# Fourth Quarter FY 2017 Quarterly Update

Infineon Technologies AG Investor Relations





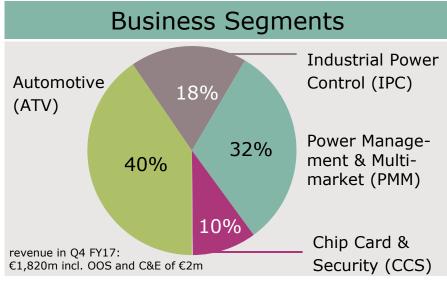
### Table of Contents

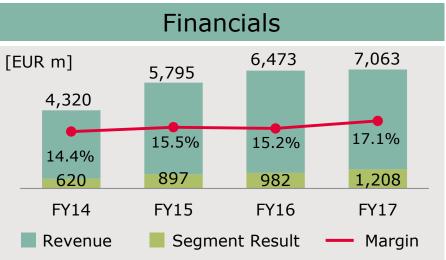
- 1 Infineon at a Glance
- 2 Quarterly Highlights
- 3 Growth Drivers
- 4 Selected financial figures

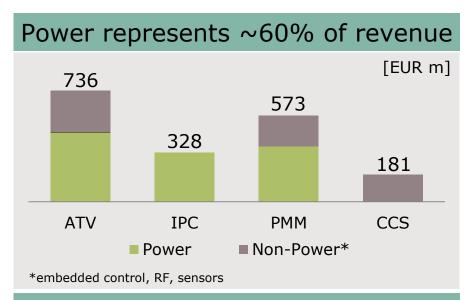
Please regard the slides "Disclaimer", "Notes" and "Glossary" at the end of the presentation.



### Infineon at a glance









# Our strategy is targeted at value creation through sustainable organic growth



Focus	Technology leadership System		em understanding	
Automotive	Power mgmt	RF and sensors	Security	
System leader in automotive	#1; system and technology leader	Broad RF and sensor technology portfolio	#1 in security solutions	

### Average-cycle financial targets

~8% p.a. revenue growth

~17%
Segment Result Margin

 $\sim 13\%$  investment-to-sales (thereof capex\*:  $\sim 11\%$ )

### Continued value creation for shareholders

Organic RoCE ~ 2x WACC

- paying out at least a constant dividend even in periods of slower growth
- continuous EPS increase

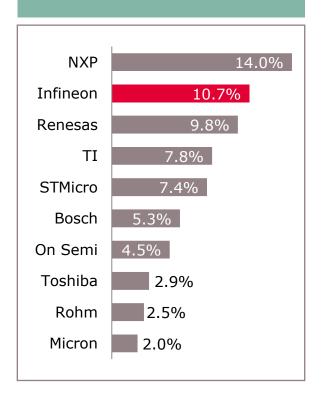
<sup>\*</sup> Infineon reports under IFRS and has therefore to capitalize development assets which represents currently ~2% of sales.

# Infineon increased relative market share in power and outperformed chip card market



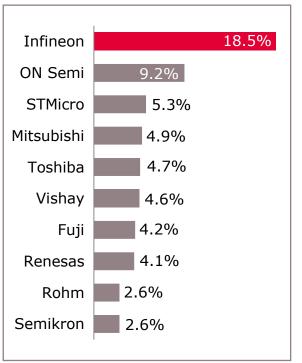
### Automotive semiconductors

total market in 2016: \$30.2bn



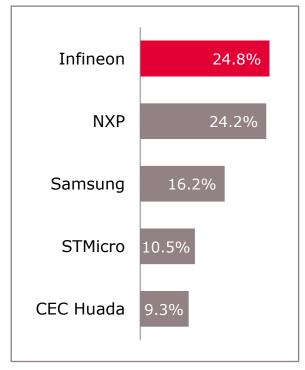
### Power discretes and modules

total market in 2016: \$15.9bn



## microcontroller-based Smart Card ICs

total market in 2016: \$2.79bn



Source: Strategy Analytics, "2016 Automotive Semiconductor Vendor Share", April 2017 Source: Based on or includes content supplied by IHS Markit, Technology Group, "Power Semiconductor Annual Market Share Report", August 2017 Source: Based on or includes content supplied by IHS Markit, Technology Group, "Smart Cards Semiconductors Report", July 2017

# Tight customer relationships are based on system know-how and app understanding



# ATV BOSCH Ontinental DELPHI DENSO HITACHI

Inspire the Next

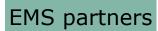
KEÎHIN

OMRON.









LEAR.

creh

Valeo









Distribution partners



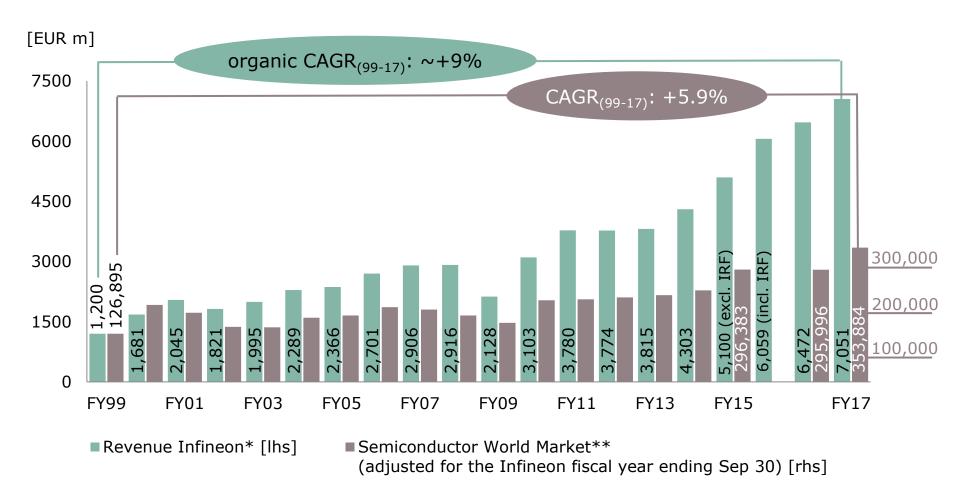






# Infineon's organic revenue development clearly outperformed total semi market



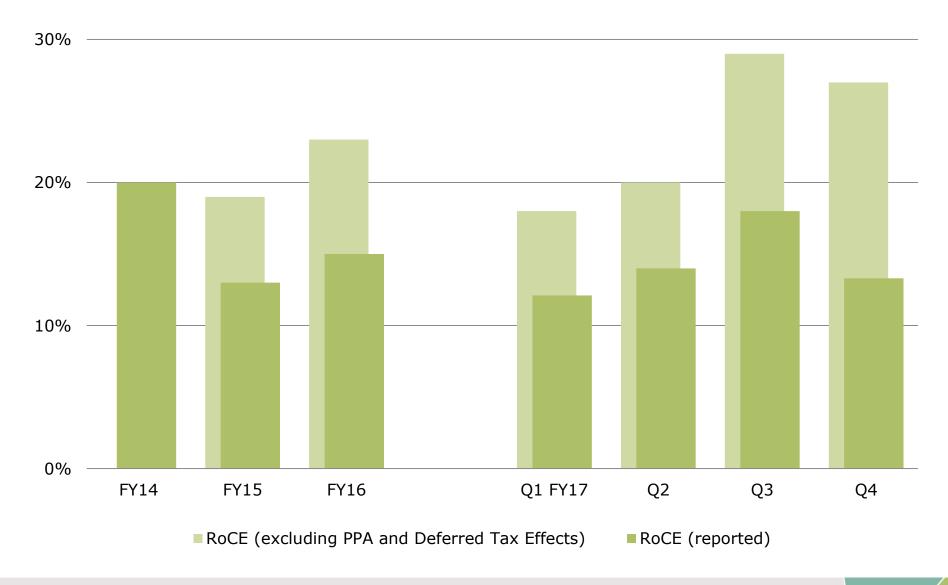


<sup>\*</sup> Based on Infineon's portfolio (excl. Other Operating Segments and Corporate & Eliminations) per end of FY17.

