

Global Schottky Diodes and Rectifiers Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GC3AA7347C27EN.html>

Date: July 2024

Pages: 134

Price: US\$ 3,200.00 (Single User License)

ID: GC3AA7347C27EN

Abstracts

Report Overview:

Diodes are commonly used in a variety of circuits for rectification and protection. This report studies the Schottky Barrier Diodes (SBDs). A Schottky barrier diode (SBD) is a device in which a semiconductor and a metal such as molybdenum are bonded instead of a pn junction. In general, semiconductors in which metals are bonded to n-type layers have been commercialized. It is suitable for high-speed switching applications, because of small forward voltage and short reverse recovery time.

The Global Schottky Diodes and Rectifiers Market Size was estimated at USD 1065.69 million in 2023 and is projected to reach USD 1302.43 million by 2029, exhibiting a CAGR of 3.40% during the forecast period.

This report provides a deep insight into the global Schottky Diodes and Rectifiers market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Schottky Diodes and Rectifiers Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and

deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Schottky Diodes and Rectifiers market in any manner.

Global Schottky Diodes and Rectifiers Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Nexperia

STMicroelectronics

ON Semiconductor

Vishay

Diodes Incorporated

Infineon Technologies

Taiwan Semiconductor

Micro Commercial Components

Rohm

Littelfuse

Toshiba

Texas Instruments

Microchip Technology

Sanken Electric

Market Segmentation (by Type)

Schottky Diodes

Schottky Rectifiers

Market Segmentation (by Application)

Automotive

Industrial

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Schottky Diodes and Rectifiers Market

Overview of the regional outlook of the Schottky Diodes and Rectifiers Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Schottky Diodes and Rectifiers Market and its likely evolution in the short to mid-term,

and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the 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 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Schottky Diodes and Rectifiers

1.2 Key Market Segments

1.2.1 Schottky Diodes and Rectifiers Segment by Type

1.2.2 Schottky Diodes and Rectifiers Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 SCHOTTKY DIODES AND RECTIFIERS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Schottky Diodes and Rectifiers Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Schottky Diodes and Rectifiers Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 SCHOTTKY DIODES AND RECTIFIERS MARKET COMPETITIVE LANDSCAPE

3.1 Global Schottky Diodes and Rectifiers Sales by Manufacturers (2019-2024)

3.2 Global Schottky Diodes and Rectifiers Revenue Market Share by Manufacturers (2019-2024)

3.3 Schottky Diodes and Rectifiers Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Schottky Diodes and Rectifiers Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Schottky Diodes and Rectifiers Sales Sites, Area Served, Product Type

3.6 Schottky Diodes and Rectifiers Market Competitive Situation and Trends

3.6.1 Schottky Diodes and Rectifiers Market Concentration Rate

3.6.2 Global 5 and 10 Largest Schottky Diodes and Rectifiers Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 SCHOTTKY DIODES AND RECTIFIERS INDUSTRY CHAIN ANALYSIS

4.1 Schottky Diodes and Rectifiers Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SCHOTTKY DIODES AND RECTIFIERS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 SCHOTTKY DIODES AND RECTIFIERS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Schottky Diodes and Rectifiers Sales Market Share by Type (2019-2024)

6.3 Global Schottky Diodes and Rectifiers Market Size Market Share by Type (2019-2024)

6.4 Global Schottky Diodes and Rectifiers Price by Type (2019-2024)

7 SCHOTTKY DIODES AND RECTIFIERS MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Schottky Diodes and Rectifiers Market Sales by Application (2019-2024)

7.3 Global Schottky Diodes and Rectifiers Market Size (M USD) by Application (2019-2024)

7.4 Global Schottky Diodes and Rectifiers Sales Growth Rate by Application

(2019-2024)

