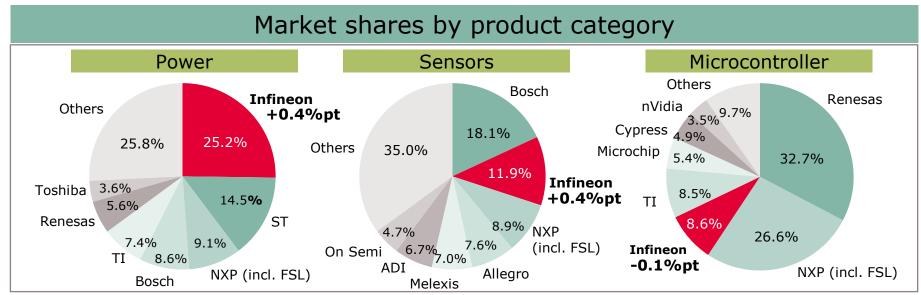
^{*} In calendar year 2015

^{**} CAGR 2015 - 2019; Source: IHS, "Smart Cards Semiconductors", August 2015

System leadership with most balanced portfolio in the market



	Global market shares									
		2014	Delta	2015						
1	NXP (incl. FSL)	13.3%	+0.9%	14.2%						
2	Infineon	10.5%	-0.1%	10.4%						
3	Renesas	12.0%	-1.7%	10.3%						
4	STMicro	7.8%	-0.1%	7.7%						
5	TI	6.1%	+0.9%	7.0%						
6	Bosch	6.2%	-0.8%	5.4%						



Source: Strategy Analytics, Vendor Ranking 2015 April 2016 (for company revenue 2015 & 2014)

Megatrends ADAS/autonomous driving and xEV significantly driving semi content per car



ADAS/Autonomous driving

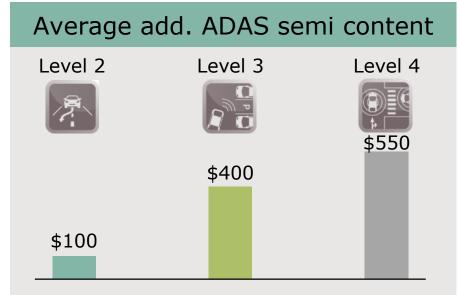
- From ADAS to semi-automated and finally autonomous driving
- Every world region is striving for "0accident"

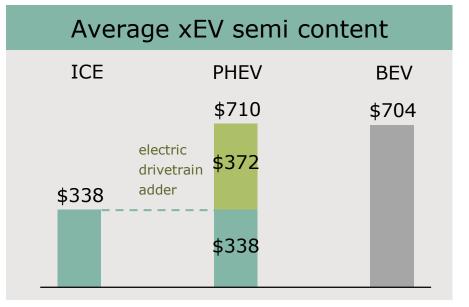


xEV/eMobility

 Mandated CO₂ reductions make electrification of powertrain inevitable

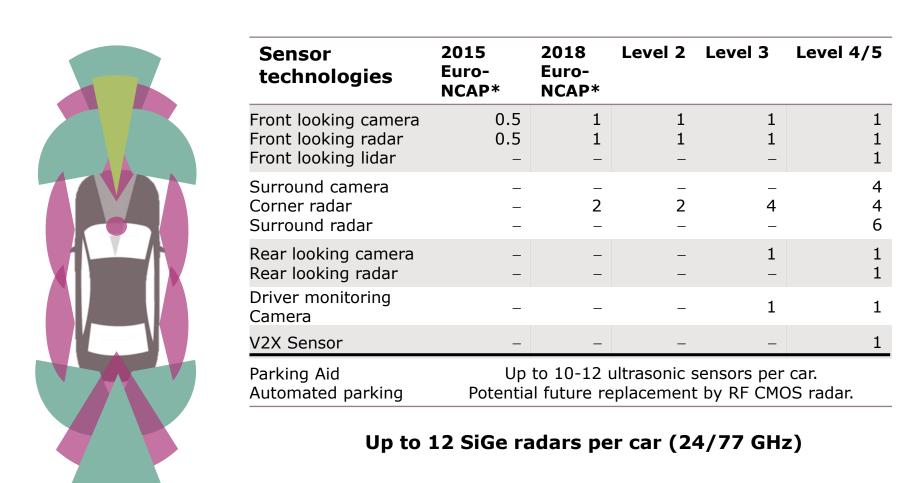






More sensors required for each automation level – sensor "cocoon" in level 4 and 5