<sup>\*\*</sup> Source: WSTS (World Semiconductor Trade Statistics) in EUR, October 2017

# Organic RoCE as the key value metric typically amounts to ~2x WACC

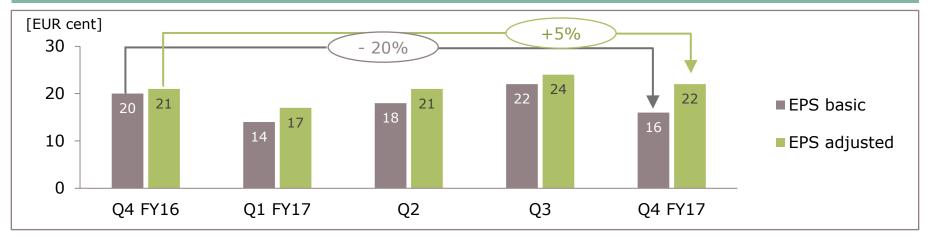




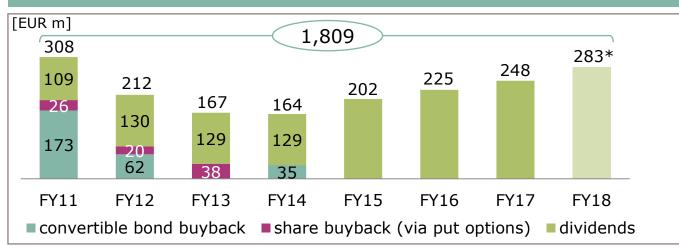
### Our commitment to investors: Continued value creation through growth



### Earnings-per-share (EPS) development



### Total cash return to shareholders



- Policy of sustainable dividend payout
- Increase of dividend from €0.22 to €0.25\*
- > Payment of €283m\*
- \* Proposal to the AGM to be held on 22 February 2018



### Outlook for Q1 FY18 and FY18

	Outlook Q1 FY18*	Outlook FY18* (compared to FY17)
Revenue	Decrease of 2% +/- 2%-points	Increase of 9% +/- 2%-points
Segment Result Margin	At the mid-point of the revenue guidance: ~15%	At the mid-point of the revenue guidance: ~17%
Investments in FY18		€1.1bn to €1.2bn
D&A in FY18		About €880m**

<sup>\*</sup> Based on an assumed average exchange rate of \$1.15 for €1.00.

<sup>\*</sup> Including D&A on tangible and intangible assets from purchase price allocation of International Rectifier.

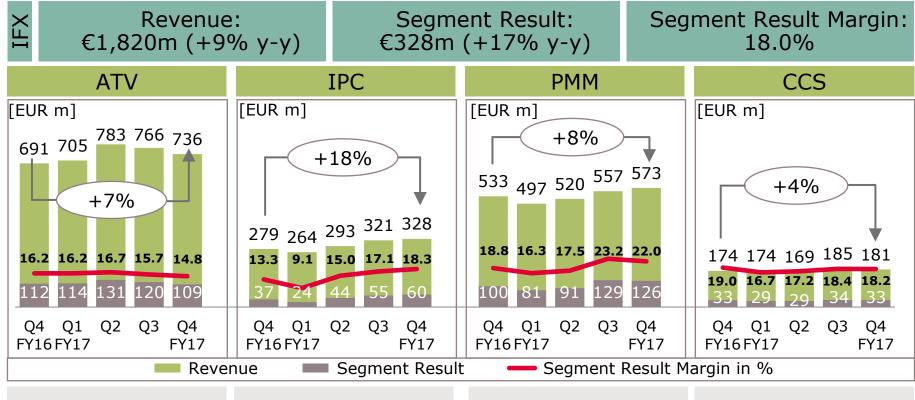


### Table of Contents

- 1 Infineon at a Glance
- Quarterly Highlights
- 3 Growth Drivers
- 4 Selected financial figures



### Q4 FY17 Group and Division Performance



- Q4 FY17: q-q revenue decline mainly due to weaker US dollar
- Revenue increased in xEV and ADAS
- Q4 FY17: q-q revenue increase driven by wind, drives, traction and home appliances
- Q4 FY17: q-q revenue increase driven by seasonal demand in mobile devices
- Q4 FY17: q-q revenue decline mainly due to weaker US dollar

# Last major step in completing IRF integration: fab in Newport (Wales) sold to Neptune 6 Ltd.





### Background: IR Newport Ltd.

- 01/2015: Acquired as part of International Rectifier
- 04/2015: Announcement to either close or sell the fab by the end of CY 2017
- O9/2017: Signing of definitive agreement and handover to new owner

### Key facts

- Fab handed over on 29 September 2017
- Infineon and Neptune 6 have entered into a 2-years wafer supply agreement

### Strategic rationale

- Economies of scale not competitive within Infineon's manufacturing landscape
- Supply agreement ensures a mutually smooth transition phase for seller and buyer

### Financial impact

- Short-term: negligible impact; avoidance of negative one-time effects from closure
- Mid-/long-term: increasingly positive effects from improved cost position

# Major design-win achieved for µC AURIX™ 2G of several hundred million Euros over lifetime



### AURIX<sup>™</sup> 2G key features

- performance: supported by hardcoded algorithms
- power consumption
- scalability: wide range of eFlash configurations
- functional safety: ASIL-D compliant
- security features: integrated HSM



### Platforms addressed by the design-win

- powertrain
  - ICE transmission
  - > xEV motor control



- chassis
- traditional safety
  - braking
  - airbag

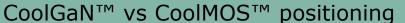


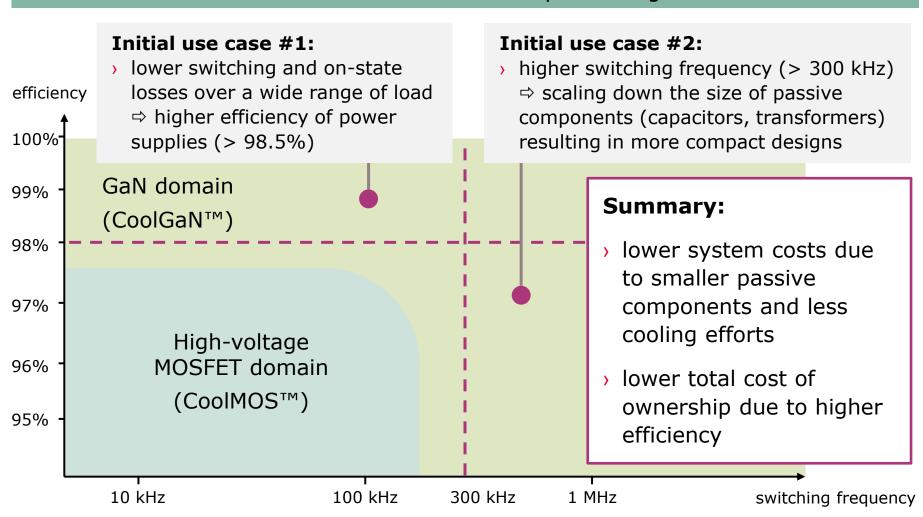
- high-growth ADAS
  - camera
  - radar
  - sensor fusion



