

Global Automotive Schottky Diode Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G0E2F99E11B9EN.html>

Date: May 2025

Pages: 126

Price: US\$ 3,480.00 (Single User License)

ID: G0E2F99E11B9EN

Abstracts

According to our (Global Info Research) latest study, the global Automotive Schottky Diode market size was valued at US\$ 408 million in 2024 and is forecast to a readjusted size of USD 666 million by 2031 with a CAGR of 7.3% during review period.

According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, reaching 97.3 million vehicles and 95.89 million vehicles respectively. In 2018, the global economic expansion period ended, and the global automobile market as a whole declined. By 2022, there will be 81.6 million cars worldwide. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia accounts for 56% of the world's automobile production, Europe accounts for 20%, and North America accounts for 16%. Among them, China is the world's largest automobile producer, accounting for about 32%.

Automotive Schottky diodes (SBD) are automotive power semiconductor devices. This article mainly counts automotive SBDs. The leading automotive SBD companies are mainly Vishay Intertechnology, Rohm, ON Semiconductor, Infineon, Nexperia, ST Microelectronics, Diodes Incorporated, PANJIT Group, Toshiba, Fuji Electric, Kyocera AVX, Littelfuse (IXYS), and the top 10 companies account for a total of 60 %, the market is relatively concentrated. From the perspective of enterprise distribution, automotive SBDs are mainly produced by leading semiconductor device companies in the United States, Europe and Japan. The market share in three regions exceeds 80%.

This report is a detailed and comprehensive analysis for global Automotive Schottky Diode market. Both quantitative and qualitative analyses are presented by

manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automotive Schottky Diode market size and forecasts, in consumption value (\$ Million), sales quantity (M PCS), and average selling prices (USD/PCS), 2020-2031

Global Automotive Schottky Diode market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M PCS), and average selling prices (USD/PCS), 2020-2031

Global Automotive Schottky Diode market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M PCS), and average selling prices (USD/PCS), 2020-2031

Global Automotive Schottky Diode market shares of main players, shipments in revenue (\$ Million), sales quantity (M PCS), and ASP (USD/PCS), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automotive Schottky Diode

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automotive Schottky Diode market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include STMicroelectronics, Vishay, Diodes Incorporated, Rohm, Infineon Technologies, Sanken Electric, Onsemi, Nexperia, WeEn Semiconductor, Littelfuse (IXYS), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Automotive Schottky Diode market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

LV Schottky Diodes

MV Schottky Diodes

HV Schottky Diodes

Market segment by Application

DC-DC Converter

Automotive ECU

In-Vehicle Inverter

Others

Major players covered

STMicroelectronics

Vishay

Diodes Incorporated

Rohm

Infineon Technologies

Sanken Electric

Onsemi

Nexperia

WeEn Semiconductor

Littelfuse (IXYS)

Jiangsu Changjing Electronics

Yangzhou Yangjie Electronic Technology

Diotec Semiconductor AG

Toshiba

Fuji Electric

Kyocera AVX

Microchip (Microsemi)

Texas Instruments

Bourns, Inc

Shindengen

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automotive Schottky Diode product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Schottky Diode, with price, sales quantity, revenue, and global market share of Automotive Schottky Diode from 2020 to 2025.

Chapter 3, the Automotive Schottky Diode competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive Schottky Diode breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Automotive Schottky Diode market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive Schottky Diode.

Chapter 14 and 15, to describe Automotive Schottky Diode sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Automotive Schottky Diode Consumption Value by Type: 2020 Versus 2024 Versus 2031
 - 1.3.2 LV Schottky Diodes
 - 1.3.3 MV Schottky Diodes
 - 1.3.4 HV Schottky Diodes
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Automotive Schottky Diode Consumption Value by Application: 2020 Versus 2024 Versus 2031
 - 1.4.2 DC-DC Converter
 - 1.4.3 Automotive ECU
 - 1.4.4 In-Vehicle Inverter
 - 1.4.5 Others
- 1.5 Global Automotive Schottky Diode Market Size & Forecast
 - 1.5.1 Global Automotive Schottky Diode Consumption Value (2020 & 2024 & 2031)
 - 1.5.2 Global Automotive Schottky Diode Sales Quantity (2020-2031)
 - 1.5.3 Global Automotive Schottky Diode Average Price (2020-2031)

