

Global Automotive Grade CMOS Image Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GFF1C395C64DEN.html>

Date: March 2023

Pages: 91

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

ID: GFF1C395C64DEN

Abstracts

According to our (Global Info Research) latest study, the global Automotive Grade CMOS Image Sensor 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.

This report is a detailed and comprehensive analysis for global Automotive Grade CMOS Image Sensor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 Automotive Grade CMOS Image Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/K Units), 2018-2029

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

Global Automotive Grade CMOS Image Sensor market size and forecasts, by Type and

by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/K Units), 2018-2029

Global Automotive Grade CMOS Image Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/K Units), 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 Automotive Grade CMOS Image Sensor

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 Automotive Grade CMOS Image Sensor 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 STMicroelectronics, onsemi, Samsung Electronics, SONY 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.

Market Segmentation

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

PAL/NTSC Analogue Output Image Sensor

HD 960P CMOS Image Sensor

Market segment by Application

Pure Electric Vehicles

Hybrid Vehicles

Plug-In Hybrid Electric Vehicles

Fuel Cell Electric Vehicles

Hybrid Vehicles

Major players covered

STMicroelectronics

onsemi

Samsung Electronics

SONY

Toshiba

Infineon Technologies

BYD Semiconductor

OmniVision Technologies

ams AG

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 Automotive Grade CMOS Image Sensor product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Automotive Grade CMOS Image Sensor 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 Type and application, with sales market share and growth rate by type, 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 Automotive Grade CMOS Image Sensor market forecast, by regions, type 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 Automotive Grade CMOS Image Sensor.

Chapter 14 and 15, to describe Automotive Grade CMOS Image Sensor sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Automotive Grade CMOS Image Sensor
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Automotive Grade CMOS Image Sensor Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 PAL/NTSC Analogue Output Image Sensor
 - 1.3.3 HD 960P CMOS Image Sensor
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Automotive Grade CMOS Image Sensor Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Pure Electric Vehicles
 - 1.4.3 Hybrid Vehicles
 - 1.4.4 Plug-In Hybrid Electric Vehicles
 - 1.4.5 Fuel Cell Electric Vehicles
 - 1.4.6 Hybrid Vehicles
- 1.5 Global Automotive Grade CMOS Image Sensor Market Size & Forecast
 - 1.5.1 Global Automotive Grade CMOS Image Sensor Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Automotive Grade CMOS Image Sensor Sales Quantity (2018-2029)
 - 1.5.3 Global Automotive Grade CMOS Image Sensor Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 STMicroelectronics
 - 2.1.1 STMicroelectronics Details
 - 2.1.2 STMicroelectronics Major Business
 - 2.1.3 STMicroelectronics Automotive Grade CMOS Image Sensor Product and Services
 - 2.1.4 STMicroelectronics Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 STMicroelectronics Recent Developments/Updates
- 2.2 onsemi
 - 2.2.1 onsemi Details
 - 2.2.2 onsemi Major Business
 - 2.2.3 onsemi Automotive Grade CMOS Image Sensor Product and Services

2.2.4 onsemi Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 onsemi Recent Developments/Updates

2.3 Samsung Electronics

2.3.1 Samsung Electronics Details

2.3.2 Samsung Electronics Major Business

2.3.3 Samsung Electronics Automotive Grade CMOS Image Sensor Product and Services

2.3.4 Samsung Electronics Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Samsung Electronics Recent Developments/Updates

2.4 SONY

2.4.1 SONY Details

2.4.2 SONY Major Business

2.4.3 SONY Automotive Grade CMOS Image Sensor Product and Services

2.4.4 SONY Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 SONY Recent Developments/Updates

2.5 Toshiba

2.5.1 Toshiba Details

2.5.2 Toshiba Major Business

2.5.3 Toshiba Automotive Grade CMOS Image Sensor Product and Services

2.5.4 Toshiba Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Toshiba Recent Developments/Updates

2.6 Infineon Technologies

2.6.1 Infineon Technologies Details

2.6.2 Infineon Technologies Major Business

2.6.3 Infineon Technologies Automotive Grade CMOS Image Sensor Product and Services

2.6.4 Infineon Technologies Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Infineon Technologies Recent Developments/Updates

