

Global RGB CMOS Image Sensors Market Growth 2026-2032

<https://marketpublishers.com/r/GE41BCCB60EEEN.html>

Date: January 2026

Pages: 95

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

ID: GE41BCCB60EEEN

Abstracts

The global RGB CMOS Image Sensors market size is predicted to grow from US\$ 7477 million in 2025 to US\$ 12384 million in 2032; it is expected to grow at a CAGR of 7.5% from 2026 to 2032.

In 2025, global RGB CMOS image sensor production reached approximately 1.86 billion Units, with an average global market price of around US\$ 4.1 per unit.

An RGB CMOS image sensor is a color - sensitive semiconductor device that captures visible light by filtering red (R), green (G), blue (B) wavelengths through a Bayer - pattern color filter array, converting photons into digital signals for high - quality color imaging. It is the mainstream choice for consumer electronics, automotive, industrial, and security applications, outperforming CCDs in power efficiency, integration, and cost.

The CMOS image sensor industry chain presents a vertical hierarchical structure with clear division of labor, spanning from upstream core material and equipment supply, midstream sensor design, manufacturing and packaging, to downstream application terminal integration. The industry has strong technical barriers, high concentration of leading enterprises, and close collaborative links between upstream and downstream links. The upstream segment provides the essential materials, equipment and intellectual property (IP) required for CIS design and manufacturing, and is the foundation of the entire industry chain. The market is dominated by a small number of international enterprises. The midstream is the core value link of the industry chain, covering three key links: chip design, wafer fabrication, and packaging and testing. The industry is divided into two business models: IDM (Integrated Device Manufacturer) and Fabless + Foundry + OSAT. Downstream applications cover consumer electronics, automotive electronics, industrial detection, security monitoring, medical imaging and

other fields. The demand of different scenarios drives the iteration of CIS technology, and the B2B field has become the main growth engine in recent years. The iteration of downstream application demand (e.g., automotive high dynamic range, industrial global shutter) drives the R&D of midstream design and upstream material and equipment technologies, forming a positive feedback loop.

LP Information, Inc. (LPI) ' newest research report, the "RGB CMOS Image Sensors Industry Forecast" looks at past sales and reviews total world RGB CMOS Image Sensors sales in 2025, providing a comprehensive analysis by region and market sector of projected RGB CMOS Image Sensors sales for 2026 through 2032. With RGB CMOS Image Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world RGB CMOS Image Sensors industry.

This Insight Report provides a comprehensive analysis of the global RGB CMOS Image Sensors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on RGB CMOS Image Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global RGB CMOS Image Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for RGB CMOS Image Sensors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global RGB CMOS Image Sensors.

This report presents a comprehensive overview, market shares, and growth opportunities of RGB CMOS Image Sensors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Global Shutter

Rolling Shutter

Segmentation by Pixel Structure:

Front Side Illuminated

Back Side Illuminated

Stacked CMOS Image Sensor

Segmentation by Pixel Size:

Small Pixel

Medium Pixel

Large Pixel

Segmentation by Application:

Automotive

Consumer Electronics

Industrial

Security & Surveillance

Others

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 analysing the company's coverage, product portfolio, its market penetration.

SONY

Samsung

OmniVision

STMicroelectronics

On Semi

GalaxyCore

Panasonic

Smartsens Technology

Canon

SOI

Key Questions Addressed in this Report

What is the 10-year outlook for the global RGB CMOS Image Sensors market?

What factors are driving RGB CMOS Image Sensors market growth, globally and by region?

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

How do RGB CMOS Image Sensors market opportunities vary by end market size?

How does RGB CMOS Image Sensors break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global RGB CMOS Image Sensors Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for RGB CMOS Image Sensors by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for RGB CMOS Image Sensors by Country/Region, 2021, 2025 & 2032
- 2.2 RGB CMOS Image Sensors Segment by Type
 - 2.2.1 Global Shutter
 - 2.2.2 Rolling Shutter
 - 2.2.3 RGB CMOS Image Sensors Sales by Type
 - 2.2.3.1 Global RGB CMOS Image Sensors Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global RGB CMOS Image Sensors Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global RGB CMOS Image Sensors Sale Price by Type (2021-2026)
- 2.3 RGB CMOS Image Sensors Segment by Pixel Structure
 - 2.3.1 Front Side Illuminated
 - 2.3.2 Back Side Illuminated
 - 2.3.3 Stacked CMOS Image Sensor
 - 2.3.4 RGB CMOS Image Sensors Sales by Pixel Structure
 - 2.3.4.1 Global RGB CMOS Image Sensors Sales Market Share by Pixel Structure (2021-2026)
 - 2.3.4.2 Global RGB CMOS Image Sensors Revenue and Market Share by Pixel Structure (2021-2026)
 - 2.3.4.3 Global RGB CMOS Image Sensors Sale Price by Pixel Structure (2021-2026)

