

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) CMOS Image Sensor Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G9B0D76F90CEN.html>

Date: June 2018

Pages: 136

Price: US\$ 4,880.00 (Single User License)

ID: G9B0D76F90CEN

## Abstracts

Image sensor is a sensor that detects and conveys the information that constitutes an image. The image sensor is usually divided by two kinds: CCD and CMOS.

### SCOPE OF THE REPORT:

This report focuses on the CMOS Image Sensor in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Strong moves in the CIS markets have greatly modified the competitive landscape.

Sony is now a market revenue and technology leader. OmniVision and Samsung have remained strong. Meanwhile, the Integrated Device Manufacturer (IDM) model has been a great strength for Canon and Nikon, which have weathered the slow-down in digital still-cameras.

In the next five years, the global consumption of CMOS Image Sensor will show upward tendency further, consumption is expected in 2020 will be 5535 (million units). The average operating rate will remain at 80% to 90%.

Smartphone applications still take the lion's share of the CMOS Image Sensor (CIS) market. While automotive is the big story in 2014, as car manufacturers like Tesla, Nissan and Ford are showing off their first camera-enabled features.

Despite the presence of competition problems, due to the clear global recovery trend, investors are still optimistic about this area, in future still more new investment will enter into the field. Technology and cost are two major problems.

Although sales of CMOS Image Sensor brought a lot of opportunities, for the new entrants with only advantage in capital without sufficient support in technology and downstream channels, the research group did not recommend taking risk the enter this

market.

The worldwide market for CMOS Image Sensor is expected to grow at a CAGR of roughly 7.3% over the next five years, will reach 6830 million US\$ in 2023, from 4800 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Sony

Samsung

OmniVision

Canon

On Semi (Aptina)

Toshiba

ST

Nikon

PixelPlus

Pixart

SiliconFile

GalaxyCore

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Front-illuminated (FI) CMOS

Backside-illuminated (BSI) CMOS sensor

Market Segment by Applications, can be divided into

Industrial/Space/Defence

Security

Medical

Automotive

Computing

Consumer

Mobile

There are 15 Chapters to deeply display the global CMOS Image Sensor market.

Chapter 1, to describe CMOS Image Sensor Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of CMOS Image Sensor, with sales, revenue, and price of CMOS Image Sensor, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of CMOS Image Sensor, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, CMOS Image Sensor market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe CMOS Image Sensor sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

## Contents

### 1 MARKET OVERVIEW

- 1.1 CMOS Image Sensor Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 Front-illuminated (FI) CMOS
  - 1.2.2 Backside-illuminated (BSI) CMOS sensor
- 1.3 Market Analysis by Applications
  - 1.3.1 Industrial/Space/Defence
  - 1.3.2 Security
  - 1.3.3 Medical
  - 1.3.4 Automotive
  - 1.3.5 Computing
  - 1.3.6 Consumer
  - 1.3.7 Mobile
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (United States, Canada and Mexico)
    - 1.4.1.1 United States Market States and Outlook (2013-2023)
    - 1.4.1.2 Canada Market States and Outlook (2013-2023)
    - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
    - 1.4.2.1 Germany Market States and Outlook (2013-2023)
    - 1.4.2.2 France Market States and Outlook (2013-2023)
    - 1.4.2.3 UK Market States and Outlook (2013-2023)
    - 1.4.2.4 Russia Market States and Outlook (2013-2023)
    - 1.4.2.5 Italy Market States and Outlook (2013-2023)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2013-2023)
    - 1.4.3.2 Japan Market States and Outlook (2013-2023)
    - 1.4.3.3 Korea Market States and Outlook (2013-2023)
    - 1.4.3.4 India Market States and Outlook (2013-2023)
    - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
  - 1.4.4 South America, Middle East and Africa
    - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
    - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
    - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
    - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
    - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)

## 1.5 Market Dynamics

### 1.5.1 Market Opportunities

### 1.5.2 Market Risk

### 1.5.3 Market Driving Force

## 2 MANUFACTURERS PROFILES

### 2.1 Sony

#### 2.1.1 Business Overview

##### 2.1.1.1 Sony Description

##### 2.1.1.2 Sony Headquarter, Main Business and Finance Overview

#### 2.1.2 Sony CMOS Image Sensor Product Introduction

##### 2.1.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major Competitors

##### 2.1.2.2 CMOS Image Sensor Product Information

#### 2.1.3 Sony CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.1 Sony CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.1.3.2 Global Sony CMOS Image Sensor Market Share in 2017

### 2.2 Samsung

#### 2.2.1 Business Overview

##### 2.2.1.1 Samsung Description

##### 2.2.1.2 Samsung Headquarter, Main Business and Finance Overview

#### 2.2.2 Samsung CMOS Image Sensor Product Introduction

##### 2.2.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major Competitors

##### 2.2.2.2 CMOS Image Sensor Product Information

#### 2.2.3 Samsung CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.1 Samsung CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