2.7 BYD Semiconductor

2.7.1 BYD Semiconductor Details

2.7.2 BYD Semiconductor Major Business

2.7.3 BYD Semiconductor Automotive Grade CMOS Image Sensor Product and Services

2.7.4 BYD Semiconductor Automotive Grade CMOS Image Sensor Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 BYD Semiconductor Recent Developments/Updates

2.8 OmniVision Technologies

2.8.1 OmniVision Technologies Details

2.8.2 OmniVision Technologies Major Business

2.8.3 OmniVision Technologies Automotive Grade CMOS Image Sensor Product and Services

2.8.4 OmniVision Technologies Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 OmniVision Technologies Recent Developments/Updates

2.9 ams AG

2.9.1 ams AG Details

2.9.2 ams AG Major Business

2.9.3 ams AG Automotive Grade CMOS Image Sensor Product and Services

2.9.4 ams AG Automotive Grade CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 ams AG Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE GRADE CMOS IMAGE SENSOR BY MANUFACTURER

3.1 Global Automotive Grade CMOS Image Sensor Sales Quantity by Manufacturer (2018-2023)

3.2 Global Automotive Grade CMOS Image Sensor Revenue by Manufacturer (2018-2023)

3.3 Global Automotive Grade CMOS Image Sensor Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

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

3.4.2 Top 3 Automotive Grade CMOS Image Sensor Manufacturer Market Share in 2022

3.4.2 Top 6 Automotive Grade CMOS Image Sensor Manufacturer Market Share in 2022

3.5 Automotive Grade CMOS Image Sensor Market: Overall Company Footprint Analysis

3.5.1 Automotive Grade CMOS Image Sensor Market: Region Footprint

3.5.2 Automotive Grade CMOS Image Sensor Market: Company Product Type Footprint

3.5.3 Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor Market Size by Region

4.1.1 Global Automotive Grade CMOS Image Sensor Sales Quantity by Region (2018-2029)

4.1.2 Global Automotive Grade CMOS Image Sensor Consumption Value by Region (2018-2029)

4.1.3 Global Automotive Grade CMOS Image Sensor Average Price by Region (2018-2029)

4.2 North America Automotive Grade CMOS Image Sensor Consumption Value (2018-2029)

4.3 Europe Automotive Grade CMOS Image Sensor Consumption Value (2018-2029)

4.4 Asia-Pacific Automotive Grade CMOS Image Sensor Consumption Value (2018-2029)

4.5 South America Automotive Grade CMOS Image Sensor Consumption Value (2018-2029)

4.6 Middle East and Africa Automotive Grade CMOS Image Sensor Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2029)

5.2 Global Automotive Grade CMOS Image Sensor Consumption Value by Type (2018-2029)

5.3 Global Automotive Grade CMOS Image Sensor Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2029)

6.2 Global Automotive Grade CMOS Image Sensor Consumption Value by Application (2018-2029)

6.3 Global Automotive Grade CMOS Image Sensor Average Price by Application

(2018-2029)

7 NORTH AMERICA

7.1 North America Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2029)

7.2 North America Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2029)

7.3 North America Automotive Grade CMOS Image Sensor Market Size by Country

7.3.1 North America Automotive Grade CMOS Image Sensor Sales Quantity by Country (2018-2029)

7.3.2 North America Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2029)

8.2 Europe Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2029)

8.3 Europe Automotive Grade CMOS Image Sensor Market Size by Country

8.3.1 Europe Automotive Grade CMOS Image Sensor Sales Quantity by Country (2018-2029)

8.3.2 Europe Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Application

(2018-2029)

9.3 Asia-Pacific Automotive Grade CMOS Image Sensor Market Size by Region

9.3.1 Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Region
(2018-2029)