2.4 RGB CMOS Image Sensors Segment by Pixel Size

2.4.1 Small Pixel

2.4.2 Medium Pixel

2.4.3 Large Pixel

2.4.4 RGB CMOS Image Sensors Sales by Pixel Size

2.4.4.1 Global RGB CMOS Image Sensors Sales Market Share by Pixel Size (2021-2026)

2.4.4.2 Global RGB CMOS Image Sensors Revenue and Market Share by Pixel Size (2021-2026)

2.4.4.3 Global RGB CMOS Image Sensors Sale Price by Pixel Size (2021-2026)

2.5 RGB CMOS Image Sensors Segment by Application

2.5.1 Automotive

2.5.2 Consumer Electronics

2.5.3 Industrial

2.5.4 Security & Surveillance

2.5.5 Others

2.5.6 RGB CMOS Image Sensors Sales by Application

2.5.6.1 Global RGB CMOS Image Sensors Sale Market Share by Application (2021-2026)

2.5.6.2 Global RGB CMOS Image Sensors Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global RGB CMOS Image Sensors Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global RGB CMOS Image Sensors Breakdown Data by Company

3.1.1 Global RGB CMOS Image Sensors Annual Sales by Company (2021-2026)

3.1.2 Global RGB CMOS Image Sensors Sales Market Share by Company (2021-2026)

3.2 Global RGB CMOS Image Sensors Annual Revenue by Company (2021-2026)

3.2.1 Global RGB CMOS Image Sensors Revenue by Company (2021-2026)

3.2.2 Global RGB CMOS Image Sensors Revenue Market Share by Company (2021-2026)

3.3 Global RGB CMOS Image Sensors Sale Price by Company

3.4 Key Manufacturers RGB CMOS Image Sensors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers RGB CMOS Image Sensors Product Location Distribution

3.4.2 Players RGB CMOS Image Sensors Products Offered

3.5 Market Concentration Rate Analysis

- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR RGB CMOS IMAGE SENSORS BY GEOGRAPHIC REGION

- 4.1 World Historic RGB CMOS Image Sensors Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global RGB CMOS Image Sensors Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global RGB CMOS Image Sensors Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic RGB CMOS Image Sensors Market Size by Country/Region (2021-2026)
 - 4.2.1 Global RGB CMOS Image Sensors Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global RGB CMOS Image Sensors Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas RGB CMOS Image Sensors Sales Growth
- 4.4 APAC RGB CMOS Image Sensors Sales Growth
- 4.5 Europe RGB CMOS Image Sensors Sales Growth
- 4.6 Middle East & Africa RGB CMOS Image Sensors Sales Growth

5 AMERICAS

- 5.1 Americas RGB CMOS Image Sensors Sales by Country
 - 5.1.1 Americas RGB CMOS Image Sensors Sales by Country (2021-2026)
 - 5.1.2 Americas RGB CMOS Image Sensors Revenue by Country (2021-2026)
- 5.2 Americas RGB CMOS Image Sensors Sales by Type (2021-2026)
- 5.3 Americas RGB CMOS Image Sensors Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

6.1 APAC RGB CMOS Image Sensors Sales by Region

6.1.1 APAC RGB CMOS Image Sensors Sales by Region (2021-2026)

6.1.2 APAC RGB CMOS Image Sensors Revenue by Region (2021-2026)

6.2 APAC RGB CMOS Image Sensors Sales by Type (2021-2026)

6.3 APAC RGB CMOS Image Sensors Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe RGB CMOS Image Sensors by Country

7.1.1 Europe RGB CMOS Image Sensors Sales by Country (2021-2026)

7.1.2 Europe RGB CMOS Image Sensors Revenue by Country (2021-2026)

7.2 Europe RGB CMOS Image Sensors Sales by Type (2021-2026)

7.3 Europe RGB CMOS Image Sensors Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa RGB CMOS Image Sensors by Country

