## Fiscal Year-end Roadshow

### November / December 2005

Dr. Wolfgang Ziebart President and CEO

Peter J. Fischl
Executive Vice President and CFO



**Never stop thinking** 



#### Disclaimer

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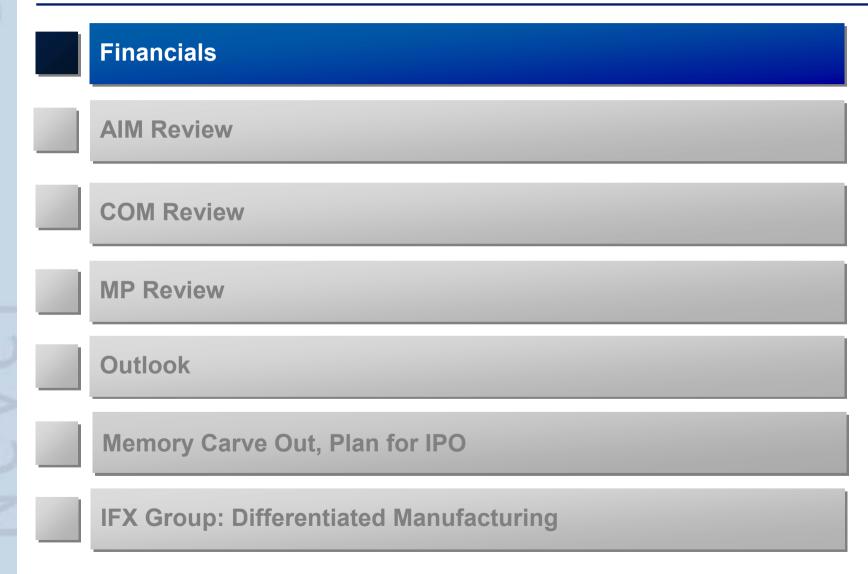


#### Infineon FY05 roadshow: Contents





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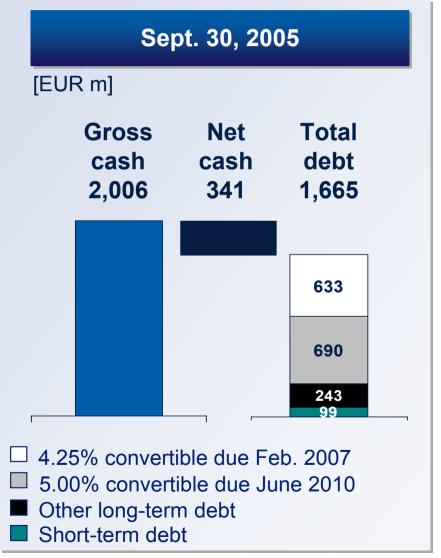
## Results for Q4 vs. Q3 of FY05

[EUR m]	Q3 FY05	Q4 FY05	FY 2005
Net sales	1,606	1,731	6,759
Gross margin	16%	26%	27%
R&D expenses in % of sales	<b>320</b> 20%	<b>290</b> 17%	<b>1293</b> 17%
SG&A expenses in % of sales	<b>157</b> 10%	<b>172</b> 10%	<b>655</b> 10%
EBIT	(234)	(43)	(183)
EBIT excluding one-off's in % of sales	(152) (10%)	21 1%	(79) (1%)



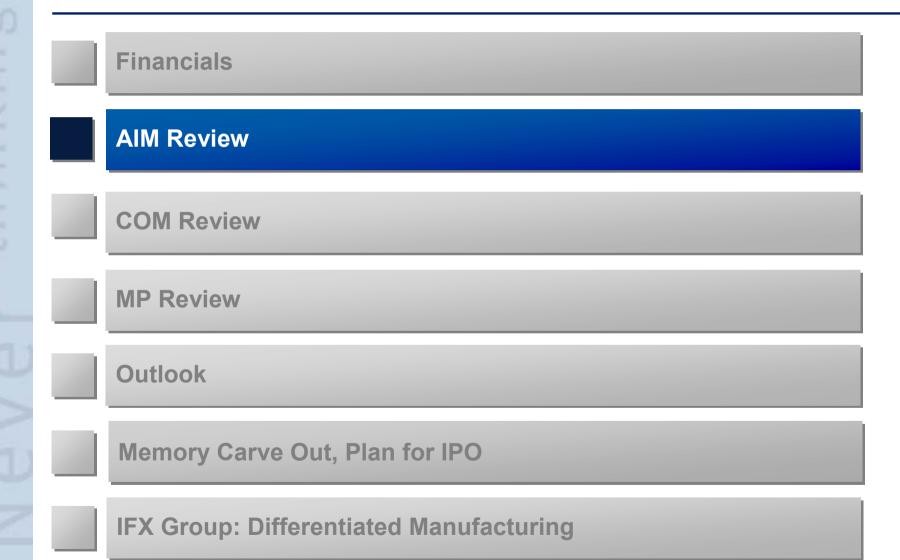
## Maintaining a solid financial position