9.3.2 Asia-Pacific Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor Sales Quantity by Type
(2018-2029)

10.2 South America Automotive Grade CMOS Image Sensor Sales Quantity by
Application (2018-2029)

10.3 South America Automotive Grade CMOS Image Sensor Market Size by Country

10.3.1 South America Automotive Grade CMOS Image Sensor Sales Quantity by
Country (2018-2029)

10.3.2 South America Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor Sales Quantity by
Type (2018-2029)

11.2 Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by
Application (2018-2029)

11.3 Middle East & Africa Automotive Grade CMOS Image Sensor Market Size by
Country

11.3.1 Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by
Country (2018-2029)

11.3.2 Middle East & Africa Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor Market Drivers
- 12.2 Automotive Grade CMOS Image Sensor Market Restraints
- 12.3 Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Automotive Grade CMOS Image Sensor
- 13.3 Automotive Grade CMOS Image Sensor Production Process
- 13.4 Automotive Grade CMOS Image Sensor Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Automotive Grade CMOS Image Sensor Typical Distributors
- 14.3 Automotive Grade CMOS Image Sensor 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 Automotive Grade CMOS Image Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

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

Table 3. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 4. STMicroelectronics Major Business

Table 5. STMicroelectronics Automotive Grade CMOS Image Sensor Product and Services

Table 6. STMicroelectronics Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. STMicroelectronics Recent Developments/Updates

Table 8. onsemi Basic Information, Manufacturing Base and Competitors

Table 9. onsemi Major Business

Table 10. onsemi Automotive Grade CMOS Image Sensor Product and Services

Table 11. onsemi Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. onsemi Recent Developments/Updates

Table 13. Samsung Electronics Basic Information, Manufacturing Base and Competitors

Table 14. Samsung Electronics Major Business

Table 15. Samsung Electronics Automotive Grade CMOS Image Sensor Product and Services

Table 16. Samsung Electronics Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Samsung Electronics Recent Developments/Updates

Table 18. SONY Basic Information, Manufacturing Base and Competitors

Table 19. SONY Major Business

Table 20. SONY Automotive Grade CMOS Image Sensor Product and Services

Table 21. SONY Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. SONY Recent Developments/Updates

Table 23. Toshiba Basic Information, Manufacturing Base and Competitors

Table 24. Toshiba Major Business

Table 25. Toshiba Automotive Grade CMOS Image Sensor Product and Services

Table 26. Toshiba Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Toshiba Recent Developments/Updates

Table 28. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 29. Infineon Technologies Major Business

Table 30. Infineon Technologies Automotive Grade CMOS Image Sensor Product and Services

Table 31. Infineon Technologies Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Infineon Technologies Recent Developments/Updates

Table 33. BYD Semiconductor Basic Information, Manufacturing Base and Competitors

Table 34. BYD Semiconductor Major Business

Table 35. BYD Semiconductor Automotive Grade CMOS Image Sensor Product and Services

Table 36. BYD Semiconductor Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. BYD Semiconductor Recent Developments/Updates

Table 38. OmniVision Technologies Basic Information, Manufacturing Base and Competitors

Table 39. OmniVision Technologies Major Business

Table 40. OmniVision Technologies Automotive Grade CMOS Image Sensor Product and Services

Table 41. OmniVision Technologies Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. OmniVision Technologies Recent Developments/Updates

Table 43. ams AG Basic Information, Manufacturing Base and Competitors

Table 44. ams AG Major Business

Table 45. ams AG Automotive Grade CMOS Image Sensor Product and Services

Table 46. ams AG Automotive Grade CMOS Image Sensor Sales Quantity (K Units), Average Price (US\$/K Units), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. ams AG Recent Developments/Updates

