

# Image Signal Processor and Vision Processor Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Image signal processor (ISP) is a device of camera systems, which is used to transform an image into digital form while conducting some operations on them, to get an improved image or to extract some valuable information. A vision processing unit (VPU) is a variety of microprocessors that does the use of machine learning and artificial intelligence technologies to provide high-resolution images in respect of ambient light, i.e., related to immediate surroundings as well as utilizes less power.

This report contains market size and forecasts of Image Signal Processor and Vision Processor in global, including the following market information:

Global Image Signal Processor and Vision Processor Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Image Signal Processor and Vision Processor Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Image Signal Processor and Vision Processor companies in 2021 (%)

The global Image Signal Processor and Vision Processor market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Image Signal Processor Segment to Reach \$ Million by 2028, with a % CAGR in next

six years.

The global key manufacturers of Image Signal Processor and Vision Processor include STMicroelectronics, Texas Instruments, Sigma Corporation, ON Semiconductor, Fujitsu, Toshiba Corporation, Samsung Electronics, Analog Devices and Broadcom, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Image Signal Processor and Vision Processor manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Image Signal Processor and Vision Processor Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Image Signal Processor and Vision Processor Market Segment Percentages, by Type, 2021 (%)

Image Signal Processor

Vision Processor

Global Image Signal Processor and Vision Processor Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Image Signal Processor and Vision Processor Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

Security and Surveillance

Automotive

Aerospace and Defense

Healthcare

Others

Global Image Signal Processor and Vision Processor Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Image Signal Processor and Vision Processor Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Image Signal Processor and Vision Processor revenues in global

market, 2017-2022 (Estimated), (\$ millions)

Key companies Image Signal Processor and Vision Processor revenues share in global market, 2021 (%)

Key companies Image Signal Processor and Vision Processor sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Image Signal Processor and Vision Processor sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

STMicroelectronics

Texas Instruments

Sigma Corporation

ON Semiconductor

Fujitsu

Toshiba Corporation

Samsung Electronics

Analog Devices

Broadcom

NXP Semiconductors

Google

Qualcomm

Xilinx

Cadence Design Systems

HiSilicon Technologies

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