

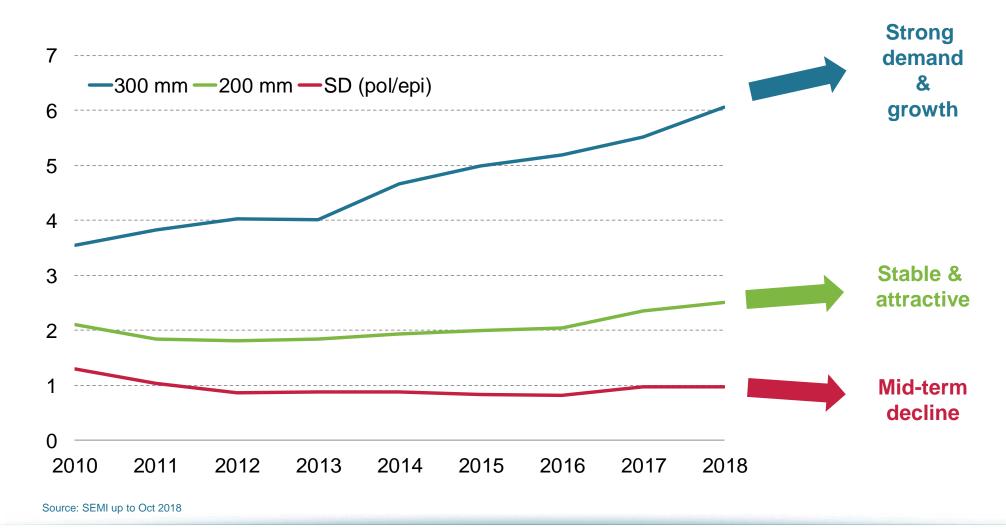
Siltronic Investor Presentation

January 2019



Siltronic is focused on growing 300 mm and attractive 200 mm business.

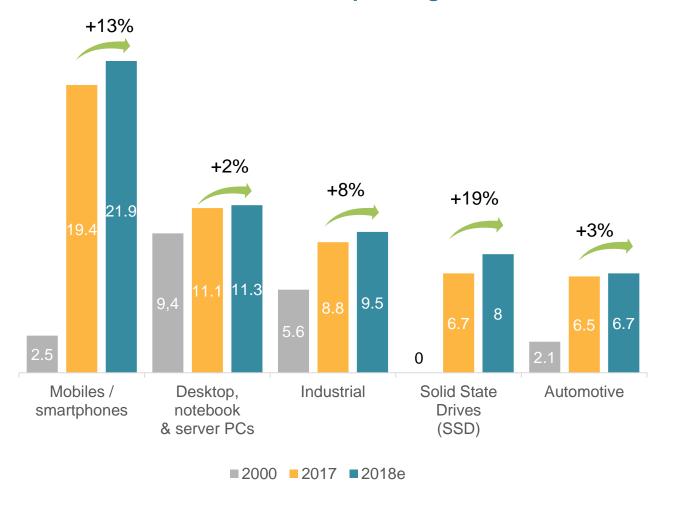
Development of total wafer demand per diameter, in mn 300 mm equivalents per month

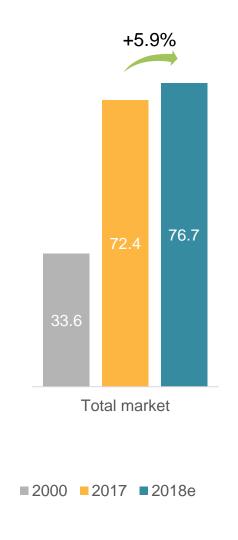




Increasing silicon demand supported by 5 growing end applications

Wafer demand, in bn cm², 2017/2018 expected growth, in %





Source: Data based on IHS Markit, Technology Group, Semiconductor Silicon Demand Forecast Tool, Q4 2018. Results are not an endorsement of Siltronic. Any reliance on these results is at the third party's own risk. Visit technology.ihs.com for more details.



