

Psi Corporate and Business Introduction

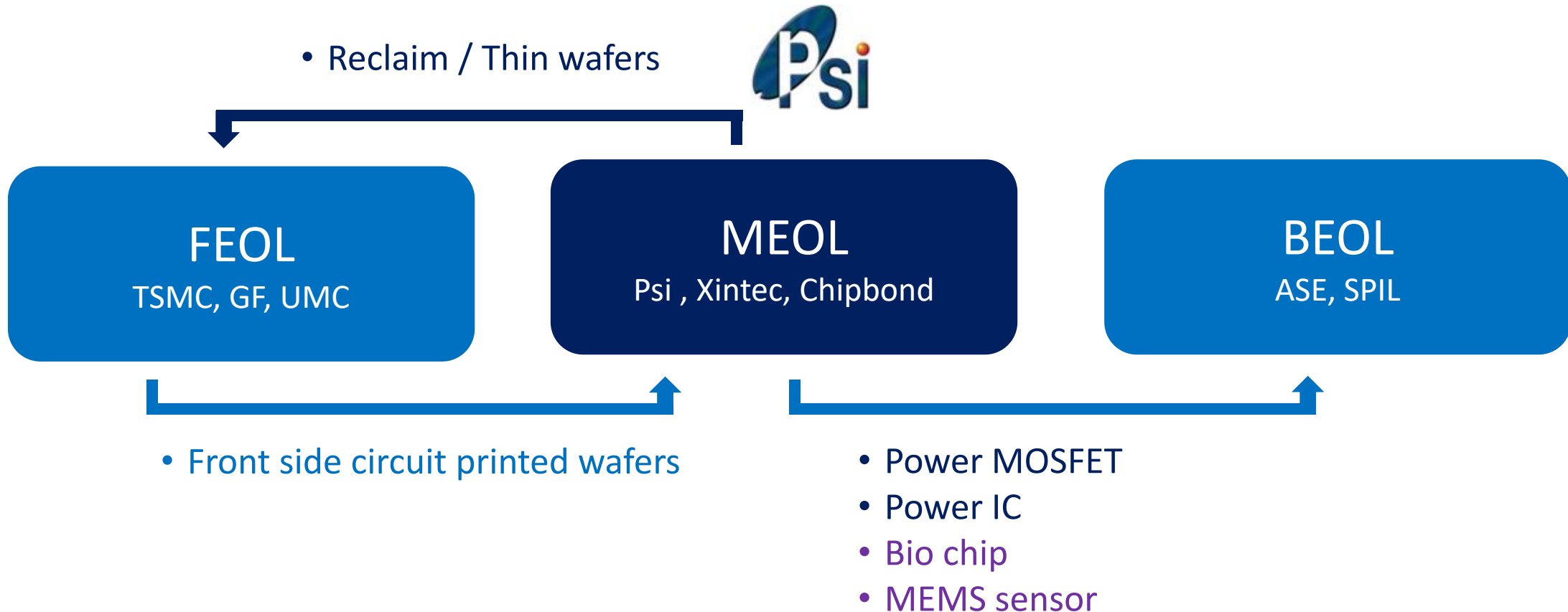
Dec. 2018

Safe Harbor Notice

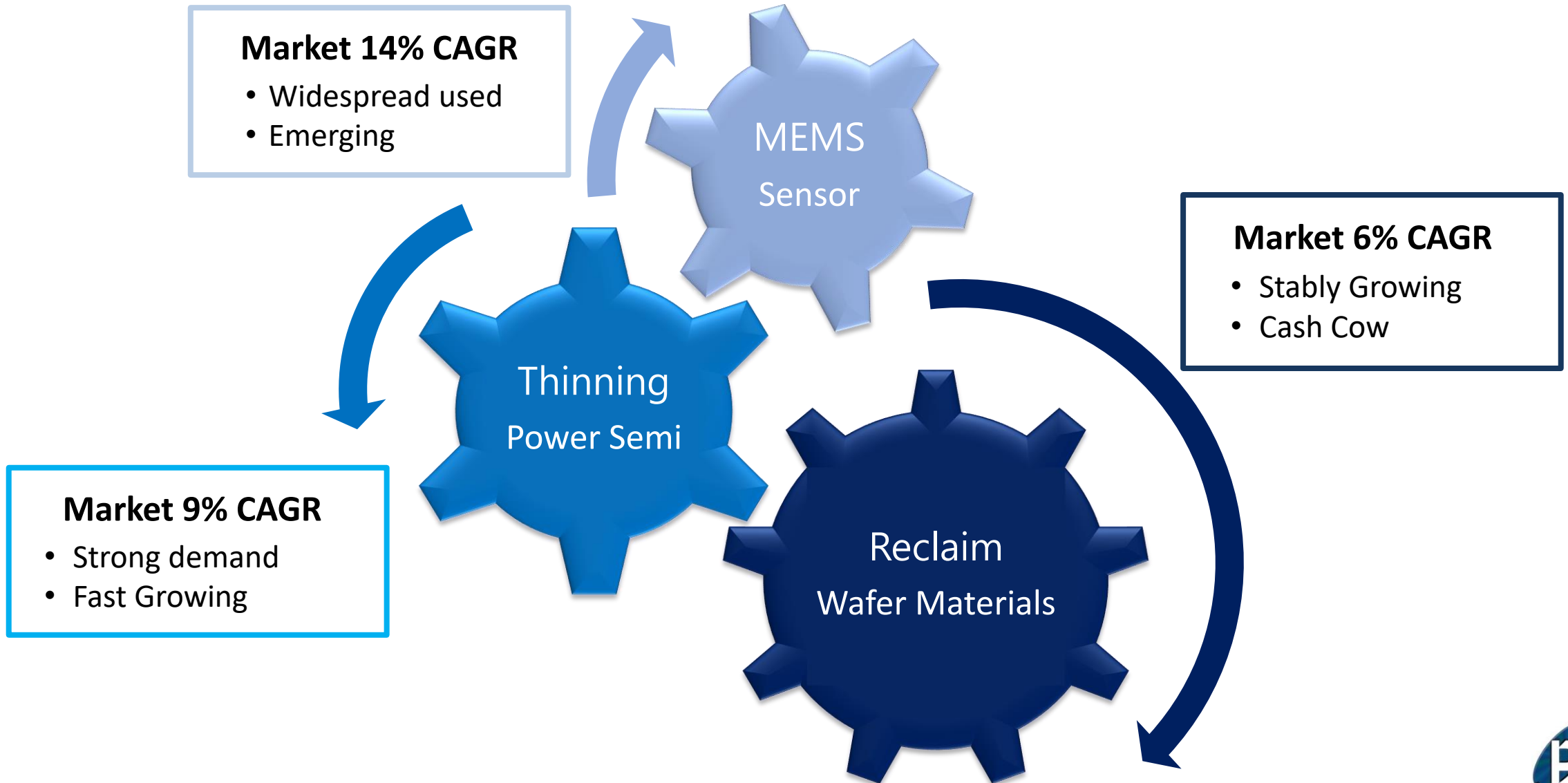
- Psi's statements of its current expectations are forward-looking statements subject to significant risks and uncertainties and actual results may differ materially from those contained in the forward-looking statements.
- Information as to those factors that could cause actual results to vary can be found in PSI's Annual or Quarterly Report filed with Taiwan Stock Exchange Corporation (TWSE) and such other documents as PSI may file with, or submit to the TWSE from time to time.
- Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events, or otherwise.