[EUR m]	FY05
Operating cash flow	1,039
Capex	(1,368)
Other investments (1)	48
Free cash flow	(281)





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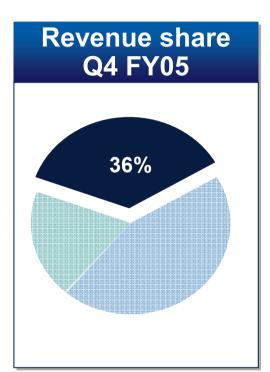


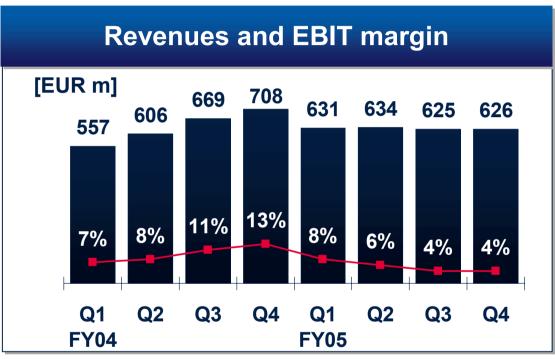
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## Business Group Automotive, Industrial & Multimarket FQ4 Update

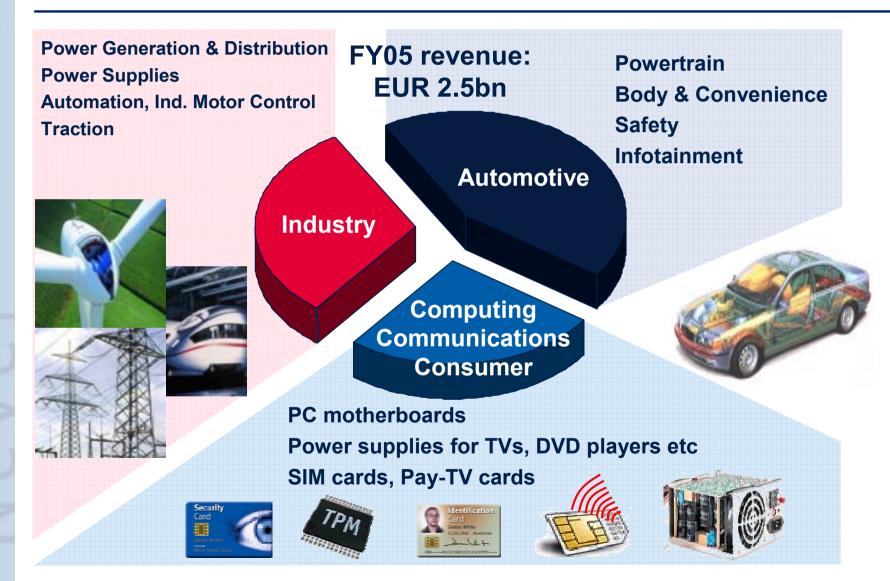




- Stable revenues driven by strong demand for industrial products, but continued pricing pressure in chip card and security business.
- Improved EBIT despite ongoing costs for Kulim and Perlach fabs due to strong seasonal improvement in industrial.



#### AIM fields of activities





## In Automotive, Infineon leads the long-range route

#### Outstanding performance: No. 1 in Europe, No. 2 worldwide, No. 3 in U.S.

- ✓ Strong development in Europe
- ✓ Improved in NAFTA & Japan

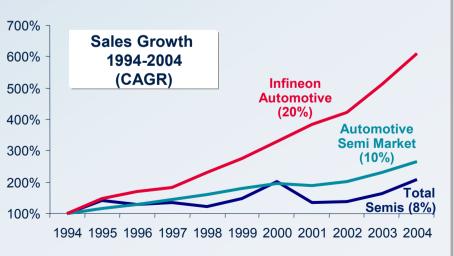
#### Market 2004: USD 15 bn Freescale 12.0% Infineon Others 9.1% 33.8% STM 8.3% Fujitsu 2.2% Renesas 7.0% 3.4% **NEC** 6.2% **Bosch** Toshiba **Philips** 5.9% 6.1% 6.0%

#### **IFX** products

- Sensors
- Microcontrollers
- Power devices
- Wireless chipsets
- Discretes

#### **Key applications**

- Powertrain
- Safety management
- Body & convenience
- Infotainment



Source: (Market data) Strategy Analytics



# Infineon strengthened No. 1 position in Power and improved to No. 4 in industrial applications

## Industrial Semiconductor Market

2003 Rank	2004 Pank	Company Nama	2004
2003 Ralik	2004 Rank	Company Name	Revenue
1	1	Renesas Technology	1.700
2	2	Intel	1.497
3	3	STMicroelectronics	1.371
8 📥	4	Infineon Technologies	914
5	5	Analog Devices	818

