

# Global HDR CMOS Image Sensors for Automotive Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GF9DF2690CA6EN.html>

Date: February 2023

Pages: 102

Price: US\$ 3,480.00 (Single User License)

ID: GF9DF2690CA6EN

## Abstracts

According to our (Global Info Research) latest study, the global HDR CMOS Image Sensors for Automotive market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The dynamic range is used to define the light intensity range that the image sensor can detect, and it is one of the most important technical parameters of the image sensor. Due to the limited well capacity of the pixel in the image sensor, when the incident light intensity reaches a certain value, the pixel will be saturated. It is a group of techniques used to achieve a larger dynamic range of exposure (that is, a greater difference between light and dark) than ordinary digital imaging techniques. The goal of high dynamic range imaging is to correctly represent the wide range of real-world brightness from direct sunlight to the darkest shadows. High dynamic range imaging is a group of techniques used to achieve a greater dynamic range of exposure (ie, a greater difference between light and dark) than ordinary digital imaging techniques. The goal of high dynamic range imaging is to correctly represent the wide range of real-world brightness from direct sunlight to the darkest shadows. This report mainly studies the HDR CMOS Image Sensors for Automotive.

This report is a detailed and comprehensive analysis for global HDR CMOS Image Sensors for Automotive market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Dynamic Range and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing

demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

#### Key Features:

Global HDR CMOS Image Sensors for Automotive market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global HDR CMOS Image Sensors for Automotive market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global HDR CMOS Image Sensors for Automotive market size and forecasts, by Dynamic Range and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global HDR CMOS Image Sensors for Automotive market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for HDR CMOS Image Sensors for Automotive

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global HDR CMOS Image Sensors 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 On Semi (Aptina), Pixelplus, Sony, Samsung and OmniVision, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

HDR CMOS Image Sensors for Automotive market is split by Dynamic Range and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Dynamic Range, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Dynamic Range

Below 80dB

Equal or Above 80dB

### Market segment by Application

Passenger Cars

Commercial Vehicles

### Major players covered

On Semi (Aptina)

Pixelplus

Sony

Samsung

OmniVision

Canon

Toshiba

ST

Pixart

SiliconFile

GalaxyCore

Toshiba

Infineon Technologies

Smartsens Technology(shanghai)co.,ltd.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe HDR CMOS Image Sensors for Automotive product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of HDR CMOS Image Sensors for Automotive, with price, sales, revenue and global market share of HDR CMOS Image Sensors for Automotive from 2018 to 2023.

Chapter 3, the HDR CMOS Image Sensors for Automotive competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the HDR CMOS Image Sensors for Automotive breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Dynamic Range and application, with sales market share and growth rate by dynamic range, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and HDR CMOS Image Sensors for Automotive market forecast, by regions, dynamic range and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of HDR CMOS Image Sensors for Automotive.

Chapter 14 and 15, to describe HDR CMOS Image Sensors for Automotive sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of HDR CMOS Image Sensors for Automotive
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Dynamic Range
  - 1.3.1 Overview: Global HDR CMOS Image Sensors for Automotive Consumption Value by Dynamic Range: 2018 Versus 2022 Versus 2029
  - 1.3.2 Below 80dB
  - 1.3.3 Equal or Above 80dB
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global HDR CMOS Image Sensors for Automotive Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Passenger Cars
  - 1.4.3 Commercial Vehicles
- 1.5 Global HDR CMOS Image Sensors for Automotive Market Size & Forecast
  - 1.5.1 Global HDR CMOS Image Sensors for Automotive Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global HDR CMOS Image Sensors for Automotive Sales Quantity (2018-2029)
  - 1.5.3 Global HDR CMOS Image Sensors for Automotive Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 On Semi (Aptina)
  - 2.1.1 On Semi (Aptina) Details
  - 2.1.2 On Semi (Aptina) Major Business
  - 2.1.3 On Semi (Aptina) HDR CMOS Image Sensors for Automotive Product and Services
  - 2.1.4 On Semi (Aptina) HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 On Semi (Aptina) Recent Developments/Updates
- 2.2 Pixelplus
  - 2.2.1 Pixelplus Details
  - 2.2.2 Pixelplus Major Business
  - 2.2.3 Pixelplus HDR CMOS Image Sensors for Automotive Product and Services
  - 2.2.4 Pixelplus HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.2.5 Pixelplus Recent Developments/Updates

