

Global Semiconductor Silicon Controlled Rectifier Market Growth 2026-2032

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Abstracts

The global Semiconductor Silicon Controlled Rectifier market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

A Semiconductor Silicon Controlled Rectifier (SCR) is a type of semiconductor device that is widely used in power electronics for controlling electrical power. It is also known as a thyristor.

United States market for Semiconductor Silicon Controlled Rectifier 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 Semiconductor Silicon Controlled Rectifier 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 Semiconductor Silicon Controlled Rectifier is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Semiconductor Silicon Controlled Rectifier players cover Infineon, ON Semiconductor, STMicroelectronics, Mitsubishi Electric, Renesas Electronics, 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 ?Semiconductor Silicon

Controlled Rectifier Industry Forecast? looks at past sales and reviews total world Semiconductor Silicon Controlled Rectifier sales in 2025, providing a comprehensive analysis by region and market sector of projected Semiconductor Silicon Controlled Rectifier sales for 2026 through 2032. With Semiconductor Silicon Controlled Rectifier sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Silicon Controlled Rectifier industry.

This Insight Report provides a comprehensive analysis of the global Semiconductor Silicon Controlled Rectifier 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 Semiconductor Silicon Controlled Rectifier portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Silicon Controlled Rectifier market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Silicon Controlled Rectifier 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 Semiconductor Silicon Controlled Rectifier.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Silicon Controlled Rectifier market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Unidirectional Thyristor

Bidirectional Thyristor

Others

Segmentation by Application:

Motor Control

Light Dimmers

Voltage Regulation

Battery Chargers

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.

Infineon

ON Semiconductor

STMicroelectronics

Mitsubishi Electric

Renesas Electronics

Littelfuse

Vishay

Microchip Technology

Fuji Electric

Toshiba

JieJie Microelectronics

SINO-Microelectronics

Semikron

Sanken

ABB

SanRex

Key Questions Addressed in this Report

What is the 10-year outlook for the global Semiconductor Silicon Controlled Rectifier market?

What factors are driving Semiconductor Silicon Controlled Rectifier market growth, globally and by region?

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

How do Semiconductor Silicon Controlled Rectifier market opportunities vary by end market size?

How does Semiconductor Silicon Controlled Rectifier break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Semiconductor Silicon Controlled Rectifier Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Semiconductor Silicon Controlled Rectifier by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Semiconductor Silicon Controlled Rectifier by Country/Region, 2021, 2025 & 2032

2.2 Semiconductor Silicon Controlled Rectifier Segment by Type

- 2.2.1 Unidirectional Thyristor
- 2.2.2 Bidirectional Thyristor
- 2.2.3 Others
- 2.2.4 Semiconductor Silicon Controlled Rectifier Sales by Type
 - 2.2.4.1 Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Semiconductor Silicon Controlled Rectifier Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Semiconductor Silicon Controlled Rectifier Sale Price by Type (2021-2026)

2.3 Semiconductor Silicon Controlled Rectifier Segment by Application

- 2.3.1 Motor Control
- 2.3.2 Light Dimmers
- 2.3.3 Voltage Regulation
- 2.3.4 Battery Chargers
- 2.3.5 Others
- 2.3.6 Semiconductor Silicon Controlled Rectifier Sales by Application

2.3.6.1 Global Semiconductor Silicon Controlled Rectifier Sale Market Share by Application (2021-2026)

2.3.6.2 Global Semiconductor Silicon Controlled Rectifier Revenue and Market Share by Application (2021-2026)

2.3.6.3 Global Semiconductor Silicon Controlled Rectifier Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Semiconductor Silicon Controlled Rectifier Breakdown Data by Company

3.1.1 Global Semiconductor Silicon Controlled Rectifier Annual Sales by Company (2021-2026)

3.1.2 Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Company (2021-2026)

3.2 Global Semiconductor Silicon Controlled Rectifier Annual Revenue by Company (2021-2026)

3.2.1 Global Semiconductor Silicon Controlled Rectifier Revenue by Company (2021-2026)

3.2.2 Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Company (2021-2026)

3.3 Global Semiconductor Silicon Controlled Rectifier Sale Price by Company

3.4 Key Manufacturers Semiconductor Silicon Controlled Rectifier Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Semiconductor Silicon Controlled Rectifier Product Location Distribution

3.4.2 Players Semiconductor Silicon Controlled Rectifier Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SEMICONDUCTOR SILICON CONTROLLED RECTIFIER BY GEOGRAPHIC REGION

