

# Global Power Semiconductor Switches Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview:

Power Semiconductor Switches are the discrete power device. A discrete power device (or discrete component) is an electronic component with just one circuit element, other than an integrated circuit. It is an electronic component widely used in automotive & transportation, industrial, consumer, communication and among others. The power transistors and thyristors are called Power Semiconductor Switches, which include PowerMOSFETs, IGBTs, Bipolar Power Transistors, SCR, GTO etc.

The Global Power Semiconductor Switches Market Size was estimated at USD 7017.81 million in 2023 and is projected to reach USD 9512.53 million by 2029, exhibiting a CAGR of 5.20% during the forecast period.

This report provides a deep insight into the global Power Semiconductor Switches market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Power Semiconductor Switches Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors

and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Power Semiconductor Switches market in any manner.

### Global Power Semiconductor Switches Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

#### Key Company

Infineon Technologies AG

ON Semiconductor

STMicroelectronics N.V.

Toshiba Corporation

Vishay Intertechnology Inc

Fuji Electric

Renesas Electronics

ROHM Semiconductor

Sanken

Nexperia

Mitsubishi Electric Corporation

Microchip Technology

Semikron Inc

IXYS

ABB Ltd.

Market Segmentation (by Type)

Power MOSFETs

IGBTs

Bipolar Power Transistors

Thyristors

Market Segmentation (by Application)

Automotive & Transportation

Industrial & Power

Consumer

Computing & Communications

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

#### Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Power Semiconductor Switches Market

Overview of the regional outlook of the Power Semiconductor Switches Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Power Semiconductor Switches Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Power Semiconductor Switches
- 1.2 Key Market Segments
  - 1.2.1 Power Semiconductor Switches Segment by Type
  - 1.2.2 Power Semiconductor Switches Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 POWER SEMICONDUCTOR SWITCHES MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Power Semiconductor Switches Market Size (M USD) Estimates and Forecasts (2019-2030)
  - 2.1.2 Global Power Semiconductor Switches Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 POWER SEMICONDUCTOR SWITCHES MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global Power Semiconductor Switches Sales by Manufacturers (2019-2024)
- 3.2 Global Power Semiconductor Switches Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Power Semiconductor Switches Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Power Semiconductor Switches Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Power Semiconductor Switches Sales Sites, Area Served, Product Type
- 3.6 Power Semiconductor Switches Market Competitive Situation and Trends
  - 3.6.1 Power Semiconductor Switches Market Concentration Rate
  - 3.6.2 Global 5 and 10 Largest Power Semiconductor Switches Players Market Share



by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 POWER SEMICONDUCTOR SWITCHES INDUSTRY CHAIN ANALYSIS**

4.1 Power Semiconductor Switches Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF POWER SEMICONDUCTOR SWITCHES MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

## **6 POWER SEMICONDUCTOR SWITCHES MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Power Semiconductor Switches Sales Market Share by Type (2019-2024)

6.3 Global Power Semiconductor Switches Market Size Market Share by Type (2019-2024)

6.4 Global Power Semiconductor Switches Price by Type (2019-2024)

## **7 POWER SEMICONDUCTOR SWITCHES MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Power Semiconductor Switches Market Sales by Application (2019-2024)