# Material-specific advantages of gallium nitride (GaN)-based HEMTs vs silicon-based MOSFETs







# Infineon launched first GaN-based product: game-changing 600 V CoolGaN™ power switch



600 V CoolGaN™ selected by Eltek for Flatpack2 SHE (<u>super high-efficient</u>) 3 kW AC-DC power conversion module for data center and telecom applications



### CoolGaN™ target applications to come

- consumer: power supply for super-thin flat panel TVs
- mobile devices: ultra-compact adapters and chargers





### **Table of Contents**

- 1 Infineon at a Glance
- 2 Quarterly Highlights
- 3 Growth Drivers
- 4 Selected financial figures



### Reference to web presentations

10 Oct 2017: ATV Division Call

by Peter Schiefer, Division President Automotive

www.infineon.com/atv-call

29 Jun 2017: PMM Division Call

by Andreas Urschitz

Division President Power Management & Multimarket

www.infineon.com/pmm-call

11 May 2017: Deutsche Bank AutoTech Conference

by Dr. Jürgen Rebel, CVP Investor Relations

www.infineon.com/db-autotech

16 Mar 2017: Bernstein xEV and Energy Storage Conference

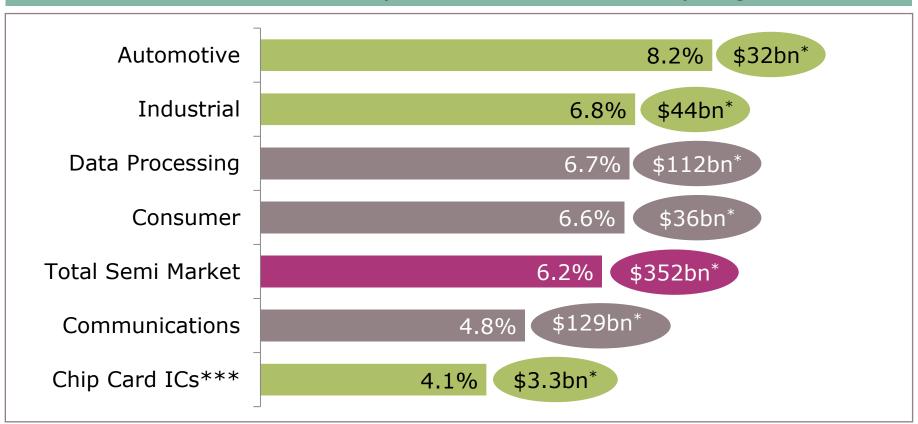
by Hans Adlkofer, VP Automotive System Group

www.infineon.com/bernstein

# Infineon benefits from industrial and auto, the by far fastest growing segments







Market size in calendar year 2016

<sup>\*\*</sup> Source: Based on or includes content supplied by IHS Markit, Technology Group, "Worldwide Semiconductor Shipment Forecast", September 2017

<sup>\*\*\*</sup> Source: ABI Research, "Secure Smart Card & Embedded Security IC Technologies", August 2017; microcontroller ICs

# Infineon is system leader in automotive; making cars clean, safe and smart



#2 with market share gains in power and sensors:

- #1 in power semiconductors\*
- #2 in sensors\*
- #4 in microcontrollers\* (#1 in powertrain\*\*)

Most balanced portfolio with sensors, microcontrollers and power for system approach

Leader in electric drivetrain and CO<sub>2</sub> reduction - making cars clean

### Leader in ADAS

- making autonomous driving safe and reliable

Leading product portfolio of sensors and security ICs for individual convenience and connectivity - making cars smart

Focus on sustainable high-bill-of-material areas: powertrain, safety/ADAS/autonomous cars, body

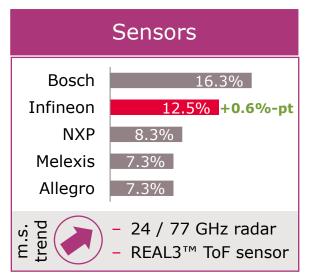
Infineon is ideally positioned to benefit from ADAS/AD, xEV, connected cars and to gain further market share in Automotive

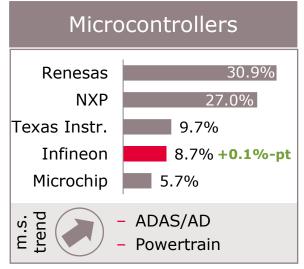
<sup>\*</sup> Source: Strategy Analytics, April 2017; \*\* Infineon estimate.

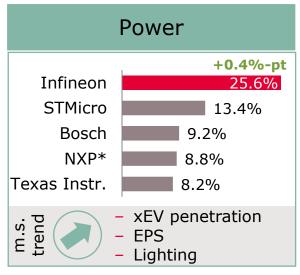
# Infineon's position in the automotive semiconductor universe











<sup>\*</sup> Divestiture of NXP's Standard Product business ("Nexperia") closed on 16 Feb 2017; hence included in the 2016 ranking. Source: Strategy Analytics, "Automotive Semiconductor Vendor Market Shares", April 2017

# Megatrends shaping the automotive market; significantly increasing semi content per car









Enabling the communication of cars



Enabling security in connected cars

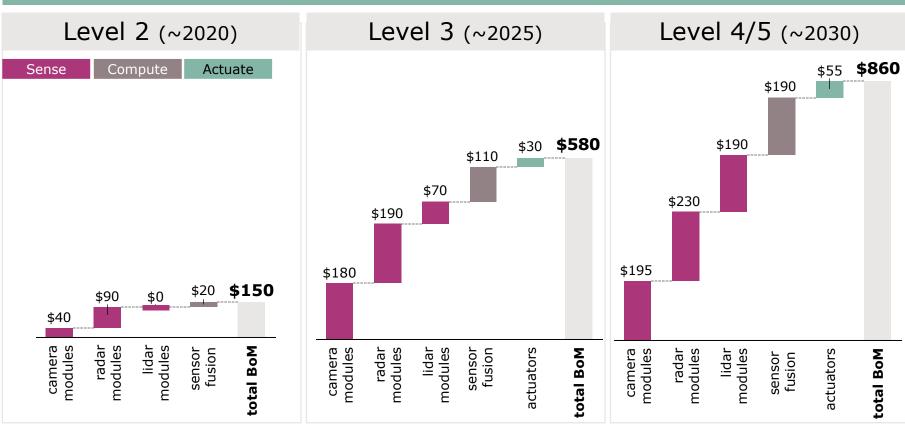
**Enabling safety** 

towards Vision Zero

# ADAS/AD semi growth driven by radar and camera sensor modules over the next 5 years



### Average semiconductor content per car by level of automation



12 vehicles in 2020:~8m

L3 vehicles in 2025: ~3m

L4/L5 vehicles in 2030: ~4m

Source: Strategy Analytics; Infineon.