Corporate Highlights

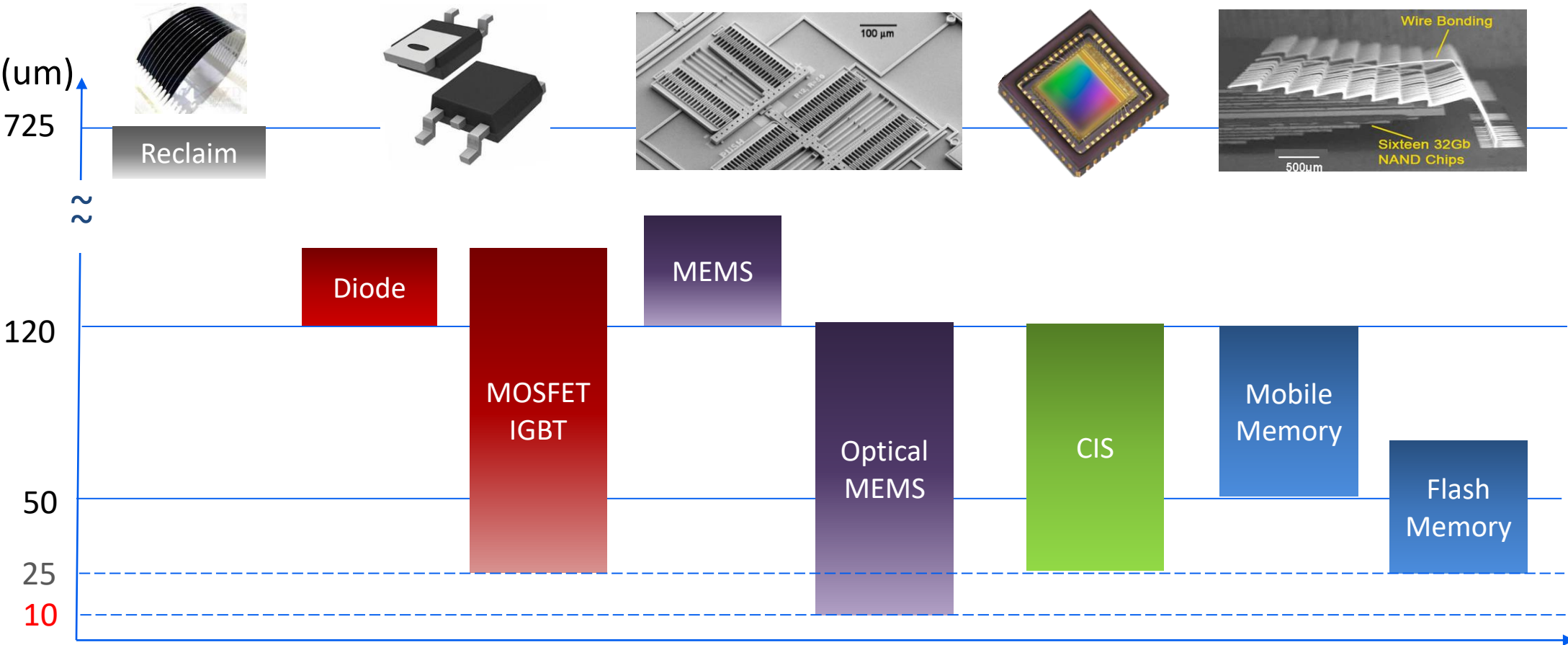
Specialty MEOL Process Services



Three Growing Business

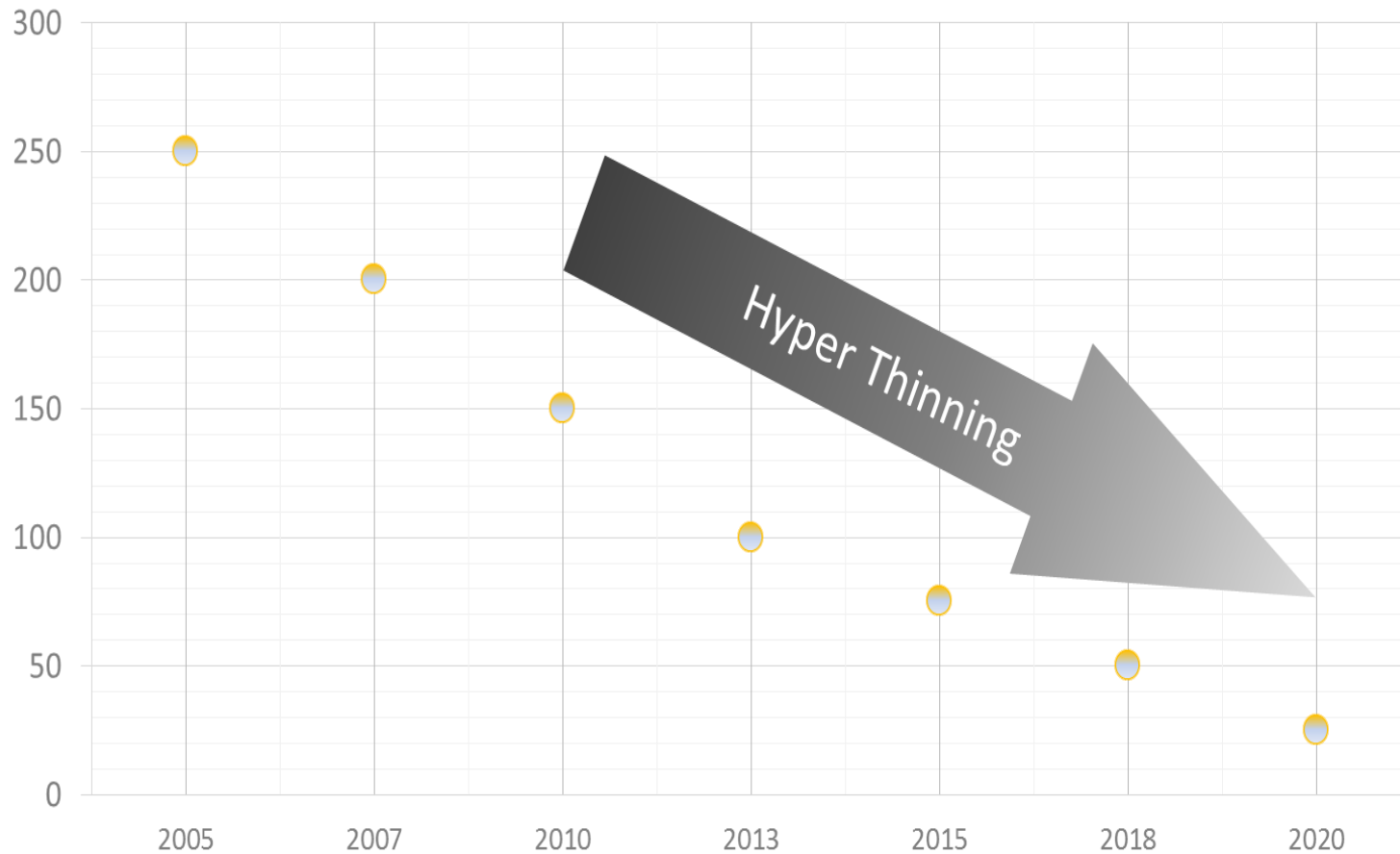


Semiconductor Thinning Trend



Enhance Product Function

MOSFET Thinning Technology roadmap



- Improve electrical performance, :Lower Rds_on
- Low heat dissipation
- Very thin packaging

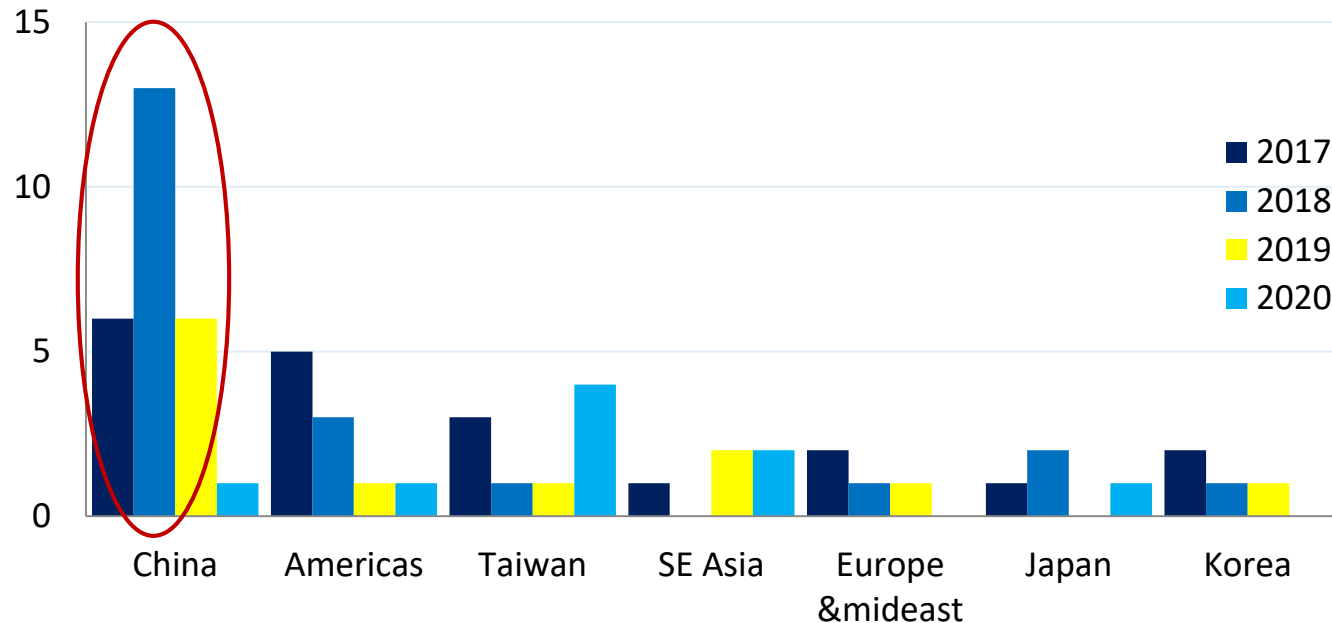
Key Investment Highlights

Key Investments Highlights

1. Clear Beneficiary of Growing SEMI Market
2. IDM Outsourcing Share constantly increasing
3. Strong Partnerships With Industry Leaders on Core Tech. & Services
4. Leading Power semi MEOL Foundry

Clear Beneficiary of Growing Fab

New Facilities & Lines Starting Operation
(Front End, all probabilities)



Source: World Forecast report (NOV. 2016, SEMI)