7.3 Global Power Semiconductor Switches Market Size (M USD) by Application (2019-2024)

## 7.4 Global Power Semiconductor Switches Sales Growth Rate by Application (2019-2024)

# **8 POWER SEMICONDUCTOR SWITCHES MARKET SEGMENTATION BY REGION**

## 8.1 Global Power Semiconductor Switches Sales by Region

### 8.1.1 Global Power Semiconductor Switches Sales by Region

### 8.1.2 Global Power Semiconductor Switches Sales Market Share by Region

## 8.2 North America

### 8.2.1 North America Power Semiconductor Switches Sales by Country

#### 8.2.2 U.S.

#### 8.2.3 Canada

#### 8.2.4 Mexico

## 8.3 Europe

### 8.3.1 Europe Power Semiconductor Switches Sales by Country

#### 8.3.2 Germany

#### 8.3.3 France

#### 8.3.4 U.K.

#### 8.3.5 Italy

#### 8.3.6 Russia

## 8.4 Asia Pacific

### 8.4.1 Asia Pacific Power Semiconductor Switches Sales by Region

#### 8.4.2 China

#### 8.4.3 Japan

#### 8.4.4 South Korea

#### 8.4.5 India

#### 8.4.6 Southeast Asia

## 8.5 South America

### 8.5.1 South America Power Semiconductor Switches Sales by Country

#### 8.5.2 Brazil

#### 8.5.3 Argentina

#### 8.5.4 Columbia

## 8.6 Middle East and Africa

### 8.6.1 Middle East and Africa Power Semiconductor Switches Sales by Region

#### 8.6.2 Saudi Arabia

#### 8.6.3 UAE

#### 8.6.4 Egypt

#### 8.6.5 Nigeria

#### 8.6.6 South Africa

## 9 KEY COMPANIES PROFILE

### 9.1 Infineon Technologies AG

9.1.1 Infineon Technologies AG Power Semiconductor Switches Basic Information

9.1.2 Infineon Technologies AG Power Semiconductor Switches Product Overview

9.1.3 Infineon Technologies AG Power Semiconductor Switches Product Market Performance

9.1.4 Infineon Technologies AG Business Overview

9.1.5 Infineon Technologies AG Power Semiconductor Switches SWOT Analysis

9.1.6 Infineon Technologies AG Recent Developments

### 9.2 ON Semiconductor

9.2.1 ON Semiconductor Power Semiconductor Switches Basic Information

9.2.2 ON Semiconductor Power Semiconductor Switches Product Overview

9.2.3 ON Semiconductor Power Semiconductor Switches Product Market Performance

9.2.4 ON Semiconductor Business Overview

9.2.5 ON Semiconductor Power Semiconductor Switches SWOT Analysis

9.2.6 ON Semiconductor Recent Developments

### 9.3 STMicroelectronics N.V.

9.3.1 STMicroelectronics N.V. Power Semiconductor Switches Basic Information

9.3.2 STMicroelectronics N.V. Power Semiconductor Switches Product Overview

9.3.3 STMicroelectronics N.V. Power Semiconductor Switches Product Market Performance

9.3.4 STMicroelectronics N.V. Power Semiconductor Switches SWOT Analysis

9.3.5 STMicroelectronics N.V. Business Overview

9.3.6 STMicroelectronics N.V. Recent Developments

### 9.4 Toshiba Corporation

9.4.1 Toshiba Corporation Power Semiconductor Switches Basic Information

9.4.2 Toshiba Corporation Power Semiconductor Switches Product Overview

9.4.3 Toshiba Corporation Power Semiconductor Switches Product Market Performance

9.4.4 Toshiba Corporation Business Overview

9.4.5 Toshiba Corporation Recent Developments

### 9.5 Vishay Intertechnology Inc

9.5.1 Vishay Intertechnology Inc Power Semiconductor Switches Basic Information

9.5.2 Vishay Intertechnology Inc Power Semiconductor Switches Product Overview

9.5.3 Vishay Intertechnology Inc Power Semiconductor Switches Product Market Performance

9.5.4 Vishay Intertechnology Inc Business Overview