Growth in memory driven by SSD, computing and smartphones

DRAM growth

- Growth in servers
- Increase in DRAM density in servers and smartphones
- Growing Artificial Intelligence functionality



Source: Apple.com

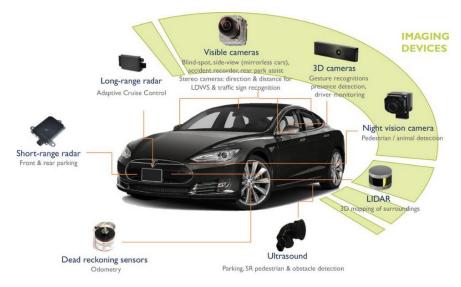
NAND growth

- SSD growing with data traffic and HDD substitution
- ▶ NAND growth in smartphones due to higher density per unit (e.g. iPhone XS with up to 512 GB).
- NAND prices sliding from a high level due to over-supply. Sliding NAND prices positive for wafer demand as falling prices will increase SSD demand in PCs (price elasticity)
- Customers' demand shows ~10% growth (CAGR 18-23)

Automotive growth in all diameters with 300 mm to grow faster than other diameters

Automotive demand

- Infotainment, connectivity and ADAS become standard, driven by consumer request and government mandates
- ADAS, infotainment and connectivity require advanced logic as well as large amounts of memory
- Change in car architecture towards domain and inter-domain control requires fewer, but advanced MCUs instead of large amounts of simple MCUs for each electronic control unit
- Advanced process nodes for logic are on 300 mm



Source: Yole 2018



Semi outlook remains to be bright

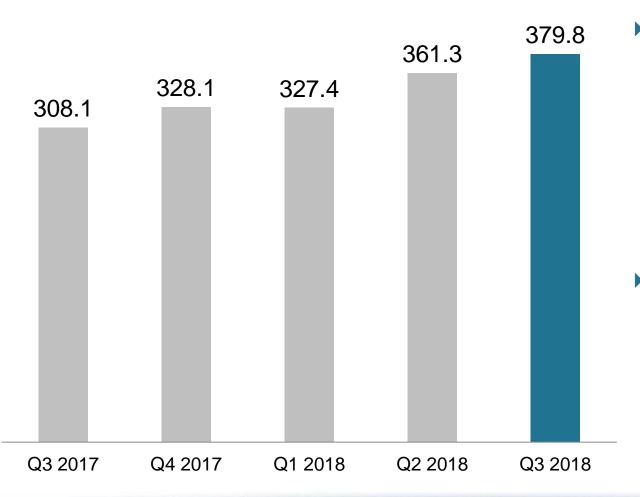
Investor key messages

- Fundamental NAND growth intact
- Smartphone content supported by NAND and CIS development
- Significant investment and ramp in new fabs by NAND players
- Demand of most automotive semi customers strengthening
- We don't see any significant change in the market demand, but we might see some volatility triggered by political events
- Semi Capex on record levels



Q3 sales 5% higher than in previous quarter

Sales, in EUR million



Comment

Positive

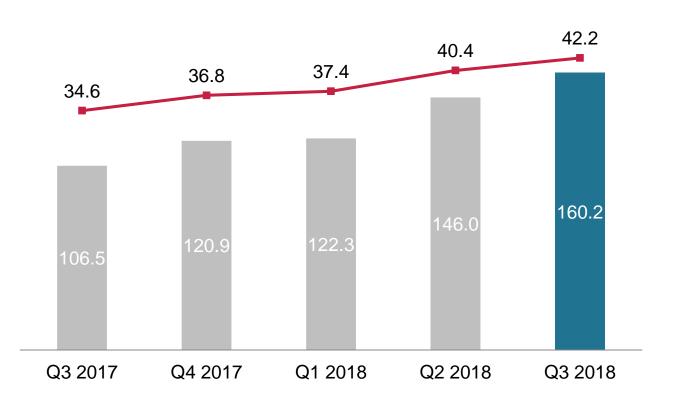
- ASP increase y-o-y and q-o-q
- One-off effect of EUR 8m in Q3/2018: conversion of a customer from sea freight to air freight
- Slight tailwind from USD q-o-q

Negative

Headwind from USD y-o-y (but not as much as expected at the beginning of the year)

EBITDA and **EBITDA**-margin further up

EBITDA margin in %; EBITDA in EUR million



Comment

Positive

- Higher ASP y-o-y and q-o-q
- Slight tailwind from USD q-o-q
- Slightly lower cost per wafer area q-o-q

Negative

Headwind from USD y-o-y (but not as much as expected at the beginning of the year)