8.1.1 Middle East & Africa RGB CMOS Image Sensors Sales by Country (2021-2026)

8.1.2 Middle East & Africa RGB CMOS Image Sensors Revenue by Country
(2021-2026)

8.2 Middle East & Africa RGB CMOS Image Sensors Sales by Type (2021-2026)

8.3 Middle East & Africa RGB CMOS Image Sensors Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of RGB CMOS Image Sensors
- 10.3 Manufacturing Process Analysis of RGB CMOS Image Sensors
- 10.4 Industry Chain Structure of RGB CMOS Image Sensors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 RGB CMOS Image Sensors Distributors
- 11.3 RGB CMOS Image Sensors Customer

12 WORLD FORECAST REVIEW FOR RGB CMOS IMAGE SENSORS BY GEOGRAPHIC REGION

- 12.1 Global RGB CMOS Image Sensors Market Size Forecast by Region
 - 12.1.1 Global RGB CMOS Image Sensors Forecast by Region (2027-2032)
 - 12.1.2 Global RGB CMOS Image Sensors Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global RGB CMOS Image Sensors Forecast by Type (2027-2032)
- 12.7 Global RGB CMOS Image Sensors Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

- 13.1 SONY

- 13.1.1 SONY Company Information
- 13.1.2 SONY RGB CMOS Image Sensors Product Portfolios and Specifications
- 13.1.3 SONY RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.1.4 SONY Main Business Overview
- 13.1.5 SONY Latest Developments
- 13.2 Samsung
 - 13.2.1 Samsung Company Information
 - 13.2.2 Samsung RGB CMOS Image Sensors Product Portfolios and Specifications
 - 13.2.3 Samsung RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.2.4 Samsung Main Business Overview
 - 13.2.5 Samsung Latest Developments
- 13.3 OmniVision
 - 13.3.1 OmniVision Company Information
 - 13.3.2 OmniVision RGB CMOS Image Sensors Product Portfolios and Specifications
 - 13.3.3 OmniVision RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.3.4 OmniVision Main Business Overview
 - 13.3.5 OmniVision Latest Developments
- 13.4 STMicroelectronics
 - 13.4.1 STMicroelectronics Company Information
 - 13.4.2 STMicroelectronics RGB CMOS Image Sensors Product Portfolios and Specifications
 - 13.4.3 STMicroelectronics RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 STMicroelectronics Main Business Overview
 - 13.4.5 STMicroelectronics Latest Developments
- 13.5 On Semi
 - 13.5.1 On Semi Company Information
 - 13.5.2 On Semi RGB CMOS Image Sensors Product Portfolios and Specifications
 - 13.5.3 On Semi RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 On Semi Main Business Overview
 - 13.5.5 On Semi Latest Developments
- 13.6 GalaxyCore
 - 13.6.1 GalaxyCore Company Information
 - 13.6.2 GalaxyCore RGB CMOS Image Sensors Product Portfolios and Specifications
 - 13.6.3 GalaxyCore RGB CMOS Image Sensors Sales, Revenue, Price and Gross

Margin (2021-2026)

13.6.4 GalaxyCore Main Business Overview

13.6.5 GalaxyCore Latest Developments

13.7 Panasonic

13.7.1 Panasonic Company Information

13.7.2 Panasonic RGB CMOS Image Sensors Product Portfolios and Specifications

13.7.3 Panasonic RGB CMOS Image Sensors Sales, Revenue, Price and Gross

Margin (2021-2026)

13.7.4 Panasonic Main Business Overview

13.7.5 Panasonic Latest Developments

13.8 Smartsens Technology

13.8.1 Smartsens Technology Company Information

13.8.2 Smartsens Technology RGB CMOS Image Sensors Product Portfolios and Specifications

13.8.3 Smartsens Technology RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Smartsens Technology Main Business Overview

13.8.5 Smartsens Technology Latest Developments

13.9 Canon

13.9.1 Canon Company Information

13.9.2 Canon RGB CMOS Image Sensors Product Portfolios and Specifications

13.9.3 Canon RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Canon Main Business Overview

13.9.5 Canon Latest Developments

13.10 SOI

13.10.1 SOI Company Information

13.10.2 SOI RGB CMOS Image Sensors Product Portfolios and Specifications

13.10.3 SOI RGB CMOS Image Sensors Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 SOI Main Business Overview

13.10.5 SOI Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. RGB CMOS Image Sensors Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. RGB CMOS Image Sensors Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Global Shutter