#### **Power Semiconductor Market**

2003 Rank	2004 Rank	Company Name	2003	2004	Change
1 -	1	Infineon	8,1%	8,4%	0,3%
2	2	IR	8,0%	7,8%	-0,2%
4	3	Fairchild	7,6%	7,7%	0,1%
3	4	STM	6,7%	7,2%	0,5%
5	5	Toshiba	7,4%	6,7%	-0,7%
6	6	Vishay	5,8%	5,9%	0,1%
7	7	Mitsubishi	5,1%	5,4%	0,3%
9	8	Fuji Electric	4,5%	4,7%	0,2%
8	=8	Renesas	4,7%	4,7%	0,0%
10	10	ON	3,9%	4,1%	0,2%

#### **IFX Industrial Products**

#### Power semiconductors

- AC/DC, DC/DC
- High power semiconductors

#### Microcontrollers

- 8/16/32 bit controllers

#### Chipcard products

- RFID
- Crypto and memory controller
- Sensors
- Wireless control products
- Standard and customer/ application-specific products



## Chip Card: returning to profits

#### **MicroSlim**

- Inline pads vs outline pads
- 1-transistor-per-bit
- Implementation along with smaller feature size
- Qualified at top-5 customers

#### 32-bit controller

- Introduced on 130nm
- Higher margin products
- Volume roll-out since 2004

#### Restructuring

- Cost cutting
- R&D budget reduction
- Yield and quality program started



#### **FCOS**

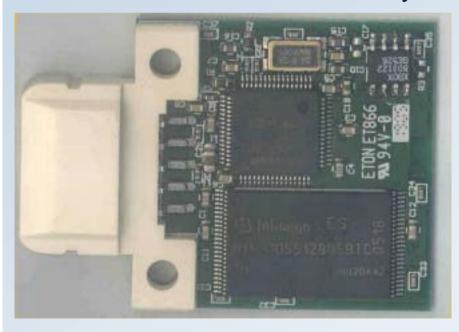
- Higher mechanical stability
- Reduced packaging costs
- Roll-out since end of 2004



## Design-win for Microsoft Xbox 360

## Infineon products developed for Xbox 360

- Wireless game-pad controller
- Advanced security chip
- Removable solid-state memory unit