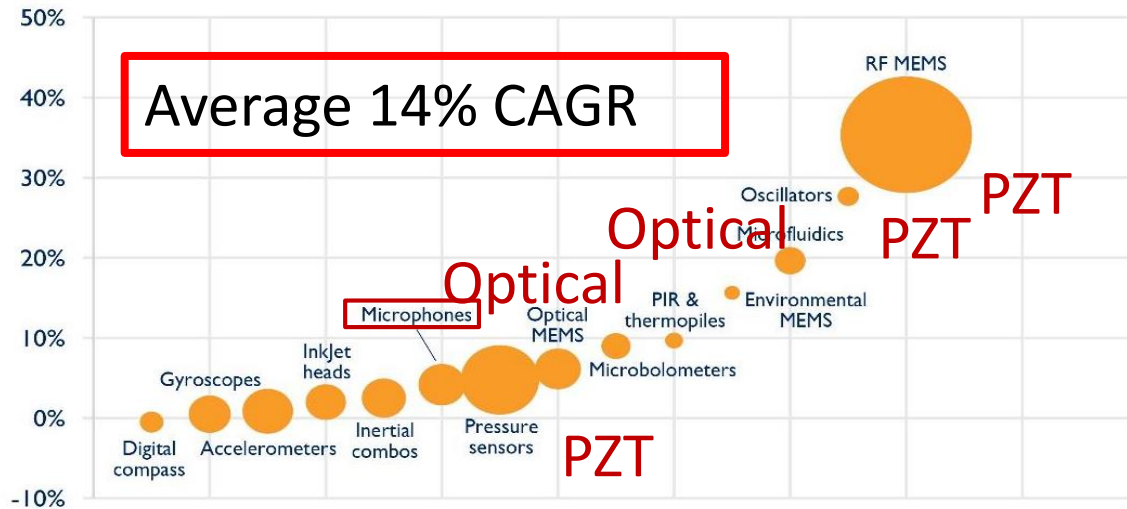
- Reclaims demand keep growing as SEMI grows
- China fab fever will continue, especially SMIC, YMTC/XMC
- China market
Phase I Low volume from Taiwan
Phase II High volume operation in China

Clear Beneficiary of Growing MEMS /Sensor

2017-2022 MEMS CAGR for the different MEMS devices

(bubble sizes are proportional to 2022 market size in M\$)

(Source : Status of the MEMS Industry 2017, June 2017, Yole Développement)

