

China CMOS Image Sensor & Camera Module Market Tracker

Part of Semiconductor Components Service Area Package

Comprehensive examination of China CMOS image sensor market base on application. This report analyses the competitive landscape and the major players and their strategies. The emerging technology section of the report also captures the recent development in the market.

“ Like human eye, the role of an image sensor is to provide the sensation of vision. After years of development, the CMOS image sensor market has experienced rapid expansion driven by smartphone shipment. The growth rate of CIS will far exceed that of smartphone in the future due to the popularity of IoT and new lifestyle. ”

Carol Yang
Senior Research Analyst

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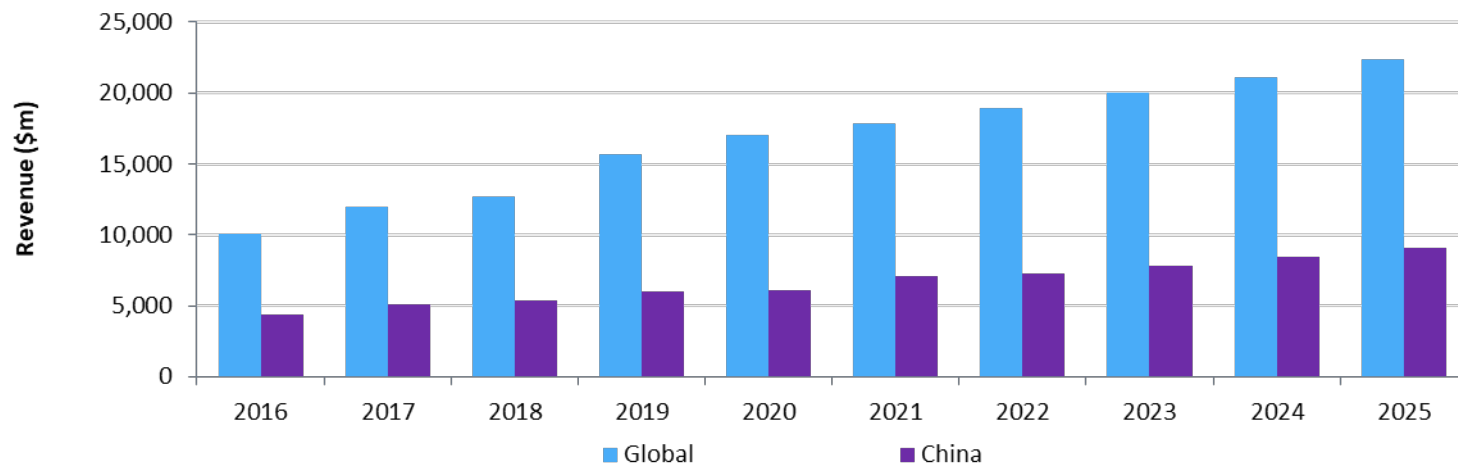
HOW OMDIA HELPS YOU

- Provide the roadmap and technology transition of CMOS image sensors
- Competitive rankings of suppliers by application
- Provide five years of market forecasts and offer analysis covering key application markets
- Detailed picture of the supply landscape

KEY QUESTIONS ADDRESSED

- What is the market size of the CIS in different process node? What is the split between rolling shutter and global shutter CIS? What is the percentage of CIS shipment in FSI, BSI and BSI stacked technology?
- Who are the market leaders in various applications? What are their advantages and weaknesses?
- What will be the market size of CMOS image sensors for different application in the next five years? Who are the market leaders in various applications?
- Who are the CIS manufactures, what are their fab capacities?

Global and China CMOS image sensor revenue forecast



Source: Omdia

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China Semiconductor Components: Our Expert Analysts



Hui He
Senior Research Manager
**China semiconductor
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**Battery, PCB and
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Carol Yang
Senior Research Analyst
CMOS image sensor

Market Tracker

China CMOS Image Sensor & Camera Module Market Tracker

Comprehensive examination of China CMOS image sensor market base on application

DETAILS

Frequency:

- Semi annually updated

Deliverable:

- Database (XLS)
- Report with analysis (PDF)

Measures

- Semiconductor revenue by device type
- Semiconductor revenue by application type
- Semiconductor units by device type
- Semiconductor units by application type
- Vehicle production units

Regions

- Global/China

COVERAGE

Timeline:

- 5-year annual forecast (2021 – 2025)
- Base historic years (2016 – 2020)

Device Types:

- CIS
- Camera module

Applications:

- Smartphone
- Automotive
- Security surveillance

APPLICABLE TO

Industry Segments:

- Smartphone OEMs and supply chain
- CMOS image sensor suppliers and manufacturers
- Camera module suppliers
- Business consulting and financial firms

Persona/Function:

- Procurement
- Product development
- Business development
- Strategic planning
- Product marketing
- Business marketing