##### 2.2.3.2 Global Samsung CMOS Image Sensor Market Share in 2017

### 2.3 OmniVision

#### 2.3.1 Business Overview

##### 2.3.1.1 OmniVision Description

##### 2.3.1.2 OmniVision Headquarter, Main Business and Finance Overview

#### 2.3.2 OmniVision CMOS Image Sensor Product Introduction

##### 2.3.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

### 2.3.2.2 CMOS Image Sensor Product Information

### 2.3.3 OmniVision CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.3.3.1 OmniVision CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.3.3.2 Global OmniVision CMOS Image Sensor Market Share in 2017

## 2.4 Canon

### 2.4.1 Business Overview

#### 2.4.1.1 Canon Description

#### 2.4.1.2 Canon Headquarter, Main Business and Finance Overview

### 2.4.2 Canon CMOS Image Sensor Product Introduction

#### 2.4.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

#### 2.4.2.2 CMOS Image Sensor Product Information

### 2.4.3 Canon CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.4.3.1 Canon CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.4.3.2 Global Canon CMOS Image Sensor Market Share in 2017

## 2.5 On Semi (Aptina)

### 2.5.1 Business Overview

#### 2.5.1.1 On Semi (Aptina) Description

#### 2.5.1.2 On Semi (Aptina) Headquarter, Main Business and Finance Overview

### 2.5.2 On Semi (Aptina) CMOS Image Sensor Product Introduction

#### 2.5.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

#### 2.5.2.2 CMOS Image Sensor Product Information

### 2.5.3 On Semi (Aptina) CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.5.3.1 On Semi (Aptina) CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.5.3.2 Global On Semi (Aptina) CMOS Image Sensor Market Share in 2017

## 2.6 Toshiba

### 2.6.1 Business Overview

#### 2.6.1.1 Toshiba Description

#### 2.6.1.2 Toshiba Headquarter, Main Business and Finance Overview

### 2.6.2 Toshiba CMOS Image Sensor Product Introduction

#### 2.6.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

### 2.6.2.2 CMOS Image Sensor Product Information

### 2.6.3 Toshiba CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.6.3.1 Toshiba CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.6.3.2 Global Toshiba CMOS Image Sensor Market Share in 2017

## 2.7 ST

### 2.7.1 Business Overview

#### 2.7.1.1 ST Description

#### 2.7.1.2 ST Headquarter, Main Business and Finance Overview

### 2.7.2 ST CMOS Image Sensor Product Introduction

#### 2.7.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

### 2.7.2.2 CMOS Image Sensor Product Information

### 2.7.3 ST CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.7.3.1 ST CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.7.3.2 Global ST CMOS Image Sensor Market Share in 2017

## 2.8 Nikon

### 2.8.1 Business Overview

#### 2.8.1.1 Nikon Description

#### 2.8.1.2 Nikon Headquarter, Main Business and Finance Overview

### 2.8.2 Nikon CMOS Image Sensor Product Introduction

#### 2.8.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

### 2.8.2.2 CMOS Image Sensor Product Information

### 2.8.3 Nikon CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.8.3.1 Nikon CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.8.3.2 Global Nikon CMOS Image Sensor Market Share in 2017

## 2.9 PixelPlus

### 2.9.1 Business Overview

#### 2.9.1.1 PixelPlus Description

#### 2.9.1.2 PixelPlus Headquarter, Main Business and Finance Overview

### 2.9.2 PixelPlus CMOS Image Sensor Product Introduction

#### 2.9.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

### 2.9.2.2 CMOS Image Sensor Product Information

### 2.9.3 PixelPlus CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.9.3.1 PixelPlus CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.9.3.2 Global PixelPlus CMOS Image Sensor Market Share in 2017

## 2.10 Pixart

### 2.10.1 Business Overview

#### 2.10.1.1 Pixart Description

#### 2.10.1.2 Pixart Headquarter, Main Business and Finance Overview

### 2.10.2 Pixart CMOS Image Sensor Product Introduction

#### 2.10.2.1 CMOS Image Sensor Production Bases, Sales Regions and Major

## Competitors

#### 2.10.2.2 CMOS Image Sensor Product Information

### 2.10.3 Pixart CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.10.3.1 Pixart CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

#### 2.10.3.2 Global Pixart CMOS Image Sensor Market Share in 2017

## 2.11 SiliconFile

### 2.11.1 Business Overview

### 2.11.2 SiliconFile CMOS Image Sensor Product Introduction

### 2.11.3 SiliconFile CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## 2.12 GalaxyCore

### 2.12.1 Business Overview

### 2.12.2 GalaxyCore CMOS Image Sensor Product Introduction

### 2.12.3 GalaxyCore CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## **3 GLOBAL CMOS IMAGE SENSOR MARKET COMPETITION, BY MANUFACTURER**