## 2.3 Sony

### 2.3.1 Sony Details

### 2.3.2 Sony Major Business

### 2.3.3 Sony HDR CMOS Image Sensors for Automotive Product and Services

### 2.3.4 Sony HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.3.5 Sony Recent Developments/Updates

## 2.4 Samsung

### 2.4.1 Samsung Details

### 2.4.2 Samsung Major Business

### 2.4.3 Samsung HDR CMOS Image Sensors for Automotive Product and Services

### 2.4.4 Samsung HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.4.5 Samsung Recent Developments/Updates

## 2.5 OmniVision

### 2.5.1 OmniVision Details

### 2.5.2 OmniVision Major Business

### 2.5.3 OmniVision HDR CMOS Image Sensors for Automotive Product and Services

### 2.5.4 OmniVision HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.5.5 OmniVision Recent Developments/Updates

## 2.6 Canon

### 2.6.1 Canon Details

### 2.6.2 Canon Major Business

### 2.6.3 Canon HDR CMOS Image Sensors for Automotive Product and Services

### 2.6.4 Canon HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.6.5 Canon Recent Developments/Updates

## 2.7 Toshiba

### 2.7.1 Toshiba Details

### 2.7.2 Toshiba Major Business

### 2.7.3 Toshiba HDR CMOS Image Sensors for Automotive Product and Services

### 2.7.4 Toshiba HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.7.5 Toshiba Recent Developments/Updates

## 2.8 ST

### 2.8.1 ST Details

### 2.8.2 ST Major Business

### 2.8.3 ST HDR CMOS Image Sensors for Automotive Product and Services

2.8.4 ST HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 ST Recent Developments/Updates

2.9 Pixart

2.9.1 Pixart Details

2.9.2 Pixart Major Business

2.9.3 Pixart HDR CMOS Image Sensors for Automotive Product and Services

2.9.4 Pixart HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Pixart Recent Developments/Updates

2.10 SiliconFile

2.10.1 SiliconFile Details

2.10.2 SiliconFile Major Business

2.10.3 SiliconFile HDR CMOS Image Sensors for Automotive Product and Services

2.10.4 SiliconFile HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 SiliconFile Recent Developments/Updates

2.11 GalaxyCore

2.11.1 GalaxyCore Details

2.11.2 GalaxyCore Major Business

2.11.3 GalaxyCore HDR CMOS Image Sensors for Automotive Product and Services

2.11.4 GalaxyCore HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 GalaxyCore Recent Developments/Updates

2.12 Toshiba

2.12.1 Toshiba Details

2.12.2 Toshiba Major Business

2.12.3 Toshiba HDR CMOS Image Sensors for Automotive Product and Services

2.12.4 Toshiba HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Toshiba Recent Developments/Updates

2.13 Infineon Technologies

2.13.1 Infineon Technologies Details

2.13.2 Infineon Technologies Major Business

2.13.3 Infineon Technologies HDR CMOS Image Sensors for Automotive Product and Services

2.13.4 Infineon Technologies HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Infineon Technologies Recent Developments/Updates



2.14 Smartsens Technology(shanghai)co.,ltd.

2.14.1 Smartsens Technology(shanghai)co.,ltd. Details

2.14.2 Smartsens Technology(shanghai)co.,ltd. Major Business

2.14.3 Smartsens Technology(shanghai)co.,ltd. HDR CMOS Image Sensors for Automotive Product and Services

2.14.4 Smartsens Technology(shanghai)co.,ltd. HDR CMOS Image Sensors for Automotive Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Smartsens Technology(shanghai)co.,ltd. Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: HDR CMOS IMAGE SENSORS FOR AUTOMOTIVE BY MANUFACTURER**