4.1 World Historic Semiconductor Silicon Controlled Rectifier Market Size by Geographic Region (2021-2026)

4.1.1 Global Semiconductor Silicon Controlled Rectifier Annual Sales by Geographic Region (2021-2026)

- 4.1.2 Global Semiconductor Silicon Controlled Rectifier Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Semiconductor Silicon Controlled Rectifier Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Semiconductor Silicon Controlled Rectifier Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Semiconductor Silicon Controlled Rectifier Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Semiconductor Silicon Controlled Rectifier Sales Growth
- 4.4 APAC Semiconductor Silicon Controlled Rectifier Sales Growth
- 4.5 Europe Semiconductor Silicon Controlled Rectifier Sales Growth
- 4.6 Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales Growth

5 AMERICAS

- 5.1 Americas Semiconductor Silicon Controlled Rectifier Sales by Country
 - 5.1.1 Americas Semiconductor Silicon Controlled Rectifier Sales by Country (2021-2026)
 - 5.1.2 Americas Semiconductor Silicon Controlled Rectifier Revenue by Country (2021-2026)
- 5.2 Americas Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026)
- 5.3 Americas Semiconductor Silicon Controlled Rectifier Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Semiconductor Silicon Controlled Rectifier Sales by Region
 - 6.1.1 APAC Semiconductor Silicon Controlled Rectifier Sales by Region (2021-2026)
 - 6.1.2 APAC Semiconductor Silicon Controlled Rectifier Revenue by Region (2021-2026)
- 6.2 APAC Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026)
- 6.3 APAC Semiconductor Silicon Controlled Rectifier Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Semiconductor Silicon Controlled Rectifier by Country

7.1.1 Europe Semiconductor Silicon Controlled Rectifier Sales by Country (2021-2026)

7.1.2 Europe Semiconductor Silicon Controlled Rectifier Revenue by Country
(2021-2026)

7.2 Europe Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026)

7.3 Europe Semiconductor Silicon Controlled Rectifier Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Semiconductor Silicon Controlled Rectifier by Country

8.1.1 Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales by Country
(2021-2026)

8.1.2 Middle East & Africa Semiconductor Silicon Controlled Rectifier Revenue by
Country (2021-2026)

8.2 Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales by Type
(2021-2026)

8.3 Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales by Application
(2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Semiconductor Silicon Controlled Rectifier

10.3 Manufacturing Process Analysis of Semiconductor Silicon Controlled Rectifier

10.4 Industry Chain Structure of Semiconductor Silicon Controlled Rectifier

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Semiconductor Silicon Controlled Rectifier Distributors

11.3 Semiconductor Silicon Controlled Rectifier Customer

12 WORLD FORECAST REVIEW FOR SEMICONDUCTOR SILICON CONTROLLED RECTIFIER BY GEOGRAPHIC REGION

12.1 Global Semiconductor Silicon Controlled Rectifier Market Size Forecast by Region

12.1.1 Global Semiconductor Silicon Controlled Rectifier Forecast by Region (2027-2032)

12.1.2 Global Semiconductor Silicon Controlled Rectifier Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Semiconductor Silicon Controlled Rectifier Forecast by Type (2027-2032)

12.7 Global Semiconductor Silicon Controlled Rectifier Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Infineon

13.1.1 Infineon Company Information

13.1.2 Infineon Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.1.3 Infineon Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Infineon Main Business Overview

13.1.5 Infineon Latest Developments

13.2 ON Semiconductor

13.2.1 ON Semiconductor Company Information

13.2.2 ON Semiconductor Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.2.3 ON Semiconductor Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 ON Semiconductor Main Business Overview

13.2.5 ON Semiconductor Latest Developments

13.3 STMicroelectronics

13.3.1 STMicroelectronics Company Information

13.3.2 STMicroelectronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.3.3 STMicroelectronics Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 STMicroelectronics Main Business Overview

13.3.5 STMicroelectronics Latest Developments

13.4 Mitsubishi Electric

13.4.1 Mitsubishi Electric Company Information

13.4.2 Mitsubishi Electric Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.4.3 Mitsubishi Electric Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Mitsubishi Electric Main Business Overview

13.4.5 Mitsubishi Electric Latest Developments

13.5 Renesas Electronics

13.5.1 Renesas Electronics Company Information

13.5.2 Renesas Electronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.5.3 Renesas Electronics Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Renesas Electronics Main Business Overview