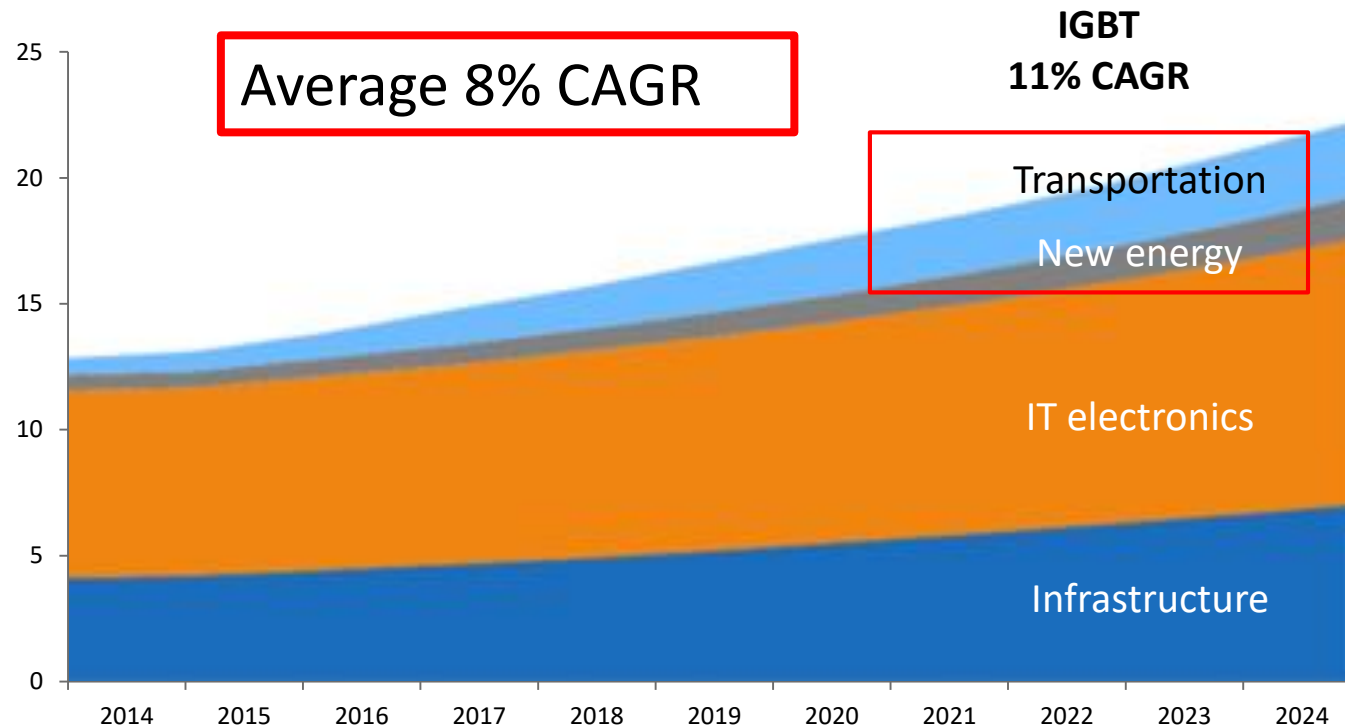


Source: Yole

- DM still dominate MEMS market while foundry business is highly selective
- Choose the OEM products base on Psi's core competence, Thin Wafer Process
- Collaborative rather redundant foundry mode could sustain win-win relationship