2 MANUFACTURERS PROFILES

- 2.1 STMicroelectronics
 - 2.1.1 STMicroelectronics Details
 - 2.1.2 STMicroelectronics Major Business
 - 2.1.3 STMicroelectronics Automotive Schottky Diode Product and Services
 - 2.1.4 STMicroelectronics Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.1.5 STMicroelectronics Recent Developments/Updates
- 2.2 Vishay
 - 2.2.1 Vishay Details
 - 2.2.2 Vishay Major Business
 - 2.2.3 Vishay Automotive Schottky Diode Product and Services
 - 2.2.4 Vishay Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.2.5 Vishay Recent Developments/Updates
- 2.3 Diodes Incorporated
 - 2.3.1 Diodes Incorporated Details
 - 2.3.2 Diodes Incorporated Major Business
 - 2.3.3 Diodes Incorporated Automotive Schottky Diode Product and Services
 - 2.3.4 Diodes Incorporated Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Diodes Incorporated Recent Developments/Updates
- 2.4 Rohm
 - 2.4.1 Rohm Details
 - 2.4.2 Rohm Major Business
 - 2.4.3 Rohm Automotive Schottky Diode Product and Services
 - 2.4.4 Rohm Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Rohm Recent Developments/Updates
- 2.5 Infineon Technologies
 - 2.5.1 Infineon Technologies Details
 - 2.5.2 Infineon Technologies Major Business
 - 2.5.3 Infineon Technologies Automotive Schottky Diode Product and Services
 - 2.5.4 Infineon Technologies Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Infineon Technologies Recent Developments/Updates
- 2.6 Sanken Electric
 - 2.6.1 Sanken Electric Details
 - 2.6.2 Sanken Electric Major Business
 - 2.6.3 Sanken Electric Automotive Schottky Diode Product and Services
 - 2.6.4 Sanken Electric Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Sanken Electric Recent Developments/Updates
- 2.7 Onsemi
 - 2.7.1 Onsemi Details
 - 2.7.2 Onsemi Major Business
 - 2.7.3 Onsemi Automotive Schottky Diode Product and Services
 - 2.7.4 Onsemi Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 Onsemi Recent Developments/Updates
- 2.8 Nexperia
 - 2.8.1 Nexperia Details
 - 2.8.2 Nexperia Major Business

- 2.8.3 Nexperia Automotive Schottky Diode Product and Services
- 2.8.4 Nexperia Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Nexperia Recent Developments/Updates
- 2.9 WeEn Semiconductor
 - 2.9.1 WeEn Semiconductor Details
 - 2.9.2 WeEn Semiconductor Major Business
 - 2.9.3 WeEn Semiconductor Automotive Schottky Diode Product and Services
 - 2.9.4 WeEn Semiconductor Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 WeEn Semiconductor Recent Developments/Updates
- 2.10 Littelfuse (IXYS)
 - 2.10.1 Littelfuse (IXYS) Details
 - 2.10.2 Littelfuse (IXYS) Major Business
 - 2.10.3 Littelfuse (IXYS) Automotive Schottky Diode Product and Services
 - 2.10.4 Littelfuse (IXYS) Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Littelfuse (IXYS) Recent Developments/Updates
- 2.11 Jiangsu Changjing Electronics
 - 2.11.1 Jiangsu Changjing Electronics Details
 - 2.11.2 Jiangsu Changjing Electronics Major Business
 - 2.11.3 Jiangsu Changjing Electronics Automotive Schottky Diode Product and Services
 - 2.11.4 Jiangsu Changjing Electronics Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Jiangsu Changjing Electronics Recent Developments/Updates
- 2.12 Yangzhou Yangjie Electronic Technology
 - 2.12.1 Yangzhou Yangjie Electronic Technology Details
 - 2.12.2 Yangzhou Yangjie Electronic Technology Major Business
 - 2.12.3 Yangzhou Yangjie Electronic Technology Automotive Schottky Diode Product and Services
 - 2.12.4 Yangzhou Yangjie Electronic Technology Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 Yangzhou Yangjie Electronic Technology Recent Developments/Updates
- 2.13 Diotec Semiconductor AG
 - 2.13.1 Diotec Semiconductor AG Details
 - 2.13.2 Diotec Semiconductor AG Major Business
 - 2.13.3 Diotec Semiconductor AG Automotive Schottky Diode Product and Services
 - 2.13.4 Diotec Semiconductor AG Automotive Schottky Diode Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Diotec Semiconductor AG Recent Developments/Updates