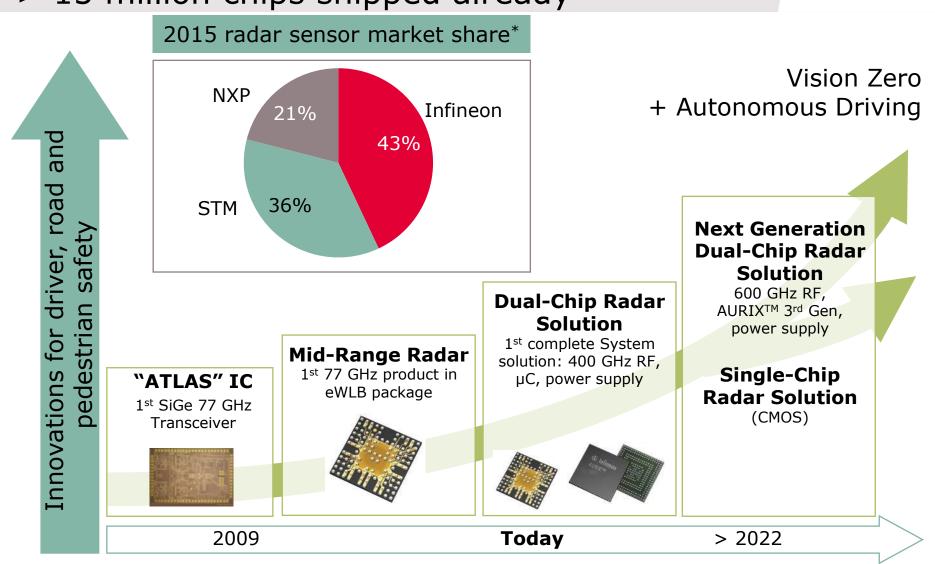


Radar Camera Lidar

^{*} Euro-NCAP is focusing on collision avoidance, requirements are changing over time

Infineon is the market leader in radar, > 15 million chips shipped already





^{*} Source: IHS Inc., "Advanced Driver Assistance Applications Sensor Market Database – H2 2015", February 2016

Infineon with the most complete ADAS portfolio on the market



P €	portfolio / roadmap not addressed	Sensor	Sensor Data Processing	Safe & Secure Processor	Safe Power Supply		Radar Courtesy: Bosch	Camera	Driver Monitoring Courtesy: Kostal	Sensor Fusion Courtesy: Audi	Powertrain, Braking, Power Steering	
CAMERA	Driver Monitoring Front Rear	√ 33 33	33	✓	✓ ✓	> >	AURIX™ 32	-bit μC for single	ership with KOSTA function camera pr & secure hub", full f	rocessing	SW integration – up	
RADAR	77GHz 24 GHz RF CMOS	✓	√		✓	>	 market leader in radar with most complete product portfolio: 24 GHz (in prod.), 77 GHz (in prod.), RF CMOS (cooperation with IMEC on 79 GHz) > >15 million chips shipped already AURIX™ 32-bit μC 					
LIDAR 🍪 tbd. 🗸			>	AURIX™ 32-bit μC								
	SENSOR FUSION		33	\	/	>	AURIX™ 32-bit µC as ADAS reference for safety computing platform				g platform	
ACTUATORS		√	n.a.	√	√	>		<u>-</u>	ain and electric pontent on fail safe	_	stems	

EV/HEV: Infineon is well positioned globally to benefit over-proportionally from xEV boom