3.1 Global HDR CMOS Image Sensors for Automotive Sales Quantity by Manufacturer (2018-2023)

3.2 Global HDR CMOS Image Sensors for Automotive Revenue by Manufacturer (2018-2023)

3.3 Global HDR CMOS Image Sensors for Automotive Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of HDR CMOS Image Sensors for Automotive by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 HDR CMOS Image Sensors for Automotive Manufacturer Market Share in 2022

3.4.2 Top 6 HDR CMOS Image Sensors for Automotive Manufacturer Market Share in 2022

3.5 HDR CMOS Image Sensors for Automotive Market: Overall Company Footprint Analysis

3.5.1 HDR CMOS Image Sensors for Automotive Market: Region Footprint

3.5.2 HDR CMOS Image Sensors for Automotive Market: Company Product Type Footprint

3.5.3 HDR CMOS Image Sensors for Automotive Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global HDR CMOS Image Sensors for Automotive Market Size by Region

4.1.1 Global HDR CMOS Image Sensors for Automotive Sales Quantity by Region (2018-2029)

4.1.2 Global HDR CMOS Image Sensors for Automotive Consumption Value by Region (2018-2029)

4.1.3 Global HDR CMOS Image Sensors for Automotive Average Price by Region (2018-2029)

4.2 North America HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029)

4.3 Europe HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029)

4.4 Asia-Pacific HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029)

4.5 South America HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029)

4.6 Middle East and Africa HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY DYNAMIC RANGE**

5.1 Global HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2029)

5.2 Global HDR CMOS Image Sensors for Automotive Consumption Value by Dynamic Range (2018-2029)

5.3 Global HDR CMOS Image Sensors for Automotive Average Price by Dynamic Range (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2029)

6.2 Global HDR CMOS Image Sensors for Automotive Consumption Value by Application (2018-2029)

6.3 Global HDR CMOS Image Sensors for Automotive Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2029)

7.2 North America HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2029)

7.3 North America HDR CMOS Image Sensors for Automotive Market Size by Country

7.3.1 North America HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2018-2029)

7.3.2 North America HDR CMOS Image Sensors for Automotive Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2029)

8.2 Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2029)

8.3 Europe HDR CMOS Image Sensors for Automotive Market Size by Country

8.3.1 Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2018-2029)

8.3.2 Europe HDR CMOS Image Sensors for Automotive Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2029)

9.2 Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific HDR CMOS Image Sensors for Automotive Market Size by Region

9.3.1 Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific HDR CMOS Image Sensors for Automotive Consumption Value by Region (2018-2029)

- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

- 10.1 South America HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2029)
- 10.2 South America HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2029)
- 10.3 South America HDR CMOS Image Sensors for Automotive Market Size by Country
  - 10.3.1 South America HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2018-2029)
  - 10.3.2 South America HDR CMOS Image Sensors for Automotive Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2029)
- 11.2 Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa HDR CMOS Image Sensors for Automotive Market Size by Country
  - 11.3.1 Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2018-2029)
  - 11.3.2 Middle East & Africa HDR CMOS Image Sensors for Automotive Consumption Value by Country (2018-2029)
  - 11.3.3 Turkey Market Size and Forecast (2018-2029)
  - 11.3.4 Egypt Market Size and Forecast (2018-2029)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
  - 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 HDR CMOS Image Sensors for Automotive Market Drivers
- 12.2 HDR CMOS Image Sensors for Automotive Market Restraints
- 12.3 HDR CMOS Image Sensors for Automotive Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
  - 12.5.1 Influence of COVID-19
  - 12.5.2 Influence of Russia-Ukraine War

