

Global Discrete Power Device Market Size, Manufacturers, Opportunities and Forecast to 2030

<https://marketpublishers.com/r/GEE68AAF830FEN.html>

Date: April 2024

Pages: 106

Price: US\$ 3,450.00 (Single User License)

ID: GEE68AAF830FEN

Abstracts

A discrete power device (or discrete component) is an electronic component with just one circuit element, either passive (resistor, capacitor, inductor, diode) or active (transistor or vacuum tube), other than an integrated circuit. It is an electronic component widely used in automotive & transportation, industrial, consumer, communication and among others. In this report, the transistor, diodes and thyristors are counted.

According to APO Research, The global Discrete Power Device market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Discrete Power Device key players include Infineon Technologies, ON Semiconductor, Toshiba, Mitsubishi Electric Corp, etc. Global top four manufacturers hold a share over 35%.

Asia-Pacific is the largest market, with a share over 60%, followed by Europe, and North America, both have a share about 30 percent.

In terms of product, Transistor is the largest segment, with a share about 65%. And in terms of application, the largest application is Automotive and Transportation, followed by Consumer, Industrial, Communication, etc.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Discrete Power Device, with both quantitative and qualitative analysis, to help readers

develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Discrete Power Device.

The Discrete Power Device market size, estimations, and forecasts are provided in terms of sales volume (M Pcs) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Discrete Power Device market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Infineon Technologies

ON Semiconductor

Mitsubishi Electric Corp

Toshiba

STMicroelectronics

Vishay Intertechnology

Fuji Electric

Renesas Electronics

ROHM Semiconductor

Nexperia

Microchip Technology

IXYS Corporation

Discrete Power Device segment by Type

Transistor

Diodes

Thyristors

Discrete Power Device segment by Application

Automotive and Transportation

Industrial

Consumer

Communication

Others

Discrete Power Device Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Discrete Power Device market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Discrete Power Device and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Discrete Power Device.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Discrete Power Device manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Discrete Power Device in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Discrete Power Device Market Size Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Discrete Power Device Sales Estimates and Forecasts (2019-2030)
- 1.3 Discrete Power Device Market by Type
 - 1.3.1 Transistor
 - 1.3.2 Diodes
 - 1.3.3 Thyristors
- 1.4 Global Discrete Power Device Market Size by Type
 - 1.4.1 Global Discrete Power Device Market Size Overview by Type (2019-2030)
 - 1.4.2 Global Discrete Power Device Historic Market Size Review by Type (2019-2024)
 - 1.4.3 Global Discrete Power Device Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America Discrete Power Device Sales Breakdown by Type (2019-2024)
 - 1.5.2 Europe Discrete Power Device Sales Breakdown by Type (2019-2024)
 - 1.5.3 Asia-Pacific Discrete Power Device Sales Breakdown by Type (2019-2024)
 - 1.5.4 Latin America Discrete Power Device Sales Breakdown by Type (2019-2024)
 - 1.5.5 Middle East and Africa Discrete Power Device Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

- 2.1 Discrete Power Device Industry Trends
- 2.2 Discrete Power Device Industry Drivers
- 2.3 Discrete Power Device Industry Opportunities and Challenges
- 2.4 Discrete Power Device Industry Restraints

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Discrete Power Device Revenue (2019-2024)
- 3.2 Global Top Players by Discrete Power Device Sales (2019-2024)
- 3.3 Global Top Players by Discrete Power Device Price (2019-2024)
- 3.4 Global Discrete Power Device Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Discrete Power Device Key Company Manufacturing Sites & Headquarters
- 3.6 Global Discrete Power Device Company, Product Type & Application

3.7 Global Discrete Power Device Company Commercialization Time

3.8 Market Competitive Analysis

3.8.1 Global Discrete Power Device Market CR5 and HHI

3.8.2 Global Top 5 and 10 Discrete Power Device Players Market Share by Revenue in 2023

3.8.3 2023 Discrete Power Device Tier 1, Tier 2, and Tier

4 DISCRETE POWER DEVICE REGIONAL STATUS AND OUTLOOK

4.1 Global Discrete Power Device Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global Discrete Power Device Historic Market Size by Region