Bill of material contains all type of semiconductors (e.g. radar modules include  $\mu C$ ).

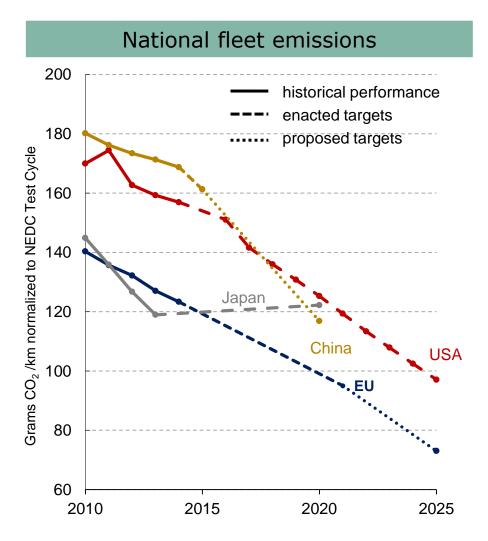
# Infineon's product portfolio fosters revenue growth in ADAS/AD for the next decade



		Today	2020	2025
Camera	Driver Monitoring		\$ \$	\$ \$ \$
	Front	\$	\$ \$	\$ \$
	Rear/surround			\$
Radar	SiGe 77 GHz	\$ \$	\$ \$ \$	\$ \$ \$
	SiGe 24 GHz	\$ \$	\$ \$ \$	\$ \$ \$
	RF CMOS			\$ \$ \$
Others	Sensor fusion		\$ \$	\$ \$
	Lidar		\$ \$	\$ \$ \$
	Actuators		\$	\$
				Sense Compute Actuate

# CO<sub>2</sub> emission targets are the key triggering points for increase in semiconductors





Source: The International Council for Clean Transportation, 2017

### CO<sub>2</sub> drives three major trends

### (1) Higher efficiency of the 'classic' ICE:

- EPS (electric power steering)
- start-stop
- dual-clutch
- alternator

### (2) Energy efficiency of body applications:

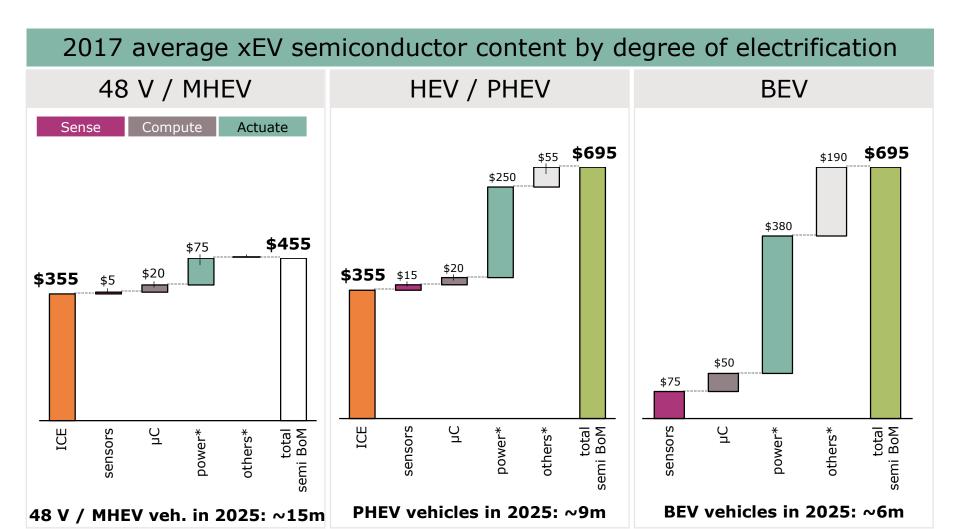
- power distribution
- electric motors for pumps and fans

### (3) Electrification of the drivetrain:

- main inverter
- auxiliary inverter
- onboard charger
- battery management

### The incremental demand of power semiconductors is a significant opportunity





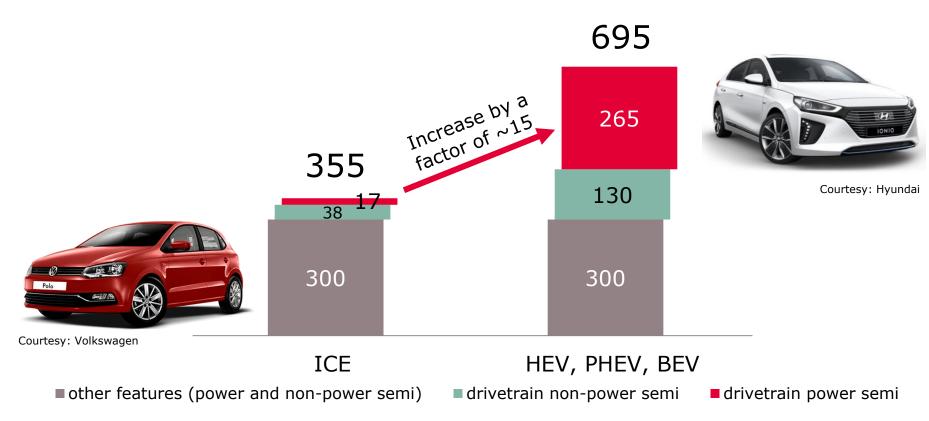
Source: Strategy Analytics, "Automotive Semiconductor Content", May 2017; Infineon \* "power" includes linear and ASIC; "others" include opto, small signal discrete, memory

# With the transition from ICE to xEV the power semi content in powertrain increases by ~15x



### Average semiconductor content by type of car

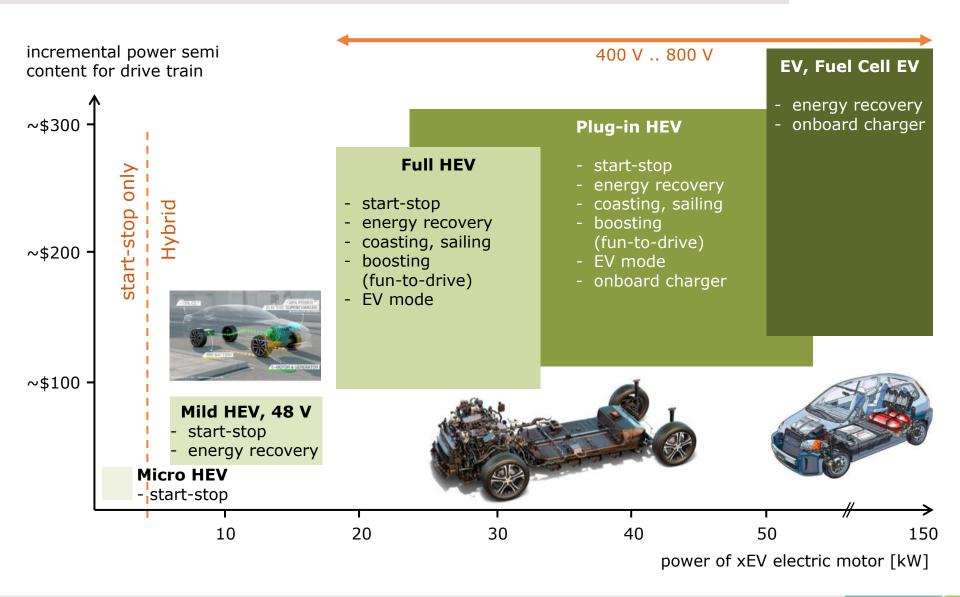
[USD]