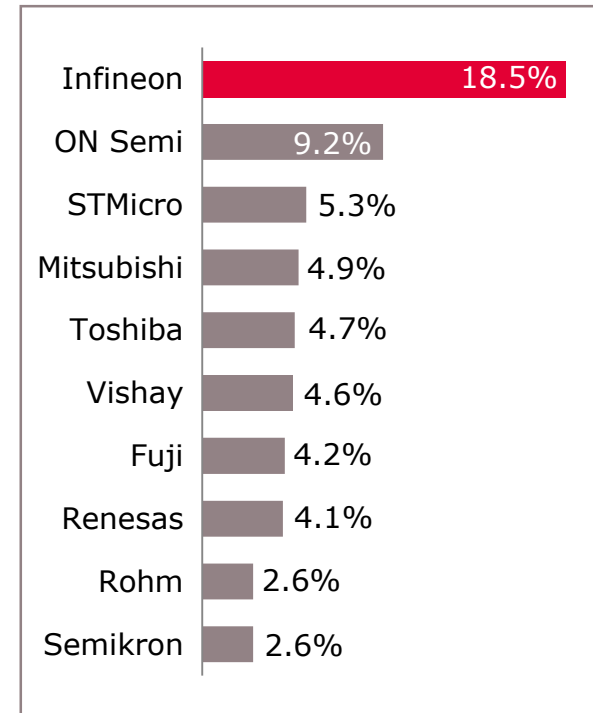
Driven by Automotive, Industry 4.0, New Energy

Total discrete electronics market is set to reach \$23billion in 2024



Source: Lux Research Inc.

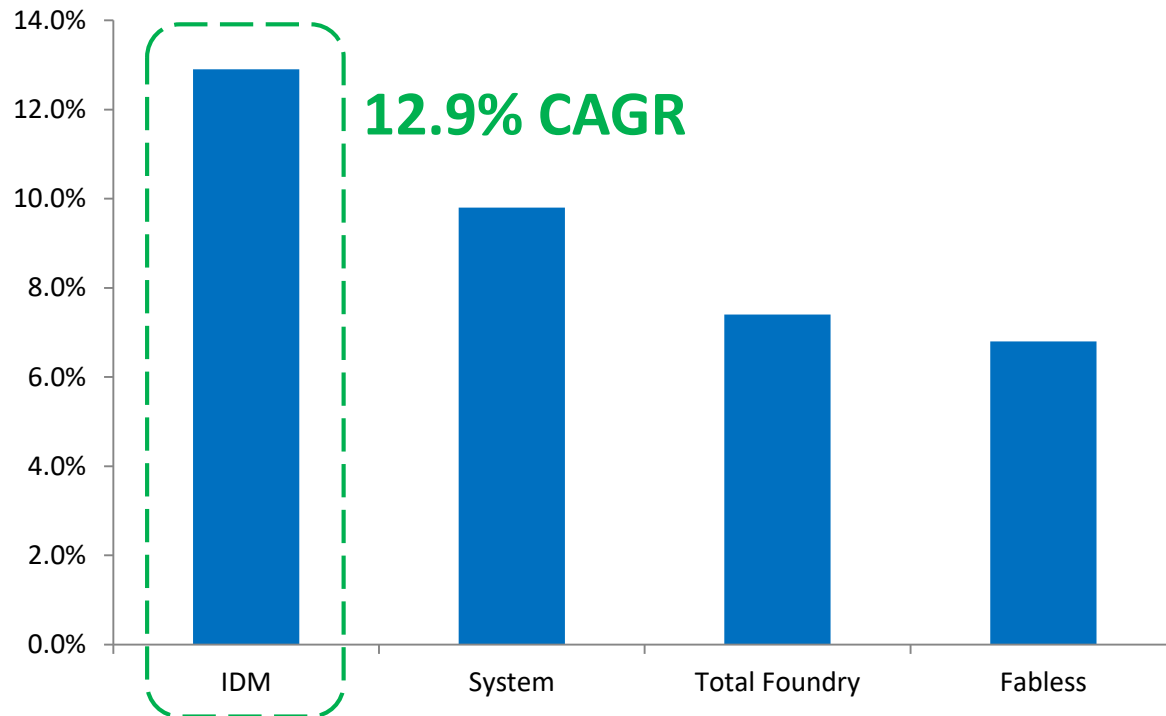
Power discretes and modules
total market in 2016: \$15.9bn