### 3.1 Global CMOS Image Sensor Sales and Market Share by Manufacturer (2016-2017)

### 3.2 Global CMOS Image Sensor Revenue and Market Share by Manufacturer (2016-2017)

### 3.3 Global CMOS Image Sensor Price by Manufacturer (2016-2017)

### 3.4 Market Concentration Rate

#### 3.4.1 Top 3 CMOS Image Sensor Manufacturer Market Share in 2017

- 3.4.2 Top 5 CMOS Image Sensor Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

## **4 GLOBAL CMOS IMAGE SENSOR MARKET ANALYSIS BY REGIONS**

- 4.1 Global CMOS Image Sensor Sales, Revenue and Market Share by Regions
  - 4.1.1 Global CMOS Image Sensor Sales by Regions (2013-2018)
  - 4.1.2 Global CMOS Image Sensor Revenue by Regions (2013-2018)
- 4.2 North America CMOS Image Sensor Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe CMOS Image Sensor Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific CMOS Image Sensor Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America CMOS Image Sensor Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa CMOS Image Sensor Sales, Revenue and Growth Rate (2013-2018)

## **5 NORTH AMERICA CMOS IMAGE SENSOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 5.1 North America CMOS Image Sensor Sales, Revenue and Market Share by Countries
  - 5.1.1 North America CMOS Image Sensor Sales by Countries (2013-2018)
  - 5.1.2 North America CMOS Image Sensor Revenue by Countries (2013-2018)
  - 5.1.3 United States CMOS Image Sensor Sales and Growth Rate (2013-2018)
  - 5.1.4 Canada CMOS Image Sensor Sales and Growth Rate (2013-2018)
  - 5.1.5 Mexico CMOS Image Sensor Sales and Growth Rate (2013-2018)
- 5.2 North America CMOS Image Sensor Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 5.2.1 North America CMOS Image Sensor Sales by Manufacturers (2016-2017)
  - 5.2.2 North America CMOS Image Sensor Revenue by Manufacturers (2016-2017)
- 5.3 North America CMOS Image Sensor Sales, Revenue and Market Share by Type (2013-2018)
  - 5.3.1 North America CMOS Image Sensor Sales and Sales Share by Type (2013-2018)
  - 5.3.2 North America CMOS Image Sensor Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America CMOS Image Sensor Sales, Revenue and Market Share by Application (2013-2018)
  - 5.4.1 North America CMOS Image Sensor Sales and Sales Share by Application (2013-2018)

5.4.2 North America CMOS Image Sensor Revenue and Revenue Share by Application (2013-2018)

## **6 EUROPE CMOS IMAGE SENSOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

6.1 Europe CMOS Image Sensor Sales, Revenue and Market Share by Countries

6.1.1 Europe CMOS Image Sensor Sales by Countries (2013-2018)

6.1.2 Europe CMOS Image Sensor Revenue by Countries (2013-2018)

6.1.3 Germany CMOS Image Sensor Sales and Growth Rate (2013-2018)

6.1.4 UK CMOS Image Sensor Sales and Growth Rate (2013-2018)

6.1.5 France CMOS Image Sensor Sales and Growth Rate (2013-2018)

6.1.6 Russia CMOS Image Sensor Sales and Growth Rate (2013-2018)

6.1.7 Italy CMOS Image Sensor Sales and Growth Rate (2013-2018)

6.2 Europe CMOS Image Sensor Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe CMOS Image Sensor Sales by Manufacturers (2016-2017)

6.2.2 Europe CMOS Image Sensor Revenue by Manufacturers (2016-2017)

6.3 Europe CMOS Image Sensor Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe CMOS Image Sensor Sales and Sales Share by Type (2013-2018)

6.3.2 Europe CMOS Image Sensor Revenue and Revenue Share by Type (2013-2018)

6.4 Europe CMOS Image Sensor Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe CMOS Image Sensor Sales and Sales Share by Application (2013-2018)

6.4.2 Europe CMOS Image Sensor Revenue and Revenue Share by Application (2013-2018)

## **7 ASIA-PACIFIC CMOS IMAGE SENSOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

7.1 Asia-Pacific CMOS Image Sensor Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific CMOS Image Sensor Sales by Countries (2013-2018)