13.5.5 Renesas Electronics Latest Developments

13.6 Littelfuse

- 13.6.1 Littelfuse Company Information
- 13.6.2 Littelfuse Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications
- 13.6.3 Littelfuse Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.6.4 Littelfuse Main Business Overview
- 13.6.5 Littelfuse Latest Developments
- 13.7 Vishay
 - 13.7.1 Vishay Company Information
 - 13.7.2 Vishay Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications
 - 13.7.3 Vishay Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Vishay Main Business Overview
 - 13.7.5 Vishay Latest Developments
- 13.8 Microchip Technology
 - 13.8.1 Microchip Technology Company Information
 - 13.8.2 Microchip Technology Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications
 - 13.8.3 Microchip Technology Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Microchip Technology Main Business Overview
 - 13.8.5 Microchip Technology Latest Developments
- 13.9 Fuji Electric
 - 13.9.1 Fuji Electric Company Information
 - 13.9.2 Fuji Electric Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications
 - 13.9.3 Fuji Electric Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Fuji Electric Main Business Overview
 - 13.9.5 Fuji Electric Latest Developments
- 13.10 Toshiba
 - 13.10.1 Toshiba Company Information
 - 13.10.2 Toshiba Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications
 - 13.10.3 Toshiba Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.10.4 Toshiba Main Business Overview
 - 13.10.5 Toshiba Latest Developments

13.11 JieJie Microelectronics

13.11.1 JieJie Microelectronics Company Information

13.11.2 JieJie Microelectronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.11.3 JieJie Microelectronics Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 JieJie Microelectronics Main Business Overview

13.11.5 JieJie Microelectronics Latest Developments

13.12 SINO-Microelectronics

13.12.1 SINO-Microelectronics Company Information

13.12.2 SINO-Microelectronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.12.3 SINO-Microelectronics Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 SINO-Microelectronics Main Business Overview

13.12.5 SINO-Microelectronics Latest Developments

13.13 Semikron

13.13.1 Semikron Company Information

13.13.2 Semikron Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.13.3 Semikron Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Semikron Main Business Overview

13.13.5 Semikron Latest Developments

13.14 Sanken

13.14.1 Sanken Company Information

13.14.2 Sanken Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.14.3 Sanken Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Sanken Main Business Overview

13.14.5 Sanken Latest Developments

13.15 ABB

13.15.1 ABB Company Information

13.15.2 ABB Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.15.3 ABB Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 ABB Main Business Overview

13.15.5 ABB Latest Developments

13.16 SanRex

13.16.1 SanRex Company Information

13.16.2 SanRex Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

13.16.3 SanRex Semiconductor Silicon Controlled Rectifier Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 SanRex Main Business Overview

13.16.5 SanRex Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Semiconductor Silicon Controlled Rectifier Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Semiconductor Silicon Controlled Rectifier Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Unidirectional Thyristor

Table 4. Major Players of Bidirectional Thyristor

Table 5. Major Players of Others

Table 6. Global Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026) & (K Units)

Table 7. Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Type (2021-2026)

Table 8. Global Semiconductor Silicon Controlled Rectifier Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Type (2021-2026)

Table 10. Global Semiconductor Silicon Controlled Rectifier Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Global Semiconductor Silicon Controlled Rectifier Sale by Application (2021-2026) & (K Units)

Table 12. Global Semiconductor Silicon Controlled Rectifier Sale Market Share by Application (2021-2026)

Table 13. Global Semiconductor Silicon Controlled Rectifier Revenue by Application (2021-2026) & (\$ million)

Table 14. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Application (2021-2026)

Table 15. Global Semiconductor Silicon Controlled Rectifier Sale Price by Application (2021-2026) & (US\$/Unit)

Table 16. Global Semiconductor Silicon Controlled Rectifier Sales by Company (2021-2026) & (K Units)

Table 17. Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Company (2021-2026)

Table 18. Global Semiconductor Silicon Controlled Rectifier Revenue by Company (2021-2026) & (\$ millions)

Table 19. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Company (2021-2026)

Table 20. Global Semiconductor Silicon Controlled Rectifier Sale Price by Company (2021-2026) & (US\$/Unit)

Table 21. Key Manufacturers Semiconductor Silicon Controlled Rectifier Producing Area Distribution and Sales Area

Table 22. Players Semiconductor Silicon Controlled Rectifier Products Offered

Table 23. Semiconductor Silicon Controlled Rectifier Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Semiconductor Silicon Controlled Rectifier Sales by Geographic Region (2021-2026) & (K Units)