Drivers, bare die, IGBT, MOSFET, modules





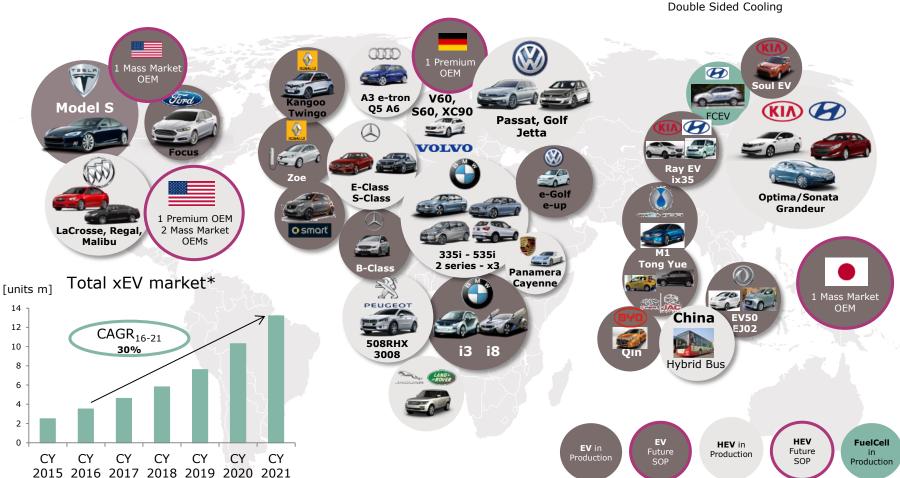








New! 25% higher inverter efficiency



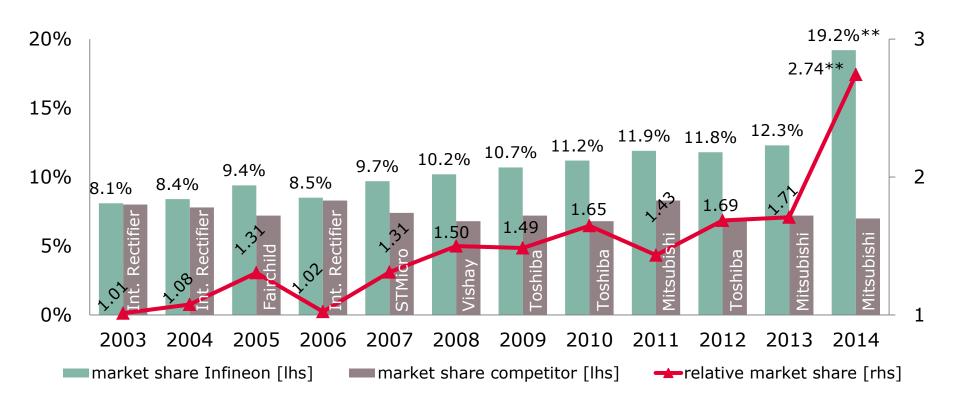
^{*}Source: IHS, "Alternative Propulsion Forecast", Jan 2016 (includes BEV, PHEV, HEV, mild-hybrids)

SOP = Start of Production

Infineon continuously strengthened #1 position in power semiconductors



Development of Infineon's market share and relative market share* in the total power semiconductor market



^{*} The relative market share is defined as the proportion of the market share held by the market leader (in all years presented for Infineon) compared to the market share of the second largest competitor in the relevant year.

Source: IHS Inc., several reports from 2004 through 2015

^{**} Including International Rectifier.