7.1.2 Asia-Pacific CMOS Image Sensor Revenue by Countries (2013-2018)

7.1.3 China CMOS Image Sensor Sales and Growth Rate (2013-2018)

7.1.4 Japan CMOS Image Sensor Sales and Growth Rate (2013-2018)

7.1.5 Korea CMOS Image Sensor Sales and Growth Rate (2013-2018)

7.1.6 India CMOS Image Sensor Sales and Growth Rate (2013-2018)

- 7.1.7 Southeast Asia CMOS Image Sensor Sales and Growth Rate (2013-2018)
- 7.2 Asia-Pacific CMOS Image Sensor Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 7.2.1 Asia-Pacific CMOS Image Sensor Sales by Manufacturers (2016-2017)
  - 7.2.2 Asia-Pacific CMOS Image Sensor Revenue by Manufacturers (2016-2017)
- 7.3 Asia-Pacific CMOS Image Sensor Sales, Revenue and Market Share by Type (2013-2018)
  - 7.3.1 Asia-Pacific CMOS Image Sensor Sales and Sales Share by Type (2013-2018)
  - 7.3.2 Asia-Pacific CMOS Image Sensor Revenue and Revenue Share by Type (2013-2018)
- 7.4 Asia-Pacific CMOS Image Sensor Sales, Revenue and Market Share by Application (2013-2018)
  - 7.4.1 Asia-Pacific CMOS Image Sensor Sales and Sales Share by Application (2013-2018)
  - 7.4.2 Asia-Pacific CMOS Image Sensor Revenue and Revenue Share by Application (2013-2018)

## **8 SOUTH AMERICA CMOS IMAGE SENSOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

- 8.1 South America CMOS Image Sensor Sales, Revenue and Market Share by Countries
  - 8.1.1 South America CMOS Image Sensor Sales by Countries (2013-2018)
  - 8.1.2 South America CMOS Image Sensor Revenue by Countries (2013-2018)
  - 8.1.3 Brazil CMOS Image Sensor Sales and Growth Rate (2013-2018)
  - 8.1.4 Argentina CMOS Image Sensor Sales and Growth Rate (2013-2018)
  - 8.1.5 Colombia CMOS Image Sensor Sales and Growth Rate (2013-2018)
- 8.2 South America CMOS Image Sensor Sales and Revenue (Value) by Manufacturers (2016-2017)
  - 8.2.1 South America CMOS Image Sensor Sales by Manufacturers (2016-2017)
  - 8.2.2 South America CMOS Image Sensor Revenue by Manufacturers (2016-2017)
- 8.3 South America CMOS Image Sensor Sales, Revenue and Market Share by Type (2013-2018)
  - 8.3.1 South America CMOS Image Sensor Sales and Sales Share by Type (2013-2018)
  - 8.3.2 South America CMOS Image Sensor Revenue and Revenue Share by Type (2013-2018)
- 8.4 South America CMOS Image Sensor Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America CMOS Image Sensor Sales and Sales Share by Application (2013-2018)

8.4.2 South America CMOS Image Sensor Revenue and Revenue Share by Application (2013-2018)

## **9 MIDDLE EAST AND AFRICA CMOS IMAGE SENSOR BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

9.1 Middle East and Africa CMOS Image Sensor Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa CMOS Image Sensor Sales by Countries (2013-2018)

9.1.2 Middle East and Africa CMOS Image Sensor Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia CMOS Image Sensor Sales and Growth Rate (2013-2018)

9.1.4 UAE CMOS Image Sensor Sales and Growth Rate (2013-2018)

9.1.5 Egypt CMOS Image Sensor Sales and Growth Rate (2013-2018)

9.1.6 Nigeria CMOS Image Sensor Sales and Growth Rate (2013-2018)

9.1.7 South Africa CMOS Image Sensor Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa CMOS Image Sensor Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa CMOS Image Sensor Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa CMOS Image Sensor Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa CMOS Image Sensor Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa CMOS Image Sensor Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa CMOS Image Sensor Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa CMOS Image Sensor Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa CMOS Image Sensor Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa CMOS Image Sensor Revenue and Revenue Share by Application (2013-2018)

## **10 GLOBAL CMOS IMAGE SENSOR MARKET SEGMENT BY TYPE**

10.1 Global CMOS Image Sensor Sales, Revenue and Market Share by Type

(2013-2018)

- 10.1.1 Global CMOS Image Sensor Sales and Market Share by Type (2013-2018)
- 10.1.2 Global CMOS Image Sensor Revenue and Market Share by Type (2013-2018)
- 10.2 Front-illuminated (FI) CMOS Sales Growth and Price
  - 10.2.1 Global Front-illuminated (FI) CMOS Sales Growth (2013-2018)
  - 10.2.2 Global Front-illuminated (FI) CMOS Price (2013-2018)
- 10.3 Backside-illuminated (BSI) CMOS sensor Sales Growth and Price
  - 10.3.1 Global Backside-illuminated (BSI) CMOS sensor Sales Growth (2013-2018)
  - 10.3.2 Global Backside-illuminated (BSI) CMOS sensor Price (2013-2018)

## **11 GLOBAL CMOS IMAGE SENSOR MARKET SEGMENT BY APPLICATION**

- 11.1 Global CMOS Image Sensor Sales Market Share by Application (2013-2018)
- 11.2 Industrial/Space/Defence Sales Growth (2013-2018)
- 11.3 Security Sales Growth (2013-2018)
- 11.4 Medical Sales Growth (2013-2018)
- 11.5 Automotive Sales Growth (2013-2018)
- 11.6 Computing Sales Growth (2013-2018)
- 11.7 Consumer Sales Growth (2013-2018)
- 11.8 Mobile Sales Growth (2013-2018)