#### 9.5.5 Vishay Intertechnology Inc Recent Developments

### 9.6 Fuji Electric

#### 9.6.1 Fuji Electric Power Semiconductor Switches Basic Information

#### 9.6.2 Fuji Electric Power Semiconductor Switches Product Overview

#### 9.6.3 Fuji Electric Power Semiconductor Switches Product Market Performance

#### 9.6.4 Fuji Electric Business Overview

#### 9.6.5 Fuji Electric Recent Developments

### 9.7 Renesas Electronics

#### 9.7.1 Renesas Electronics Power Semiconductor Switches Basic Information

#### 9.7.2 Renesas Electronics Power Semiconductor Switches Product Overview

#### 9.7.3 Renesas Electronics Power Semiconductor Switches Product Market

#### Performance

#### 9.7.4 Renesas Electronics Business Overview

#### 9.7.5 Renesas Electronics Recent Developments

### 9.8 ROHM Semiconductor

#### 9.8.1 ROHM Semiconductor Power Semiconductor Switches Basic Information

#### 9.8.2 ROHM Semiconductor Power Semiconductor Switches Product Overview

#### 9.8.3 ROHM Semiconductor Power Semiconductor Switches Product Market

#### Performance

#### 9.8.4 ROHM Semiconductor Business Overview

#### 9.8.5 ROHM Semiconductor Recent Developments

### 9.9 Sanken

#### 9.9.1 Sanken Power Semiconductor Switches Basic Information

#### 9.9.2 Sanken Power Semiconductor Switches Product Overview

#### 9.9.3 Sanken Power Semiconductor Switches Product Market Performance

#### 9.9.4 Sanken Business Overview

#### 9.9.5 Sanken Recent Developments

### 9.10 Nexperia

#### 9.10.1 Nexperia Power Semiconductor Switches Basic Information

#### 9.10.2 Nexperia Power Semiconductor Switches Product Overview

#### 9.10.3 Nexperia Power Semiconductor Switches Product Market Performance

#### 9.10.4 Nexperia Business Overview

#### 9.10.5 Nexperia Recent Developments

### 9.11 Mitsubishi Electric Corporation

#### 9.11.1 Mitsubishi Electric Corporation Power Semiconductor Switches Basic Information

#### 9.11.2 Mitsubishi Electric Corporation Power Semiconductor Switches Product Overview

#### 9.11.3 Mitsubishi Electric Corporation Power Semiconductor Switches Product Market

## Performance

9.11.4 Mitsubishi Electric Corporation Business Overview

9.11.5 Mitsubishi Electric Corporation Recent Developments

## 9.12 Microchip Technology

9.12.1 Microchip Technology Power Semiconductor Switches Basic Information

9.12.2 Microchip Technology Power Semiconductor Switches Product Overview

9.12.3 Microchip Technology Power Semiconductor Switches Product Market

## Performance

9.12.4 Microchip Technology Business Overview

9.12.5 Microchip Technology Recent Developments

## 9.13 Semikron Inc

9.13.1 Semikron Inc Power Semiconductor Switches Basic Information

9.13.2 Semikron Inc Power Semiconductor Switches Product Overview

9.13.3 Semikron Inc Power Semiconductor Switches Product Market Performance

9.13.4 Semikron Inc Business Overview

9.13.5 Semikron Inc Recent Developments

## 9.14 IXYS

9.14.1 IXYS Power Semiconductor Switches Basic Information

9.14.2 IXYS Power Semiconductor Switches Product Overview

9.14.3 IXYS Power Semiconductor Switches Product Market Performance

9.14.4 IXYS Business Overview

9.14.5 IXYS Recent Developments

## 9.15 ABB Ltd.

9.15.1 ABB Ltd. Power Semiconductor Switches Basic Information

9.15.2 ABB Ltd. Power Semiconductor Switches Product Overview

9.15.3 ABB Ltd. Power Semiconductor Switches Product Market Performance

9.15.4 ABB Ltd. Business Overview

9.15.5 ABB Ltd. Recent Developments

## **10 POWER SEMICONDUCTOR SWITCHES MARKET FORECAST BY REGION**

10.1 Global Power Semiconductor Switches Market Size Forecast

10.2 Global Power Semiconductor Switches Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Power Semiconductor Switches Market Size Forecast by Country

10.2.3 Asia Pacific Power Semiconductor Switches Market Size Forecast by Region

10.2.4 South America Power Semiconductor Switches Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Power Semiconductor

Switches by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

11.1 Global Power Semiconductor Switches Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Power Semiconductor Switches by Type (2025-2030)