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of HDR CMOS Image Sensors for Automotive and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of HDR CMOS Image Sensors for Automotive
- 13.3 HDR CMOS Image Sensors for Automotive Production Process
- 13.4 HDR CMOS Image Sensors for Automotive Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 HDR CMOS Image Sensors for Automotive Typical Distributors
- 14.3 HDR CMOS Image Sensors for Automotive Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global HDR CMOS Image Sensors for Automotive Consumption Value by Dynamic Range, (USD Million), 2018 & 2022 & 2029

Table 2. Global HDR CMOS Image Sensors for Automotive Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. On Semi (Aptina) Basic Information, Manufacturing Base and Competitors

Table 4. On Semi (Aptina) Major Business

Table 5. On Semi (Aptina) HDR CMOS Image Sensors for Automotive Product and Services

Table 6. On Semi (Aptina) HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. On Semi (Aptina) Recent Developments/Updates

Table 8. Pixelplus Basic Information, Manufacturing Base and Competitors

Table 9. Pixelplus Major Business

Table 10. Pixelplus HDR CMOS Image Sensors for Automotive Product and Services

Table 11. Pixelplus HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Pixelplus Recent Developments/Updates

Table 13. Sony Basic Information, Manufacturing Base and Competitors

Table 14. Sony Major Business

Table 15. Sony HDR CMOS Image Sensors for Automotive Product and Services

Table 16. Sony HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Sony Recent Developments/Updates

Table 18. Samsung Basic Information, Manufacturing Base and Competitors

Table 19. Samsung Major Business

Table 20. Samsung HDR CMOS Image Sensors for Automotive Product and Services

Table 21. Samsung HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Samsung Recent Developments/Updates

Table 23. OmniVision Basic Information, Manufacturing Base and Competitors

Table 24. OmniVision Major Business

Table 25. OmniVision HDR CMOS Image Sensors for Automotive Product and Services

Table 26. OmniVision HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. OmniVision Recent Developments/Updates

Table 28. Canon Basic Information, Manufacturing Base and Competitors

Table 29. Canon Major Business

Table 30. Canon HDR CMOS Image Sensors for Automotive Product and Services

Table 31. Canon HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Canon Recent Developments/Updates

Table 33. Toshiba Basic Information, Manufacturing Base and Competitors

Table 34. Toshiba Major Business

Table 35. Toshiba HDR CMOS Image Sensors for Automotive Product and Services

Table 36. Toshiba HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Toshiba Recent Developments/Updates

Table 38. ST Basic Information, Manufacturing Base and Competitors

Table 39. ST Major Business

Table 40. ST HDR CMOS Image Sensors for Automotive Product and Services

Table 41. ST HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. ST Recent Developments/Updates

Table 43. Pixart Basic Information, Manufacturing Base and Competitors

Table 44. Pixart Major Business

Table 45. Pixart HDR CMOS Image Sensors for Automotive Product and Services

Table 46. Pixart HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Pixart Recent Developments/Updates