## **12 CMOS IMAGE SENSOR MARKET FORECAST (2018-2023)**

- 12.1 Global CMOS Image Sensor Sales, Revenue and Growth Rate (2018-2023)
- 12.2 CMOS Image Sensor Market Forecast by Regions (2018-2023)
  - 12.2.1 North America CMOS Image Sensor Market Forecast (2018-2023)
  - 12.2.2 Europe CMOS Image Sensor Market Forecast (2018-2023)
  - 12.2.3 Asia-Pacific CMOS Image Sensor Market Forecast (2018-2023)
  - 12.2.4 South America CMOS Image Sensor Market Forecast (2018-2023)
  - 12.2.5 Middle East and Africa CMOS Image Sensor Market Forecast (2018-2023)
- 12.3 CMOS Image Sensor Market Forecast by Type (2018-2023)
  - 12.3.1 Global CMOS Image Sensor Sales Forecast by Type (2018-2023)
  - 12.3.2 Global CMOS Image Sensor Market Share Forecast by Type (2018-2023)
- 12.4 CMOS Image Sensor Market Forecast by Application (2018-2023)
  - 12.4.1 Global CMOS Image Sensor Sales Forecast by Application (2018-2023)
  - 12.4.2 Global CMOS Image Sensor Market Share Forecast by Application (2018-2023)

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

## 13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

15.1 Methodology

15.2 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure CMOS Image Sensor Picture

Table Product Specifications of CMOS Image Sensor

Figure Global CMOS Image Sensor CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global CMOS Image Sensor CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of CMOS Image Sensor by Types in 2017

Figure Front-illuminated (FI) CMOS Picture

Table Major Manufacturers of Front-illuminated (FI) CMOS

Figure Backside-illuminated (BSI) CMOS sensor Picture

Table Major Manufacturers of Backside-illuminated (BSI) CMOS sensor

Figure CMOS Image Sensor Sales Market Share by Applications in 2017

Figure Industrial/Space/Defence Picture

Figure Security Picture

Figure Medical Picture

Figure Automotive Picture

Figure Computing Picture

Figure Consumer Picture

Figure Mobile Picture

Figure United States CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Canada CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Germany CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure France CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure UK CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Russia CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Italy CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure China CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Japan CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Korea CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure India CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria CMOS Image Sensor Revenue (Value) and Growth Rate (2013-2023)

Table Sony Headquarter, Established, Main Business and Finance Overview (2017)

Table Sony CMOS Image Sensor Production Bases, Sales Regions and Major Competitors

Table Sony CMOS Image Sensor Product

Table Sony CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Sony CMOS Image Sensor Sales Market Share in 2017

Figure Global Sony CMOS Image Sensor Revenue Market Share in 2017

Table Samsung Headquarter, Established, Main Business and Finance Overview (2017)

Table Samsung CMOS Image Sensor Production Bases, Sales Regions and Major Competitors

Table Samsung CMOS Image Sensor Product

Table Samsung CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Samsung CMOS Image Sensor Sales Market Share in 2017

Figure Global Samsung CMOS Image Sensor Revenue Market Share in 2017

Table OmniVision Headquarter, Established, Main Business and Finance Overview (2017)

Table OmniVision CMOS Image Sensor Production Bases, Sales Regions and Major Competitors

Table OmniVision CMOS Image Sensor Product

Table OmniVision CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global OmniVision CMOS Image Sensor Sales Market Share in 2017

Figure Global OmniVision CMOS Image Sensor Revenue Market Share in 2017

Table Canon Headquarter, Established, Main Business and Finance Overview (2017)

Table Canon CMOS Image Sensor Production Bases, Sales Regions and Major Competitors

Table Canon CMOS Image Sensor Product

Table Canon CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Canon CMOS Image Sensor Sales Market Share in 2017