Financials improved strongly over the last years

Adjusted¹ financial figures (EUR million)	2013	2014	2015	2016	2017	Q1-Q3 / 2018
Sales	875.5	853.4	931.3	933.4	1,177.3	1,068.5
EBIT	(87.3)	(31.6)	2.7	27.0	235.7	358.8
EBIT margin in %	(10.0)	(3.7)	0.3	2.9	20.0	33.6
EBITDA	112.6	117.7	124.0	146.0	353.1	428.6
EBITDA margin in %	12.9	13.8	13.3	15.6	30.0	40.1
CapEx	39.7	40.7	75.0	88.8	123.2	141.3
Free cash flow ²	64.7	86.3	37.4	19.0	169.6	-
Net cash flow ²	-	-	-	39.6	124.8	272.7

¹ Figures 2013-2014 adjusted for consolidation effects resulting from acquisition of SSW and restructuring

² Starting 2018, Siltronic will be reporting the key figure "net cash flow" instead of "free cash flow". Net cash flow represents free cash flow without the time shifts created by inflow and return of customer prepayments which, due to the size, impairs the meaningfulness of free cash flow.



Equity further increased due to strong profit for the period, solid equity ratio stable at about ~48%

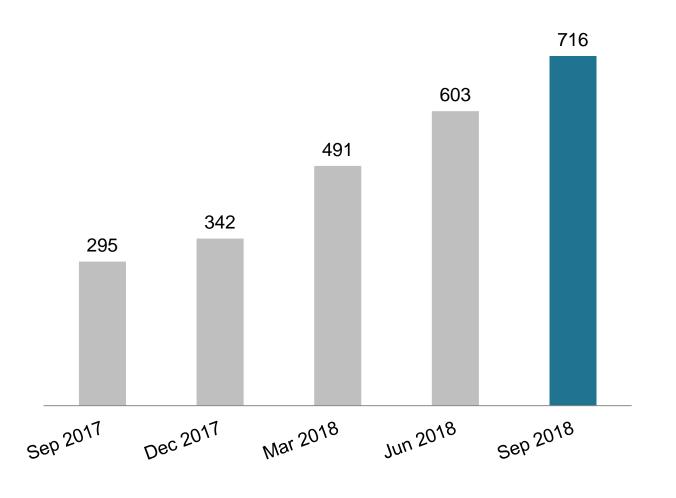
Balance sheet, in EUR million

Assets	Sep 30, 2018	Dec 31, 2017	Comments Sep 30, 2018	Equity and liabilities	Sep 30, 2018	Dec 31, 2017	Comments Sep 30, 2018
Non-current	652.4	546.6		Equity	841.7	637.9	
PP&E	587.1	513.3					
Other fixed	43.8	32.0	21 intangibles (related to SSW) 1 hedging	Siltronic	822.1	637.3	
Securities and fixed-term deposits	21.5	1.3		Other shareholders	19.6	0.6	Samsung's 22% in SSW
Current	1,087,4	705.8		Liabilities	898.1	614.5	
Inventories and contract assets	152.0	149.9		Pension provisions	373.6	367.2	Germany and US
Trade receivables	167.4	159.9		Other provisions	124.5	54.6	37 personnel related (e.g. early retirement)
Other current 73.7	72 7	52.0	4 hedging	Trade liabilities	91.6	67.1	
	13.1	53.9		Customer	044.4	CO 0	
Cash, fixed term			prepayments	241.4	69.8		
deposits and securities	694.3	342.1		Other	67.0	55.7	50 employee-related 11 hedging
Total	1,739.8	1,252.4		Total	1,739.8	1,252.4	



Net financial assets exceed EUR 700 million for the first time

Net financial assets, in EUR million

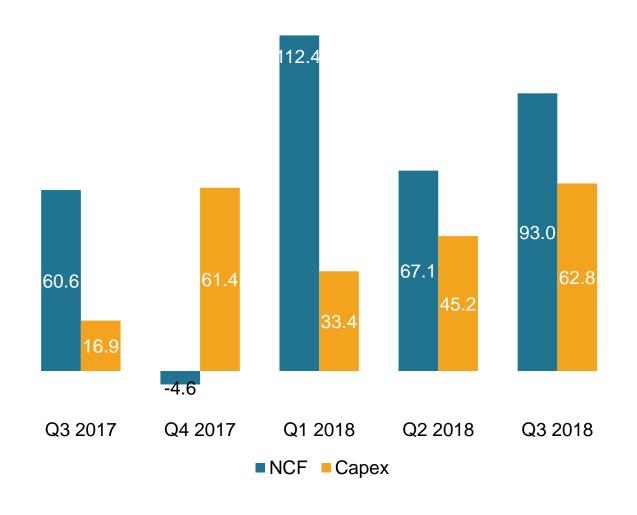


Comment

- Prepayments of EUR 171.5m (net) received until September 2018
- Total prepayment balance EUR 241.4m