8 SCHOTTKY DIODES AND RECTIFIERS MARKET SEGMENTATION BY REGION

8.1 Global Schottky Diodes and Rectifiers Sales by Region

8.1.1 Global Schottky Diodes and Rectifiers Sales by Region

8.1.2 Global Schottky Diodes and Rectifiers Sales Market Share by Region

8.2 North America

8.2.1 North America Schottky Diodes and Rectifiers Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Schottky Diodes and Rectifiers Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Schottky Diodes and Rectifiers Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Schottky Diodes and Rectifiers Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Schottky Diodes and Rectifiers Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 Nexperia

- 9.1.1 Nexperia Schottky Diodes and Rectifiers Basic Information
- 9.1.2 Nexperia Schottky Diodes and Rectifiers Product Overview
- 9.1.3 Nexperia Schottky Diodes and Rectifiers Product Market Performance
- 9.1.4 Nexperia Business Overview
- 9.1.5 Nexperia Schottky Diodes and Rectifiers SWOT Analysis
- 9.1.6 Nexperia Recent Developments

9.2 STMicroelectronics

- 9.2.1 STMicroelectronics Schottky Diodes and Rectifiers Basic Information
- 9.2.2 STMicroelectronics Schottky Diodes and Rectifiers Product Overview
- 9.2.3 STMicroelectronics Schottky Diodes and Rectifiers Product Market Performance
- 9.2.4 STMicroelectronics Business Overview
- 9.2.5 STMicroelectronics Schottky Diodes and Rectifiers SWOT Analysis
- 9.2.6 STMicroelectronics Recent Developments

9.3 ON Semiconductor

- 9.3.1 ON Semiconductor Schottky Diodes and Rectifiers Basic Information
- 9.3.2 ON Semiconductor Schottky Diodes and Rectifiers Product Overview
- 9.3.3 ON Semiconductor Schottky Diodes and Rectifiers Product Market Performance
- 9.3.4 ON Semiconductor Schottky Diodes and Rectifiers SWOT Analysis
- 9.3.5 ON Semiconductor Business Overview
- 9.3.6 ON Semiconductor Recent Developments

9.4 Vishay

- 9.4.1 Vishay Schottky Diodes and Rectifiers Basic Information
- 9.4.2 Vishay Schottky Diodes and Rectifiers Product Overview
- 9.4.3 Vishay Schottky Diodes and Rectifiers Product Market Performance
- 9.4.4 Vishay Business Overview
- 9.4.5 Vishay Recent Developments

9.5 Diodes Incorporated

- 9.5.1 Diodes Incorporated Schottky Diodes and Rectifiers Basic Information
- 9.5.2 Diodes Incorporated Schottky Diodes and Rectifiers Product Overview
- 9.5.3 Diodes Incorporated Schottky Diodes and Rectifiers Product Market

Performance

- 9.5.4 Diodes Incorporated Business Overview
- 9.5.5 Diodes Incorporated Recent Developments

9.6 Infineon Technologies

- 9.6.1 Infineon Technologies Schottky Diodes and Rectifiers Basic Information
- 9.6.2 Infineon Technologies Schottky Diodes and Rectifiers Product Overview