Table 4. Major Players of Rolling Shutter

Table 5. Global RGB CMOS Image Sensors Sales by Type (2021-2026) & (Million Units)

Table 6. Global RGB CMOS Image Sensors Sales Market Share by Type (2021-2026)

Table 7. Global RGB CMOS Image Sensors Revenue by Type (2021-2026) & (\$ million)

Table 8. Global RGB CMOS Image Sensors Revenue Market Share by Type (2021-2026)

Table 9. Global RGB CMOS Image Sensors Sale Price by Type (2021-2026) & (US\$/Unit)

Table 10. Major Players of Front Side Illuminated

Table 11. Major Players of Back Side Illuminated

Table 12. Major Players of Stacked CMOS Image Sensor

Table 13. Global RGB CMOS Image Sensors Sales by Pixel Structure (2021-2026) & (Million Units)

Table 14. Global RGB CMOS Image Sensors Sales Market Share by Pixel Structure (2021-2026)

Table 15. Global RGB CMOS Image Sensors Revenue by Pixel Structure (2021-2026) & (\$ million)

Table 16. Global RGB CMOS Image Sensors Revenue Market Share by Pixel Structure (2021-2026)

Table 17. Global RGB CMOS Image Sensors Sale Price by Pixel Structure (2021-2026) & (US\$/Unit)

Table 18. Major Players of Small Pixel

Table 19. Major Players of Medium Pixel

Table 20. Major Players of Large Pixel

Table 21. Global RGB CMOS Image Sensors Sales by Pixel Size (2021-2026) & (Million Units)

Table 22. Global RGB CMOS Image Sensors Sales Market Share by Pixel Size (2021-2026)

Table 23. Global RGB CMOS Image Sensors Revenue by Pixel Size (2021-2026) & (\$

million)

Table 24. Global RGB CMOS Image Sensors Revenue Market Share by Pixel Size (2021-2026)

Table 25. Global RGB CMOS Image Sensors Sale Price by Pixel Size (2021-2026) & (US\$/Unit)

Table 26. Global RGB CMOS Image Sensors Sale by Application (2021-2026) & (Million Units)

Table 27. Global RGB CMOS Image Sensors Sale Market Share by Application (2021-2026)

Table 28. Global RGB CMOS Image Sensors Revenue by Application (2021-2026) & (\$ million)

Table 29. Global RGB CMOS Image Sensors Revenue Market Share by Application (2021-2026)

Table 30. Global RGB CMOS Image Sensors Sale Price by Application (2021-2026) & (US\$/Unit)

Table 31. Global RGB CMOS Image Sensors Sales by Company (2021-2026) & (Million Units)

Table 32. Global RGB CMOS Image Sensors Sales Market Share by Company (2021-2026)

Table 33. Global RGB CMOS Image Sensors Revenue by Company (2021-2026) & (\$ millions)

Table 34. Global RGB CMOS Image Sensors Revenue Market Share by Company (2021-2026)

Table 35. Global RGB CMOS Image Sensors Sale Price by Company (2021-2026) & (US\$/Unit)

Table 36. Key Manufacturers RGB CMOS Image Sensors Producing Area Distribution and Sales Area

Table 37. Players RGB CMOS Image Sensors Products Offered

Table 38. RGB CMOS Image Sensors Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 39. New Products and Potential Entrants

Table 40. Market M&A Activity & Strategy

Table 41. Global RGB CMOS Image Sensors Sales by Geographic Region (2021-2026) & (Million Units)

Table 42. Global RGB CMOS Image Sensors Sales Market Share Geographic Region (2021-2026)

Table 43. Global RGB CMOS Image Sensors Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 44. Global RGB CMOS Image Sensors Revenue Market Share by Geographic

Region (2021-2026)

Table 45. Global RGB CMOS Image Sensors Sales by Country/Region (2021-2026) & (Million Units)

Table 46. Global RGB CMOS Image Sensors Sales Market Share by Country/Region (2021-2026)

Table 47. Global RGB CMOS Image Sensors Revenue by Country/Region (2021-2026) & (\$ millions)

Table 48. Global RGB CMOS Image Sensors Revenue Market Share by Country/Region (2021-2026)