### Discrete Semis: market focus & core competencies

#### Communication



RF Bipolar/Diodes
Si MMICs
AF

## Consumer and Computer Peripherals



RF Bipolar/Diodes
RF MOS
AF

HiPAC / MEMS

## Automotive and Industry

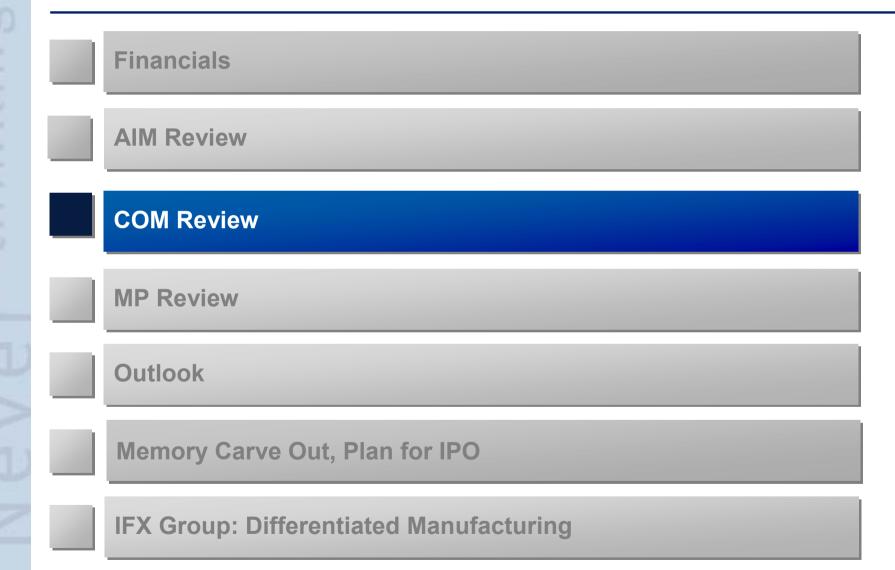


**General Purpose Infotainment** 

RF Bipolar RF MOS AF

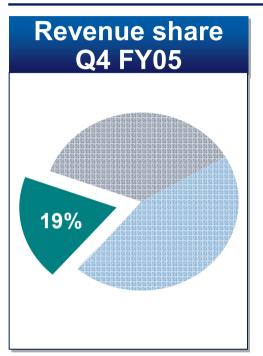


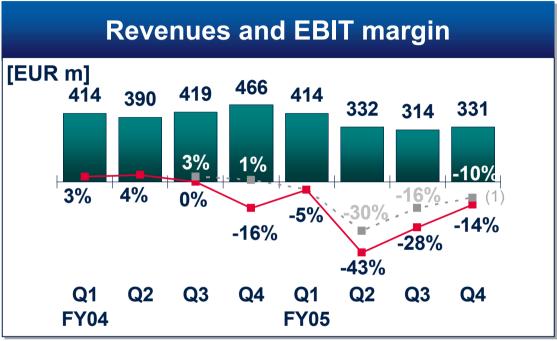
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# Business Group Communication FQ4 Update



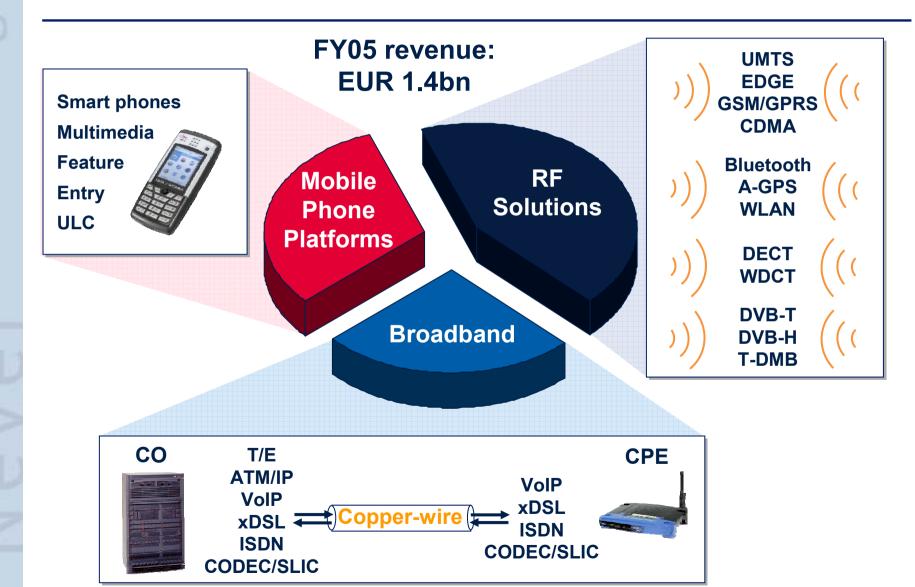


- COM revenue increased slightly given seasonally strong RF and baseband shipments.
- Significant improvement of EBIT as a result of higher loading, lower R&D costs and impact of restructuring.

(1) Excl. acquisition related expenses and net charges resulting primarily from reorganization measures.



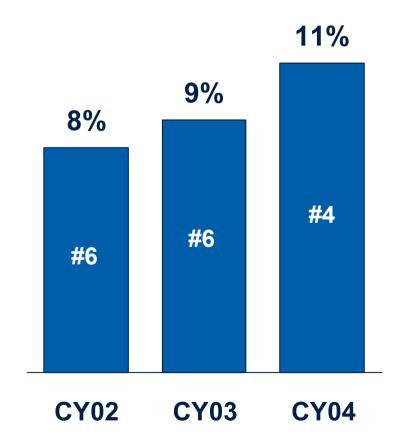
#### COM fields of activities





## Early innovation translates into design-wins

## IFX market share and ranking in DSL IC's



Source: Gartner, Communications Semiconductors Market Shares for 2003, 2004

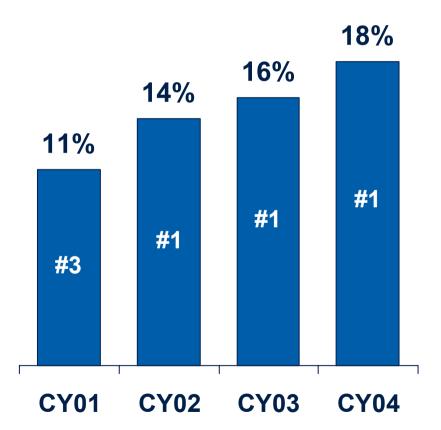
#### **Highlights**

- Several major OEM's decided to start VDSL2 designs based on our chipset
- Production for a major VDSL2 project in 1H CY06 already started
- ADSL2/2+ wins at several leading DSLAM manufacturers
- Final agreement for IP DSLAM with major customer
- We have the design-wins in place to increase our market share in xDSL CO and CPE further



## Securing a solid No. 1 position in RF transceivers

## IFX market share and ranking in RF transceivers



#### **Highlights**

- Successful ramp-up of new RF transceiver product for a major OEM
- 3G CMOS transceiver: 4 dual-mode mobile phone platform design-wins ramping-up in 2006
- EDGE CMOS transceiver: 3 dual-mode and 4 EDGE mobile phone platform design-wins ramping-up in 2006
- GPRS CMOS transceiver:
  - In volume production since 2004
  - Customers: Panasonic, BenQ

Source: Gartner, Wireless Communications Semiconductor Market Shares for 2002, 2004



## Competitive platform offering, strong execution lead to several design-wins

#### IFX market share in baseband



Source: Mobile phone sales: Gartner, September 2005.

