

# Global Discrete Semiconductors Market Growth 2024-2030

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## Abstracts

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A discrete semiconductor is one that has a single semiconductor device like a diode or transistor. It is the opposite of an integrated circuit semiconductor which has many devices on a single piece of semiconductor. The following are various discrete transistors.

The global Discrete Semiconductors market size is projected to grow from US\$ 24990 million in 2023 to US\$ 33290 million in 2030; it is expected to grow at a CAGR of 4.2% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Discrete Semiconductors Industry Forecast" looks at past sales and reviews total world Discrete Semiconductors sales in 2023, providing a comprehensive analysis by region and market sector of projected Discrete Semiconductors sales for 2024 through 2030. With Discrete Semiconductors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Discrete Semiconductors industry.

This Insight Report provides a comprehensive analysis of the global Discrete Semiconductors 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 Discrete Semiconductors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Discrete Semiconductors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Discrete Semiconductors 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 Discrete Semiconductors.

The global market for semiconductor was estimated at US\$ 579 billion in the year 2022, is projected to US\$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.64% year over year. The microprocessor (MPU) and microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They drive the growing demand for discrete power devices.

This report presents a comprehensive overview, market shares, and growth opportunities of Discrete Semiconductors market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by type

Diodes

MOSFETs

IGBTs

Others

## Segmentation by application

Automotive

Consumer Electronic

Medical

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

Infineon Technologies

ON Semiconductor

Mitsubishi Electric

Cree

Microchip

NXP

ROHM Semiconductor

Fuji Electric

Vishay

Toshiba

SEMIKRON

IXYS Corporation

Starpower Semiconductor

GeneSic Semiconductor

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Discrete Semiconductors market?

What factors are driving Discrete Semiconductors market growth, globally and by region?

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

How do Discrete Semiconductors market opportunities vary by end market size?

How does Discrete Semiconductors break out type, application?

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