Table 49. Americas RGB CMOS Image Sensors Sales by Country (2021-2026) & (Million Units)

Table 50. Americas RGB CMOS Image Sensors Sales Market Share by Country (2021-2026)

Table 51. Americas RGB CMOS Image Sensors Revenue by Country (2021-2026) & (\$ millions)

Table 52. Americas RGB CMOS Image Sensors Sales by Type (2021-2026) & (Million Units)

Table 53. Americas RGB CMOS Image Sensors Sales by Application (2021-2026) & (Million Units)

Table 54. APAC RGB CMOS Image Sensors Sales by Region (2021-2026) & (Million Units)

Table 55. APAC RGB CMOS Image Sensors Sales Market Share by Region (2021-2026)

Table 56. APAC RGB CMOS Image Sensors Revenue by Region (2021-2026) & (\$ millions)

Table 57. APAC RGB CMOS Image Sensors Sales by Type (2021-2026) & (Million Units)

Table 58. APAC RGB CMOS Image Sensors Sales by Application (2021-2026) & (Million Units)

Table 59. Europe RGB CMOS Image Sensors Sales by Country (2021-2026) & (Million Units)

Table 60. Europe RGB CMOS Image Sensors Revenue by Country (2021-2026) & (\$ millions)

Table 61. Europe RGB CMOS Image Sensors Sales by Type (2021-2026) & (Million Units)

Table 62. Europe RGB CMOS Image Sensors Sales by Application (2021-2026) & (Million Units)

Table 63. Middle East & Africa RGB CMOS Image Sensors Sales by Country (2021-2026) & (Million Units)

Table 64. Middle East & Africa RGB CMOS Image Sensors Revenue Market Share by Country (2021-2026)

Table 65. Middle East & Africa RGB CMOS Image Sensors Sales by Type (2021-2026) & (Million Units)

Table 66. Middle East & Africa RGB CMOS Image Sensors Sales by Application (2021-2026) & (Million Units)

Table 67. Key Market Drivers & Growth Opportunities of RGB CMOS Image Sensors

Table 68. Key Market Challenges & Risks of RGB CMOS Image Sensors

Table 69. Key Industry Trends of RGB CMOS Image Sensors

Table 70. RGB CMOS Image Sensors Raw Material

Table 71. Key Suppliers of Raw Materials

Table 72. RGB CMOS Image Sensors Distributors List

Table 73. RGB CMOS Image Sensors Customer List

Table 74. Global RGB CMOS Image Sensors Sales Forecast by Region (2027-2032) & (Million Units)

Table 75. Global RGB CMOS Image Sensors Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 76. Americas RGB CMOS Image Sensors Sales Forecast by Country (2027-2032) & (Million Units)

Table 77. Americas RGB CMOS Image Sensors Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 78. APAC RGB CMOS Image Sensors Sales Forecast by Region (2027-2032) & (Million Units)

Table 79. APAC RGB CMOS Image Sensors Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Europe RGB CMOS Image Sensors Sales Forecast by Country (2027-2032) & (Million Units)

Table 81. Europe RGB CMOS Image Sensors Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. Middle East & Africa RGB CMOS Image Sensors Sales Forecast by Country (2027-2032) & (Million Units)

Table 83. Middle East & Africa RGB CMOS Image Sensors Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. Global RGB CMOS Image Sensors Sales Forecast by Type (2027-2032) & (Million Units)

Table 85. Global RGB CMOS Image Sensors Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 86. Global RGB CMOS Image Sensors Sales Forecast by Application (2027-2032) & (Million Units)

Table 87. Global RGB CMOS Image Sensors Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 88. SONY Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 89. SONY RGB CMOS Image Sensors Product Portfolios and Specifications

Table 90. SONY RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. SONY Main Business

Table 92. SONY Latest Developments

Table 93. Samsung Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 94. Samsung RGB CMOS Image Sensors Product Portfolios and Specifications

Table 95. Samsung RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Samsung Main Business

Table 97. Samsung Latest Developments

Table 98. OmniVision Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 99. OmniVision RGB CMOS Image Sensors Product Portfolios and Specifications

Table 100. OmniVision RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. OmniVision Main Business

Table 102. OmniVision Latest Developments

Table 103. STMicroelectronics Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 104. STMicroelectronics RGB CMOS Image Sensors Product Portfolios and Specifications

Table 105. STMicroelectronics RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. STMicroelectronics Main Business