Strong #1 position in power allows driving of key areas of differentiation & innovation



Unique 300 mm thin wafer power semiconductor manufacturing

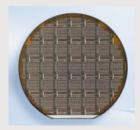
- frontend production cost per unit 20-30% cheaper than on 200 mm
- capital intensity is 30% lower than on 200 mm
- 300 mm is planned to reach cost cross-over versus 200 mm by end of 2017





Compound semiconductors GaN and SiC

- compound semiconductors allow faster switching and reduced losses versus silicon leading to smaller footprint and lower system cost
- #1 in SiC diodes since 2001
- SiC MOSFET sampling soon
- strongest IP portfolio and know-how in GaN



Digitalization of the power control loop

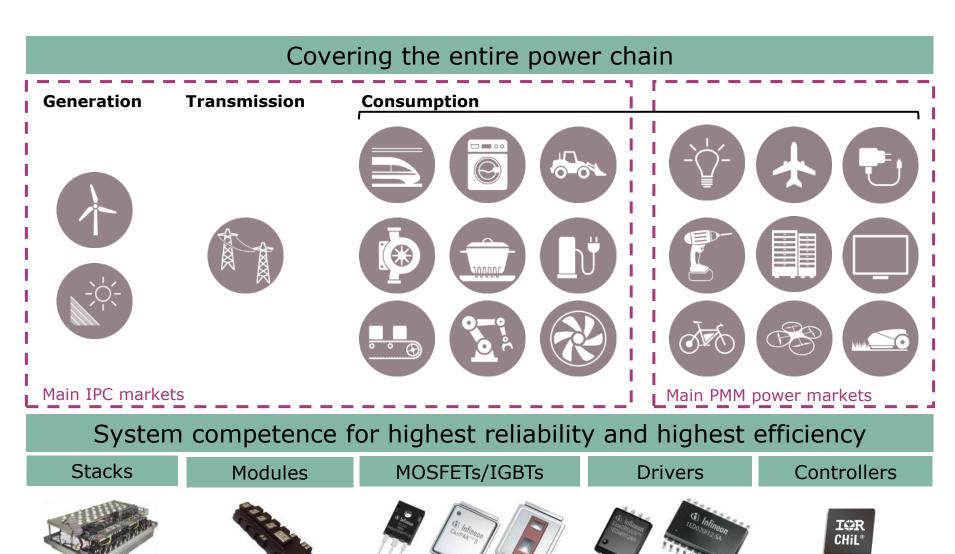
- digitalization of control loop of MOSFET-based AC-DC and DC-DC converters
- complete offering of power IC, driver, MOSFET and optimized packages
- appropriate solutions based on load and efficiency requirements:
 - AC-DC: charger, LED power supply
 - DC-DC: server, datacom, base stations, games consoles, graphics boards

Functional integration of IGBT modules

- paradigm shift: integration of add. components in IGBT modules: sensors, μC, security ICs, I/Os
- leads to new functionalities impossible with externally attached components: remote maintenance, early identification of failure, authentication of original parts
- launch of new intelligent power module MIPAQ™ Pro at 2015 PCIM tradeshow

As system leader in power, Infineon has broadest application and technology reach





Efficiency and digitalization are main market drivers for power applications



IPC PMM

Drives

Renewables



MHA

AC-DC















- Energy efficiency
- Automation
- Productivity increase
- Legislation
- Growing share of renewable energies as part of the energy generation mix
- Growing population in metropolitan areas
- Fast and efficient mass transport system

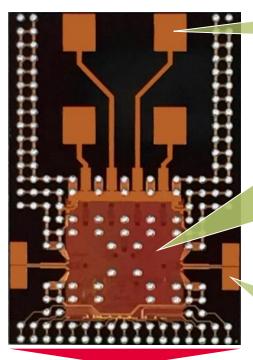
- efficiency
- Growing VSD penetration
- Energy efficiency
- Charging time
- Compactness (power density)
- Digital Power Management

- Energy efficiency
- Compactness (power density)
- Digital Power Management
- BrushlessDC motors

MHA = Major Home Appliances VSD = Variable Speed Drive

Sensors drive multimarket segment in PMM: 60 GHz radar transceiver for gesture sensing





