

# Semiconductor Discrete Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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## Abstracts

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### Semiconductor Discrete Market Trends and Forecast

The future of the global semiconductor discrete market looks promising with opportunities in the automotive, consumer electronics, communication, and industrial applications. The global semiconductor discrete market is expected to reach an estimated \$33.3 billion by 2028 with a CAGR of 4.5% from 2023 to 2028. The major drivers for this market are increasing demand for high energy and power-efficient devices along with growing trend of adoption of AI-based semiconductors globally.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Semiconductor Discrete Market by Segment

The study includes a forecast for the global semiconductor discrete market by semiconductor discrete market by type, application, and region, as follows:

Semiconductor Discrete Market by Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Diodes

Transistors

## Thyristors

### Modules

Semiconductor Discrete Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Automotive

Consumer Electronics

Communication

Industrial

Others

Semiconductor Discrete Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

### List of Semiconductor Discrete Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies semiconductor discrete companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the semiconductor

discrete companies profiled in this report includes.

NXP Semiconductors

Infineon Technologies

STMicroelectronics

Taiwan Semiconductor

Renesas Electronics

ABB

ROHM Co.

Toshiba Corporation

On Semiconductor

Nexperia

## Semiconductor Discrete Market Insights

Lucintel forecast that transistors will remain the largest type segment over the forecast period due to increasing usage of bipolar transistors, IGBTs, and MOSFET in various industries, such as automotive, consumer electronics, and others.

Within this market, consumer electronics is projected to record the highest growth from 2023 to 2028 due to growing demand for smartphones, increasing adoption of wearable and smart devices, and rising penetration of consumer IoT devices in applications, like smart homes.

APAC is expected to witness the highest growth during the forecast period due to growing demand for electric vehicles and increasing inclination of consumers towards wireless and portable electronic devices across the region. .

## Features of the Semiconductor Discrete Market

**Market Size Estimates:** Semiconductor discrete market size estimation in terms of value (\$B)

**Trend And Forecast Analysis:** Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Semiconductor discrete market size by various segments, such as by type, application, and region

**Regional Analysis:** Semiconductor discrete market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different by type, application, and regions for the semiconductor discrete market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the semiconductor discrete market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

Q1. What is the semiconductor discrete market size?

Answer: The global semiconductor discrete market is expected to reach an estimated \$33.3 billion by 2028.

Q2. What is the growth forecast for semiconductor discrete market?

Answer: The global semiconductor discrete market is expected to grow with a CAGR of 4.5% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the semiconductor discrete market?

Answer: The major drivers for this market are increasing demand for high energy and power-efficient devices along with growing trend of adoption of AI-based semiconductors globally.

Q4. What are the major segments for semiconductor discrete market?

Answer: The future of the semiconductor discrete market looks promising with opportunities in the automotive, consumer electronics, communication, and industrial applications.

Q5. Who are the key semiconductor discrete companies?

Answer: Some of the key semiconductor discrete companies are as follows:

NXP Semiconductors

Infineon Technologies

STMicroelectronics

Taiwan Semiconductor

Renesas Electronics

ABB

ROHM Co.

Toshiba Corporation

On Semiconductor

Nexperia

Q6. Which semiconductor discrete segment will be the largest in future?

Answer: Lucintel forecast that transistors will remain the largest type segment over the forecast period due to increasing usage of bipolar transistors, IGBTs, and MOSFET in

various industries, such as automotive, consumer electronics, and others.

Q7. In semiconductor discrete market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness the highest growth during the forecast period due to growing demand for electric vehicles and increasing inclination of consumers towards wireless and portable electronic devices across the region.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the semiconductor discrete market by type (diodes, transistors, thyristors, and modules), application (automotive, consumer electronics, communication, industrial, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to semiconductor discrete market or related to semiconductor discrete companies, semiconductor discrete market size, semiconductor discrete market share, semiconductor discrete analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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