Strong net cash flow despite investments in the future

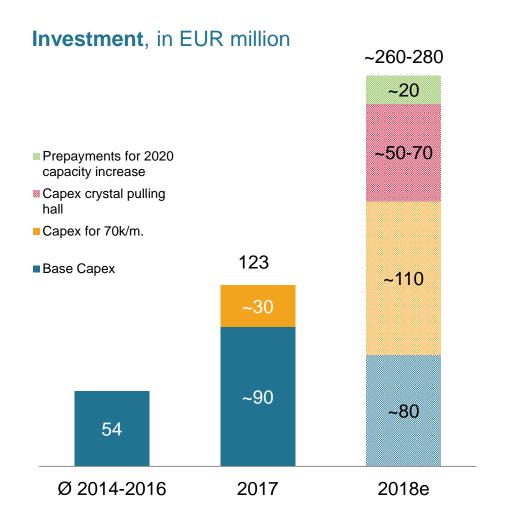
Capex and NCF, in EUR million



Comments

- Net cash flow of EUR 93.0m in Q3 2018
- Capex increase in Q3 related to:
 - capacity expansion in 2019
 - new crystal pulling hall in Singapore
 - ongoing automation projects
- Capex in 9M 2018: EUR 141.4m
- Expected capex in Q4 2018: approx. EUR 120-140m
- Capex guidance for FY 2018 unchanged EUR 260m-280m

Capex 2018: Investment in the future



Comments

- Capex of EUR ~140m for 70k wafers/month over 2 years
- Capex in 2018 includes new crystal pulling hall in Singapore to create sufficient crystal pulling capacity to further expand wafer capacity in 2020
- Due to long lead-times additional crystal pullers already ordered
- Prepayments for capacity additions in 2020 already in 2018
- Capex base level to sustain business:
 - MOB (maintenance of business)
 - Capabilities
 - Cost reductions
 - Automation

Siltronic Outlook for 2018 (as of October 25, 2018)

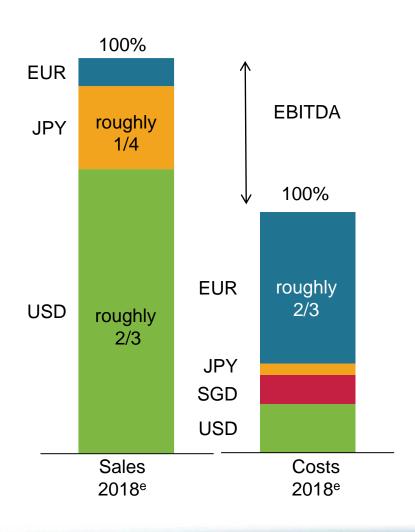
EBITDA margin	approximately 40%
ROCE	clearly higher than in 2017
Net cash flow	clearly higher than in 2017
Sales	slightly above EUR 1.4bn, depending on FX effects update
R&D	approx. 5% of sales
Cost position	negative effect on savings potential due to tariff increases and inflation
FX effects	assuming an EUR/USD exchange rate of 1.20 and an EUR/JPY exchange rate of 130 negative FX impact of approx. EUR 60m on sales and approx. EUR 40m on EBITDA
Depreciation	approx. EUR 90m
Tax rate	between 15% and 20%
Financial result	relatively stable
CapEx	approx. between EUR 260m and EUR 280m
Earnings per share	significantly higher than in 2017





Increasing FX exposure due to higher margins

FX exposure



USD exposure 2018

hedging ratio approx. 40%

excl. profit

hedging ratio approx. 75%

JPY exposure 2018

hedging ratio approx. 30%

excl. profit

hedging ratio approx. 50%

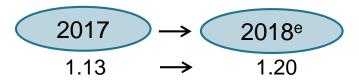
At FX rates (1.20/130) negative impact on sales by approx. EUR 60m and on EBITDA by approx. EUR 40m