2.14 Toshiba

2.14.1 Toshiba Details

2.14.2 Toshiba Major Business

2.14.3 Toshiba Automotive Schottky Diode Product and Services

2.14.4 Toshiba Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Toshiba Recent Developments/Updates

2.15 Fuji Electric

2.15.1 Fuji Electric Details

2.15.2 Fuji Electric Major Business

2.15.3 Fuji Electric Automotive Schottky Diode Product and Services

2.15.4 Fuji Electric Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 Fuji Electric Recent Developments/Updates

2.16 Kyocera AVX

2.16.1 Kyocera AVX Details

2.16.2 Kyocera AVX Major Business

2.16.3 Kyocera AVX Automotive Schottky Diode Product and Services

2.16.4 Kyocera AVX Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 Kyocera AVX Recent Developments/Updates

2.17 Microchip (Microsemi)

2.17.1 Microchip (Microsemi) Details

2.17.2 Microchip (Microsemi) Major Business

2.17.3 Microchip (Microsemi) Automotive Schottky Diode Product and Services

2.17.4 Microchip (Microsemi) Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.17.5 Microchip (Microsemi) Recent Developments/Updates

2.18 Texas Instruments

2.18.1 Texas Instruments Details

2.18.2 Texas Instruments Major Business

2.18.3 Texas Instruments Automotive Schottky Diode Product and Services

2.18.4 Texas Instruments Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.18.5 Texas Instruments Recent Developments/Updates

2.19 Bourns, Inc

2.19.1 Bourns, Inc Details

- 2.19.2 Bourns, Inc Major Business
- 2.19.3 Bourns, Inc Automotive Schottky Diode Product and Services
- 2.19.4 Bourns, Inc Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.19.5 Bourns, Inc Recent Developments/Updates
- 2.20 Shindengen
 - 2.20.1 Shindengen Details
 - 2.20.2 Shindengen Major Business
 - 2.20.3 Shindengen Automotive Schottky Diode Product and Services
 - 2.20.4 Shindengen Automotive Schottky Diode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.20.5 Shindengen Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE SCHOTTKY DIODE BY MANUFACTURER

- 3.1 Global Automotive Schottky Diode Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Automotive Schottky Diode Revenue by Manufacturer (2020-2025)
- 3.3 Global Automotive Schottky Diode Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Automotive Schottky Diode by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Automotive Schottky Diode Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Automotive Schottky Diode Manufacturer Market Share in 2024
- 3.5 Automotive Schottky Diode Market: Overall Company Footprint Analysis
 - 3.5.1 Automotive Schottky Diode Market: Region Footprint
 - 3.5.2 Automotive Schottky Diode Market: Company Product Type Footprint
 - 3.5.3 Automotive Schottky Diode Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Automotive Schottky Diode Market Size by Region
 - 4.1.1 Global Automotive Schottky Diode Sales Quantity by Region (2020-2031)
 - 4.1.2 Global Automotive Schottky Diode Consumption Value by Region (2020-2031)
 - 4.1.3 Global Automotive Schottky Diode Average Price by Region (2020-2031)
- 4.2 North America Automotive Schottky Diode Consumption Value (2020-2031)
- 4.3 Europe Automotive Schottky Diode Consumption Value (2020-2031)