Table 27. Global Semiconductor Silicon Controlled Rectifier Sales Market Share Geographic Region (2021-2026)

Table 28. Global Semiconductor Silicon Controlled Rectifier Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 29. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Geographic Region (2021-2026)

Table 30. Global Semiconductor Silicon Controlled Rectifier Sales by Country/Region (2021-2026) & (K Units)

Table 31. Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Country/Region (2021-2026)

Table 32. Global Semiconductor Silicon Controlled Rectifier Revenue by Country/Region (2021-2026) & (\$ millions)

Table 33. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Country/Region (2021-2026)

Table 34. Americas Semiconductor Silicon Controlled Rectifier Sales by Country (2021-2026) & (K Units)

Table 35. Americas Semiconductor Silicon Controlled Rectifier Sales Market Share by Country (2021-2026)

Table 36. Americas Semiconductor Silicon Controlled Rectifier Revenue by Country (2021-2026) & (\$ millions)

Table 37. Americas Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026) & (K Units)

Table 38. Americas Semiconductor Silicon Controlled Rectifier Sales by Application (2021-2026) & (K Units)

Table 39. APAC Semiconductor Silicon Controlled Rectifier Sales by Region (2021-2026) & (K Units)

Table 40. APAC Semiconductor Silicon Controlled Rectifier Sales Market Share by Region (2021-2026)

Table 41. APAC Semiconductor Silicon Controlled Rectifier Revenue by Region (2021-2026) & (\$ millions)

Table 42. APAC Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026) & (K Units)

Table 43. APAC Semiconductor Silicon Controlled Rectifier Sales by Application (2021-2026) & (K Units)

Table 44. Europe Semiconductor Silicon Controlled Rectifier Sales by Country (2021-2026) & (K Units)

Table 45. Europe Semiconductor Silicon Controlled Rectifier Revenue by Country (2021-2026) & (\$ millions)

Table 46. Europe Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026) & (K Units)

Table 47. Europe Semiconductor Silicon Controlled Rectifier Sales by Application (2021-2026) & (K Units)

Table 48. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales by Country (2021-2026) & (K Units)

Table 49. Middle East & Africa Semiconductor Silicon Controlled Rectifier Revenue Market Share by Country (2021-2026)

Table 50. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales by Type (2021-2026) & (K Units)

Table 51. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales by Application (2021-2026) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Semiconductor Silicon Controlled Rectifier

Table 53. Key Market Challenges & Risks of Semiconductor Silicon Controlled Rectifier

Table 54. Key Industry Trends of Semiconductor Silicon Controlled Rectifier

Table 55. Semiconductor Silicon Controlled Rectifier Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Semiconductor Silicon Controlled Rectifier Distributors List

Table 58. Semiconductor Silicon Controlled Rectifier Customer List

Table 59. Global Semiconductor Silicon Controlled Rectifier Sales Forecast by Region (2027-2032) & (K Units)

Table 60. Global Semiconductor Silicon Controlled Rectifier Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 61. Americas Semiconductor Silicon Controlled Rectifier Sales Forecast by Country (2027-2032) & (K Units)

Table 62. Americas Semiconductor Silicon Controlled Rectifier Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 63. APAC Semiconductor Silicon Controlled Rectifier Sales Forecast by Region

(2027-2032) & (K Units)

Table 64. APAC Semiconductor Silicon Controlled Rectifier Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 65. Europe Semiconductor Silicon Controlled Rectifier Sales Forecast by Country (2027-2032) & (K Units)

Table 66. Europe Semiconductor Silicon Controlled Rectifier Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 67. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales Forecast by Country (2027-2032) & (K Units)

Table 68. Middle East & Africa Semiconductor Silicon Controlled Rectifier Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global Semiconductor Silicon Controlled Rectifier Sales Forecast by Type (2027-2032) & (K Units)

Table 70. Global Semiconductor Silicon Controlled Rectifier Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global Semiconductor Silicon Controlled Rectifier Sales Forecast by Application (2027-2032) & (K Units)

Table 72. Global Semiconductor Silicon Controlled Rectifier Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. Infineon Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 74. Infineon Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 75. Infineon Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 76. Infineon Main Business

Table 77. Infineon Latest Developments

Table 78. ON Semiconductor Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 79. ON Semiconductor Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 80. ON Semiconductor Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 81. ON Semiconductor Main Business

Table 82. ON Semiconductor Latest Developments

Table 83. STMicroelectronics Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 84. STMicroelectronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 85. STMicroelectronics Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. STMicroelectronics Main Business

