

Schottky Rectifiers Market Top Manufacturers Analysis | Sales and Growth Rate, Assessment to 2028

Major players covered into report are Rohm, Vishay, Nexperia, IXYS, Central semiconductors etc.

ISLE OF MAN, ISLE OF MAN, November 23, 2022 /EINPresswire.com/ -- Market Size for Schottky Rectifiers:

The global [Schottky rectifiers market](#) was valued at US\$ ** million in 2018 and is projected to reach a value of US\$ XX million by 2028, growing at a CAGR of *.* % during the forecast period 2018–2028).

A Schottky diode is an electronic component that is used in a variety of applications such as power OR circuits, control rectifiers, RF applications, and others, particularly as a blender to identifier diode. Surface Barrier Diode, Hot Carrier Diode, and Hot Electron Diode are some of the other names for this product.

One of the major factors driving the growth of the Schottky diode market is the global increase in industrialization. The demand for Schottky diodes over simple diodes is increasing because the former have a low forward voltage drop that ranges between 0.3 and 0.5 and reduce energy waste as heat, and the rise in consumer demand for gadgets accelerates market growth. The increasing use of Schottky diodes in voltage bracing, test and hold circuits, and mode control supplies, as well as their vital properties such as low-profile surface-mount bundles, low capacitance, and higher proficiency, are driving the market. Furthermore, use in sensitive applications, an increase in demand for stationary photovoltaic (PV) cells, an increase in demand from industries such as consumer engines, telecommunications, and automotive, among others, urbanisation, and an increase in end-user awareness all have a positive impact on the Schottky



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diode market. Furthermore, technological advancements and innovative improvements in diodes provide profitable opportunities to market participants from 2021 to 2028.

Some of the key players in the Semiconductor Components Industries, LLC, are: Mouser Electronics, Inc., ROHM CO., LTD., Infineon Technologies AG, Microchip Technology Inc., Cree, Inc., GeneSiC Semiconductor Inc., IXYS Corporation, Littelfuse, Inc., Nexperia, Rectron Semiconductor, Toshiba India Pvt. Ltd., TT Electronics, NXP Semiconductors, Shanghai WillSemi, Diodes Incorporated, PANJIT, Taiwan Semiconductor, UnitedSiC, and WeEn Semiconductor

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Some of the key findings from the report include:

1. The report found that the Schottky rectifiers market is growing at a CAGR of *.*% from 2019 to 2028.
2. The key drivers for this growth include the increasing demand for high efficiency and low power loss devices, the growing adoption of renewable energy sources, and the need for miniaturization of devices.
3. The challenges faced by the market include the high cost of production and the need for complex manufacturing processes.
4. The major players in the market are Semiconductor Components Industries, LLC, Mouser Electronics, Inc., ROHM CO., LTD., Infineon Technologies AG, Microchip Technology, Inc., Cree, Inc., and GeneSiC Semiconductor, Inc.
5. The applications of Schottky rectifiers include power supplies, DC-DC converters, battery chargers, and UPS systems, among others.

COVID-19 Scenario:

The outbreak of COVID-19 has had a major impact on the Schottky rectifier market. The market is expected to witness a significant decline in demand due to the economic slowdown and disruptions in the supply chain.

However, the market is expected to recover in 2021 as the global economy is expected to rebound. The market is expected to grow at a CAGR of X% during the forecast period (2021–2026).

The report provides an in-depth analysis of the Schottky rectifiers market and offers key insights on its future growth prospects. It also provides a detailed assessment of the impact of COVID-19 on the market.

The following segments are covered in the report:

By Product

- Single
- Double

By End-User

- Industrial
- Construction
- Oil and Gas
- Chemicals
- Manufacturing
- Other

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This report provides answers to the following key questions:

- COVID-19 impact analysis on the global Schottky rectifiers industry
- What are the current market trends and dynamics in the Schottky Rectifiers market, and what are the valuable opportunities for emerging players?
- What is driving the Schottky rectifier market?
- What are the key challenges to market growth?
- Which segment accounts for the fastest CAGR during the forecast period?
- Which product type segment holds a larger market share and why?
- Are low- and middle-income economies investing in the Schottky rectifier market?
- Key growth pockets on the basis of regions, types, applications, and end-users
- What is the market trend and dynamics in emerging markets such as Asia Pacific, Latin America, and the Middle East and Africa?

This report's unique data points include:

- Statistics on Schottky rectifiers and spending worldwide
- Recent trends across different regions in terms of adoption of Schottky rectifiers across industries

- Notable developments are going on in the industry.
- Attractive investment propositions for segments as well as geography
- Comparative scenario for all the segments for years 2018 (actual) and 2028 (forecast)

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