Baseband sales: Infineon July 2005

#### **Design-wins**

Customer	Platform	Ramp- up
BenQ	GSM/GPRS feature phones	2006
BenQ	EDGE Multimedia	2006
Panasonic	GSM/GPRS feature phones	Since Q3 2005
OEM	UMTS/EDGE Multimedia	2006
OEM	EDGE Multimedia	2006
OEM	GSM Ultra low- cost	2006
ODM	GSM Ultra low- cost	2006

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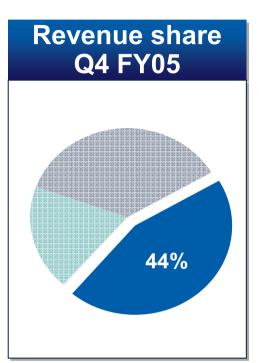


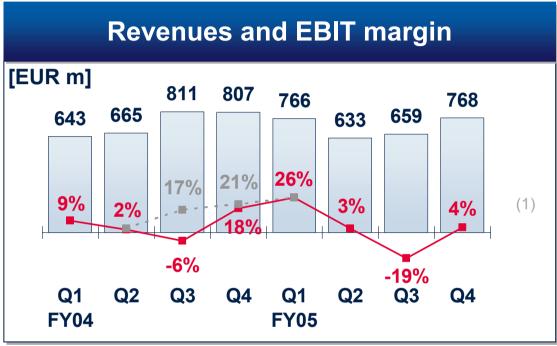
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Financials
AIM Review
COM Review
MP Review
Outlook
Memory Carve Out, Plan for IPO
IFX Group: Differentiated Manufacturing



# Business Group Memory Products FQ4 Update

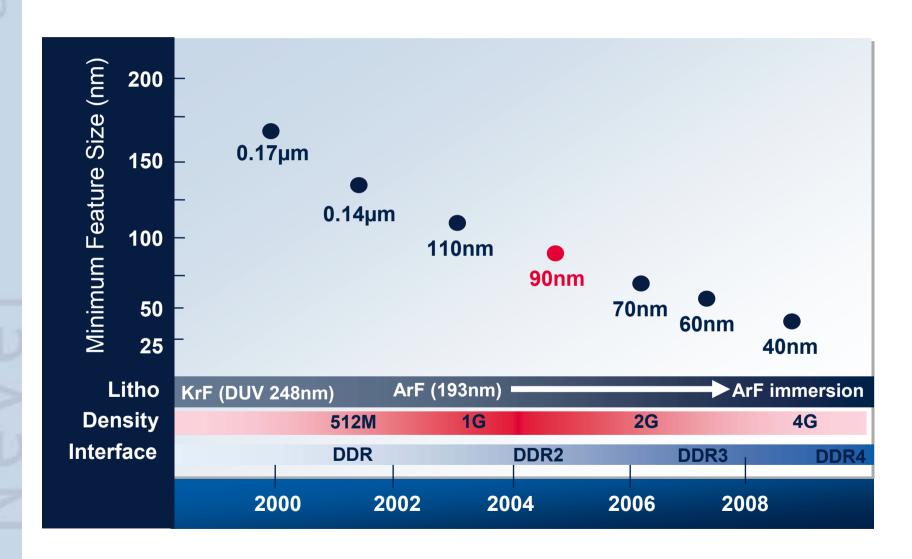




- Production growth in line with up mid teens q-o-q guidance, inventory broadly flat q-o-q
- ASP was up slightly, fully loaded costs declined significantly q-o-q
- On track with 90nm ramp, started Richmond 12" volume production