Accelerating Trend of Outsourcing

IDM client should see 12.9% CAGR over 2017-2021,
Strongly outpacing total foundry growth of 6.8%

2017-2021 CAGR



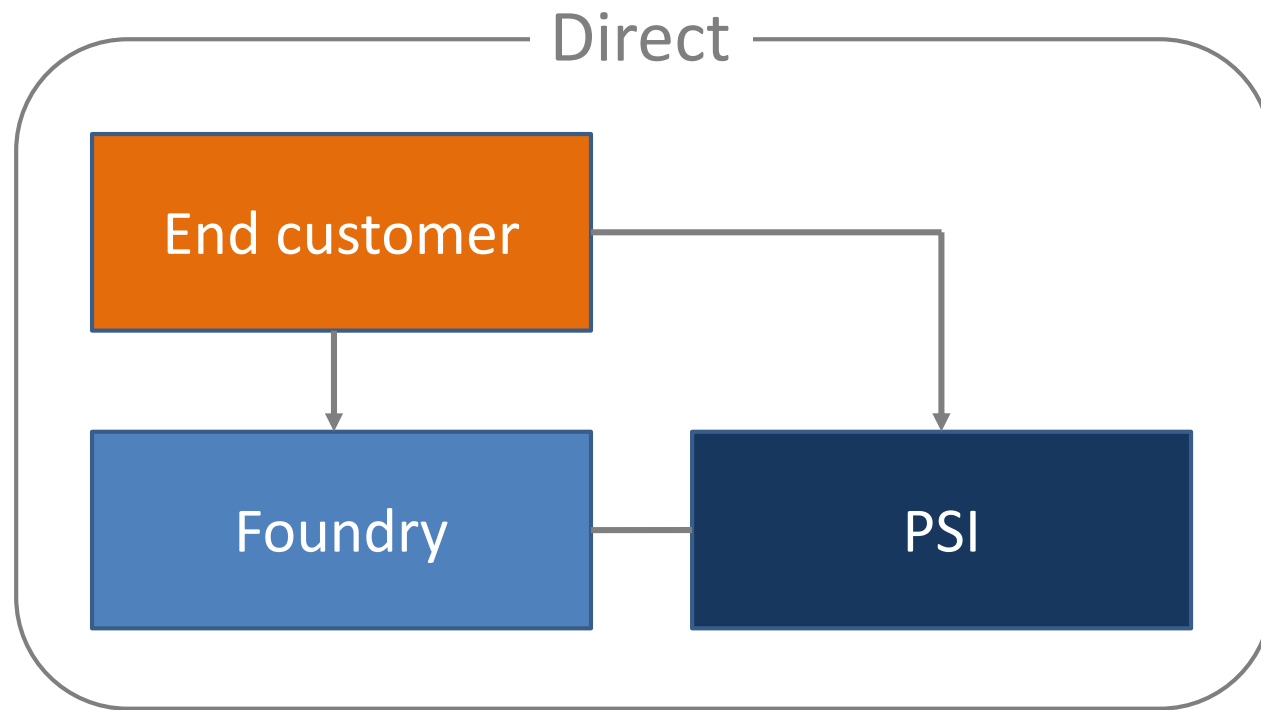
Source: Gartner, Nomura

- Asset-light strategy of global IDMs
- In the next 5 years, Infineon frontend outsourcing share will increase from ~22% to ~30%.
- Power semi IC fabless is fast growing