- 9.6.3 Infineon Technologies Schottky Diodes and Rectifiers Product Market Performance
- 9.6.4 Infineon Technologies Business Overview
- 9.6.5 Infineon Technologies Recent Developments
- 9.7 Taiwan Semiconductor
 - 9.7.1 Taiwan Semiconductor Schottky Diodes and Rectifiers Basic Information
 - 9.7.2 Taiwan Semiconductor Schottky Diodes and Rectifiers Product Overview
 - 9.7.3 Taiwan Semiconductor Schottky Diodes and Rectifiers Product Market Performance
 - 9.7.4 Taiwan Semiconductor Business Overview
 - 9.7.5 Taiwan Semiconductor Recent Developments
- 9.8 Micro Commercial Components
 - 9.8.1 Micro Commercial Components Schottky Diodes and Rectifiers Basic Information
 - 9.8.2 Micro Commercial Components Schottky Diodes and Rectifiers Product Overview
 - 9.8.3 Micro Commercial Components Schottky Diodes and Rectifiers Product Market Performance
 - 9.8.4 Micro Commercial Components Business Overview
 - 9.8.5 Micro Commercial Components Recent Developments
- 9.9 Rohm
 - 9.9.1 Rohm Schottky Diodes and Rectifiers Basic Information
 - 9.9.2 Rohm Schottky Diodes and Rectifiers Product Overview
 - 9.9.3 Rohm Schottky Diodes and Rectifiers Product Market Performance
 - 9.9.4 Rohm Business Overview
 - 9.9.5 Rohm Recent Developments
- 9.10 Littelfuse
 - 9.10.1 Littelfuse Schottky Diodes and Rectifiers Basic Information
 - 9.10.2 Littelfuse Schottky Diodes and Rectifiers Product Overview
 - 9.10.3 Littelfuse Schottky Diodes and Rectifiers Product Market Performance
 - 9.10.4 Littelfuse Business Overview
 - 9.10.5 Littelfuse Recent Developments
- 9.11 Toshiba
 - 9.11.1 Toshiba Schottky Diodes and Rectifiers Basic Information
 - 9.11.2 Toshiba Schottky Diodes and Rectifiers Product Overview
 - 9.11.3 Toshiba Schottky Diodes and Rectifiers Product Market Performance
 - 9.11.4 Toshiba Business Overview
 - 9.11.5 Toshiba Recent Developments
- 9.12 Texas Instruments
 - 9.12.1 Texas Instruments Schottky Diodes and Rectifiers Basic Information

- 9.12.2 Texas Instruments Schottky Diodes and Rectifiers Product Overview
- 9.12.3 Texas Instruments Schottky Diodes and Rectifiers Product Market Performance
- 9.12.4 Texas Instruments Business Overview
- 9.12.5 Texas Instruments Recent Developments
- 9.13 Microchip Technology
 - 9.13.1 Microchip Technology Schottky Diodes and Rectifiers Basic Information
 - 9.13.2 Microchip Technology Schottky Diodes and Rectifiers Product Overview
 - 9.13.3 Microchip Technology Schottky Diodes and Rectifiers Product Market Performance
 - 9.13.4 Microchip Technology Business Overview
 - 9.13.5 Microchip Technology Recent Developments
- 9.14 Sanken Electric
 - 9.14.1 Sanken Electric Schottky Diodes and Rectifiers Basic Information
 - 9.14.2 Sanken Electric Schottky Diodes and Rectifiers Product Overview
 - 9.14.3 Sanken Electric Schottky Diodes and Rectifiers Product Market Performance
 - 9.14.4 Sanken Electric Business Overview
 - 9.14.5 Sanken Electric Recent Developments

10 SCHOTTKY DIODES AND RECTIFIERS MARKET FORECAST BY REGION

- 10.1 Global Schottky Diodes and Rectifiers Market Size Forecast
- 10.2 Global Schottky Diodes and Rectifiers Market Forecast by Region
 - 10.2.1 North America Market Size Forecast by Country
 - 10.2.2 Europe Schottky Diodes and Rectifiers Market Size Forecast by Country
 - 10.2.3 Asia Pacific Schottky Diodes and Rectifiers Market Size Forecast by Region
 - 10.2.4 South America Schottky Diodes and Rectifiers Market Size Forecast by Country
 - 10.2.5 Middle East and Africa Forecasted Consumption of Schottky Diodes and Rectifiers by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

- 11.1 Global Schottky Diodes and Rectifiers Market Forecast by Type (2025-2030)
 - 11.1.1 Global Forecasted Sales of Schottky Diodes and Rectifiers by Type (2025-2030)
 - 11.1.2 Global Schottky Diodes and Rectifiers Market Size Forecast by Type (2025-2030)
 - 11.1.3 Global Forecasted Price of Schottky Diodes and Rectifiers by Type (2025-2030)
- 11.2 Global Schottky Diodes and Rectifiers Market Forecast by Application (2025-2030)
 - 11.2.1 Global Schottky Diodes and Rectifiers Sales (K Units) Forecast by Application