- 4.4 Asia-Pacific Automotive Schottky Diode Consumption Value (2020-2031)
- 4.5 South America Automotive Schottky Diode Consumption Value (2020-2031)
- 4.6 Middle East & Africa Automotive Schottky Diode Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Automotive Schottky Diode Sales Quantity by Type (2020-2031)
- 5.2 Global Automotive Schottky Diode Consumption Value by Type (2020-2031)
- 5.3 Global Automotive Schottky Diode Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Automotive Schottky Diode Sales Quantity by Application (2020-2031)
- 6.2 Global Automotive Schottky Diode Consumption Value by Application (2020-2031)
- 6.3 Global Automotive Schottky Diode Average Price by Application (2020-2031)

7 NORTH AMERICA

- 7.1 North America Automotive Schottky Diode Sales Quantity by Type (2020-2031)
- 7.2 North America Automotive Schottky Diode Sales Quantity by Application (2020-2031)
- 7.3 North America Automotive Schottky Diode Market Size by Country
 - 7.3.1 North America Automotive Schottky Diode Sales Quantity by Country (2020-2031)
 - 7.3.2 North America Automotive Schottky Diode Consumption Value by Country (2020-2031)
 - 7.3.3 United States Market Size and Forecast (2020-2031)
 - 7.3.4 Canada Market Size and Forecast (2020-2031)
 - 7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

- 8.1 Europe Automotive Schottky Diode Sales Quantity by Type (2020-2031)
- 8.2 Europe Automotive Schottky Diode Sales Quantity by Application (2020-2031)
- 8.3 Europe Automotive Schottky Diode Market Size by Country
 - 8.3.1 Europe Automotive Schottky Diode Sales Quantity by Country (2020-2031)
 - 8.3.2 Europe Automotive Schottky Diode Consumption Value by Country (2020-2031)
 - 8.3.3 Germany Market Size and Forecast (2020-2031)
 - 8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Automotive Schottky Diode Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Automotive Schottky Diode Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Automotive Schottky Diode Market Size by Region

9.3.1 Asia-Pacific Automotive Schottky Diode Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Automotive Schottky Diode Consumption Value by Region
(2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Automotive Schottky Diode Sales Quantity by Type (2020-2031)

10.2 South America Automotive Schottky Diode Sales Quantity by Application
(2020-2031)

10.3 South America Automotive Schottky Diode Market Size by Country

10.3.1 South America Automotive Schottky Diode Sales Quantity by Country
(2020-2031)

10.3.2 South America Automotive Schottky Diode Consumption Value by Country
(2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automotive Schottky Diode Sales Quantity by Type
(2020-2031)

11.2 Middle East & Africa Automotive Schottky Diode Sales Quantity by Application
(2020-2031)

11.3 Middle East & Africa Automotive Schottky Diode Market Size by Country

11.3.1 Middle East & Africa Automotive Schottky Diode Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Automotive Schottky Diode Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Automotive Schottky Diode Market Drivers

12.2 Automotive Schottky Diode Market Restraints

12.3 Automotive Schottky Diode Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Automotive Schottky Diode and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive Schottky Diode

13.3 Automotive Schottky Diode Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive Schottky Diode Typical Distributors

14.3 Automotive Schottky Diode Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Automotive Schottky Diode Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Automotive Schottky Diode Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 4. STMicroelectronics Major Business

Table 5. STMicroelectronics Automotive Schottky Diode Product and Services

Table 6. STMicroelectronics Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. STMicroelectronics Recent Developments/Updates

Table 8. Vishay Basic Information, Manufacturing Base and Competitors

Table 9. Vishay Major Business

Table 10. Vishay Automotive Schottky Diode Product and Services

Table 11. Vishay Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Vishay Recent Developments/Updates

Table 13. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 14. Diodes Incorporated Major Business

Table 15. Diodes Incorporated Automotive Schottky Diode Product and Services

Table 16. Diodes Incorporated Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Diodes Incorporated Recent Developments/Updates

Table 18. Rohm Basic Information, Manufacturing Base and Competitors

Table 19. Rohm Major Business

Table 20. Rohm Automotive Schottky Diode Product and Services

Table 21. Rohm Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Rohm Recent Developments/Updates