Figure Global Canon CMOS Image Sensor Revenue Market Share in 2017  
Table On Semi (Aptina) Headquarter, Established, Main Business and Finance Overview (2017)  
Table On Semi (Aptina) CMOS Image Sensor Production Bases, Sales Regions and Major Competitors  
Table On Semi (Aptina) CMOS Image Sensor Product  
Table On Semi (Aptina) CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Figure Global On Semi (Aptina) CMOS Image Sensor Sales Market Share in 2017  
Figure Global On Semi (Aptina) CMOS Image Sensor Revenue Market Share in 2017  
Table Toshiba Headquarter, Established, Main Business and Finance Overview (2017)  
Table Toshiba CMOS Image Sensor Production Bases, Sales Regions and Major Competitors  
Table Toshiba CMOS Image Sensor Product  
Table Toshiba CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Figure Global Toshiba CMOS Image Sensor Sales Market Share in 2017  
Figure Global Toshiba CMOS Image Sensor Revenue Market Share in 2017  
Table ST Headquarter, Established, Main Business and Finance Overview (2017)  
Table ST CMOS Image Sensor Production Bases, Sales Regions and Major Competitors  
Table ST CMOS Image Sensor Product  
Table ST CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Figure Global ST CMOS Image Sensor Sales Market Share in 2017  
Figure Global ST CMOS Image Sensor Revenue Market Share in 2017  
Table Nikon Headquarter, Established, Main Business and Finance Overview (2017)  
Table Nikon CMOS Image Sensor Production Bases, Sales Regions and Major Competitors  
Table Nikon CMOS Image Sensor Product  
Table Nikon CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)  
Figure Global Nikon CMOS Image Sensor Sales Market Share in 2017  
Figure Global Nikon CMOS Image Sensor Revenue Market Share in 2017  
Table PixelPlus Headquarter, Established, Main Business and Finance Overview (2017)  
Table PixelPlus CMOS Image Sensor Production Bases, Sales Regions and Major Competitors  
Table PixelPlus CMOS Image Sensor Product  
Table PixelPlus CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market

Share (2016-2017)

Figure Global PixelPlus CMOS Image Sensor Sales Market Share in 2017

Figure Global PixelPlus CMOS Image Sensor Revenue Market Share in 2017

Table Pixart Headquarter, Established, Main Business and Finance Overview (2017)

Table Pixart CMOS Image Sensor Production Bases, Sales Regions and Major Competitors

Table Pixart CMOS Image Sensor Product

Table Pixart CMOS Image Sensor Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Pixart CMOS Image Sensor Sales Market Share in 2017

Figure Global Pixart CMOS Image Sensor Revenue Market Share in 2017

Table SiliconFile

Table SiliconFile CMOS Image Sensor

Table GalaxyCore

Table GalaxyCore CMOS Image Sensor

Table Global CMOS Image Sensor Sales by Manufacturer (2016-2017)

Figure Global CMOS Image Sensor Sales Market Share by Manufacturer in 2016

Figure Global CMOS Image Sensor Sales Market Share by Manufacturer in 2017

Table Global CMOS Image Sensor Revenue by Manufacturer (2016-2017)

Figure Global CMOS Image Sensor Revenue Market Share by Manufacturer in 2016

Figure Global CMOS Image Sensor Revenue Market Share by Manufacturer in 2017

Table Global CMOS Image Sensor Price by Manufacturer (2016-2017)

Figure Top 3 CMOS Image Sensor Manufacturer (Revenue) Market Share in 2017

Figure Top 6 CMOS Image Sensor Manufacturer (Revenue) Market Share in 2017

Figure Global CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Global CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Table Global CMOS Image Sensor Sales by Regions (2013-2018)

Table Global CMOS Image Sensor Sales Market Share by Regions (2013-2018)

Table Global CMOS Image Sensor Revenue by Regions (2013-2018)

Figure Global CMOS Image Sensor Revenue Market Share by Regions in 2013

Figure Global CMOS Image Sensor Revenue Market Share by Regions in 2017

Figure North America CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure North America CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Figure Europe CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Europe CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Asia-Pacific CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Figure South America CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure South America CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Middle East and Africa CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Figure North America CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Table North America CMOS Image Sensor Sales by Countries (2013-2018)

Table North America CMOS Image Sensor Sales Market Share by Countries (2013-2018)

Figure North America CMOS Image Sensor Sales Market Share by Countries in 2013

Figure North America CMOS Image Sensor Sales Market Share by Countries in 2017

Table North America CMOS Image Sensor Revenue by Countries (2013-2018)

Table North America CMOS Image Sensor Revenue Market Share by Countries (2013-2018)

Figure North America CMOS Image Sensor Revenue Market Share by Countries in 2013

Figure North America CMOS Image Sensor Revenue Market Share by Countries in 2017

Figure United States CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Canada CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Mexico CMOS Image Sensor Sales and Growth Rate (2013-2018)

Table North America CMOS Image Sensor Sales by Manufacturer (2016-2017)

Figure North America CMOS Image Sensor Sales Market Share by Manufacturer in 2016

Figure North America CMOS Image Sensor Sales Market Share by Manufacturer in 2017

Table North America CMOS Image Sensor Revenue by Manufacturer (2016-2017)

Figure North America CMOS Image Sensor Revenue Market Share by Manufacturer in 2016

Figure North America CMOS Image Sensor Revenue Market Share by Manufacturer in 2017

Table North America CMOS Image Sensor Sales by Type (2013-2018)

Table North America CMOS Image Sensor Sales Share by Type (2013-2018)

Table North America CMOS Image Sensor Revenue by Type (2013-2018)

Table North America CMOS Image Sensor Revenue Share by Type (2013-2018)

Table North America CMOS Image Sensor Sales by Application (2013-2018)