11.1.2 Global Power Semiconductor Switches Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Power Semiconductor Switches by Type (2025-2030)

11.2 Global Power Semiconductor Switches Market Forecast by Application (2025-2030)

11.2.1 Global Power Semiconductor Switches Sales (K Units) Forecast by Application

11.2.2 Global Power Semiconductor Switches Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Power Semiconductor Switches Market Size Comparison by Region (M USD)

Table 5. Global Power Semiconductor Switches Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Power Semiconductor Switches Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Power Semiconductor Switches Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Power Semiconductor Switches Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Power Semiconductor Switches as of 2022)

Table 10. Global Market Power Semiconductor Switches Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Power Semiconductor Switches Sales Sites and Area Served

Table 12. Manufacturers Power Semiconductor Switches Product Type

Table 13. Global Power Semiconductor Switches Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Power Semiconductor Switches

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Power Semiconductor Switches Market Challenges

Table 22. Global Power Semiconductor Switches Sales by Type (K Units)

Table 23. Global Power Semiconductor Switches Market Size by Type (M USD)

Table 24. Global Power Semiconductor Switches Sales (K Units) by Type (2019-2024)

Table 25. Global Power Semiconductor Switches Sales Market Share by Type (2019-2024)

Table 26. Global Power Semiconductor Switches Market Size (M USD) by Type (2019-2024)



- Table 27. Global Power Semiconductor Switches Market Size Share by Type (2019-2024)
- Table 28. Global Power Semiconductor Switches Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Power Semiconductor Switches Sales (K Units) by Application
- Table 30. Global Power Semiconductor Switches Market Size by Application
- Table 31. Global Power Semiconductor Switches Sales by Application (2019-2024) & (K Units)
- Table 32. Global Power Semiconductor Switches Sales Market Share by Application (2019-2024)
- Table 33. Global Power Semiconductor Switches Sales by Application (2019-2024) & (M USD)
- Table 34. Global Power Semiconductor Switches Market Share by Application (2019-2024)
- Table 35. Global Power Semiconductor Switches Sales Growth Rate by Application (2019-2024)
- Table 36. Global Power Semiconductor Switches Sales by Region (2019-2024) & (K Units)
- Table 37. Global Power Semiconductor Switches Sales Market Share by Region (2019-2024)
- Table 38. North America Power Semiconductor Switches Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Power Semiconductor Switches Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Power Semiconductor Switches Sales by Region (2019-2024) & (K Units)
- Table 41. South America Power Semiconductor Switches Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Power Semiconductor Switches Sales by Region (2019-2024) & (K Units)
- Table 43. Infineon Technologies AG Power Semiconductor Switches Basic Information
- Table 44. Infineon Technologies AG Power Semiconductor Switches Product Overview
- Table 45. Infineon Technologies AG Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Infineon Technologies AG Business Overview
- Table 47. Infineon Technologies AG Power Semiconductor Switches SWOT Analysis
- Table 48. Infineon Technologies AG Recent Developments
- Table 49. ON Semiconductor Power Semiconductor Switches Basic Information
- Table 50. ON Semiconductor Power Semiconductor Switches Product Overview
- Table 51. ON Semiconductor Power Semiconductor Switches Sales (K Units), Revenue



(M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. ON Semiconductor Business Overview

Table 53. ON Semiconductor Power Semiconductor Switches SWOT Analysis

Table 54. ON Semiconductor Recent Developments

Table 55. STMicroelectronics N.V. Power Semiconductor Switches Basic Information

Table 56. STMicroelectronics N.V. Power Semiconductor Switches Product Overview

Table 57. STMicroelectronics N.V. Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. STMicroelectronics N.V. Power Semiconductor Switches SWOT Analysis

Table 59. STMicroelectronics N.V. Business Overview

Table 60. STMicroelectronics N.V. Recent Developments

Table 61. Toshiba Corporation Power Semiconductor Switches Basic Information

Table 62. Toshiba Corporation Power Semiconductor Switches Product Overview

Table 63. Toshiba Corporation Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Toshiba Corporation Business Overview