Table 23. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 24. Infineon Technologies Major Business

Table 25. Infineon Technologies Automotive Schottky Diode Product and Services

Table 26. Infineon Technologies Automotive Schottky Diode Sales Quantity (M PCS),

Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Infineon Technologies Recent Developments/Updates

Table 28. Sanken Electric Basic Information, Manufacturing Base and Competitors

Table 29. Sanken Electric Major Business

Table 30. Sanken Electric Automotive Schottky Diode Product and Services

Table 31. Sanken Electric Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Sanken Electric Recent Developments/Updates

Table 33. Onsemi Basic Information, Manufacturing Base and Competitors

Table 34. Onsemi Major Business

Table 35. Onsemi Automotive Schottky Diode Product and Services

Table 36. Onsemi Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Onsemi Recent Developments/Updates

Table 38. Nexperia Basic Information, Manufacturing Base and Competitors

Table 39. Nexperia Major Business

Table 40. Nexperia Automotive Schottky Diode Product and Services

Table 41. Nexperia Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Nexperia Recent Developments/Updates

Table 43. WeEn Semiconductor Basic Information, Manufacturing Base and Competitors

Table 44. WeEn Semiconductor Major Business

Table 45. WeEn Semiconductor Automotive Schottky Diode Product and Services

Table 46. WeEn Semiconductor Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. WeEn Semiconductor Recent Developments/Updates

Table 48. Littelfuse (IXYS) Basic Information, Manufacturing Base and Competitors

Table 49. Littelfuse (IXYS) Major Business

Table 50. Littelfuse (IXYS) Automotive Schottky Diode Product and Services

Table 51. Littelfuse (IXYS) Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Littelfuse (IXYS) Recent Developments/Updates

Table 53. Jiangsu Changjing Electronics Basic Information, Manufacturing Base and Competitors

Table 54. Jiangsu Changjing Electronics Major Business

Table 55. Jiangsu Changjing Electronics Automotive Schottky Diode Product and Services

Table 56. Jiangsu Changjing Electronics Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Jiangsu Changjing Electronics Recent Developments/Updates

Table 58. Yangzhou Yangjie Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 59. Yangzhou Yangjie Electronic Technology Major Business

Table 60. Yangzhou Yangjie Electronic Technology Automotive Schottky Diode Product and Services

Table 61. Yangzhou Yangjie Electronic Technology Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Yangzhou Yangjie Electronic Technology Recent Developments/Updates

Table 63. Diotec Semiconductor AG Basic Information, Manufacturing Base and Competitors

Table 64. Diotec Semiconductor AG Major Business

Table 65. Diotec Semiconductor AG Automotive Schottky Diode Product and Services

Table 66. Diotec Semiconductor AG Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Diotec Semiconductor AG Recent Developments/Updates

Table 68. Toshiba Basic Information, Manufacturing Base and Competitors

Table 69. Toshiba Major Business

Table 70. Toshiba Automotive Schottky Diode Product and Services

Table 71. Toshiba Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Toshiba Recent Developments/Updates

Table 73. Fuji Electric Basic Information, Manufacturing Base and Competitors

Table 74. Fuji Electric Major Business

Table 75. Fuji Electric Automotive Schottky Diode Product and Services

Table 76. Fuji Electric Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Fuji Electric Recent Developments/Updates

Table 78. Kyocera AVX Basic Information, Manufacturing Base and Competitors

Table 79. Kyocera AVX Major Business

Table 80. Kyocera AVX Automotive Schottky Diode Product and Services

Table 81. Kyocera AVX Automotive Schottky Diode Sales Quantity (M PCS), Average

Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Kyocera AVX Recent Developments/Updates

Table 83. Microchip (Microsemi) Basic Information, Manufacturing Base and Competitors

Table 84. Microchip (Microsemi) Major Business

Table 85. Microchip (Microsemi) Automotive Schottky Diode Product and Services

Table 86. Microchip (Microsemi) Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Microchip (Microsemi) Recent Developments/Updates

Table 88. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 89. Texas Instruments Major Business