Table North America CMOS Image Sensor Sales Share by Application (2013-2018)

Table North America CMOS Image Sensor Revenue by Application (2013-2018)

Table North America CMOS Image Sensor Revenue Share by Application (2013-2018)

Figure Europe CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Table Europe CMOS Image Sensor Sales by Countries (2013-2018)  
Table Europe CMOS Image Sensor Sales Market Share by Countries (2013-2018)  
Table Europe CMOS Image Sensor Revenue by Countries (2013-2018)  
Figure Europe CMOS Image Sensor Revenue Market Share by Countries in 2016  
Figure Europe CMOS Image Sensor Revenue Market Share by Countries in 2017  
Figure Germany CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure UK CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure France CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure Russia CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure Italy CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Table Europe CMOS Image Sensor Sales by Manufacturer (2016-2017)  
Figure Europe CMOS Image Sensor Sales Market Share by Manufacturer in 2016  
Figure Europe CMOS Image Sensor Sales Market Share by Manufacturer in 2017  
Table Europe CMOS Image Sensor Revenue by Manufacturer (2016-2017)  
Figure Europe CMOS Image Sensor Revenue Market Share by Manufacturer in 2016  
Figure Europe CMOS Image Sensor Revenue Market Share by Manufacturer in 2017  
Table Europe CMOS Image Sensor Sales by Type (2013-2018)  
Table Europe CMOS Image Sensor Sales Share by Type (2013-2018)  
Table Europe CMOS Image Sensor Revenue by Type (2013-2018)  
Table Europe CMOS Image Sensor Revenue Share by Type (2013-2018)  
Table Europe CMOS Image Sensor Sales by Application (2013-2018)  
Table Europe CMOS Image Sensor Sales Share by Application (2013-2018)  
Table Europe CMOS Image Sensor Revenue by Application (2013-2018)  
Table Europe CMOS Image Sensor Revenue Share by Application (2013-2018)  
Figure Asia-Pacific CMOS Image Sensor Revenue and Growth Rate (2013-2018)  
Table Asia-Pacific CMOS Image Sensor Sales by Countries (2013-2018)  
Table Asia-Pacific CMOS Image Sensor Sales Market Share by Countries (2013-2018)  
Figure Asia-Pacific CMOS Image Sensor Sales Market Share by Countries 2017  
Table Asia-Pacific CMOS Image Sensor Revenue by Countries (2013-2018)  
Figure Asia-Pacific CMOS Image Sensor Revenue Market Share by Countries 2017  
Figure China CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure Japan CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure Korea CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure India CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure Southeast Asia CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Table Asia-Pacific CMOS Image Sensor Sales by Manufacturer (2016-2017)  
Figure Asia-Pacific CMOS Image Sensor Sales Market Share by Manufacturer in 2016  
Figure Asia-Pacific CMOS Image Sensor Sales Market Share by Manufacturer in 2017  
Table Asia-Pacific CMOS Image Sensor Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific CMOS Image Sensor Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific CMOS Image Sensor Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific CMOS Image Sensor Sales by Type (2013-2018)

Table Asia-Pacific CMOS Image Sensor Sales Share by Type (2013-2018)

Table Asia-Pacific CMOS Image Sensor Revenue by Type (2013-2018)

Table Asia-Pacific CMOS Image Sensor Revenue Share by Type (2013-2018)

Table Asia-Pacific CMOS Image Sensor Sales by Application (2013-2018)

Table Asia-Pacific CMOS Image Sensor Sales Share by Application (2013-2018)

Table Asia-Pacific CMOS Image Sensor Revenue by Application (2013-2018)

Table Asia-Pacific CMOS Image Sensor Revenue Share by Application (2013-2018)

Figure South America CMOS Image Sensor Revenue and Growth Rate (2013-2018)

Table South America CMOS Image Sensor Sales by Countries (2013-2018)

Table South America CMOS Image Sensor Sales Market Share by Countries (2013-2018)

Figure South America CMOS Image Sensor Sales Market Share by Countries in 2017

Table South America CMOS Image Sensor Revenue by Countries (2013-2018)

Table South America CMOS Image Sensor Revenue Market Share by Countries (2013-2018)

Figure South America CMOS Image Sensor Revenue Market Share by Countries in 2017

Figure Brazil CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Argentina CMOS Image Sensor Sales and Growth Rate (2013-2018)

Figure Colombia CMOS Image Sensor Sales and Growth Rate (2013-2018)

Table South America CMOS Image Sensor Sales by Manufacturer (2016-2017)

Figure South America CMOS Image Sensor Sales Market Share by Manufacturer in 2016

Figure South America CMOS Image Sensor Sales Market Share by Manufacturer in 2017

Table South America CMOS Image Sensor Revenue by Manufacturer (2016-2017)

Figure South America CMOS Image Sensor Revenue Market Share by Manufacturer in 2016