Table 48. SiliconFile Basic Information, Manufacturing Base and Competitors

Table 49. SiliconFile Major Business

Table 50. SiliconFile HDR CMOS Image Sensors for Automotive Product and Services

Table 51. SiliconFile HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 52. SiliconFile Recent Developments/Updates
- Table 53. GalaxyCore Basic Information, Manufacturing Base and Competitors
- Table 54. GalaxyCore Major Business
- Table 55. GalaxyCore HDR CMOS Image Sensors for Automotive Product and Services
- Table 56. GalaxyCore HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. GalaxyCore Recent Developments/Updates
- Table 58. Toshiba Basic Information, Manufacturing Base and Competitors
- Table 59. Toshiba Major Business
- Table 60. Toshiba HDR CMOS Image Sensors for Automotive Product and Services
- Table 61. Toshiba HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. Toshiba Recent Developments/Updates
- Table 63. Infineon Technologies Basic Information, Manufacturing Base and Competitors
- Table 64. Infineon Technologies Major Business
- Table 65. Infineon Technologies HDR CMOS Image Sensors for Automotive Product and Services
- Table 66. Infineon Technologies HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 67. Infineon Technologies Recent Developments/Updates
- Table 68. Smartsens Technology(shanghai)co.,ltd. Basic Information, Manufacturing Base and Competitors
- Table 69. Smartsens Technology(shanghai)co.,ltd. Major Business
- Table 70. Smartsens Technology(shanghai)co.,ltd. HDR CMOS Image Sensors for Automotive Product and Services
- Table 71. Smartsens Technology(shanghai)co.,ltd. HDR CMOS Image Sensors for Automotive Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 72. Smartsens Technology(shanghai)co.,ltd. Recent Developments/Updates
- Table 73. Global HDR CMOS Image Sensors for Automotive Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 74. Global HDR CMOS Image Sensors for Automotive Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 75. Global HDR CMOS Image Sensors for Automotive Average Price by Manufacturer (2018-2023) & (US\$/Unit)



- Table 76. Market Position of Manufacturers in HDR CMOS Image Sensors for Automotive, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 77. Head Office and HDR CMOS Image Sensors for Automotive Production Site of Key Manufacturer
- Table 78. HDR CMOS Image Sensors for Automotive Market: Company Product Type Footprint
- Table 79. HDR CMOS Image Sensors for Automotive Market: Company Product Application Footprint
- Table 80. HDR CMOS Image Sensors for Automotive New Market Entrants and Barriers to Market Entry
- Table 81. HDR CMOS Image Sensors for Automotive Mergers, Acquisition, Agreements, and Collaborations
- Table 82. Global HDR CMOS Image Sensors for Automotive Sales Quantity by Region (2018-2023) & (K Units)
- Table 83. Global HDR CMOS Image Sensors for Automotive Sales Quantity by Region (2024-2029) & (K Units)
- Table 84. Global HDR CMOS Image Sensors for Automotive Consumption Value by Region (2018-2023) & (USD Million)
- Table 85. Global HDR CMOS Image Sensors for Automotive Consumption Value by Region (2024-2029) & (USD Million)
- Table 86. Global HDR CMOS Image Sensors for Automotive Average Price by Region (2018-2023) & (US\$/Unit)
- Table 87. Global HDR CMOS Image Sensors for Automotive Average Price by Region (2024-2029) & (US\$/Unit)
- Table 88. Global HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2023) & (K Units)
- Table 89. Global HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2024-2029) & (K Units)
- Table 90. Global HDR CMOS Image Sensors for Automotive Consumption Value by Dynamic Range (2018-2023) & (USD Million)
- Table 91. Global HDR CMOS Image Sensors for Automotive Consumption Value by Dynamic Range (2024-2029) & (USD Million)
- Table 92. Global HDR CMOS Image Sensors for Automotive Average Price by Dynamic Range (2018-2023) & (US\$/Unit)
- Table 93. Global HDR CMOS Image Sensors for Automotive Average Price by Dynamic Range (2024-2029) & (US\$/Unit)
- Table 94. Global HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2023) & (K Units)
- Table 95. Global HDR CMOS Image Sensors for Automotive Sales Quantity by

Application (2024-2029) & (K Units)

Table 96. Global HDR CMOS Image Sensors for Automotive Consumption Value by Application (2018-2023) & (USD Million)

Table 97. Global HDR CMOS Image Sensors for Automotive Consumption Value by Application (2024-2029) & (USD Million)

Table 98. Global HDR CMOS Image Sensors for Automotive Average Price by Application (2018-2023) & (US\$/Unit)

Table 99. Global HDR CMOS Image Sensors for Automotive Average Price by Application (2024-2029) & (US\$/Unit)

Table 100. North America HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2023) & (K Units)

Table 101. North America HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2024-2029) & (K Units)

Table 102. North America HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2023) & (K Units)

Table 103. North America HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2024-2029) & (K Units)