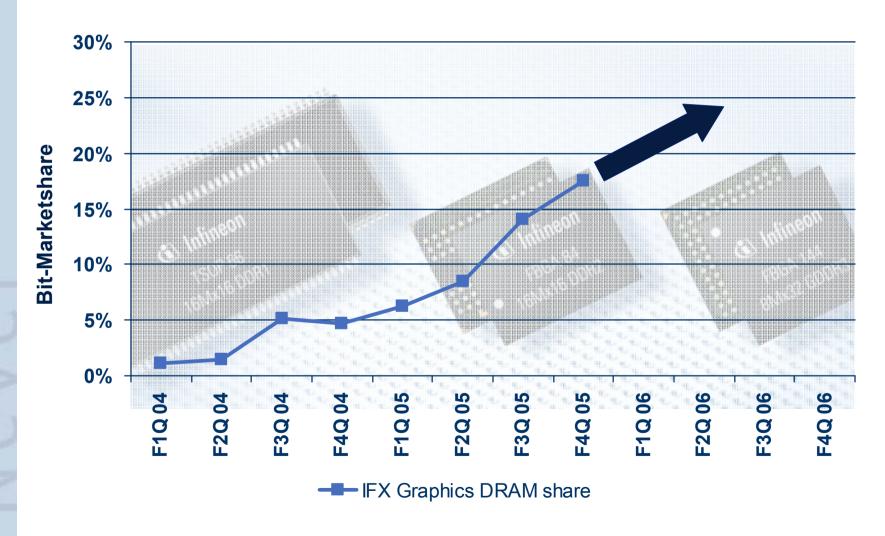


## Strong roadmap, on track for 90nm, targeting faster 70nm



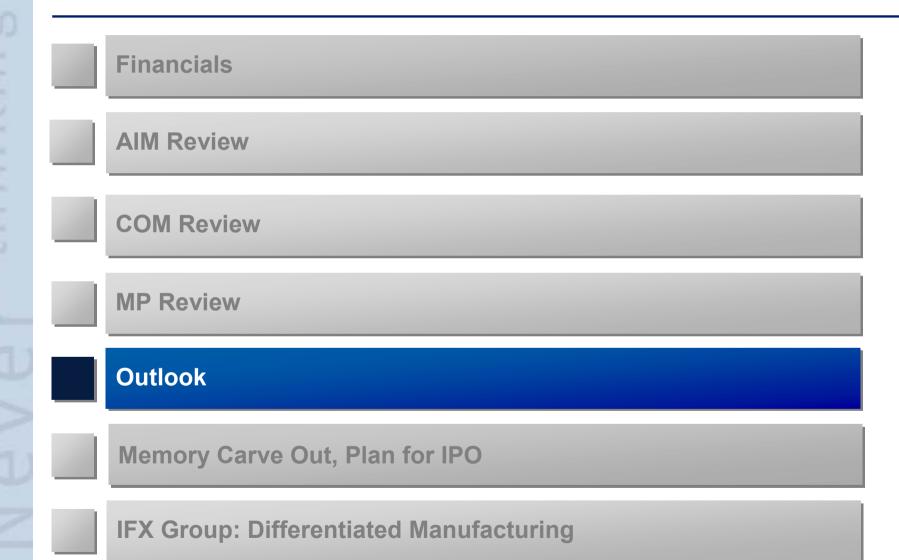


## Continued mix and ASP optimization





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## Infineon Business Group Q1 FY06 Outlook as of Nov 18th

#### AIM

- Estimating revenues to increase slightly with stable EBIT margin compared to Q4 FY05.
- Awaiting slight sales growth in auto, flat sales in industrial ICs. Ongoing price pressure in chip card ICs; continuing productivity measures.
- Planned phase-out of production in Perlach and start-up costs for new site in Malaysia to negatively impact EBIT through end-CY06.

### COM

- Expecting revenues to remain stable sequentially.
- Anticipating EBIT loss to stay in the range of the EBIT loss of the Q4 FY05. EBIT including costs relating to Perlach closure.
- Wireline business to be profitable again in 1Q FY2006.

#### MP

- Expect bit-production to increase by more than 10% q-o-q given additional shipments from Inotera, foundry partners and ramp of Richmond 300.
- Continue focusing on expansion of portfolio with higher margin products and increasing share of 512M and DDR2 products.
- On track with 90nm ramp.