- Table 48. Global Automotive Grade CMOS Image Sensor Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 49. Global Automotive Grade CMOS Image Sensor Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 50. Global Automotive Grade CMOS Image Sensor Average Price by Manufacturer (2018-2023) & (US\$/K Units)
- Table 51. Market Position of Manufacturers in Automotive Grade CMOS Image Sensor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 52. Head Office and Automotive Grade CMOS Image Sensor Production Site of Key Manufacturer
- Table 53. Automotive Grade CMOS Image Sensor Market: Company Product Type Footprint
- Table 54. Automotive Grade CMOS Image Sensor Market: Company Product Application Footprint
- Table 55. Automotive Grade CMOS Image Sensor New Market Entrants and Barriers to Market Entry
- Table 56. Automotive Grade CMOS Image Sensor Mergers, Acquisition, Agreements, and Collaborations
- Table 57. Global Automotive Grade CMOS Image Sensor Sales Quantity by Region (2018-2023) & (K Units)
- Table 58. Global Automotive Grade CMOS Image Sensor Sales Quantity by Region (2024-2029) & (K Units)
- Table 59. Global Automotive Grade CMOS Image Sensor Consumption Value by Region (2018-2023) & (USD Million)
- Table 60. Global Automotive Grade CMOS Image Sensor Consumption Value by Region (2024-2029) & (USD Million)
- Table 61. Global Automotive Grade CMOS Image Sensor Average Price by Region (2018-2023) & (US\$/K Units)
- Table 62. Global Automotive Grade CMOS Image Sensor Average Price by Region (2024-2029) & (US\$/K Units)
- Table 63. Global Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2023) & (K Units)
- Table 64. Global Automotive Grade CMOS Image Sensor Sales Quantity by Type (2024-2029) & (K Units)
- Table 65. Global Automotive Grade CMOS Image Sensor Consumption Value by Type (2018-2023) & (USD Million)
- Table 66. Global Automotive Grade CMOS Image Sensor Consumption Value by Type (2024-2029) & (USD Million)
- Table 67. Global Automotive Grade CMOS Image Sensor Average Price by Type

(2018-2023) & (US\$/K Units)

Table 68. Global Automotive Grade CMOS Image Sensor Average Price by Type (2024-2029) & (US\$/K Units)

Table 69. Global Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 70. Global Automotive Grade CMOS Image Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 71. Global Automotive Grade CMOS Image Sensor Consumption Value by Application (2018-2023) & (USD Million)

Table 72. Global Automotive Grade CMOS Image Sensor Consumption Value by Application (2024-2029) & (USD Million)

Table 73. Global Automotive Grade CMOS Image Sensor Average Price by Application (2018-2023) & (US\$/K Units)

Table 74. Global Automotive Grade CMOS Image Sensor Average Price by Application (2024-2029) & (US\$/K Units)

Table 75. North America Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 76. North America Automotive Grade CMOS Image Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 77. North America Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 78. North America Automotive Grade CMOS Image Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 79. North America Automotive Grade CMOS Image Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 80. North America Automotive Grade CMOS Image Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 81. North America Automotive Grade CMOS Image Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 82. North America Automotive Grade CMOS Image Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 83. Europe Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 84. Europe Automotive Grade CMOS Image Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 85. Europe Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 86. Europe Automotive Grade CMOS Image Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 87. Europe Automotive Grade CMOS Image Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 88. Europe Automotive Grade CMOS Image Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 89. Europe Automotive Grade CMOS Image Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 90. Europe Automotive Grade CMOS Image Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 91. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 92. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 93. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 94. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 95. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 96. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 97. Asia-Pacific Automotive Grade CMOS Image Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 98. Asia-Pacific Automotive Grade CMOS Image Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 99. South America Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 100. South America Automotive Grade CMOS Image Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 101. South America Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 102. South America Automotive Grade CMOS Image Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 103. South America Automotive Grade CMOS Image Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 104. South America Automotive Grade CMOS Image Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 105. South America Automotive Grade CMOS Image Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 106. South America Automotive Grade CMOS Image Sensor Consumption Value

by Country (2024-2029) & (USD Million)

Table 107. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 108. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 109. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 110. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 111. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 112. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 113. Middle East & Africa Automotive Grade CMOS Image Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 114. Middle East & Africa Automotive Grade CMOS Image Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 115. Automotive Grade CMOS Image Sensor Raw Material

Table 116. Key Manufacturers of Automotive Grade CMOS Image Sensor Raw Materials

Table 117. Automotive Grade CMOS Image Sensor Typical Distributors

Table 118. Automotive Grade CMOS Image Sensor Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Automotive Grade CMOS Image Sensor Picture

Figure 2. Global Automotive Grade CMOS Image Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Automotive Grade CMOS Image Sensor Consumption Value Market Share by Type in 2022