11.2.2 Global Schottky Diodes and Rectifiers Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Schottky Diodes and Rectifiers Market Size Comparison by Region (M USD)
- Table 5. Global Schottky Diodes and Rectifiers Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Schottky Diodes and Rectifiers Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Schottky Diodes and Rectifiers Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Schottky Diodes and Rectifiers Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Schottky Diodes and Rectifiers as of 2022)
- Table 10. Global Market Schottky Diodes and Rectifiers Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Schottky Diodes and Rectifiers Sales Sites and Area Served
- Table 12. Manufacturers Schottky Diodes and Rectifiers Product Type
- Table 13. Global Schottky Diodes and Rectifiers Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Schottky Diodes and Rectifiers
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Schottky Diodes and Rectifiers Market Challenges
- Table 22. Global Schottky Diodes and Rectifiers Sales by Type (K Units)
- Table 23. Global Schottky Diodes and Rectifiers Market Size by Type (M USD)
- Table 24. Global Schottky Diodes and Rectifiers Sales (K Units) by Type (2019-2024)
- Table 25. Global Schottky Diodes and Rectifiers Sales Market Share by Type (2019-2024)
- Table 26. Global Schottky Diodes and Rectifiers Market Size (M USD) by Type (2019-2024)

- Table 27. Global Schottky Diodes and Rectifiers Market Size Share by Type (2019-2024)
- Table 28. Global Schottky Diodes and Rectifiers Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Schottky Diodes and Rectifiers Sales (K Units) by Application
- Table 30. Global Schottky Diodes and Rectifiers Market Size by Application
- Table 31. Global Schottky Diodes and Rectifiers Sales by Application (2019-2024) & (K Units)
- Table 32. Global Schottky Diodes and Rectifiers Sales Market Share by Application (2019-2024)
- Table 33. Global Schottky Diodes and Rectifiers Sales by Application (2019-2024) & (M USD)
- Table 34. Global Schottky Diodes and Rectifiers Market Share by Application (2019-2024)
- Table 35. Global Schottky Diodes and Rectifiers Sales Growth Rate by Application (2019-2024)
- Table 36. Global Schottky Diodes and Rectifiers Sales by Region (2019-2024) & (K Units)
- Table 37. Global Schottky Diodes and Rectifiers Sales Market Share by Region (2019-2024)
- Table 38. North America Schottky Diodes and Rectifiers Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Schottky Diodes and Rectifiers Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Schottky Diodes and Rectifiers Sales by Region (2019-2024) & (K Units)
- Table 41. South America Schottky Diodes and Rectifiers Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Schottky Diodes and Rectifiers Sales by Region (2019-2024) & (K Units)
- Table 43. Nexperia Schottky Diodes and Rectifiers Basic Information
- Table 44. Nexperia Schottky Diodes and Rectifiers Product Overview
- Table 45. Nexperia Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Nexperia Business Overview
- Table 47. Nexperia Schottky Diodes and Rectifiers SWOT Analysis
- Table 48. Nexperia Recent Developments
- Table 49. STMicroelectronics Schottky Diodes and Rectifiers Basic Information
- Table 50. STMicroelectronics Schottky Diodes and Rectifiers Product Overview
- Table 51. STMicroelectronics Schottky Diodes and Rectifiers Sales (K Units), Revenue

(M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. STMicroelectronics Business Overview

Table 53. STMicroelectronics Schottky Diodes and Rectifiers SWOT Analysis

Table 54. STMicroelectronics Recent Developments

Table 55. ON Semiconductor Schottky Diodes and Rectifiers Basic Information

Table 56. ON Semiconductor Schottky Diodes and Rectifiers Product Overview

Table 57. ON Semiconductor Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. ON Semiconductor Schottky Diodes and Rectifiers SWOT Analysis

Table 59. ON Semiconductor Business Overview

Table 60. ON Semiconductor Recent Developments

Table 61. Vishay Schottky Diodes and Rectifiers Basic Information

Table 62. Vishay Schottky Diodes and Rectifiers Product Overview

Table 63. Vishay Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Vishay Business Overview