Source: Strategy Analytics, "Automotive Semiconductor Content", May 2017; Infineon

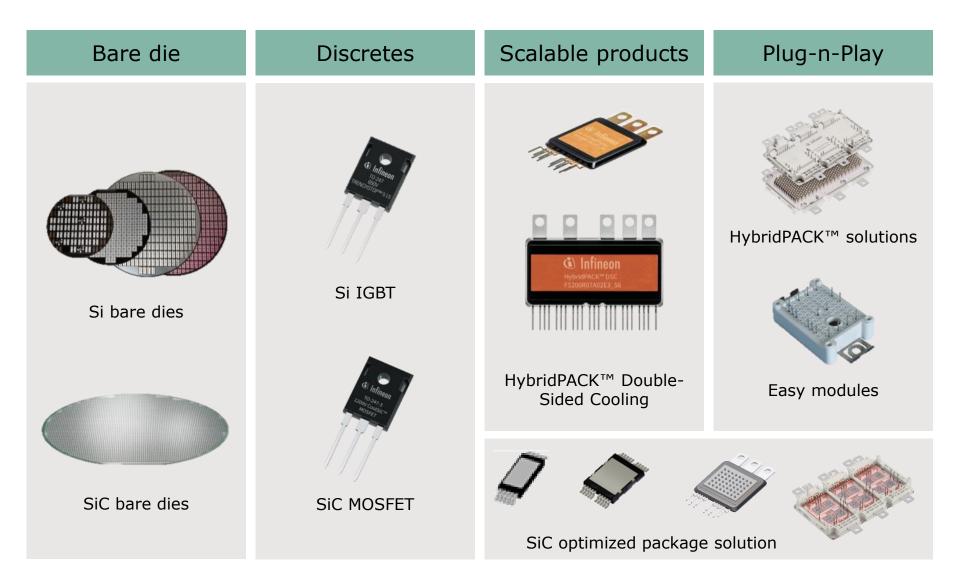
# Power semiconductor demand for different levels of electrification





# Infineon has all elements and unparalleled package expertise for all xEV applications





# ADAS/AD, clean cars, and adoption of premium features drive growth

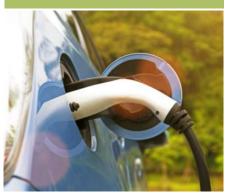


### Vehicle production



### Drivers for semiconductor content per car

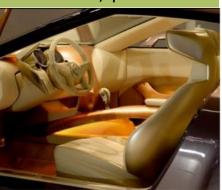
Clean cars



### ADAS/AD



### Comfort, premium



- > 2% growth p.a.
- Legislation
- Improvements of ICE
- Higher efficiency of all electric consumers
- Adoption of xEV

- Today:
  - > crash avoidance
  - > ADAS
- Tomorrow:
  - > Autonomous Driving
- Premium cars are early adopters of high-end comfort and safety features
- Trickling down to midrange

### ~8% p.a. through-cycle growth

# of innovation

# Infineon is #1 and technology leader in power semiconductors



#1 in the market\* for MOSFETs, discrete IGBTs, IGBT-based modules and total market

Broad product and technology portfolio

Addressing broadest range of applications

300 mm thin-wafer manufacturing for power semiconductors

System leader with digitalization of the control loop and functional integration

Leader in next-generation power semiconductor materials SiC and GaN

Infineon is ideally positioned to gain further market share and earn superior margins in power semiconductors

areas

Kev

<sup>\*</sup> Source: IHS Markit, Technology Group, "Power Semiconductor Annual Market Share Report", August 2017

# Efficiency, productivity and legislation are main market drivers for power applications



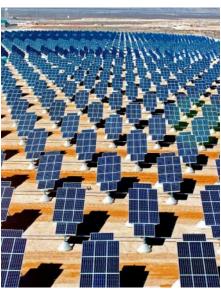
### IPC

### **Drives**



- > Energy efficiency
- Automation
- > Productivity increase

### Renewables



- Legislation
- Growing share of renewables as part of the energy generation mix

### MHA



- > Energy efficiency
- Growing VSD penetration

### Traction



- Growing population in mega cities
- Fast and efficient mass transport system

# IPC is perfectly positioned to outperform traditional markets and leverage emerging ones



### **Traditional markets with <5% p.a.**

- Portfolio for automation application to compensate low demand in drives
- > Strong position in stable wind market
- Broad traction portfolio enables compensation of low demand in highspeed trains through urban transportation
- Weakest level of growth in oil & gas (process automation) passed as capex slowly recovers







### **Emerging markets with >5% p.a.**

- Comprehensive offering and expertise enable growth in SiC above average
- Ongoing inverterization of home appliances enables strong growth
- Optimal position to strongly benefit from high growth rates in PV, transmission & distribution and commercial, construction and agricultural vehicles
- Emerging applications like energy storage, EV charging and robotics offer additional growth potential







### Industrial Power Control to grow ~8% p.a.

### PMM's growth is built on many applications from different sectors



### **PMM**

### Computing



- > Server
- > PC
- Notebook
- Peripherals



### **Industrial**



- Industrial power supplies
- > xEV charger
- > PV roof-top inverter
- DIY power tools
- Lighting





### Consumer / Misc



- > Pedelecs / eBikes
- Multicopter
- Aviation
- Space
- Oil exploration







### Communications



- Handsets
- Wearables
- > Cellular infrastructure









AC-DC



DC-DC

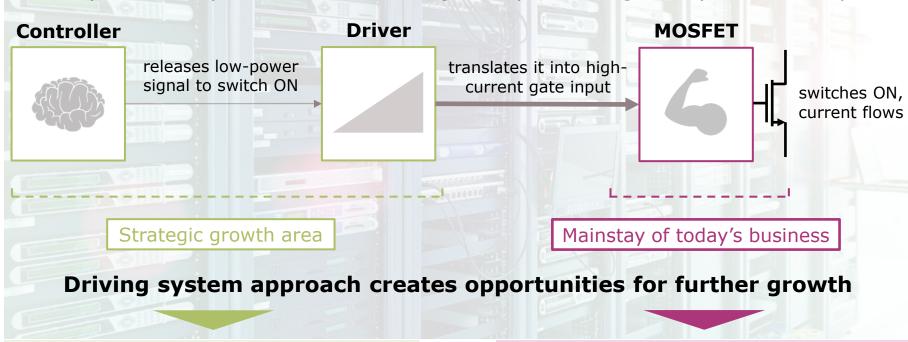


**RFS** 

# Product-to-System approach opens growth opportunities beyond MOSFETs



Essential parts of any electronic system (e.g. in an SMPS); can be realized with separate components or as an integrated power stage as system-on-chip



- Expansion of IC product portfolio increases addressable market
- TAM in 2021\*: €7.0bn

- MOSFETs account for ~80% of today's PMM power business
- TAM in 2021\*: €6.3bn

<sup>\*</sup> Infineon estimates

# Strengthening IC business allows for faster growth in power than market average















Average through-cycle growth of power business: 8% p.a.