## Infineon Group's FQ1 and FY06 Outlook as of Nov 18

Q1 FY06 sales: slight increase expected sequentially

Q1 FY06 one-off charges: no significant amounts expected

FY06 Capex: expected range is EUR 1.2-1.4 bn

FY06 Depreciation: expected at about EUR 1.3 bn

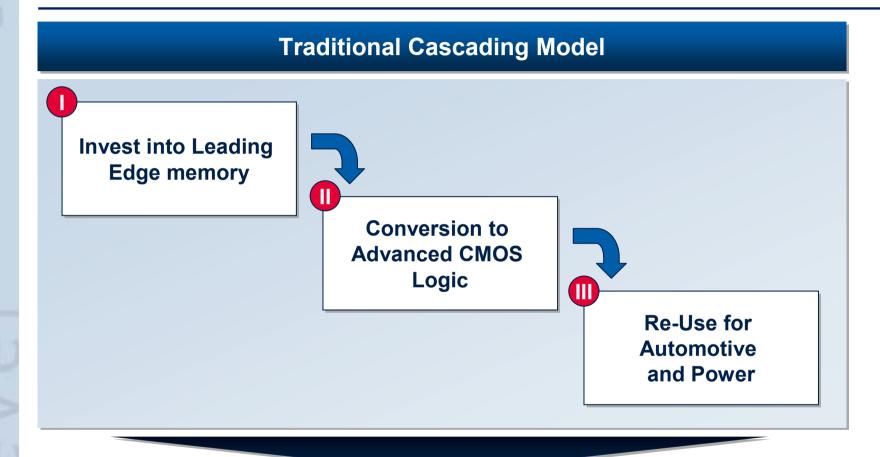


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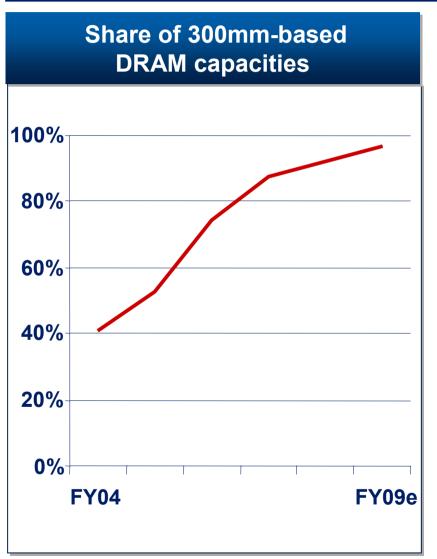
## We Used to Have Synergies in Capacity Re-use

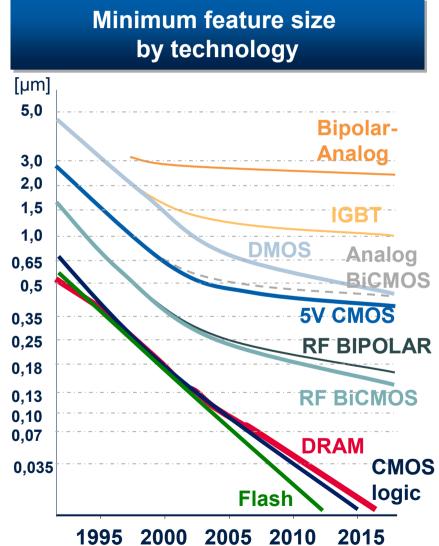


The cascading model resulted in strong interdependencies between the different businesses



## In future, technology changes will lead to declining synergies





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## Reduced synergies and benefits to be realized lead to Carve-out decision

#### Additional benefits from carve-out & IPO

- Aside from declining synergies, we see significant benefits
  - Enhanced capital market access
  - Logic can use funds from IPO for selective acquisitions.
  - Increased flexibility for cooperations
  - Increased Focus
  - More differentiated investing for shareholders

#### **Resulting decisions**

- Carve-Out: Establish Memory as legally separate entity 1-Jul-2006.
- **IPO:** IPO of the Memory Products Group is our preferred solution.
- Strengthening Logic: IFX may use IPO proceeds for selective acquisitions to strengthen logic businesses.