Table 65. Vishay Recent Developments

Table 66. Diodes Incorporated Schottky Diodes and Rectifiers Basic Information

Table 67. Diodes Incorporated Schottky Diodes and Rectifiers Product Overview

Table 68. Diodes Incorporated Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Diodes Incorporated Business Overview

Table 70. Diodes Incorporated Recent Developments

Table 71. Infineon Technologies Schottky Diodes and Rectifiers Basic Information

Table 72. Infineon Technologies Schottky Diodes and Rectifiers Product Overview

Table 73. Infineon Technologies Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Infineon Technologies Business Overview

Table 75. Infineon Technologies Recent Developments

Table 76. Taiwan Semiconductor Schottky Diodes and Rectifiers Basic Information

Table 77. Taiwan Semiconductor Schottky Diodes and Rectifiers Product Overview

Table 78. Taiwan Semiconductor Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Taiwan Semiconductor Business Overview

Table 80. Taiwan Semiconductor Recent Developments

Table 81. Micro Commercial Components Schottky Diodes and Rectifiers Basic Information

Table 82. Micro Commercial Components Schottky Diodes and Rectifiers Product Overview

Table 83. Micro Commercial Components Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. Micro Commercial Components Business Overview

Table 85. Micro Commercial Components Recent Developments

Table 86. Rohm Schottky Diodes and Rectifiers Basic Information

Table 87. Rohm Schottky Diodes and Rectifiers Product Overview

Table 88. Rohm Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. Rohm Business Overview

Table 90. Rohm Recent Developments

Table 91. Littelfuse Schottky Diodes and Rectifiers Basic Information

Table 92. Littelfuse Schottky Diodes and Rectifiers Product Overview

Table 93. Littelfuse Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Littelfuse Business Overview

Table 95. Littelfuse Recent Developments

Table 96. Toshiba Schottky Diodes and Rectifiers Basic Information

Table 97. Toshiba Schottky Diodes and Rectifiers Product Overview

Table 98. Toshiba Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. Toshiba Business Overview

Table 100. Toshiba Recent Developments

Table 101. Texas Instruments Schottky Diodes and Rectifiers Basic Information

Table 102. Texas Instruments Schottky Diodes and Rectifiers Product Overview

Table 103. Texas Instruments Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 104. Texas Instruments Business Overview

Table 105. Texas Instruments Recent Developments

Table 106. Microchip Technology Schottky Diodes and Rectifiers Basic Information

Table 107. Microchip Technology Schottky Diodes and Rectifiers Product Overview

Table 108. Microchip Technology Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 109. Microchip Technology Business Overview

Table 110. Microchip Technology Recent Developments

Table 111. Sanken Electric Schottky Diodes and Rectifiers Basic Information

Table 112. Sanken Electric Schottky Diodes and Rectifiers Product Overview

Table 113. Sanken Electric Schottky Diodes and Rectifiers Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 114. Sanken Electric Business Overview

Table 115. Sanken Electric Recent Developments

Table 116. Global Schottky Diodes and Rectifiers Sales Forecast by Region (2025-2030) & (K Units)

Table 117. Global Schottky Diodes and Rectifiers Market Size Forecast by Region (2025-2030) & (M USD)

Table 118. North America Schottky Diodes and Rectifiers Sales Forecast by Country (2025-2030) & (K Units)

Table 119. North America Schottky Diodes and Rectifiers Market Size Forecast by Country (2025-2030) & (M USD)

Table 120. Europe Schottky Diodes and Rectifiers Sales Forecast by Country (2025-2030) & (K Units)

Table 121. Europe Schottky Diodes and Rectifiers Market Size Forecast by Country (2025-2030) & (M USD)

Table 122. Asia Pacific Schottky Diodes and Rectifiers Sales Forecast by Region (2025-2030) & (K Units)

Table 123. Asia Pacific Schottky Diodes and Rectifiers Market Size Forecast by Region (2025-2030) & (M USD)

Table 124. South America Schottky Diodes and Rectifiers Sales Forecast by Country (2025-2030) & (K Units)