Table 90. Texas Instruments Automotive Schottky Diode Product and Services

Table 91. Texas Instruments Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Texas Instruments Recent Developments/Updates

Table 93. Bourns, Inc Basic Information, Manufacturing Base and Competitors

Table 94. Bourns, Inc Major Business

Table 95. Bourns, Inc Automotive Schottky Diode Product and Services

Table 96. Bourns, Inc Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. Bourns, Inc Recent Developments/Updates

Table 98. Shindengen Basic Information, Manufacturing Base and Competitors

Table 99. Shindengen Major Business

Table 100. Shindengen Automotive Schottky Diode Product and Services

Table 101. Shindengen Automotive Schottky Diode Sales Quantity (M PCS), Average Price (USD/PCS), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 102. Shindengen Recent Developments/Updates

Table 103. Global Automotive Schottky Diode Sales Quantity by Manufacturer (2020-2025) & (M PCS)

Table 104. Global Automotive Schottky Diode Revenue by Manufacturer (2020-2025) & (USD Million)

Table 105. Global Automotive Schottky Diode Average Price by Manufacturer (2020-2025) & (USD/PCS)

Table 106. Market Position of Manufacturers in Automotive Schottky Diode, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 107. Head Office and Automotive Schottky Diode Production Site of Key Manufacturer

Table 108. Automotive Schottky Diode Market: Company Product Type Footprint

Table 109. Automotive Schottky Diode Market: Company Product Application Footprint

Table 110. Automotive Schottky Diode New Market Entrants and Barriers to Market Entry

Table 111. Automotive Schottky Diode Mergers, Acquisition, Agreements, and Collaborations

Table 112. Global Automotive Schottky Diode Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 113. Global Automotive Schottky Diode Sales Quantity by Region (2020-2025) & (M PCS)

Table 114. Global Automotive Schottky Diode Sales Quantity by Region (2026-2031) & (M PCS)

Table 115. Global Automotive Schottky Diode Consumption Value by Region (2020-2025) & (USD Million)

Table 116. Global Automotive Schottky Diode Consumption Value by Region (2026-2031) & (USD Million)

Table 117. Global Automotive Schottky Diode Average Price by Region (2020-2025) & (USD/PCS)

Table 118. Global Automotive Schottky Diode Average Price by Region (2026-2031) & (USD/PCS)

Table 119. Global Automotive Schottky Diode Sales Quantity by Type (2020-2025) & (M PCS)

Table 120. Global Automotive Schottky Diode Sales Quantity by Type (2026-2031) & (M PCS)

Table 121. Global Automotive Schottky Diode Consumption Value by Type (2020-2025) & (USD Million)

Table 122. Global Automotive Schottky Diode Consumption Value by Type (2026-2031) & (USD Million)

Table 123. Global Automotive Schottky Diode Average Price by Type (2020-2025) & (USD/PCS)

Table 124. Global Automotive Schottky Diode Average Price by Type (2026-2031) & (USD/PCS)

Table 125. Global Automotive Schottky Diode Sales Quantity by Application (2020-2025) & (M PCS)

Table 126. Global Automotive Schottky Diode Sales Quantity by Application (2026-2031) & (M PCS)

Table 127. Global Automotive Schottky Diode Consumption Value by Application (2020-2025) & (USD Million)

Table 128. Global Automotive Schottky Diode Consumption Value by Application

(2026-2031) & (USD Million)

Table 129. Global Automotive Schottky Diode Average Price by Application (2020-2025) & (USD/PCS)

Table 130. Global Automotive Schottky Diode Average Price by Application (2026-2031) & (USD/PCS)

Table 131. North America Automotive Schottky Diode Sales Quantity by Type (2020-2025) & (M PCS)

Table 132. North America Automotive Schottky Diode Sales Quantity by Type (2026-2031) & (M PCS)

Table 133. North America Automotive Schottky Diode Sales Quantity by Application (2020-2025) & (M PCS)

Table 134. North America Automotive Schottky Diode Sales Quantity by Application (2026-2031) & (M PCS)