Figure South America CMOS Image Sensor Revenue Market Share by Manufacturer in 2017

Table South America CMOS Image Sensor Sales by Type (2013-2018)

Table South America CMOS Image Sensor Sales Share by Type (2013-2018)

Table South America CMOS Image Sensor Revenue by Type (2013-2018)

Table South America CMOS Image Sensor Revenue Share by Type (2013-2018)

Table South America CMOS Image Sensor Sales by Application (2013-2018)  
Table South America CMOS Image Sensor Sales Share by Application (2013-2018)  
Table South America CMOS Image Sensor Revenue by Application (2013-2018)  
Table South America CMOS Image Sensor Revenue Share by Application (2013-2018)  
Figure Middle East and Africa CMOS Image Sensor Revenue and Growth Rate (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Sales by Countries (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Sales Market Share by Countries (2013-2018)  
Figure Middle East and Africa CMOS Image Sensor Sales Market Share by Countries in 2017  
Table Middle East and Africa CMOS Image Sensor Revenue by Countries (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Revenue Market Share by Countries (2013-2018)  
Figure Middle East and Africa CMOS Image Sensor Revenue Market Share by Countries in 2013  
Figure Middle East and Africa CMOS Image Sensor Revenue Market Share by Countries in 2017  
Figure Saudi Arabia CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure UAE CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure Egypt CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure Nigeria CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Figure South Africa CMOS Image Sensor Sales and Growth Rate (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Sales by Manufacturer (2016-2017)  
Figure Middle East and Africa CMOS Image Sensor Sales Market Share by Manufacturer in 2016  
Figure Middle East and Africa CMOS Image Sensor Sales Market Share by Manufacturer in 2017  
Table Middle East and Africa CMOS Image Sensor Revenue by Manufacturer (2016-2017)  
Figure Middle East and Africa CMOS Image Sensor Revenue Market Share by Manufacturer in 2016  
Figure Middle East and Africa CMOS Image Sensor Revenue Market Share by Manufacturer in 2017  
Table Middle East and Africa CMOS Image Sensor Sales by Type (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Sales Share by Type (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Revenue by Type (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Revenue Share by Type (2013-2018)

Table Middle East and Africa CMOS Image Sensor Sales by Application (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Sales Share by Application (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Revenue by Application (2013-2018)  
Table Middle East and Africa CMOS Image Sensor Revenue Share by Application (2013-2018)  
Table Global CMOS Image Sensor Sales by Type (2013-2018)  
Table Global CMOS Image Sensor Sales Share by Type (2013-2018)  
Table Global CMOS Image Sensor Revenue by Type (2013-2018)  
Table Global CMOS Image Sensor Revenue Share by Type (2013-2018)  
Figure Global Front-illuminated (FI) CMOS Sales Growth (2013-2018)  
Figure Global Front-illuminated (FI) CMOS Price (2013-2018)  
Figure Global Backside-illuminated (BSI) CMOS sensor Sales Growth (2013-2018)  
Figure Global Backside-illuminated (BSI) CMOS sensor Price (2013-2018)  
Table Global CMOS Image Sensor Sales by Application (2013-2018)  
Table Global CMOS Image Sensor Sales Share by Application (2013-2018)  
Figure Global Industrial/Space/Defence Sales Growth (2013-2018)  
Figure Global Security Sales Growth (2013-2018)  
Figure Global Medical Sales Growth (2013-2018)  
Figure Global Automotive Sales Growth (2013-2018)  
Figure Global Computing Sales Growth (2013-2018)  
Figure Global Consumer Sales Growth (2013-2018)  
Figure Global Mobile Sales Growth (2013-2018)  
Figure Global CMOS Image Sensor Sales, Revenue and Growth Rate (2018-2023)  
Table Global CMOS Image Sensor Sales Forecast by Regions (2018-2023)  
Table Global CMOS Image Sensor Market Share Forecast by Regions (2018-2023)  
Figure North America Sales CMOS Image Sensor Market Forecast (2018-2023)  
Figure Europe Sales CMOS Image Sensor Market Forecast (2018-2023)  
Figure Asia-Pacific Sales CMOS Image Sensor Market Forecast (2018-2023)  
Figure South America Sales CMOS Image Sensor Market Forecast (2018-2023)  
Figure Middle East and Africa Sales CMOS Image Sensor Market Forecast (2018-2023)  
Table Global CMOS Image Sensor Sales Forecast by Type (2018-2023)  
Table Global CMOS Image Sensor Market Share Forecast by Type (2018-2023)  
Table Global CMOS Image Sensor Sales Forecast by Application (2018-2023)  
Table Global CMOS Image Sensor Market Share Forecast by Application (2018-2023)  
Table Distributors/Traders/ Dealers List

## I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)  
CMOS Image Sensor Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/G9B0D76F90CEN.html>

Price: US\$ 4,880.00 (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/G9B0D76F90CEN.html>