

Global Automotive Silicon-Controlled Rectifier Supply, Demand and Key Producers, 2024-2030

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Abstracts

The global Automotive Silicon-Controlled Rectifier market size is expected to reach \$ 179.5 million by 2030, rising at a market growth of 4.9% CAGR during the forecast period (2024-2030).

Featuring immunity to surges and transients in static states and commutations, our silicon-controlled rectifiers (SCR), also known as thyristors, are ideal for single- and three-phase power line networks, even in harsh environments up to 150°C. In addition to AC, DC and capacitive ignitor circuits, these unidirectional switches are found in high-voltage industrial circuits as well as automotive equipment and all other segments where electromechanical relays are not operative or unreliable.

This report studies the global Automotive Silicon-Controlled Rectifier production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Silicon-Controlled Rectifier, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Silicon-Controlled Rectifier that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Silicon-Controlled Rectifier total production and demand, 2019-2030, (K Units)

Global Automotive Silicon-Controlled Rectifier total production value, 2019-2030, (USD

Million)

Global Automotive Silicon-Controlled Rectifier production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Automotive Silicon-Controlled Rectifier consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Automotive Silicon-Controlled Rectifier domestic production, consumption, key domestic manufacturers and share

Global Automotive Silicon-Controlled Rectifier production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Automotive Silicon-Controlled Rectifier production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Automotive Silicon-Controlled Rectifier production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Automotive Silicon-Controlled Rectifier market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include STMicroelectronics, WeEn Semiconductors, Littelfuse, Renesas Electronics, JieJie Microelectronics, Vishay, Shindengen Electric, Semikron Danfoss and Diodes Incorporated, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Silicon-Controlled Rectifier market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the

forecast year.

Global Automotive Silicon-Controlled Rectifier Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Silicon-Controlled Rectifier Market, Segmentation by Type

Unidirectional Thyristor

Bidirectional Thyristor

Global Automotive Silicon-Controlled Rectifier Market, Segmentation by Application

Passenger Car

Commercial Vehicle

Companies Profiled:

STMicroelectronics

WeEn Semiconductors

Littelfuse

Renesas Electronics

JieJie Microelectronics

Vishay

Shindengen Electric

Semikron Danfoss

Diodes Incorporated

Sanken Electric

SanRex

Central Semiconductor

Key Questions Answered

1. How big is the global Automotive Silicon-Controlled Rectifier market?
2. What is the demand of the global Automotive Silicon-Controlled Rectifier market?
3. What is the year over year growth of the global Automotive Silicon-Controlled Rectifier market?
4. What is the production and production value of the global Automotive Silicon-Controlled Rectifier market?
5. Who are the key producers in the global Automotive Silicon-Controlled Rectifier market?

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