Table 87. STMicroelectronics Latest Developments

Table 88. Mitsubishi Electric Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 89. Mitsubishi Electric Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 90. Mitsubishi Electric Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Mitsubishi Electric Main Business

Table 92. Mitsubishi Electric Latest Developments

Table 93. Renesas Electronics Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 94. Renesas Electronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 95. Renesas Electronics Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Renesas Electronics Main Business

Table 97. Renesas Electronics Latest Developments

Table 98. Littelfuse Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 99. Littelfuse Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 100. Littelfuse Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. Littelfuse Main Business

Table 102. Littelfuse Latest Developments

Table 103. Vishay Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 104. Vishay Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 105. Vishay Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Vishay Main Business

Table 107. Vishay Latest Developments

Table 108. Microchip Technology Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 109. Microchip Technology Semiconductor Silicon Controlled Rectifier Product

Portfolios and Specifications

Table 110. Microchip Technology Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Microchip Technology Main Business

Table 112. Microchip Technology Latest Developments

Table 113. Fuji Electric Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 114. Fuji Electric Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 115. Fuji Electric Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. Fuji Electric Main Business

Table 117. Fuji Electric Latest Developments

Table 118. Toshiba Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 119. Toshiba Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 120. Toshiba Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. Toshiba Main Business

Table 122. Toshiba Latest Developments

Table 123. JieJie Microelectronics Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 124. JieJie Microelectronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 125. JieJie Microelectronics Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. JieJie Microelectronics Main Business

Table 127. JieJie Microelectronics Latest Developments

Table 128. SINO-Microelectronics Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 129. SINO-Microelectronics Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 130. SINO-Microelectronics Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. SINO-Microelectronics Main Business

Table 132. SINO-Microelectronics Latest Developments

Table 133. Semikron Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 134. Semikron Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 135. Semikron Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. Semikron Main Business

Table 137. Semikron Latest Developments

Table 138. Sanken Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 139. Sanken Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 140. Sanken Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 141. Sanken Main Business

Table 142. Sanken Latest Developments

Table 143. ABB Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 144. ABB Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 145. ABB Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 146. ABB Main Business

Table 147. ABB Latest Developments

Table 148. SanRex Basic Information, Semiconductor Silicon Controlled Rectifier Manufacturing Base, Sales Area and Its Competitors

Table 149. SanRex Semiconductor Silicon Controlled Rectifier Product Portfolios and Specifications

Table 150. SanRex Semiconductor Silicon Controlled Rectifier Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 151. SanRex Main Business

Table 152. SanRex Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Semiconductor Silicon Controlled Rectifier
- Figure 2. Semiconductor Silicon Controlled Rectifier Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Semiconductor Silicon Controlled Rectifier Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Semiconductor Silicon Controlled Rectifier Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Semiconductor Silicon Controlled Rectifier Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Semiconductor Silicon Controlled Rectifier Sales Market Share by Country/Region (2025)
- Figure 10. Semiconductor Silicon Controlled Rectifier Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Unidirectional Thyristor
- Figure 12. Product Picture of Bidirectional Thyristor
- Figure 13. Product Picture of Others
- Figure 14. Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Type in 2026
- Figure 15. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Type (2021-2026)
- Figure 16. Semiconductor Silicon Controlled Rectifier Consumed in Motor Control
- Figure 17. Global Semiconductor Silicon Controlled Rectifier Market: Motor Control (2021-2026) & (K Units)
- Figure 18. Semiconductor Silicon Controlled Rectifier Consumed in Light Dimmers
- Figure 19. Global Semiconductor Silicon Controlled Rectifier Market: Light Dimmers (2021-2026) & (K Units)
- Figure 20. Semiconductor Silicon Controlled Rectifier Consumed in Voltage Regulation
- Figure 21. Global Semiconductor Silicon Controlled Rectifier Market: Voltage Regulation (2021-2026) & (K Units)
- Figure 22. Semiconductor Silicon Controlled Rectifier Consumed in Battery Chargers
- Figure 23. Global Semiconductor Silicon Controlled Rectifier Market: Battery Chargers (2021-2026) & (K Units)
- Figure 24. Semiconductor Silicon Controlled Rectifier Consumed in Others

Figure 25. Global Semiconductor Silicon Controlled Rectifier Market: Others (2021-2026) & (K Units)

Figure 26. Global Semiconductor Silicon Controlled Rectifier Sale Market Share by Application (2025)

Figure 27. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Application in 2026