Table 104. North America HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2018-2023) & (K Units)

Table 105. North America HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2024-2029) & (K Units)

Table 106. North America HDR CMOS Image Sensors for Automotive Consumption Value by Country (2018-2023) & (USD Million)

Table 107. North America HDR CMOS Image Sensors for Automotive Consumption Value by Country (2024-2029) & (USD Million)

Table 108. Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2023) & (K Units)

Table 109. Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2024-2029) & (K Units)

Table 110. Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2023) & (K Units)

Table 111. Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2024-2029) & (K Units)

Table 112. Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2018-2023) & (K Units)

Table 113. Europe HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2024-2029) & (K Units)

Table 114. Europe HDR CMOS Image Sensors for Automotive Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe HDR CMOS Image Sensors for Automotive Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2023) & (K Units)

Table 117. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2024-2029) & (K Units)

Table 118. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2023) & (K Units)

Table 119. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2024-2029) & (K Units)

Table 120. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Region (2018-2023) & (K Units)

Table 121. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity by Region (2024-2029) & (K Units)

Table 122. Asia-Pacific HDR CMOS Image Sensors for Automotive Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific HDR CMOS Image Sensors for Automotive Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2023) & (K Units)

Table 125. South America HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2024-2029) & (K Units)

Table 126. South America HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2018-2023) & (K Units)

Table 127. South America HDR CMOS Image Sensors for Automotive Sales Quantity by Application (2024-2029) & (K Units)

Table 128. South America HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2018-2023) & (K Units)

Table 129. South America HDR CMOS Image Sensors for Automotive Sales Quantity by Country (2024-2029) & (K Units)

Table 130. South America HDR CMOS Image Sensors for Automotive Consumption Value by Country (2018-2023) & (USD Million)

Table 131. South America HDR CMOS Image Sensors for Automotive Consumption Value by Country (2024-2029) & (USD Million)

Table 132. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2018-2023) & (K Units)

Table 133. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity by Dynamic Range (2024-2029) & (K Units)

Table 134. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales

Quantity by Application (2018-2023) & (K Units)

Table 135. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales

Quantity by Application (2024-2029) & (K Units)

Table 136. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales

Quantity by Region (2018-2023) & (K Units)

Table 137. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales

Quantity by Region (2024-2029) & (K Units)

Table 138. Middle East & Africa HDR CMOS Image Sensors for Automotive

Consumption Value by Region (2018-2023) & (USD Million)

Table 139. Middle East & Africa HDR CMOS Image Sensors for Automotive

Consumption Value by Region (2024-2029) & (USD Million)

Table 140. HDR CMOS Image Sensors for Automotive Raw Material

Table 141. Key Manufacturers of HDR CMOS Image Sensors for Automotive Raw Materials

Table 142. HDR CMOS Image Sensors for Automotive Typical Distributors

Table 143. HDR CMOS Image Sensors for Automotive Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. HDR CMOS Image Sensors for Automotive Picture
- Figure 2. Global HDR CMOS Image Sensors for Automotive Consumption Value by Dynamic Range, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Dynamic Range in 2022
- Figure 4. Below 80dB Examples
- Figure 5. Equal or Above 80dB Examples
- Figure 6. Global HDR CMOS Image Sensors for Automotive Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Application in 2022
- Figure 8. Passenger Cars Examples
- Figure 9. Commercial Vehicles Examples
- Figure 10. Global HDR CMOS Image Sensors for Automotive Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 11. Global HDR CMOS Image Sensors for Automotive Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 12. Global HDR CMOS Image Sensors for Automotive Sales Quantity (2018-2029) & (K Units)
- Figure 13. Global HDR CMOS Image Sensors for Automotive Average Price (2018-2029) & (US\$/Unit)
- Figure 14. Global HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Manufacturer in 2022
- Figure 15. Global HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Manufacturer in 2022
- Figure 16. Producer Shipments of HDR CMOS Image Sensors for Automotive by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 17. Top 3 HDR CMOS Image Sensors for Automotive Manufacturer (Consumption Value) Market Share in 2022
- Figure 18. Top 6 HDR CMOS Image Sensors for Automotive Manufacturer (Consumption Value) Market Share in 2022
- Figure 19. Global HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Region (2018-2029)
- Figure 20. Global HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Region (2018-2029)