4.2.1 Global Discrete Power Device Sales in Volume by Region (2019-2024)

4.2.2 Global Discrete Power Device Sales in Value by Region (2019-2024)

4.2.3 Global Discrete Power Device Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global Discrete Power Device Forecasted Market Size by Region

4.3.1 Global Discrete Power Device Sales in Volume by Region (2025-2030)

4.3.2 Global Discrete Power Device Sales in Value by Region (2025-2030)

4.3.3 Global Discrete Power Device Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 DISCRETE POWER DEVICE BY APPLICATION

5.1 Discrete Power Device Market by Application

5.1.1 Automotive and Transportation

5.1.2 Industrial

5.1.3 Consumer

5.1.4 Communication

5.1.5 Others

5.2 Global Discrete Power Device Market Size by Application

5.2.1 Global Discrete Power Device Market Size Overview by Application (2019-2030)

5.2.2 Global Discrete Power Device Historic Market Size Review by Application (2019-2024)

5.2.3 Global Discrete Power Device Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Discrete Power Device Sales Breakdown by Application (2019-2024)

- 5.3.2 Europe Discrete Power Device Sales Breakdown by Application (2019-2024)
- 5.3.3 Asia-Pacific Discrete Power Device Sales Breakdown by Application (2019-2024)
- 5.3.4 Latin America Discrete Power Device Sales Breakdown by Application (2019-2024)
- 5.3.5 Middle East and Africa Discrete Power Device Sales Breakdown by Application (2019-2024)

6 COMPANY PROFILES

6.1 Infineon Technologies

- 6.1.1 Infineon Technologies Company Information
- 6.1.2 Infineon Technologies Business Overview
- 6.1.3 Infineon Technologies Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)
- 6.1.4 Infineon Technologies Discrete Power Device Product Portfolio
- 6.1.5 Infineon Technologies Recent Developments

6.2 ON Semiconductor

- 6.2.1 ON Semiconductor Company Information
- 6.2.2 ON Semiconductor Business Overview
- 6.2.3 ON Semiconductor Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)
- 6.2.4 ON Semiconductor Discrete Power Device Product Portfolio
- 6.2.5 ON Semiconductor Recent Developments

6.3 Mitsubishi Electric Corp

- 6.3.1 Mitsubishi Electric Corp Company Information
- 6.3.2 Mitsubishi Electric Corp Business Overview
- 6.3.3 Mitsubishi Electric Corp Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)
- 6.3.4 Mitsubishi Electric Corp Discrete Power Device Product Portfolio
- 6.3.5 Mitsubishi Electric Corp Recent Developments

6.4 Toshiba

- 6.4.1 Toshiba Company Information
- 6.4.2 Toshiba Business Overview
- 6.4.3 Toshiba Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)
- 6.4.4 Toshiba Discrete Power Device Product Portfolio
- 6.4.5 Toshiba Recent Developments

6.5 STMicroelectronics

- 6.5.1 STMicroelectronics Company Information
- 6.5.2 STMicroelectronics Business Overview

6.5.3 STMicroelectronics Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.5.4 STMicroelectronics Discrete Power Device Product Portfolio

6.5.5 STMicroelectronics Recent Developments

6.6 Vishay Intertechnology

6.6.1 Vishay Intertechnology Company Information

6.6.2 Vishay Intertechnology Business Overview

6.6.3 Vishay Intertechnology Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.6.4 Vishay Intertechnology Discrete Power Device Product Portfolio

6.6.5 Vishay Intertechnology Recent Developments

6.7 Fuji Electric

6.7.1 Fuji Electric Company Information

6.7.2 Fuji Electric Business Overview

6.7.3 Fuji Electric Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.7.4 Fuji Electric Discrete Power Device Product Portfolio

6.7.5 Fuji Electric Recent Developments

6.8 Renesas Electronics

6.8.1 Renesas Electronics Company Information

6.8.2 Renesas Electronics Business Overview

6.8.3 Renesas Electronics Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.8.4 Renesas Electronics Discrete Power Device Product Portfolio

6.8.5 Renesas Electronics Recent Developments

6.9 ROHM Semiconductor

6.9.1 ROHM Semiconductor Company Information

6.9.2 ROHM Semiconductor Business Overview

6.9.3 ROHM Semiconductor Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.9.4 ROHM Semiconductor Discrete Power Device Product Portfolio