Change USD, in EUR million

1 ct ~ EUR 8.0m sales

~ EUR 6.5m EBITDA unhedged

~ EUR 4.5m EBITDA after hedging



~ EUR -55m sales

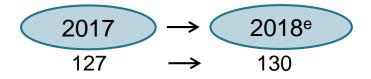
~ EUR -35m EBITDA

Change JPY, in EUR million

1 JPY ~ EUR 2.5m sales

~ EUR 2.0m EBITDA unhedged

~ EUR 1.0m EBITDA after hedging

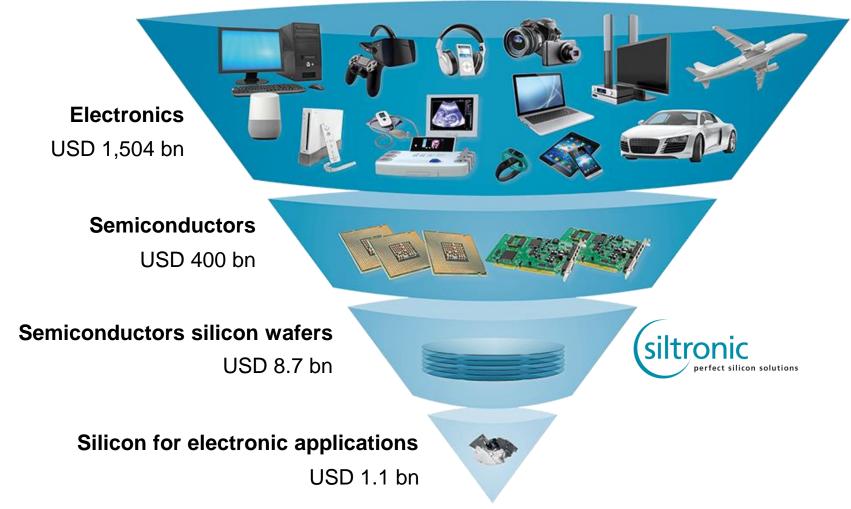


~ EUR -8m sales

~ EUR -4m EBITDA

Increasing demand for electronic devices and new applications drive semiconductor growth, which in turn fuels silicon demand

Electronics value chain 2017

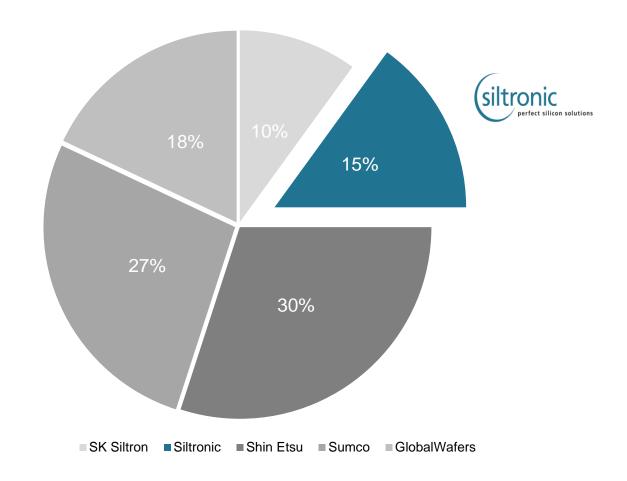


Source: Electronics (IC Insights), Semiconductors (WSTS, only silicon-based), Silicon wafers (SEMI SMG), Electronic applications (estimate)



Siltronic is a strong wafer supplier with leading-edge technology

Top 5 wafer producers serve more than 90% of market across all diameters



Sources: reported company revenues FY 2017, converted to USD million



Customer base well diversified across all major semiconductor silicon wafer consumers

Siltronic is a supplier to all top 20 Silicon wafer consumers









































Siltronic well positioned at all major Silicon consumers

Top 10 customers represent ~73% of 2017 revenues

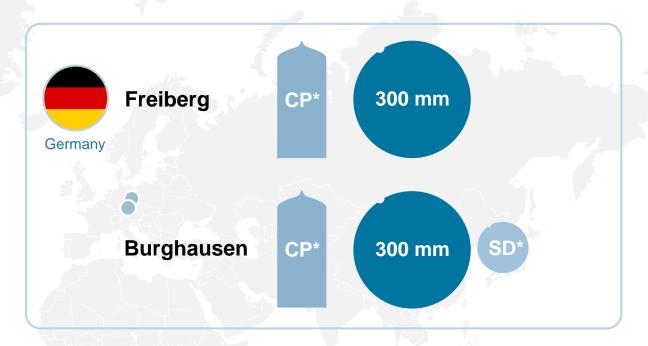
Source: Company Information, Siltronic



International manufacturing network supports market leadership and business focus