Figure 21. North America HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029) & (USD Million)

Figure 22. Europe HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029) & (USD Million)

Figure 23. Asia-Pacific HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029) & (USD Million)

Figure 24. South America HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029) & (USD Million)

Figure 25. Middle East & Africa HDR CMOS Image Sensors for Automotive Consumption Value (2018-2029) & (USD Million)

Figure 26. Global HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Dynamic Range (2018-2029)

Figure 27. Global HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Dynamic Range (2018-2029)

Figure 28. Global HDR CMOS Image Sensors for Automotive Average Price by Dynamic Range (2018-2029) & (US\$/Unit)

Figure 29. Global HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Application (2018-2029)

Figure 30. Global HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Application (2018-2029)

Figure 31. Global HDR CMOS Image Sensors for Automotive Average Price by Application (2018-2029) & (US\$/Unit)

Figure 32. North America HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Dynamic Range (2018-2029)

Figure 33. North America HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Application (2018-2029)

Figure 34. North America HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Country (2018-2029)

Figure 35. North America HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Country (2018-2029)

Figure 36. United States HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 37. Canada HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Mexico HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Europe HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Dynamic Range (2018-2029)

Figure 40. Europe HDR CMOS Image Sensors for Automotive Sales Quantity Market

Share by Application (2018-2029)

Figure 41. Europe HDR CMOS Image Sensors for Automotive Sales Quantity Market

Share by Country (2018-2029)

Figure 42. Europe HDR CMOS Image Sensors for Automotive Consumption Value

Market Share by Country (2018-2029)

Figure 43. Germany HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. France HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. United Kingdom HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. Russia HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Italy HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Dynamic Range (2018-2029)

Figure 49. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Application (2018-2029)

Figure 50. Asia-Pacific HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Region (2018-2029)

Figure 51. Asia-Pacific HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Region (2018-2029)

Figure 52. China HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Japan HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Korea HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. India HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Southeast Asia HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Australia HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. South America HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Dynamic Range (2018-2029)

Figure 59. South America HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Application (2018-2029)

Figure 60. South America HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Country (2018-2029)

Figure 61. South America HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Country (2018-2029)

Figure 62. Brazil HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Argentina HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Dynamic Range (2018-2029)

Figure 65. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Application (2018-2029)

Figure 66. Middle East & Africa HDR CMOS Image Sensors for Automotive Sales Quantity Market Share by Region (2018-2029)

Figure 67. Middle East & Africa HDR CMOS Image Sensors for Automotive Consumption Value Market Share by Region (2018-2029)

Figure 68. Turkey HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Egypt HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Saudi Arabia HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. South Africa HDR CMOS Image Sensors for Automotive Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. HDR CMOS Image Sensors for Automotive Market Drivers

Figure 73. HDR CMOS Image Sensors for Automotive Market Restraints

Figure 74. HDR CMOS Image Sensors for Automotive Market Trends

Figure 75. Porters Five Forces Analysis

Figure 76. Manufacturing Cost Structure Analysis of HDR CMOS Image Sensors for Automotive in 2022

Figure 77. Manufacturing Process Analysis of HDR CMOS Image Sensors for Automotive

Figure 78. HDR CMOS Image Sensors for Automotive Industrial Chain

Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 80. Direct Channel Pros & Cons

Figure 81. Indirect Channel Pros & Cons

Figure 82. Methodology

Figure 83. Research Process and Data Source



## I would like to order

Product name: Global HDR CMOS Image Sensors for Automotive Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GF9DF2690CA6EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF9DF2690CA6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

