

# Global CMOS Image Sensor for Automotive Market Growth 2023-2029

<https://marketpublishers.com/r/GA3A90D8461AEN.html>

Date: October 2023

Pages: 90

Price: US\$ 3,660.00 (Single User License)

ID: GA3A90D8461AEN

## Abstracts

The report requires updating with new data and is sent in 378 hours after order is placed.

According to our LPI (LP Information) latest study, the global CMOS Image Sensor for Automotive market size was valued at US\$ 2058.2 million in 2022. With growing demand in downstream market and recovery from influence of COVID-19 and the Russia-Ukraine War, the CMOS Image Sensor for Automotive is forecast to a readjusted size of US\$ 7163.7 million by 2029 with a CAGR of 19.5% during review period.

The research report highlights the growth potential of the global CMOS Image Sensor for Automotive market. With recovery from influence of COVID-19 and the Russia-Ukraine War, CMOS Image Sensor for Automotive are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of CMOS Image Sensor for Automotive. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the CMOS Image Sensor for Automotive market.

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).

#### Key Features:

The report on CMOS Image Sensor for Automotive market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the CMOS Image Sensor for Automotive market. It may include historical data, market segmentation by Resolution (e.g., 1-2MP, 2-3MP), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the CMOS Image Sensor for Automotive market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the CMOS Image Sensor for Automotive market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the CMOS Image Sensor for Automotive industry. This include advancements in CMOS Image Sensor for Automotive technology, CMOS Image Sensor for Automotive new entrants, CMOS Image Sensor for Automotive new investment, and other innovations that are shaping the future of CMOS Image Sensor for Automotive.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the CMOS Image Sensor for Automotive market. It includes factors influencing customer ' purchasing decisions, preferences for CMOS Image Sensor for Automotive product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the CMOS Image Sensor for Automotive market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting CMOS Image Sensor for Automotive market.

The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the CMOS Image Sensor for Automotive market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the CMOS Image Sensor for Automotive industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the CMOS Image Sensor for Automotive market.

**Market Segmentation:**

CMOS Image Sensor for Automotive market is split by Resolution and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Resolution, and by Application in terms of volume and value.

Segmentation by resolution

1-2MP

2-3MP

?3MP

Segmentation by application

Passenger Car

Commercial Car

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Onsemi

OMNIVISION

STMicroelectronics

Ams Osram

Sony

Himax Technologies

Samsung

PIXELPLUS

Toshiba

Key Questions Addressed in this Report

What is the 10-year outlook for the global CMOS Image Sensor for Automotive market?

What factors are driving CMOS Image Sensor for Automotive market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do CMOS Image Sensor for Automotive market opportunities vary by end market size?

How does CMOS Image Sensor for Automotive break out resolution, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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