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China CMOS Image Sensor & Camera Module Market Tracker

Comprehensive automotive semiconductor tracker that covers the latest market conditions and forecasts for component devices and vehicle applications

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- Global CIS roadmap

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- China CIS revenue by app
- China CIS shipment by app
- China CIS revenue by Top Players

Application

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- Smartphone CIS Resolution Mix
- Smartphone OEM & Partners
- Automotive CIS Share
- Automotive CIS Resolution Mix
- Automotive OEM & Partners
- Surveillance CIS Share
- Surveillance CIS Resolution Mix
- Surveillance OEM & Partners

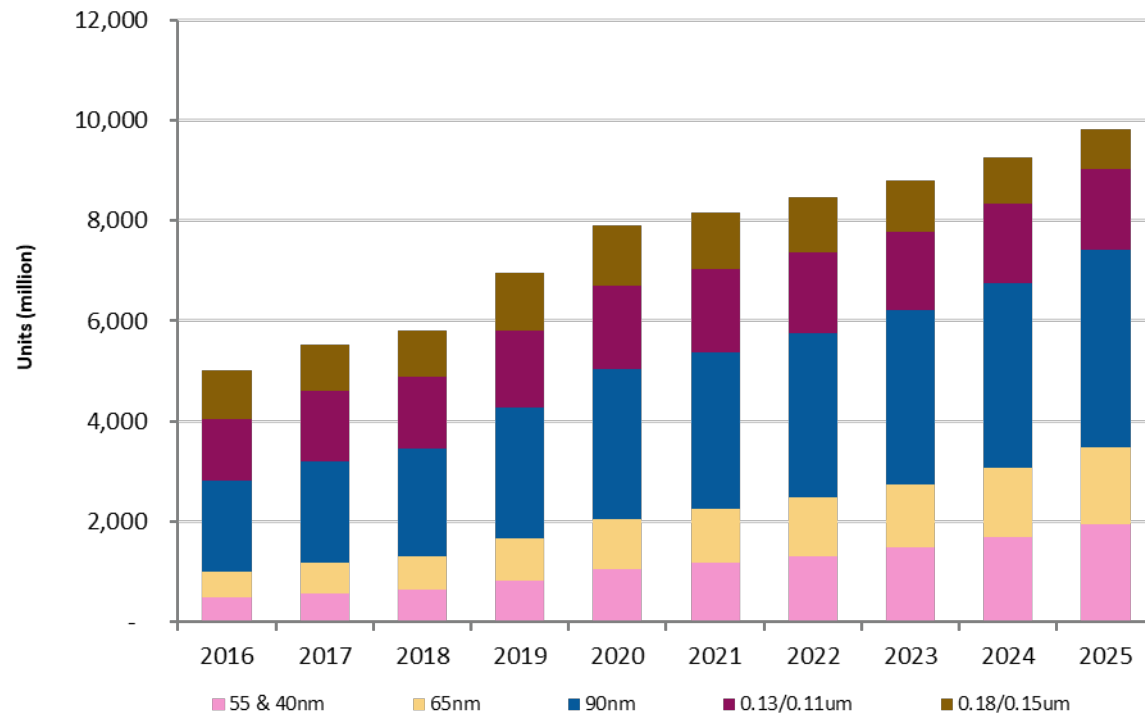
Supply

- Global CIS Production Ranking
- Global CIS Fabless & IDM
- Foundry & CIS Players
- Foundry 200mm wafer price
- Foundry 300mm wafer price

Sample Charts and Graphs

China CMOS Image Sensor & Camera Module Market Tracker

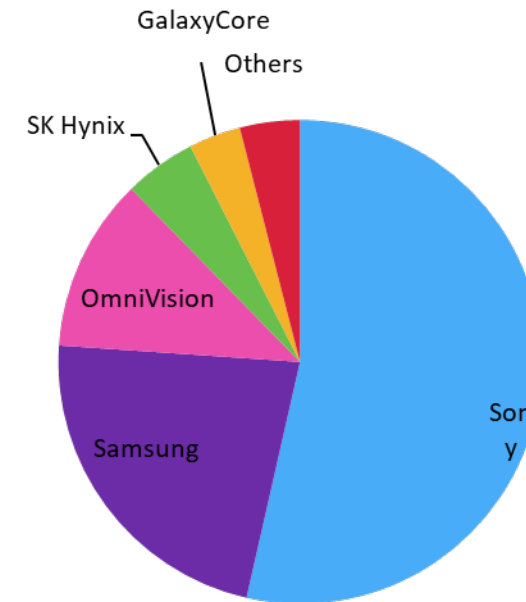
CMOS image sensors process node roadmap, 2016–25



Source: Omdia

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Top CMOS image sensor suppliers in Global Smartphone Camera



Source: Omdia

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