6.9.5 ROHM Semiconductor Recent Developments

6.10 Nexperia

6.10.1 Nexperia Company Information

6.10.2 Nexperia Business Overview

6.10.3 Nexperia Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.10.4 Nexperia Discrete Power Device Product Portfolio

6.10.5 Nexperia Recent Developments

6.11 Microchip Technology

6.11.1 Microchip Technology Company Information

6.11.2 Microchip Technology Business Overview

6.11.3 Microchip Technology Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.11.4 Microchip Technology Discrete Power Device Product Portfolio

6.11.5 Microchip Technology Recent Developments

6.12 IXYS Corporation

6.12.1 IXYS Corporation Company Information

6.12.2 IXYS Corporation Business Overview

6.12.3 IXYS Corporation Discrete Power Device Sales, Revenue and Gross Margin (2019-2024)

6.12.4 IXYS Corporation Discrete Power Device Product Portfolio

6.12.5 IXYS Corporation Recent Developments

7 NORTH AMERICA BY COUNTRY

7.1 North America Discrete Power Device Sales by Country

7.1.1 North America Discrete Power Device Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.1.2 North America Discrete Power Device Sales by Country (2019-2024)

7.1.3 North America Discrete Power Device Sales Forecast by Country (2025-2030)

7.2 North America Discrete Power Device Market Size by Country

7.2.1 North America Discrete Power Device Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America Discrete Power Device Market Size by Country (2019-2024)

7.2.3 North America Discrete Power Device Market Size Forecast by Country (2025-2030)

8 EUROPE BY COUNTRY

8.1 Europe Discrete Power Device Sales by Country

8.1.1 Europe Discrete Power Device Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Discrete Power Device Sales by Country (2019-2024)

8.1.3 Europe Discrete Power Device Sales Forecast by Country (2025-2030)

8.2 Europe Discrete Power Device Market Size by Country

8.2.1 Europe Discrete Power Device Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Discrete Power Device Market Size by Country (2019-2024)

8.2.3 Europe Discrete Power Device Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific Discrete Power Device Sales by Country

9.1.1 Asia-Pacific Discrete Power Device Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Discrete Power Device Sales by Country (2019-2024)

9.1.3 Asia-Pacific Discrete Power Device Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific Discrete Power Device Market Size by Country

9.2.1 Asia-Pacific Discrete Power Device Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Discrete Power Device Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Discrete Power Device Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America Discrete Power Device Sales by Country

10.1.1 Latin America Discrete Power Device Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Discrete Power Device Sales by Country (2019-2024)

10.1.3 Latin America Discrete Power Device Sales Forecast by Country (2025-2030)

10.2 Latin America Discrete Power Device Market Size by Country

10.2.1 Latin America Discrete Power Device Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Discrete Power Device Market Size by Country (2019-2024)

10.2.3 Latin America Discrete Power Device Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa Discrete Power Device Sales by Country

11.1.1 Middle East and Africa Discrete Power Device Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Discrete Power Device Sales by Country (2019-2024)

11.1.3 Middle East and Africa Discrete Power Device Sales Forecast by Country (2025-2030)

- 11.2 Middle East and Africa Discrete Power Device Market Size by Country
 - 11.2.1 Middle East and Africa Discrete Power Device Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 11.2.2 Middle East and Africa Discrete Power Device Market Size by Country (2019-2024)
 - 11.2.3 Middle East and Africa Discrete Power Device Market Size Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 12.1 Discrete Power Device Value Chain Analysis
 - 12.1.1 Discrete Power Device Key Raw Materials
 - 12.1.2 Key Raw Materials Price
 - 12.1.3 Raw Materials Key Suppliers
 - 12.1.4 Manufacturing Cost Structure
 - 12.1.5 Discrete Power Device Production Mode & Process
- 12.2 Discrete Power Device Sales Channels Analysis
 - 12.2.1 Direct Comparison with Distribution Share
 - 12.2.2 Discrete Power Device Distributors
 - 12.2.3 Discrete Power Device Customers

13 CONCLUDING INSIGHTS

14 APPENDIX

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
 - 14.5.1 Secondary Sources
 - 14.5.2 Primary Sources
- 14.6 Disclaimer

I would like to order

Product name: Global Discrete Power Device Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: <https://marketpublishers.com/r/GEE68AAF830FEN.html>

Price: US\$ 3,450.00 (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/GEE68AAF830FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

