

Global CMOS Image Sensor for Automotive Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global CMOS Image Sensor for Automotive market size is expected to reach \$ 6892.8 million by 2029, rising at a market growth of 18.0% CAGR during the forecast period (2023-2029).

After smartphones, smart cars have become the most popular application field for visual chips such as CMOS and ISP. Compared to mobile phones, security or other categories, cars have higher requirements for the performance of CMOS image sensors. Chips need to have imaging performance in low light environments, HDR, high-definition/ultra high-definition imaging, intelligent recognition, and other imaging capabilities. At present, automotive CMOS image sensors can be divided into three categories: ADAS perception (forward looking), intelligent cockpit, and image (mainly used for human eye viewing, such as circular and backward looking).

This report studies the global CMOS Image Sensor for Automotive production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for CMOS Image Sensor for Automotive, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of CMOS Image Sensor for Automotive that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global CMOS Image Sensor for Automotive total production and demand, 2018-2029, (K Units)

Global CMOS Image Sensor for Automotive total production value, 2018-2029, (USD Million)

Global CMOS Image Sensor for Automotive production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global CMOS Image Sensor for Automotive consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: CMOS Image Sensor for Automotive domestic production, consumption, key domestic manufacturers and share

Global CMOS Image Sensor for Automotive production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global CMOS Image Sensor for Automotive production by Resolution, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global CMOS Image Sensor for Automotive production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global CMOS Image Sensor for Automotive market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Onsemi, OMNIVISION, STMicroelectronics, Ams Osram, Sony, Himax Technologies, Samsung, PIXELPLUS and Toshiba, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World CMOS Image Sensor for Automotive market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by

manufacturer, by Resolution, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global CMOS Image Sensor for Automotive Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global CMOS Image Sensor for Automotive Market, Segmentation by Resolution

1-2MP

2-3MP

?3MP

Global CMOS Image Sensor for Automotive Market, Segmentation by Application

Passenger Car

Commercial Car

Companies Profiled:

Onsemi

OMNIVISION

STMicroelectronics

Ams Osram

Sony

Himax Technologies

Samsung

PIXELPLUS

Toshiba

Key Questions Answered

1. How big is the global CMOS Image Sensor for Automotive market?
2. What is the demand of the global CMOS Image Sensor for Automotive market?
3. What is the year over year growth of the global CMOS Image Sensor for Automotive market?
4. What is the production and production value of the global CMOS Image Sensor for Automotive market?
5. Who are the key producers in the global CMOS Image Sensor for Automotive market?

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