Figure 4. PAL/NTSC Analogue Output Image Sensor Examples

Figure 5. HD 960P CMOS Image Sensor Examples

Figure 6. Global Automotive Grade CMOS Image Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Automotive Grade CMOS Image Sensor Consumption Value Market Share by Application in 2022

Figure 8. Pure Electric Vehicles Examples

Figure 9. Hybrid Vehicles Examples

Figure 10. Plug-In Hybrid Electric Vehicles Examples

Figure 11. Fuel Cell Electric Vehicles Examples

Figure 12. Hybrid Vehicles Examples

Figure 13. Global Automotive Grade CMOS Image Sensor Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global Automotive Grade CMOS Image Sensor Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 15. Global Automotive Grade CMOS Image Sensor Sales Quantity (2018-2029) & (K Units)

Figure 16. Global Automotive Grade CMOS Image Sensor Average Price (2018-2029) & (US\$/K Units)

Figure 17. Global Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Manufacturer in 2022

Figure 18. Global Automotive Grade CMOS Image Sensor Consumption Value Market Share by Manufacturer in 2022

Figure 19. Producer Shipments of Automotive Grade CMOS Image Sensor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 20. Top 3 Automotive Grade CMOS Image Sensor Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Top 6 Automotive Grade CMOS Image Sensor Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Global Automotive Grade CMOS Image Sensor Sales Quantity Market Share

by Region (2018-2029)

Figure 23. Global Automotive Grade CMOS Image Sensor Consumption Value Market Share by Region (2018-2029)

Figure 24. North America Automotive Grade CMOS Image Sensor Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe Automotive Grade CMOS Image Sensor Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific Automotive Grade CMOS Image Sensor Consumption Value (2018-2029) & (USD Million)

Figure 27. South America Automotive Grade CMOS Image Sensor Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa Automotive Grade CMOS Image Sensor Consumption Value (2018-2029) & (USD Million)

Figure 29. Global Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 30. Global Automotive Grade CMOS Image Sensor Consumption Value Market Share by Type (2018-2029)

Figure 31. Global Automotive Grade CMOS Image Sensor Average Price by Type (2018-2029) & (US\$/K Units)

Figure 32. Global Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global Automotive Grade CMOS Image Sensor Consumption Value Market Share by Application (2018-2029)

Figure 34. Global Automotive Grade CMOS Image Sensor Average Price by Application (2018-2029) & (US\$/K Units)

Figure 35. North America Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 37. North America Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America Automotive Grade CMOS Image Sensor Consumption Value Market Share by Country (2018-2029)

Figure 39. United States Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Europe Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe Automotive Grade CMOS Image Sensor Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Automotive Grade CMOS Image Sensor Consumption Value Market Share by Region (2018-2029)

Figure 55. China Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Automotive Grade CMOS Image Sensor Sales Quantity

Market Share by Type (2018-2029)

Figure 62. South America Automotive Grade CMOS Image Sensor Sales Quantity

Market Share by Application (2018-2029)

Figure 63. South America Automotive Grade CMOS Image Sensor Sales Quantity

Market Share by Country (2018-2029)

Figure 64. South America Automotive Grade CMOS Image Sensor Consumption Value

Market Share by Country (2018-2029)

Figure 65. Brazil Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Argentina Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 68. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 69. Middle East & Africa Automotive Grade CMOS Image Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 70. Middle East & Africa Automotive Grade CMOS Image Sensor Consumption Value Market Share by Region (2018-2029)

Figure 71. Turkey Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Egypt Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Saudi Arabia Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. South Africa Automotive Grade CMOS Image Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Automotive Grade CMOS Image Sensor Market Drivers

Figure 76. Automotive Grade CMOS Image Sensor Market Restraints

Figure 77. Automotive Grade CMOS Image Sensor Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Automotive Grade CMOS Image Sensor in 2022

Figure 80. Manufacturing Process Analysis of Automotive Grade CMOS Image Sensor

Figure 81. Automotive Grade CMOS Image Sensor Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global Automotive Grade CMOS Image Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GFF1C395C64DEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFF1C395C64DEN.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