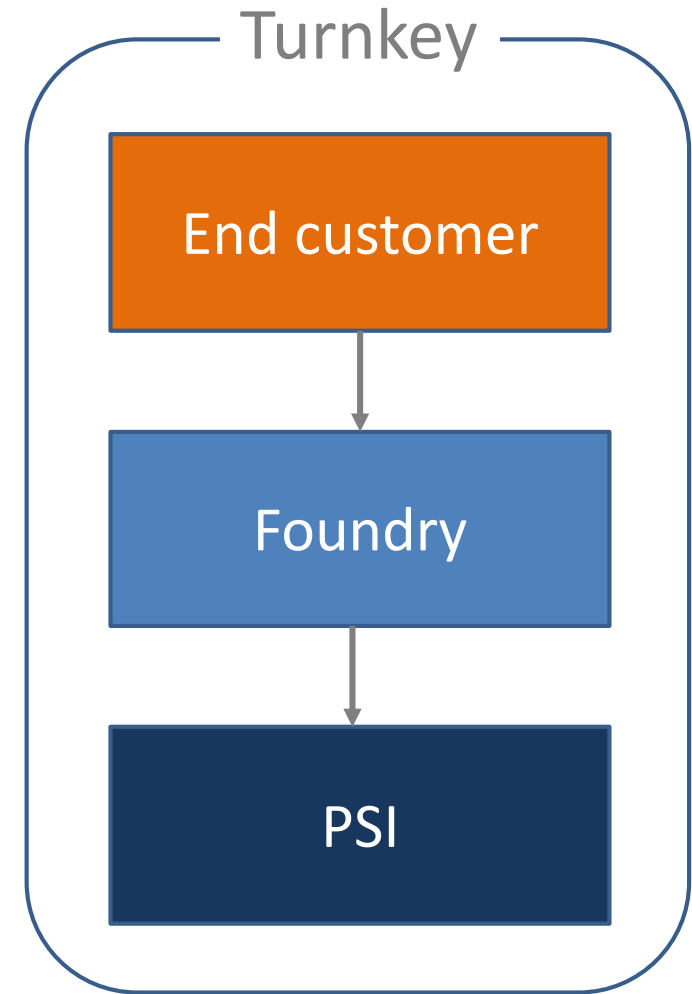
Major Customers: Tier-1 in Each Field



Business Model: Direct or Turnkey



Because of IP Protection



Leading Power semi MEOL Foundry

- Unique etching material
- Thinning wafer OEM Capacity WW NO.1, Continue Expanding
- Quality and Yield rate meet Tier-1 IDM's specification
- Thin wafer mass production experience (> M pieces)

Summary

Specialty MEOL Process Service

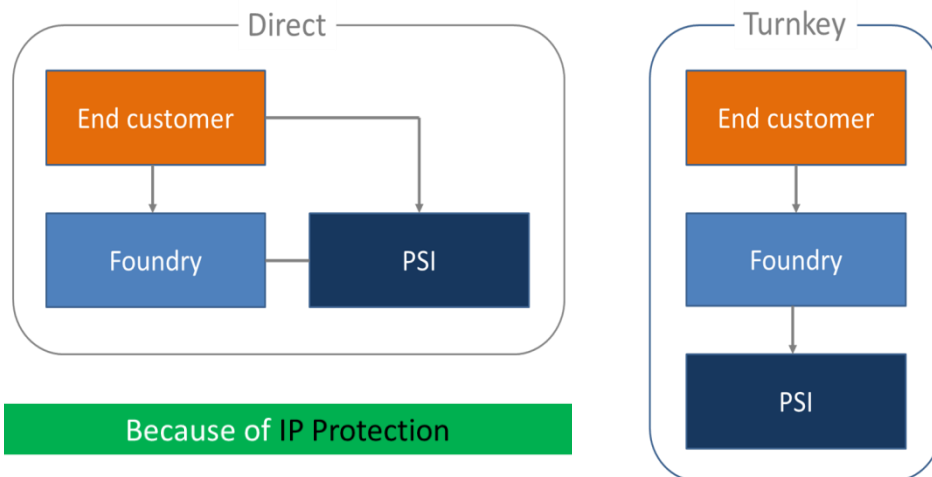
- **WW NO.1 Efficient Reclaim Wafer foundry**
- **WW NO.1 Power device MEOL foundry**
- **WW No.1 MEMS automation foundry**

Power Semi & MEMS



Thinning

Business Model



Core Competence

- **Unique Etching Material**
- **> 50 μm ultra thin MP Experience**
- **Meet Tier-1 IDM's Specification**
- **Competitive Cost Structure**

Business Outlook



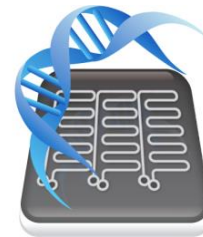
- Cultivation TW

CHINA

- Pay attention to CN



- Capacity optimization



- Acoustics, Optical, Bio Sensor



- Power Semi for Vehicle Spec



- Advanced Reclaim Wafer



Thinner Is Better
Thinning Is the King



Q & A