Table 65. Toshiba Corporation Recent Developments

Table 66. Vishay Intertechnology Inc Power Semiconductor Switches Basic Information

Table 67. Vishay Intertechnology Inc Power Semiconductor Switches Product Overview

Table 68. Vishay Intertechnology Inc Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Vishay Intertechnology Inc Business Overview

Table 70. Vishay Intertechnology Inc Recent Developments

Table 71. Fuji Electric Power Semiconductor Switches Basic Information

Table 72. Fuji Electric Power Semiconductor Switches Product Overview

Table 73. Fuji Electric Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Fuji Electric Business Overview

Table 75. Fuji Electric Recent Developments

Table 76. Renesas Electronics Power Semiconductor Switches Basic Information

Table 77. Renesas Electronics Power Semiconductor Switches Product Overview

Table 78. Renesas Electronics Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Renesas Electronics Business Overview

Table 80. Renesas Electronics Recent Developments

Table 81. ROHM Semiconductor Power Semiconductor Switches Basic Information

Table 82. ROHM Semiconductor Power Semiconductor Switches Product Overview

Table 83. ROHM Semiconductor Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 84. ROHM Semiconductor Business Overview
- Table 85. ROHM Semiconductor Recent Developments
- Table 86. Sanken Power Semiconductor Switches Basic Information
- Table 87. Sanken Power Semiconductor Switches Product Overview
- Table 88. Sanken Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Sanken Business Overview
- Table 90. Sanken Recent Developments
- Table 91. Nexperia Power Semiconductor Switches Basic Information
- Table 92. Nexperia Power Semiconductor Switches Product Overview
- Table 93. Nexperia Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Nexperia Business Overview
- Table 95. Nexperia Recent Developments
- Table 96. Mitsubishi Electric Corporation Power Semiconductor Switches Basic Information
- Table 97. Mitsubishi Electric Corporation Power Semiconductor Switches Product Overview
- Table 98. Mitsubishi Electric Corporation Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Mitsubishi Electric Corporation Business Overview
- Table 100. Mitsubishi Electric Corporation Recent Developments
- Table 101. Microchip Technology Power Semiconductor Switches Basic Information
- Table 102. Microchip Technology Power Semiconductor Switches Product Overview
- Table 103. Microchip Technology Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Microchip Technology Business Overview
- Table 105. Microchip Technology Recent Developments
- Table 106. Semikron Inc Power Semiconductor Switches Basic Information
- Table 107. Semikron Inc Power Semiconductor Switches Product Overview
- Table 108. Semikron Inc Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. Semikron Inc Business Overview
- Table 110. Semikron Inc Recent Developments
- Table 111. IXYS Power Semiconductor Switches Basic Information
- Table 112. IXYS Power Semiconductor Switches Product Overview
- Table 113. IXYS Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. IXYS Business Overview