- ► Central R&D hub in Burghausen
- ► High volume facilities for 300 mm in Germany and Singapore
- Among world's newest & largest fabs in Singapore

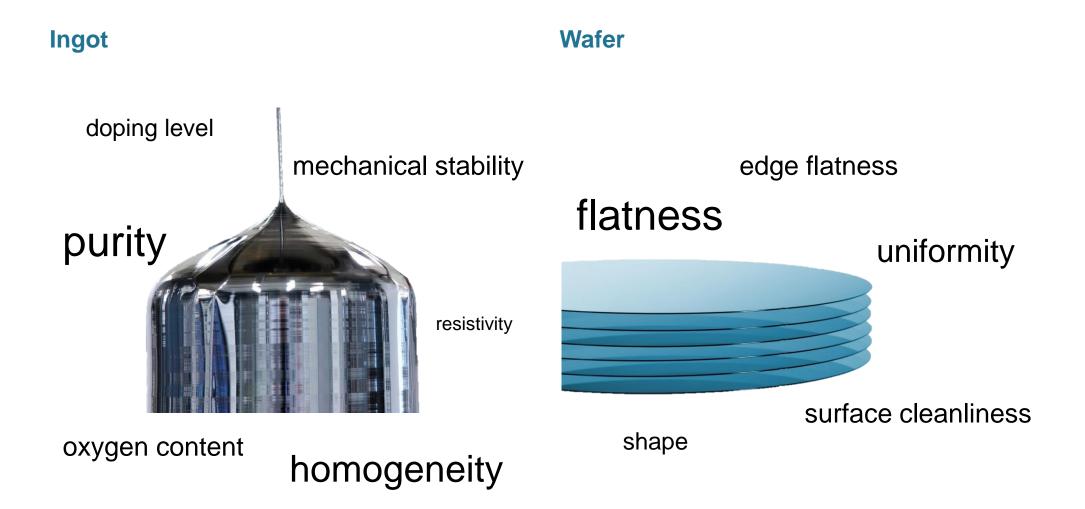




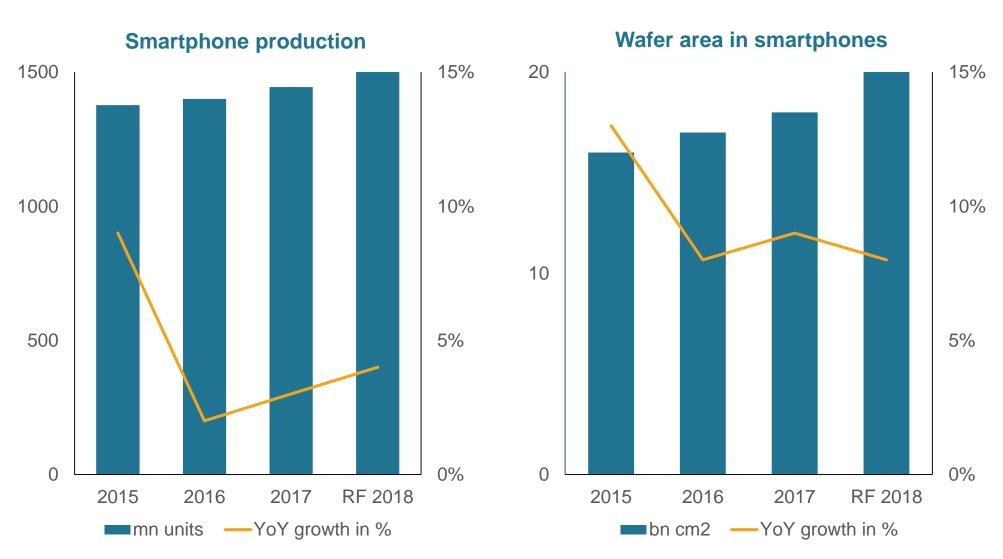
*CP = Crystal Pulling | *SD = 150 mm and smaller