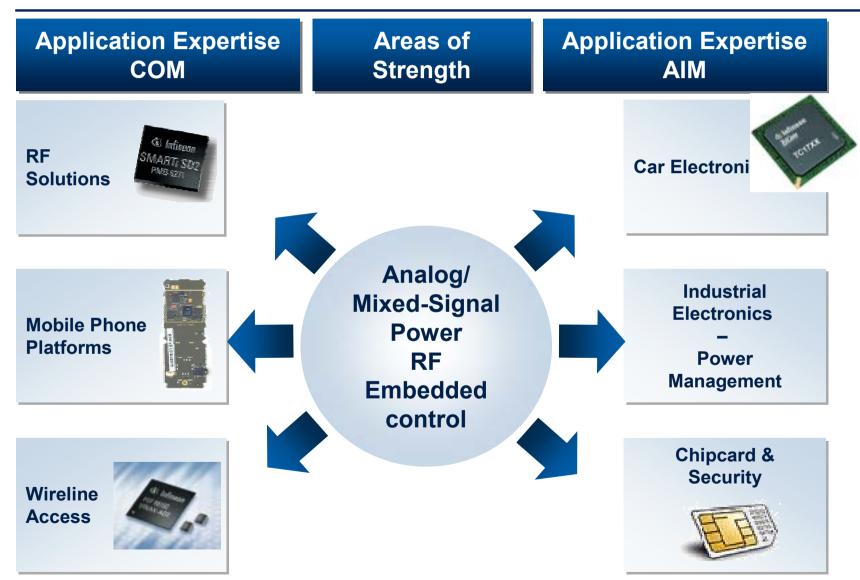


#### Infineon FY05 Roadshow: Contents





## Core strengths in Logic

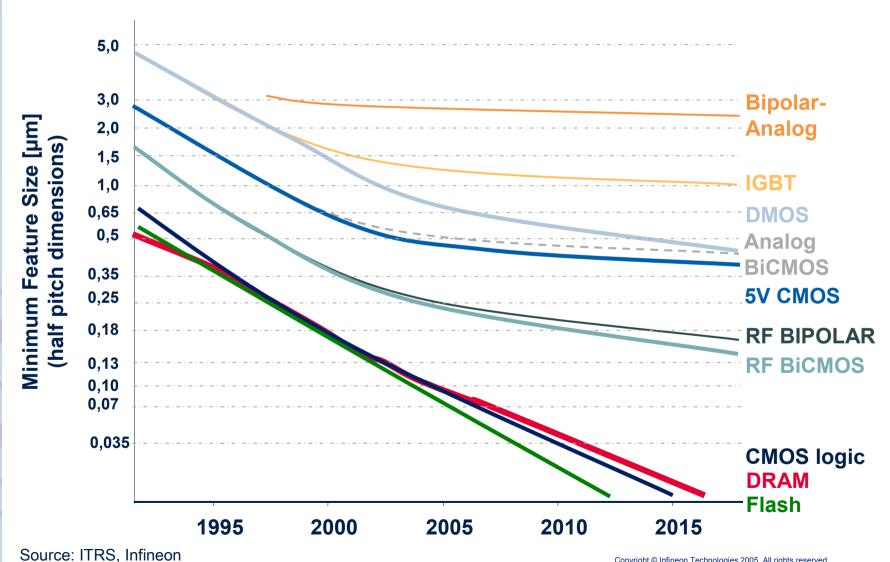


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## Roadmap: Shrink speeds diverging more and more





## Differentiated Manufacturing Strategy

#### **Memory**

Moore's law fully valid, capital intensity remains high.

⇒ Partnership model to continue to optimize CapEx and R&D.

#### **Advanced Logic**

Required volume to fill 65nm/12" fab increasing massively vs 8" fab

⇒ No intention to build our own fab for 65nm and below

#### **Power and RF**

Shrinks less and less relevant, manufacturing and process capabilities a competitive factor.

⇒ Continued invest for in-house power and some RF capacity.



# New Automotive and Industrial power fab in Malaysia on track for 2006 ramp

#### First dedicated Logic fab right from the start!





RFE: March 2006

**Nodes:**  $0.22\mu$  to  $1.5\mu$ 

Capacity: ~100k WSPM on 8" by 2009

**Products:** Power ICs for automotive and industrial applications



Never stop thinking.



## Results for FY05 vs. FY04

[EUR m]	FY04	FY05	Change
Net sales Growth	7,195	6,759	<b>(436)</b> (6%)
Gross margin	35%	27%	
R&D expenses in % of sales	<b>1,219</b> 17%	<b>1,293</b> 17%	74
SG&A expenses in % of sales	<b>718</b> 10%	<b>655</b> 10%	-63
EBIT	256	(183)	(439)
EBIT excluding one-off's in % of sales	588 8%	(79) (1%)	(667)



### One-off's in FY05

[EUR m]

ProMOS license income Restructuring charges Impairment charges Other

**TOTAL** 

FY05

118

(78)

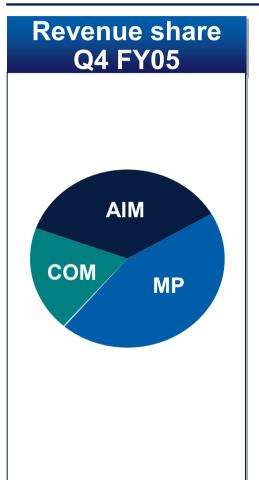
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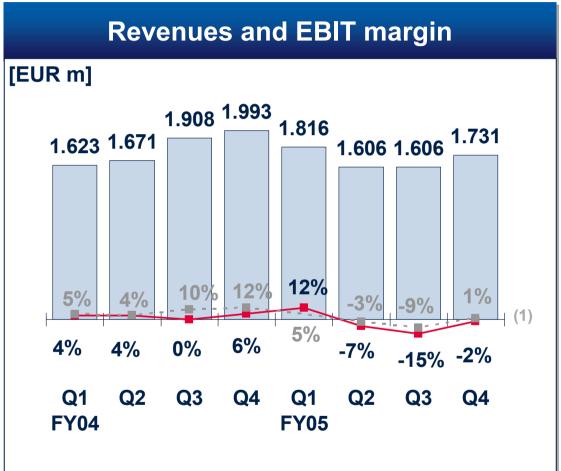
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# Infineon Financials FQ4 Update





(1) Excl. acquisition related expenses, antitrust-related charges and net charges resulting primarily from reorganization measures.

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