- Table 115. IXYS Recent Developments
- Table 116. ABB Ltd. Power Semiconductor Switches Basic Information
- Table 117. ABB Ltd. Power Semiconductor Switches Product Overview
- Table 118. ABB Ltd. Power Semiconductor Switches Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 119. ABB Ltd. Business Overview
- Table 120. ABB Ltd. Recent Developments
- Table 121. Global Power Semiconductor Switches Sales Forecast by Region (2025-2030) & (K Units)
- Table 122. Global Power Semiconductor Switches Market Size Forecast by Region (2025-2030) & (M USD)
- Table 123. North America Power Semiconductor Switches Sales Forecast by Country (2025-2030) & (K Units)
- Table 124. North America Power Semiconductor Switches Market Size Forecast by Country (2025-2030) & (M USD)
- Table 125. Europe Power Semiconductor Switches Sales Forecast by Country (2025-2030) & (K Units)
- Table 126. Europe Power Semiconductor Switches Market Size Forecast by Country (2025-2030) & (M USD)
- Table 127. Asia Pacific Power Semiconductor Switches Sales Forecast by Region (2025-2030) & (K Units)
- Table 128. Asia Pacific Power Semiconductor Switches Market Size Forecast by Region (2025-2030) & (M USD)
- Table 129. South America Power Semiconductor Switches Sales Forecast by Country (2025-2030) & (K Units)
- Table 130. South America Power Semiconductor Switches Market Size Forecast by Country (2025-2030) & (M USD)
- Table 131. Middle East and Africa Power Semiconductor Switches Consumption Forecast by Country (2025-2030) & (Units)
- Table 132. Middle East and Africa Power Semiconductor Switches Market Size Forecast by Country (2025-2030) & (M USD)
- Table 133. Global Power Semiconductor Switches Sales Forecast by Type (2025-2030) & (K Units)
- Table 134. Global Power Semiconductor Switches Market Size Forecast by Type (2025-2030) & (M USD)
- Table 135. Global Power Semiconductor Switches Price Forecast by Type (2025-2030) & (USD/Unit)
- Table 136. Global Power Semiconductor Switches Sales (K Units) Forecast by Application (2025-2030)

Table 137. Global Power Semiconductor Switches Market Size Forecast by Application  
(2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Power Semiconductor Switches

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Power Semiconductor Switches Market Size (M USD), 2019-2030

Figure 5. Global Power Semiconductor Switches Market Size (M USD) (2019-2030)

Figure 6. Global Power Semiconductor Switches Sales (K Units) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Power Semiconductor Switches Market Size by Country (M USD)

Figure 11. Power Semiconductor Switches Sales Share by Manufacturers in 2023

Figure 12. Global Power Semiconductor Switches Revenue Share by Manufacturers in 2023

Figure 13. Power Semiconductor Switches Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Power Semiconductor Switches Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Power Semiconductor Switches Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Power Semiconductor Switches Market Share by Type

Figure 18. Sales Market Share of Power Semiconductor Switches by Type (2019-2024)

Figure 19. Sales Market Share of Power Semiconductor Switches by Type in 2023

Figure 20. Market Size Share of Power Semiconductor Switches by Type (2019-2024)

Figure 21. Market Size Market Share of Power Semiconductor Switches by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Power Semiconductor Switches Market Share by Application

Figure 24. Global Power Semiconductor Switches Sales Market Share by Application (2019-2024)

Figure 25. Global Power Semiconductor Switches Sales Market Share by Application in 2023

Figure 26. Global Power Semiconductor Switches Market Share by Application (2019-2024)

Figure 27. Global Power Semiconductor Switches Market Share by Application in 2023

Figure 28. Global Power Semiconductor Switches Sales Growth Rate by Application (2019-2024)

Figure 29. Global Power Semiconductor Switches Sales Market Share by Region (2019-2024)

Figure 30. North America Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Power Semiconductor Switches Sales Market Share by Country in 2023

Figure 32. U.S. Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Power Semiconductor Switches Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Power Semiconductor Switches Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Power Semiconductor Switches Sales Market Share by Country in 2023

Figure 37. Germany Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Power Semiconductor Switches Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Power Semiconductor Switches Sales Market Share by Region in 2023

Figure 44. China Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Power Semiconductor Switches Sales and Growth Rate (2019-2024) &



(K Units)

Figure 48. Southeast Asia Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Power Semiconductor Switches Sales and Growth Rate (K Units)

Figure 50. South America Power Semiconductor Switches Sales Market Share by Country in 2023

Figure 51. Brazil Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Power Semiconductor Switches Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Power Semiconductor Switches Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Power Semiconductor Switches Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Power Semiconductor Switches Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Power Semiconductor Switches Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Power Semiconductor Switches Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Power Semiconductor Switches Market Share Forecast by Type (2025-2030)

Figure 65. Global Power Semiconductor Switches Sales Forecast by Application (2025-2030)

Figure 66. Global Power Semiconductor Switches Market Share Forecast by Application (2025-2030)

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