2-3%-pt p.a.

from power ICs



+

5-6%-pt p.a.

from MOSFETs



Expand product portfolio

**Bundle with MOSFETs** 

Tailor go-to-market strategy

Leverage system knowhow

Maintain technology leadership

Capitalize on scale advantage

Further extend market leadership

# PMM is a leader in core technologies for ambient sensing, thus driving innovation



#### **MEMS**

# 0.9 mm

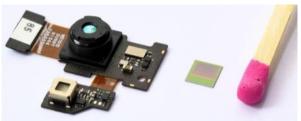
- #2 in the market (31.1%) for silicon microphones
- World's best signal-tonoise ratio
- Integration of additional sensing functions

#### Radar



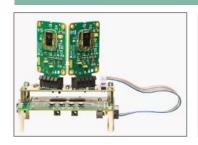
- 60 GHz radar sensors e.g. for gesture sensing (example: Google Soli)
- 24 GHz radar sensors e.g. for automotive, robotics and smart home

### Time of Flight



- REAL3™ image sensor for AR/VR applications in smartphones and automotive driver monitoring
- High-resolution 3D image sensor available with 19k, 38k and 100k pixels
- Measuring brightness and distance for every single pixel

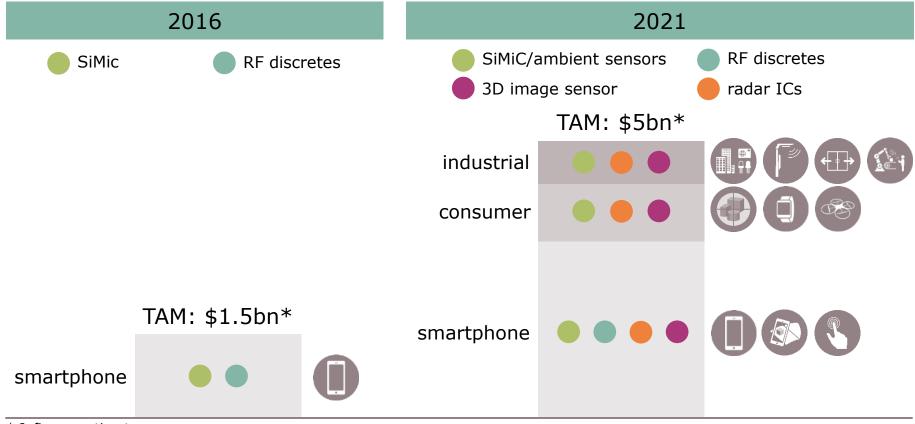
### Sensor fusion



 Combination of microphone and radar with audio processor from XMOS enables far field voice capture by audio beamforming combined with radar target presence detection.

# Growth in RF & Sensing is driven by broader product portfolio and emerging applications





<sup>\*</sup> Infineon estimates

- > **SiMic:** Integrating additional ambient sensors in upcoming generations (e.g. temperature and pressure)
- > RF discretes: Adding a focus on antenna-centric solutions to existing LNA and switch business

# Tailored growth strategies help maintain leadership position in both major segments



#### Power

### Current position



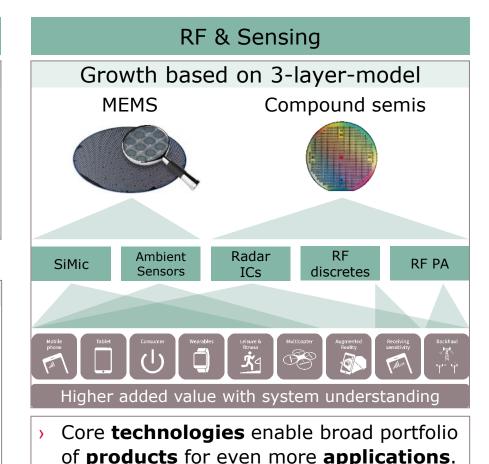
- Scale and technology leader in power MOSFETs
- > Broadest portfolio: 25V 900V
- Addressing all applications
- \* #1 holding  $\sim$ 1/3 of the market

#### Growth levers



- Capitalize on scale and technology leadership in discretes
- Double TAM by pushing into power management ICs

Growth of  $\sim$ 8% p.a.



Growth of ~8% p.a.

# Infineon is the leader in security solutions for the connected world



#1 in microcontroller-based smart card ICs\*

#1 in embedded digital security\*\*

Complete portfolio of hardware, software, services and turnkey solutions

Leading in growth segments payment, government ID, connected car security, IoT, and Information and Communications
Technology security

Infineon is ideally positioned to benefit from the growth trends in the security controller market

<sup>\*</sup> Source: IHS Markit, Technology Group, "Smart Card Semiconductors Report", July 2017

<sup>\*\*</sup> Source: IHS Markit, Technology Group, "Embedded Digital Security Report", January 2016 (based on units, USD-ranking not provided)

# Tailored embedded security µC portfolio for applications in the hyper-connected IoT world







- Infineon AURIX™ microcontroller with HSM for onboard communication
- Security microcontrollers (e.g. eSIMs, TPMs) enable various functions like eCall, software over-the-air, vehicle-to-infrastructure, and on-board multimedia



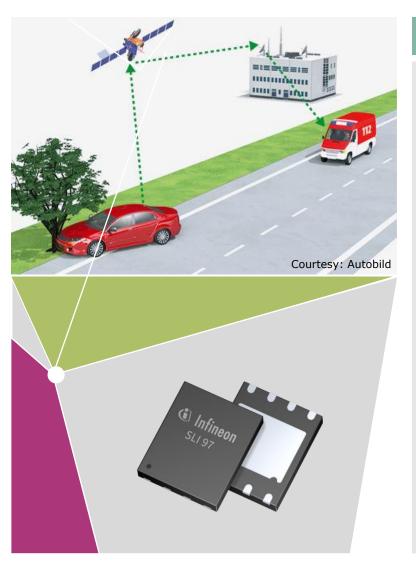
- Security microcontroller for Infineon MIPAQ™ Pro IPM enabling authentication
- Security chips are integrated in solutions for Industry 4.0 applications, e.g. robots



> OPTIGA™ TPM and OPTIGA™ Trust for devices like smart home routers and gateways (e.g. Google OnHub), smart meters, smart lighting etc.