4 receive antennas

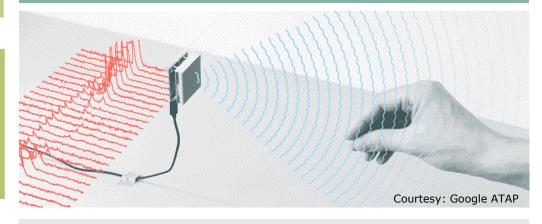
RF frontend, baseband, ADC, state machine, memory

2 transmit antennas





Presented at "Google I/O 2016"*



- 1.8 V for the complete chip set
- > 54 mW power consumption in sensing mode
- > supports > 1,000 frames per second



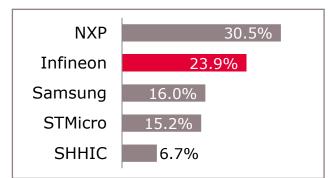


* See YouTube: https://www.youtube.com/watch?v=8LO59eN9om4

CCS to grow faster than the market as leader in security solutions with broadest portfolio

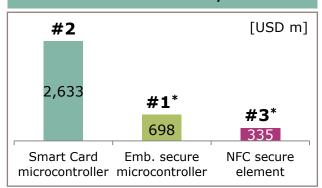


Smart Card ICs total market in 2014: \$2.63bn



Microcontroller-based smart card ICs. Source: IHS Inc., July 2015

Infineon holds leading positions in all relevant security markets



Source: IHS Inc., May, July, Dec 2015
* based on units; USD-ranking not provided

Payment



- Transition to chip-based payment cards in China and the US led to revenue jump
- Growth of mobile payment
- Infineon is very well positioned in contact based payment cards in US

Government Identification



- Adoption of electronic governmental documents (national ID cards, passports, health cards, etc.)
- Emergence of multiapplication cards
- 150 succesful ID projects,
 75% of national eID projects in Europe

IoT Security



- Rise of smart homes, connected cars, automated industries etc.
- Increasing need for IT security
- Growth of M2M communication
- Authentication
- CCS cooperates closely with other Infineon segments

High-end Mobile Communications



- Greater adoption of NFC technologies for mobile payment and other applications
- In addition to SIM cards Infineon offers secure elements embedded in phones and in Micro SD cards

Most recent design-wins underline Infineon's #1 position* in embedded digital security

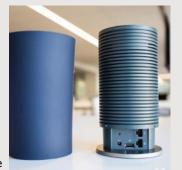


Most recent design-wins for OPTIGA™ family products

- notebooks, e.g. Lenovo ThinkPad
- USB memory cable
- server
- > tablets, e.g. Microsoft Surface Pro 4
- 3D glasses
- > IT management platform, e.g. Huawei
- motorcycle controller
- arcade gaming machines
- > smart home hub, e.g. Google OnHub







Courtesy: Google

Infineon is market leader in embedded secure microcontrollers with 31% market share (ranking based on units). Source: IHS Inc., "Embedded Digital Security Report", January 2016

Infineon's long-term growth is based on sustainable growth drivers



ATV

Courtesy: BMW Group

- CO₂ reduction
- Advanced Driver Assistance Systems

IPC



- Energy efficiency
- Automation
- Productivity increase

PMM



- Energy efficiency
- Power density
- BLDC motors
- Mobile device and LTE growth

CCS



- Security as a function
- Mobile payments
- Authentication
- Internet of Things

~8% p.a. through-cycle growth



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Infineon's value proposition

- Creation of shareholder value is a key target for Infineon (key metric: RoCE)
- Infineon outgrew the market organically in the past 16 years
- Infineon holds leading positions in all of its target markets
- Technology leadership, system understanding and innovation continue to foster growth and profitability
- Infineon is excellently positioned in the top growth applications of today: ADAS, electro-mobility, electric energy conversion, embedded security for IoT
- Infineon is more than 2.5 times bigger than the next competitor in power semiconductors which allows for parallel investments in key initiatives
- Infineon has a strong balance sheet and a balanced debt profile
- Infineon holds investment grade rating "BBB" (outlook: stable) by S&P since February 2016



Part of your life. Part of tomorrow.