Table 135. North America Automotive Schottky Diode Sales Quantity by Country (2020-2025) & (M PCS)

Table 136. North America Automotive Schottky Diode Sales Quantity by Country (2026-2031) & (M PCS)

Table 137. North America Automotive Schottky Diode Consumption Value by Country (2020-2025) & (USD Million)

Table 138. North America Automotive Schottky Diode Consumption Value by Country (2026-2031) & (USD Million)

Table 139. Europe Automotive Schottky Diode Sales Quantity by Type (2020-2025) & (M PCS)

Table 140. Europe Automotive Schottky Diode Sales Quantity by Type (2026-2031) & (M PCS)

Table 141. Europe Automotive Schottky Diode Sales Quantity by Application (2020-2025) & (M PCS)

Table 142. Europe Automotive Schottky Diode Sales Quantity by Application (2026-2031) & (M PCS)

Table 143. Europe Automotive Schottky Diode Sales Quantity by Country (2020-2025) & (M PCS)

Table 144. Europe Automotive Schottky Diode Sales Quantity by Country (2026-2031) & (M PCS)

Table 145. Europe Automotive Schottky Diode Consumption Value by Country (2020-2025) & (USD Million)

Table 146. Europe Automotive Schottky Diode Consumption Value by Country (2026-2031) & (USD Million)

Table 147. Asia-Pacific Automotive Schottky Diode Sales Quantity by Type (2020-2025) & (M PCS)

Table 148. Asia-Pacific Automotive Schottky Diode Sales Quantity by Type (2026-2031) & (M PCS)

Table 149. Asia-Pacific Automotive Schottky Diode Sales Quantity by Application (2020-2025) & (M PCS)

Table 150. Asia-Pacific Automotive Schottky Diode Sales Quantity by Application (2026-2031) & (M PCS)

Table 151. Asia-Pacific Automotive Schottky Diode Sales Quantity by Region (2020-2025) & (M PCS)

Table 152. Asia-Pacific Automotive Schottky Diode Sales Quantity by Region (2026-2031) & (M PCS)

Table 153. Asia-Pacific Automotive Schottky Diode Consumption Value by Region (2020-2025) & (USD Million)

Table 154. Asia-Pacific Automotive Schottky Diode Consumption Value by Region (2026-2031) & (USD Million)

Table 155. South America Automotive Schottky Diode Sales Quantity by Type (2020-2025) & (M PCS)

Table 156. South America Automotive Schottky Diode Sales Quantity by Type (2026-2031) & (M PCS)

Table 157. South America Automotive Schottky Diode Sales Quantity by Application (2020-2025) & (M PCS)

Table 158. South America Automotive Schottky Diode Sales Quantity by Application (2026-2031) & (M PCS)

Table 159. South America Automotive Schottky Diode Sales Quantity by Country (2020-2025) & (M PCS)

Table 160. South America Automotive Schottky Diode Sales Quantity by Country (2026-2031) & (M PCS)

Table 161. South America Automotive Schottky Diode Consumption Value by Country (2020-2025) & (USD Million)

Table 162. South America Automotive Schottky Diode Consumption Value by Country (2026-2031) & (USD Million)

Table 163. Middle East & Africa Automotive Schottky Diode Sales Quantity by Type (2020-2025) & (M PCS)

Table 164. Middle East & Africa Automotive Schottky Diode Sales Quantity by Type (2026-2031) & (M PCS)

Table 165. Middle East & Africa Automotive Schottky Diode Sales Quantity by Application (2020-2025) & (M PCS)

Table 166. Middle East & Africa Automotive Schottky Diode Sales Quantity by Application (2026-2031) & (M PCS)

Table 167. Middle East & Africa Automotive Schottky Diode Sales Quantity by Country

(2020-2025) & (M PCS)

Table 168. Middle East & Africa Automotive Schottky Diode Sales Quantity by Country (2026-2031) & (M PCS)

Table 169. Middle East & Africa Automotive Schottky Diode Consumption Value by Country (2020-2025) & (USD Million)