Table 125. South America Schottky Diodes and Rectifiers Market Size Forecast by Country (2025-2030) & (M USD)

Table 126. Middle East and Africa Schottky Diodes and Rectifiers Consumption Forecast by Country (2025-2030) & (Units)

Table 127. Middle East and Africa Schottky Diodes and Rectifiers Market Size Forecast by Country (2025-2030) & (M USD)

Table 128. Global Schottky Diodes and Rectifiers Sales Forecast by Type (2025-2030) & (K Units)

Table 129. Global Schottky Diodes and Rectifiers Market Size Forecast by Type (2025-2030) & (M USD)

Table 130. Global Schottky Diodes and Rectifiers Price Forecast by Type (2025-2030) & (USD/Unit)

Table 131. Global Schottky Diodes and Rectifiers Sales (K Units) Forecast by Application (2025-2030)

Table 132. Global Schottky Diodes and Rectifiers Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Schottky Diodes and Rectifiers
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Schottky Diodes and Rectifiers Market Size (M USD), 2019-2030
- Figure 5. Global Schottky Diodes and Rectifiers Market Size (M USD) (2019-2030)
- Figure 6. Global Schottky Diodes and Rectifiers Sales (K Units) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Schottky Diodes and Rectifiers Market Size by Country (M USD)
- Figure 11. Schottky Diodes and Rectifiers Sales Share by Manufacturers in 2023
- Figure 12. Global Schottky Diodes and Rectifiers Revenue Share by Manufacturers in 2023
- Figure 13. Schottky Diodes and Rectifiers Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Schottky Diodes and Rectifiers Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Schottky Diodes and Rectifiers Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Schottky Diodes and Rectifiers Market Share by Type
- Figure 18. Sales Market Share of Schottky Diodes and Rectifiers by Type (2019-2024)
- Figure 19. Sales Market Share of Schottky Diodes and Rectifiers by Type in 2023
- Figure 20. Market Size Share of Schottky Diodes and Rectifiers by Type (2019-2024)
- Figure 21. Market Size Market Share of Schottky Diodes and Rectifiers by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Schottky Diodes and Rectifiers Market Share by Application
- Figure 24. Global Schottky Diodes and Rectifiers Sales Market Share by Application (2019-2024)
- Figure 25. Global Schottky Diodes and Rectifiers Sales Market Share by Application in 2023
- Figure 26. Global Schottky Diodes and Rectifiers Market Share by Application (2019-2024)
- Figure 27. Global Schottky Diodes and Rectifiers Market Share by Application in 2023
- Figure 28. Global Schottky Diodes and Rectifiers Sales Growth Rate by Application

(2019-2024)

Figure 29. Global Schottky Diodes and Rectifiers Sales Market Share by Region (2019-2024)

Figure 30. North America Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Schottky Diodes and Rectifiers Sales Market Share by Country in 2023

Figure 32. U.S. Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Schottky Diodes and Rectifiers Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Schottky Diodes and Rectifiers Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Schottky Diodes and Rectifiers Sales Market Share by Country in 2023

Figure 37. Germany Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Schottky Diodes and Rectifiers Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Schottky Diodes and Rectifiers Sales Market Share by Region in 2023

Figure 44. China Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Schottky Diodes and Rectifiers Sales and Growth Rate

(2019-2024) & (K Units)

Figure 49. South America Schottky Diodes and Rectifiers Sales and Growth Rate (K Units)

Figure 50. South America Schottky Diodes and Rectifiers Sales Market Share by Country in 2023

Figure 51. Brazil Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Schottky Diodes and Rectifiers Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Schottky Diodes and Rectifiers Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Schottky Diodes and Rectifiers Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Schottky Diodes and Rectifiers Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Schottky Diodes and Rectifiers Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Schottky Diodes and Rectifiers Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Schottky Diodes and Rectifiers Market Share Forecast by Type (2025-2030)

Figure 65. Global Schottky Diodes and Rectifiers Sales Forecast by Application (2025-2030)

Figure 66. Global Schottky Diodes and Rectifiers Market Share Forecast by Application (2025-2030)

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