

# Global Synchronous Rectification Circuit Market Growth 2026-2032

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## Abstracts

The global Synchronous Rectification Circuit market size is predicted to grow from US\$ 9867 million in 2025 to US\$ 15350 million in 2032; it is expected to grow at a CAGR of 6.6% from 2026 to 2032.

Synchronous Rectification (SR) is a power conversion technique employed in power supplies and power converters to significantly enhance efficiency. It replaces traditional passive rectifiers (like diodes) with active semiconductor switches, typically MOSFETs.

By utilizing these active switches, SR eliminates the voltage drop associated with diode rectification, leading to reduced power dissipation and improved overall system efficiency.

This is particularly advantageous in applications demanding high power density and low operating voltages.

United States market for Synchronous Rectification Circuit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Synchronous Rectification Circuit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Synchronous Rectification Circuit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Synchronous Rectification Circuit players cover Silan, Texas Instruments, Infineon, STMicroelectronics, NXP Semiconductors, etc. In terms of revenue, the global

two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the “Synchronous Rectification Circuit Industry Forecast” looks at past sales and reviews total world Synchronous Rectification Circuit sales in 2025, providing a comprehensive analysis by region and market sector of projected Synchronous Rectification Circuit sales for 2026 through 2032. With Synchronous Rectification Circuit sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Synchronous Rectification Circuit industry.

This Insight Report provides a comprehensive analysis of the global Synchronous Rectification Circuit landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Synchronous Rectification Circuit portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Synchronous Rectification Circuit market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Synchronous Rectification Circuit and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Synchronous Rectification Circuit.

This report presents a comprehensive overview, market shares, and growth opportunities of Synchronous Rectification Circuit market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Pulse Control Circuit

Hysteresis Control Circuit

Others

### **Segmentation by Application:**

Consumer Electronics

Automotive Electronics

Industrial Electronics

Others

### **This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Silan

Texas Instruments

Infineon

STMicroelectronics

NXP Semiconductors

Diodes Incorporated

On Semiconductor

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Synchronous Rectification Circuit market?

What factors are driving Synchronous Rectification Circuit market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Synchronous Rectification Circuit market opportunities vary by end market size?

How does Synchronous Rectification Circuit break out by Type, by Application?

**The report requires updating with new data and is sent in 48 hours after order is placed.**

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