Continuous improvement of key ingot and wafer properties to meet customers' requirements



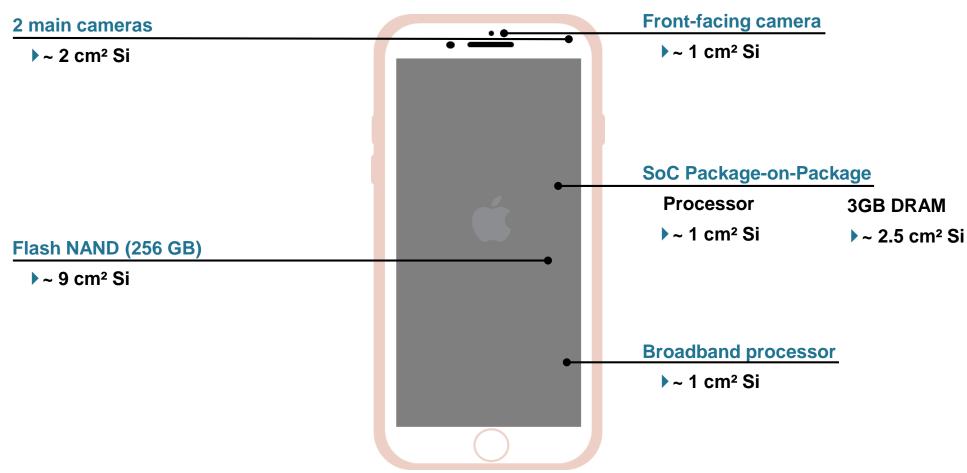
Smartphone growth slowing, however silicon content increasing with more memory and other features



Source: Data based on IHS Markit, Technology Group, Semiconductor Silicon Demand Forecast Tool, Q2 2018. Results are not an endorsement of Siltronic. Any reliance on these results is at the third party's own risk. Visit technology.ihs.com for more details



Major semiconductor devices in the Apple iPhone 8 Plus (256 GB model)



Some additional features:

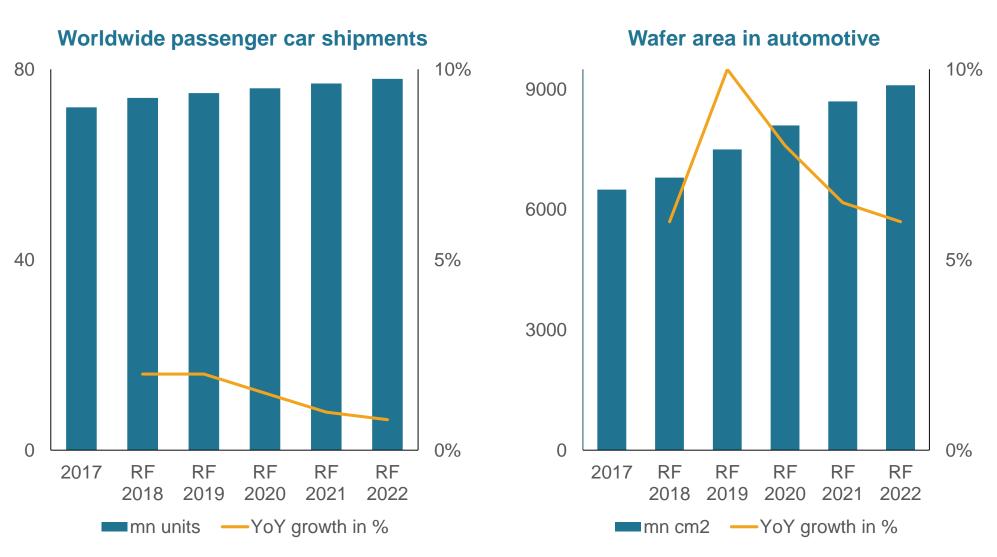
- ▶ 3 Power management ICs vs. 2 in iPhone 7
- Time-of-Flight chip introduced at iPhone 7

- ▶ Processor includes Image Signal Processor and Video Encoder
- Wireless Charging

Source: Apple, TechInsights, Siltronic Marketing



Car shipments growing slowly, silicon content in automotive estimated to grow by 7% (CAGR 2017-2022)