Table 107. STMicroelectronics Latest Developments

Table 108. On Semi Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 109. On Semi RGB CMOS Image Sensors Product Portfolios and Specifications

Table 110. On Semi RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. On Semi Main Business

Table 112. On Semi Latest Developments

Table 113. GalaxyCore Basic Information, RGB CMOS Image Sensors Manufacturing

Base, Sales Area and Its Competitors

Table 114. GalaxyCore RGB CMOS Image Sensors Product Portfolios and Specifications

Table 115. GalaxyCore RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. GalaxyCore Main Business

Table 117. GalaxyCore Latest Developments

Table 118. Panasonic Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 119. Panasonic RGB CMOS Image Sensors Product Portfolios and Specifications

Table 120. Panasonic RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. Panasonic Main Business

Table 122. Panasonic Latest Developments

Table 123. Smartsens Technology Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 124. Smartsens Technology RGB CMOS Image Sensors Product Portfolios and Specifications

Table 125. Smartsens Technology RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. Smartsens Technology Main Business

Table 127. Smartsens Technology Latest Developments

Table 128. Canon Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 129. Canon RGB CMOS Image Sensors Product Portfolios and Specifications

Table 130. Canon RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. Canon Main Business

Table 132. Canon Latest Developments

Table 133. SOI Basic Information, RGB CMOS Image Sensors Manufacturing Base, Sales Area and Its Competitors

Table 134. SOI RGB CMOS Image Sensors Product Portfolios and Specifications

Table 135. SOI RGB CMOS Image Sensors Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. SOI Main Business

Table 137. SOI Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of RGB CMOS Image Sensors

Figure 2. RGB CMOS Image Sensors Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global RGB CMOS Image Sensors Sales Growth Rate 2021-2032 (Million Units)

Figure 7. Global RGB CMOS Image Sensors Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. RGB CMOS Image Sensors Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. RGB CMOS Image Sensors Sales Market Share by Country/Region (2025)

Figure 10. RGB CMOS Image Sensors Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of Global Shutter

Figure 12. Product Picture of Rolling Shutter

Figure 13. Global RGB CMOS Image Sensors Sales Market Share by Type in 2026

Figure 14. Global RGB CMOS Image Sensors Revenue Market Share by Type (2021-2026)

Figure 15. Product Picture of Front Side Illuminated

Figure 16. Product Picture of Back Side Illuminated

Figure 17. Product Picture of Stacked CMOS Image Sensor

Figure 18. Global RGB CMOS Image Sensors Sales Market Share by Pixel Structure in 2026

Figure 19. Global RGB CMOS Image Sensors Revenue Market Share by Pixel Structure (2021-2026)

Figure 20. Product Picture of Small Pixel

Figure 21. Product Picture of Medium Pixel

Figure 22. Product Picture of Large Pixel

Figure 23. Global RGB CMOS Image Sensors Sales Market Share by Pixel Size in 2026

Figure 24. Global RGB CMOS Image Sensors Revenue Market Share by Pixel Size (2021-2026)

Figure 25. RGB CMOS Image Sensors Consumed in Automotive

Figure 26. Global RGB CMOS Image Sensors Market: Automotive (2021-2026) &

(Million Units)

Figure 27. RGB CMOS Image Sensors Consumed in Consumer Electronics

Figure 28. Global RGB CMOS Image Sensors Market: Consumer Electronics
(2021-2026) & (Million Units)

Figure 29. RGB CMOS Image Sensors Consumed in Industrial

Figure 30. Global RGB CMOS Image Sensors Market: Industrial (2021-2026) & (Million
Units)

Figure 31. RGB CMOS Image Sensors Consumed in Security & Surveillance

Figure 32. Global RGB CMOS Image Sensors Market: Security & Surveillance
(2021-2026) & (Million Units)

Figure 33. RGB CMOS Image Sensors Consumed in Others

Figure 34. Global RGB CMOS Image Sensors Market: Others (2021-2026) & (Million
Units)

Figure 35. Global RGB CMOS Image Sensors Sale Market Share by Application (2025)

Figure 36. Global RGB CMOS Image Sensors Revenue Market Share by Application in
2026

Figure 37. RGB CMOS Image Sensors Sales by Company in 2026 (Million Units)

Figure 38. Global RGB CMOS Image Sensors Sales Market Share by Company in 2026

Figure 39. RGB CMOS Image Sensors Revenue by Company in 2026 (\$ millions)