# Infineon is the leading supplier of eSIM for emergency call (eCall) system for cars





#### eSIM

- Emergency call function (eCall) will be mandatory for all new registered cars in the EU as of 31 March 2018
- Infineon is world's leading supplier of embedded SIMs (eSIMs) used for eCall function
- In addition to eCall eSIMs enable various functions like
  - software over-the-air (SOTA)
  - vehicle-to-infrastructure
  - on-board multimedia
- Infineon's related eSIM revenue almost doubled in FY17; for FY18, again strong growth expected

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



### **ATV**

**IPC** 

### **PMM**



CCS

- CO<sub>2</sub> reduction
- Advanced Driver Assistance Systems

Courtesy: Hyundai

- Energy efficiency
- Automation
- Productivity increase

- Energy efficiency
- Power density
- BLDC motors
- Mobile device

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

# ~8% p.a. through-cycle growth

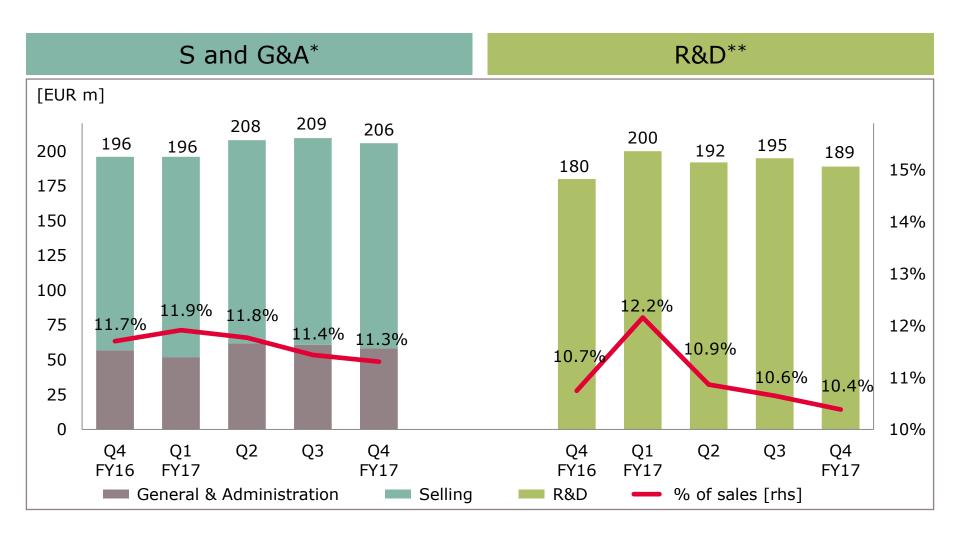


# Table of Contents

- 1 Infineon at a Glance
- 2 Quarterly Highlights
- 3 Growth Drivers
- 4 Selected financial figures



# OPEX level right on target

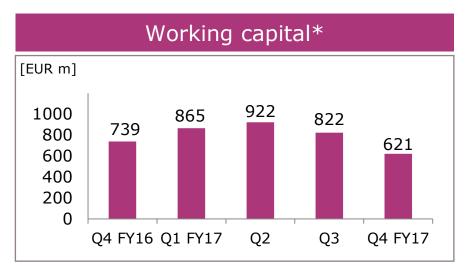


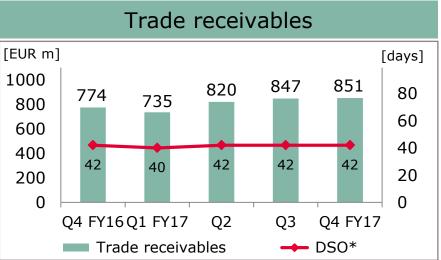
<sup>\*</sup> Target range for SG&A: "Low teens percentage of sales".

<sup>\*\*</sup> Target range for R&D: "Low to mid teens percentage of sales".

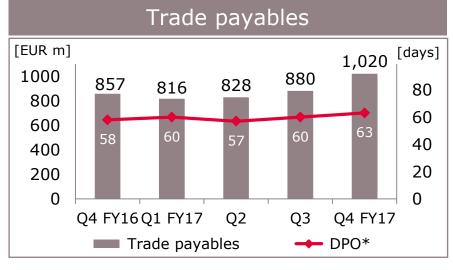
# Increase in trade payables due to high investments







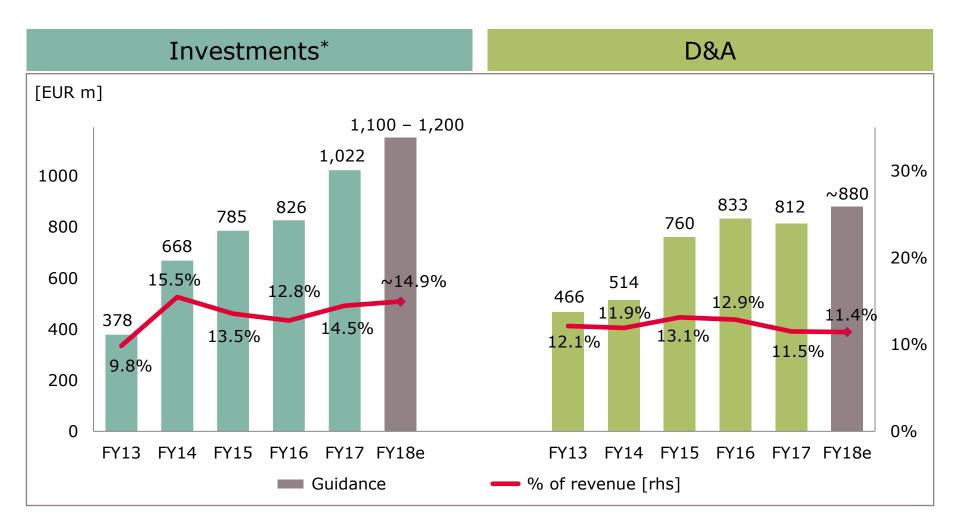




<sup>\*</sup> For definition please see page "Notes".

# Investments between €1.1bn and €1.2bn due to strong underlying growth in demand

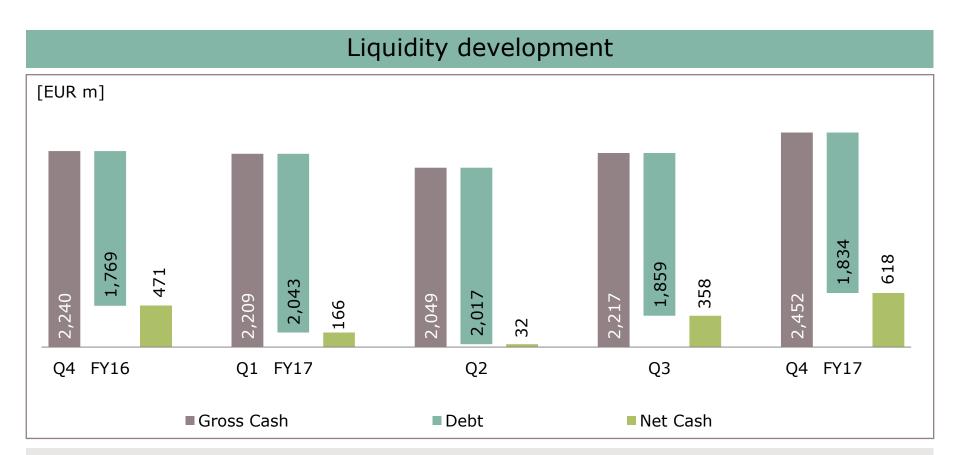




For definition please see page "Notes".