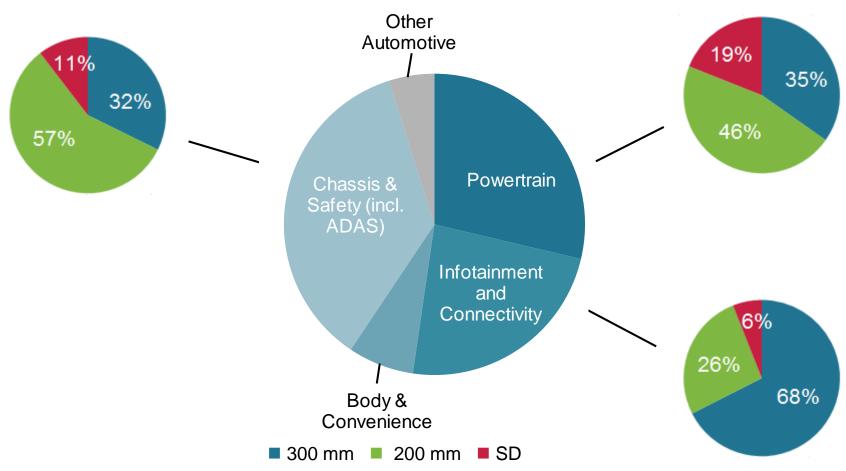
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Other Source: Statista



Within a car, most silicon is used for powertrain, infotainment and safety

2018 silicon demand in automotive, in %



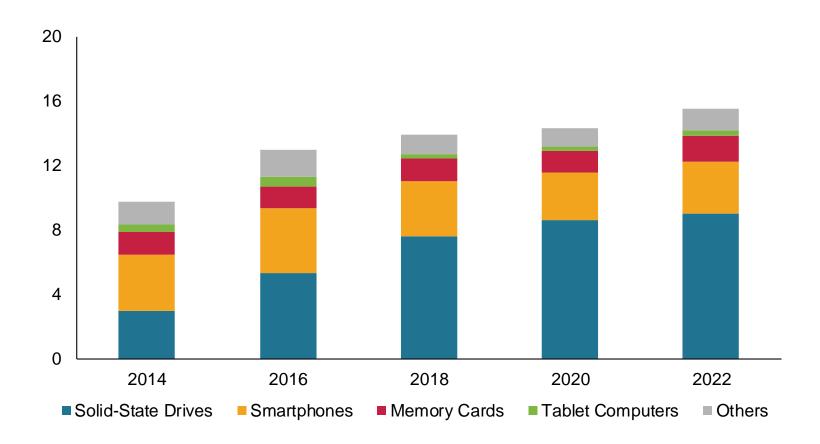
¹ ADAS = advanced driver assistance system

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Silicon demand for NAND driven by growing demand for solidstate drives and increasing storage in smartphones

NAND silicon area demand by applications, bn cm² p.a.

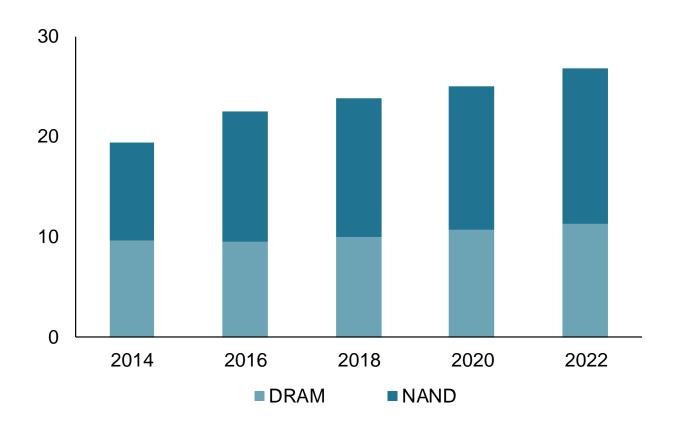


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NAND is the growth engine in the memory sector - silicon area for DRAM only shows moderate growth

Split of memory silicon area market by DRAM and NAND, bn cm² p.a.



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ISIN: DE000WAF3001

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Deutsche Börse: WAF

Listing: Frankfurt Stock Exchange

Prime Standard

Financial Calendar

Preliminary financial figures January 31, 2019

Annual Report 2018 March 5, 2019

Q1 Quarterly Statement May 3, 2019

Annual General Meeting May 7, 2019

Half Year Report July 25, 2019

Q3 Quarterly Statement October 24, 2019







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