Figure 40. Global RGB CMOS Image Sensors Revenue Market Share by Company in
2026

Figure 41. Global RGB CMOS Image Sensors Sales Market Share by Geographic
Region (2021-2026)

Figure 42. Global RGB CMOS Image Sensors Revenue Market Share by Geographic
Region in 2026

Figure 43. Americas RGB CMOS Image Sensors Sales 2021-2026 (Million Units)

Figure 44. Americas RGB CMOS Image Sensors Revenue 2021-2026 (\$ millions)

Figure 45. APAC RGB CMOS Image Sensors Sales 2021-2026 (Million Units)

Figure 46. APAC RGB CMOS Image Sensors Revenue 2021-2026 (\$ millions)

Figure 47. Europe RGB CMOS Image Sensors Sales 2021-2026 (Million Units)

Figure 48. Europe RGB CMOS Image Sensors Revenue 2021-2026 (\$ millions)

Figure 49. Middle East & Africa RGB CMOS Image Sensors Sales 2021-2026 (Million
Units)

Figure 50. Middle East & Africa RGB CMOS Image Sensors Revenue 2021-2026 (\$
millions)

Figure 51. Americas RGB CMOS Image Sensors Sales Market Share by Country in
2026

Figure 52. Americas RGB CMOS Image Sensors Revenue Market Share by Country
(2021-2026)

Figure 53. Americas RGB CMOS Image Sensors Sales Market Share by Type (2021-2026)

Figure 54. Americas RGB CMOS Image Sensors Sales Market Share by Application (2021-2026)

Figure 55. United States RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 56. Canada RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 57. Mexico RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 58. Brazil RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 59. APAC RGB CMOS Image Sensors Sales Market Share by Region in 2026

Figure 60. APAC RGB CMOS Image Sensors Revenue Market Share by Region (2021-2026)

Figure 61. APAC RGB CMOS Image Sensors Sales Market Share by Type (2021-2026)

Figure 62. APAC RGB CMOS Image Sensors Sales Market Share by Application (2021-2026)

Figure 63. China RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 64. Japan RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 65. South Korea RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 66. Southeast Asia RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 67. India RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 68. Australia RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 69. China Taiwan RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 70. Europe RGB CMOS Image Sensors Sales Market Share by Country in 2026

Figure 71. Europe RGB CMOS Image Sensors Revenue Market Share by Country (2021-2026)

Figure 72. Europe RGB CMOS Image Sensors Sales Market Share by Type (2021-2026)

Figure 73. Europe RGB CMOS Image Sensors Sales Market Share by Application (2021-2026)

Figure 74. Germany RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 75. France RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 76. UK RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 77. Italy RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 78. Russia RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 79. Middle East & Africa RGB CMOS Image Sensors Sales Market Share by Country (2021-2026)

Figure 80. Middle East & Africa RGB CMOS Image Sensors Sales Market Share by Type (2021-2026)

Figure 81. Middle East & Africa RGB CMOS Image Sensors Sales Market Share by Application (2021-2026)

Figure 82. Egypt RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 83. South Africa RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 84. Israel RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 85. Turkey RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 86. GCC Countries RGB CMOS Image Sensors Revenue Growth 2021-2026 (\$ millions)

Figure 87. Manufacturing Cost Structure Analysis of RGB CMOS Image Sensors in 2026

Figure 88. Manufacturing Process Analysis of RGB CMOS Image Sensors

Figure 89. Industry Chain Structure of RGB CMOS Image Sensors

Figure 90. Channels of Distribution

Figure 91. Global RGB CMOS Image Sensors Sales Market Forecast by Region (2027-2032)

Figure 92. Global RGB CMOS Image Sensors Revenue Market Share Forecast by Region (2027-2032)

Figure 93. Global RGB CMOS Image Sensors Sales Market Share Forecast by Type (2027-2032)

Figure 94. Global RGB CMOS Image Sensors Revenue Market Share Forecast by Type (2027-2032)

Figure 95. Global RGB CMOS Image Sensors Sales Market Share Forecast by Application (2027-2032)

Figure 96. Global RGB CMOS Image Sensors Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global RGB CMOS Image Sensors Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GE41BCCB60EEEN.html>

Price: US\$ 3,660.00 (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/GE41BCCB60EEEN.html>