# Gross and Net Cash increased due to strong Free Cash Flow

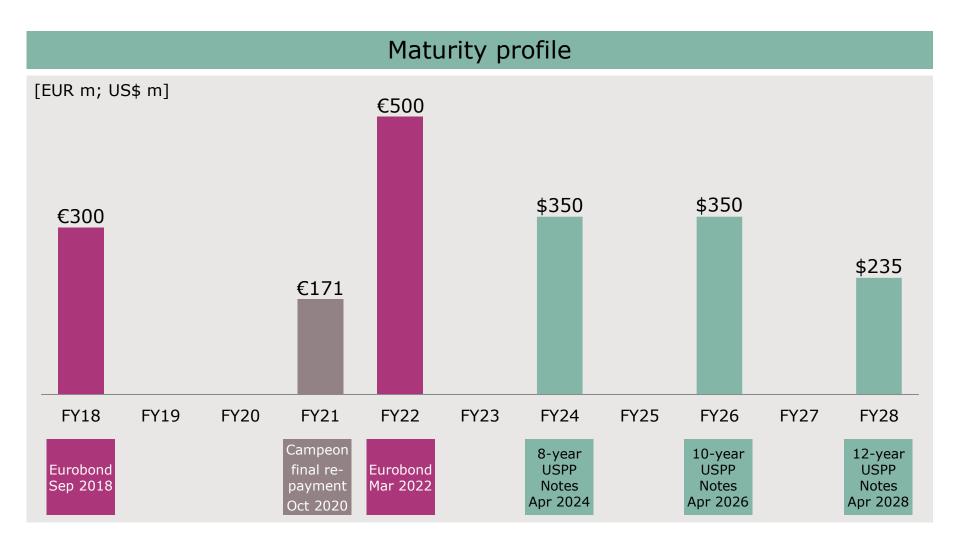




- > Free Cash Flow from continuing operations was €249m.
- Debt decreased by €25m due to change in FX-rates used for valuing US\$-based debt.

# Infineon has a balanced maturity profile and a solid investment grade rating (BBB) from S&P





Note: Additional debt with maturities between 2017 and 2023 totaling €73m of which €38m repayments related to Campeon.



Part of your life. Part of tomorrow.





## Disclaimer

#### **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.

### Specific disclaimer for IHS Markit reports, data and information referenced in this document:

The IHS Markit reports, data and information referenced herein (the "IHS Markit Materials") are the copyrighted property of IHS Markit Ltd. and its subsidiaries ("IHS Markit") and represent data, research, opinions or viewpoints published by IHS Markit, and are not representations of fact. The IHS Markit Materials speak as of the original publication date thereof and not as of the date of this document. The information and opinions expressed in the IHS Markit Materials are subject to change without notice and neither IHS Markit nor, as a consequence, Infineon have a duty or responsibility to update the IHS Markit Materials or this presentation. Moreover, while the IHS Markit Materials reproduced herein are from sources considered reliable, the accuracy and completeness thereof are not warranted, nor are the opinions and analyses which are based upon it. IHS Markit and the IHS Markit globe design are trademarks of IHS Markit. Other trademarks appearing in the IHS Markit Materials are the property of IHS Markit or their respective owners.

# Infineon is a long-standing member of Europe's leading sustainability indices



### Infineon's most recent achievements

# Dow Jones Sustainability Indices

In Collaboration with RobecoSAM (

- Jan 2017: Infineon is listed in the Sustainability Yearbook for the 7<sup>th</sup> consecutive year and, according to RobecoSAM, among the top 15% most sustainable companies worldwide
- Sep 2017: Infineon is listed in the Dow Jones
   Sustainability Europe Index (as the only semiconductor company) for the 8<sup>th</sup> consecutive year and in the World Index for the 3<sup>rd</sup> time

Sep 2016: Infineon is listed in the STOXX® Global ESG Leaders Indices, which serves as an indicator of the quality of Infineon's performance in the governance, social and environmental areas (ESG)





FTSE4Good

- Infineon was added to the FTSE4Good Index Series in 2001 and has been confirmed as a member since then
- > Jul 2017: Most recent review
- Dec 2016: In the Carbon Disclosure Project (CDP) climate change report, Infineon achieved a placing among the best companies in the Information Technology sector





 Mar 2017: Infineon has been reconfirmed as a constituent of the Ethibel Sustainability Index (ESI) Excellence Europe



# Financial calendar

Date	Location	Event
15 – 16 Nov 2017	Barcelona	Morgan Stanley TMT Conference
28 – 29 Nov 2017	Scottsdale, AZ	Credit Suisse TMT Conference
09 – 10 Jan 2018	New York	Commerzbank German Investment Seminar
31 Jan 2018*		Q1 FY18 Results
22 Feb 2018	Munich	Annual General Meeting
26 – 28 Feb 2018	Barcelona	Mobile World Congress
03 May 2018*		Q2 FY18 Results
12 June 2018	London	Capital Markets Day "IFX Day 2018"
01 Aug 2018*		Q3 FY18 Results
12 Nov 2018*		Q4 FY18 and FY 2018 Results

<sup>\*</sup> preliminary



### Notes

#### Investments =

'Purchase of property, plant and equipment'

+ 'Purchase of intangible assets and other assets' incl. capitalization of R&D expenses

#### Capital Employed =

'Total assets'

- 'Cash and cash equivalents'
- 'Financial investments'
- 'Assets classified as held for sale'
- ('Total Current liabilities'
  - 'Short-term debt and current maturities of long-term debt'
  - 'Liabilities classified as held for sale')

#### RoCE =

NOPAT / Capital Employed = ('Income from continuing operations'

- 'financial income'
- 'financial expense')

/ Capital Employed

# **DOI** (days of inventory; quarter-to-date) = ('Net Inventories' / 'Cost of goods sold') \* 90

### Please note:

All positions in ' ' refer to the respective accounting position and therefore should be applied with the positive or negative sign used in the relevant accounting table.

#### **Working Capital** =

('Total current assets'

- 'Cash and cash equivalents'
- 'Financial investment'
- 'Assets classified as held for sale')
- ('Total current liabilities'
  - 'Short term debt and current maturities of long-term debt'
  - 'Liabilities classified as held for sale')

**DSO** (days sales outstanding; quarter-to-date) = ('Trade receivables' / 'revenue') \* 90

**DPO** (days payables outstanding; quarter-to-date) =

('Trade payables' / ['Cost of goods sold' + 'Purchase of property, plant and equipment']) \* 90



# Glossary

AD	automated driving
ADAS	advanced driver assistance system
AEB	automatic emergency braking
ВоМ	bill of material
DPM	digital power management
eCall	emergency call
EPS	electric power steering
eSIM	embedded subscriber identity module
EV	electric vehicle
HEV	mild and full hybrid electric vehicle
HSM	hardware security module
ICE	internal combustion engine
IPM	intelligent power module

МНА	major home appliances
micro- hybrid	vehicles using start-stop systems and limited recuperation
mild- hybrid	vehicles using start-stop systems, recuperation, DC-DC conversion, e-motor
ОВС	onboard charger
PHEV	plug-in hybrid electric vehicle
SiC	silicon carbide
SiGe	silicon germanium
SOTA	software over-the-air
TPM	trusted platform module
UPS	uninterruptible power supply
V2X	vehicle-to-everything communication
VSD	variable speed drive
xEV	all degrees of vehicle electrification (EV, HEV, PHEV)



# Institutional Investor Relations contacts



Dr. Jürgen Rebel

Corporate Vice President Investor Relations

+49 89 234-21626 juergen.rebel@infineon.com



**Joachim Binder** 

Senior Director Investor Relations

+49 89 234-25649 joachim.binder@infineon.com



**Holger Schmidt** 

Senior Manager Investor Relations

+49 89 234-22332 holger.schmidt@infineon.com



**Tillmann Geneuss** 

Manager Investor Relations +49 89 234-83346 tillmann.geneuss@infineon.com