Figure 28. Semiconductor Silicon Controlled Rectifier Sales by Company in 2026 (K Units)

Figure 29. Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Company in 2026

Figure 30. Semiconductor Silicon Controlled Rectifier Revenue by Company in 2026 (\$ millions)

Figure 31. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Company in 2026

Figure 32. Global Semiconductor Silicon Controlled Rectifier Sales Market Share by Geographic Region (2021-2026)

Figure 33. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share by Geographic Region in 2026

Figure 34. Americas Semiconductor Silicon Controlled Rectifier Sales 2021-2026 (K Units)

Figure 35. Americas Semiconductor Silicon Controlled Rectifier Revenue 2021-2026 (\$ millions)

Figure 36. APAC Semiconductor Silicon Controlled Rectifier Sales 2021-2026 (K Units)

Figure 37. APAC Semiconductor Silicon Controlled Rectifier Revenue 2021-2026 (\$ millions)

Figure 38. Europe Semiconductor Silicon Controlled Rectifier Sales 2021-2026 (K Units)

Figure 39. Europe Semiconductor Silicon Controlled Rectifier Revenue 2021-2026 (\$ millions)

Figure 40. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales 2021-2026 (K Units)

Figure 41. Middle East & Africa Semiconductor Silicon Controlled Rectifier Revenue 2021-2026 (\$ millions)

Figure 42. Americas Semiconductor Silicon Controlled Rectifier Sales Market Share by Country in 2026

Figure 43. Americas Semiconductor Silicon Controlled Rectifier Revenue Market Share by Country (2021-2026)

Figure 44. Americas Semiconductor Silicon Controlled Rectifier Sales Market Share by Type (2021-2026)

Figure 45. Americas Semiconductor Silicon Controlled Rectifier Sales Market Share by

Application (2021-2026)

Figure 46. United States Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 47. Canada Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 48. Mexico Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 49. Brazil Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 50. APAC Semiconductor Silicon Controlled Rectifier Sales Market Share by Region in 2026

Figure 51. APAC Semiconductor Silicon Controlled Rectifier Revenue Market Share by Region (2021-2026)

Figure 52. APAC Semiconductor Silicon Controlled Rectifier Sales Market Share by Type (2021-2026)

Figure 53. APAC Semiconductor Silicon Controlled Rectifier Sales Market Share by Application (2021-2026)

Figure 54. China Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 55. Japan Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 56. South Korea Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 57. Southeast Asia Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 58. India Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 59. Australia Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 60. China Taiwan Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 61. Europe Semiconductor Silicon Controlled Rectifier Sales Market Share by Country in 2026

Figure 62. Europe Semiconductor Silicon Controlled Rectifier Revenue Market Share by Country (2021-2026)

Figure 63. Europe Semiconductor Silicon Controlled Rectifier Sales Market Share by Type (2021-2026)

Figure 64. Europe Semiconductor Silicon Controlled Rectifier Sales Market Share by Application (2021-2026)

Figure 65. Germany Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 66. France Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 67. UK Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 68. Italy Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 69. Russia Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 70. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales Market Share by Country (2021-2026)

Figure 71. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales Market Share by Type (2021-2026)

Figure 72. Middle East & Africa Semiconductor Silicon Controlled Rectifier Sales Market Share by Application (2021-2026)

Figure 73. Egypt Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 74. South Africa Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 75. Israel Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 76. Turkey Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 77. GCC Countries Semiconductor Silicon Controlled Rectifier Revenue Growth 2021-2026 (\$ millions)

Figure 78. Manufacturing Cost Structure Analysis of Semiconductor Silicon Controlled Rectifier in 2026

Figure 79. Manufacturing Process Analysis of Semiconductor Silicon Controlled Rectifier

Figure 80. Industry Chain Structure of Semiconductor Silicon Controlled Rectifier

Figure 81. Channels of Distribution

Figure 82. Global Semiconductor Silicon Controlled Rectifier Sales Market Forecast by Region (2027-2032)

Figure 83. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share Forecast by Region (2027-2032)

Figure 84. Global Semiconductor Silicon Controlled Rectifier Sales Market Share Forecast by Type (2027-2032)

Figure 85. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share

Forecast by Type (2027-2032)

Figure 86. Global Semiconductor Silicon Controlled Rectifier Sales Market Share

Forecast by Application (2027-2032)

Figure 87. Global Semiconductor Silicon Controlled Rectifier Revenue Market Share

Forecast by Application (2027-2032)

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