Table 170. Middle East & Africa Automotive Schottky Diode Consumption Value by Country (2026-2031) & (USD Million)

Table 171. Automotive Schottky Diode Raw Material

Table 172. Key Manufacturers of Automotive Schottky Diode Raw Materials

Table 173. Automotive Schottky Diode Typical Distributors

Table 174. Automotive Schottky Diode Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Automotive Schottky Diode Picture

Figure 2. Global Automotive Schottky Diode Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Automotive Schottky Diode Revenue Market Share by Type in 2024

Figure 4. LV Schottky Diodes Examples

Figure 5. MV Schottky Diodes Examples

Figure 6. HV Schottky Diodes Examples

Figure 7. Global Automotive Schottky Diode Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global Automotive Schottky Diode Revenue Market Share by Application in 2024

Figure 9. DC-DC Converter Examples

Figure 10. Automotive ECU Examples

Figure 11. In-Vehicle Inverter Examples

Figure 12. Others Examples

Figure 13. Global Automotive Schottky Diode Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 14. Global Automotive Schottky Diode Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 15. Global Automotive Schottky Diode Sales Quantity (2020-2031) & (M PCS)

Figure 16. Global Automotive Schottky Diode Price (2020-2031) & (USD/PCS)

Figure 17. Global Automotive Schottky Diode Sales Quantity Market Share by Manufacturer in 2024

Figure 18. Global Automotive Schottky Diode Revenue Market Share by Manufacturer in 2024

Figure 19. Producer Shipments of Automotive Schottky Diode by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 20. Top 3 Automotive Schottky Diode Manufacturer (Revenue) Market Share in 2024

Figure 21. Top 6 Automotive Schottky Diode Manufacturer (Revenue) Market Share in 2024

Figure 22. Global Automotive Schottky Diode Sales Quantity Market Share by Region (2020-2031)

Figure 23. Global Automotive Schottky Diode Consumption Value Market Share by Region (2020-2031)

Figure 24. North America Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 27. South America Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 29. Global Automotive Schottky Diode Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global Automotive Schottky Diode Consumption Value Market Share by Type (2020-2031)

Figure 31. Global Automotive Schottky Diode Average Price by Type (2020-2031) & (USD/PCS)

Figure 32. Global Automotive Schottky Diode Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global Automotive Schottky Diode Revenue Market Share by Application (2020-2031)

Figure 34. Global Automotive Schottky Diode Average Price by Application (2020-2031) & (USD/PCS)

Figure 35. North America Automotive Schottky Diode Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America Automotive Schottky Diode Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America Automotive Schottky Diode Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America Automotive Schottky Diode Consumption Value Market Share by Country (2020-2031)

Figure 39. United States Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe Automotive Schottky Diode Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe Automotive Schottky Diode Sales Quantity Market Share by

Application (2020-2031)

Figure 44. Europe Automotive Schottky Diode Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe Automotive Schottky Diode Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 47. France Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific Automotive Schottky Diode Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific Automotive Schottky Diode Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific Automotive Schottky Diode Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific Automotive Schottky Diode Consumption Value Market Share by Region (2020-2031)

Figure 55. China Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 58. India Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 61. South America Automotive Schottky Diode Sales Quantity Market Share by Type (2020-2031)

Figure 62. South America Automotive Schottky Diode Sales Quantity Market Share by Application (2020-2031)

Figure 63. South America Automotive Schottky Diode Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America Automotive Schottky Diode Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa Automotive Schottky Diode Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa Automotive Schottky Diode Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa Automotive Schottky Diode Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa Automotive Schottky Diode Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa Automotive Schottky Diode Consumption Value (2020-2031) & (USD Million)

Figure 75. Automotive Schottky Diode Market Drivers

Figure 76. Automotive Schottky Diode Market Restraints

Figure 77. Automotive Schottky Diode Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Automotive Schottky Diode in 2024

Figure 80. Manufacturing Process Analysis of Automotive Schottky Diode

Figure 81. Automotive Schottky Diode Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global Automotive Schottky Diode Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/G0E2F99E11B9EN.html>

Price: US\$ 3,480.00 (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/G0E2F99E11B9EN.html>