

Global Power Transistors and Thyristors Devices Market Growth 2025-2031

<https://marketpublishers.com/r/G19388CC5D4CEN.html>

Date: June 2026

Pages: 127

Price: US\$ 3,660.00 (Single User License)

ID: G19388CC5D4CEN

Abstracts

The global Power Transistors and Thyristors Devices market size is predicted to grow from US\$ 11560 million in 2025 to US\$ 16130 million in 2031; it is expected to grow at a CAGR of 5.7% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

United States market for Power Transistors and Thyristors Devices is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Power Transistors and Thyristors Devices is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Power Transistors and Thyristors Devices is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Power Transistors and Thyristors Devices players cover STMicroelectronics, WeEn Semiconductors, JieJie Microelectronics, Infineon, Onsemi, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Power Transistors and Thyristors Devices Industry Forecast" looks at past sales and reviews total world Power

Transistors and Thyristors Devices sales in 2024, providing a comprehensive analysis by region and market sector of projected Power Transistors and Thyristors Devices sales for 2025 through 2031. With Power Transistors and Thyristors Devices sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Power Transistors and Thyristors Devices industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Power Transistors and Thyristors Devices 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 Power Transistors and Thyristors Devices.

This report presents a comprehensive overview, market shares, and growth opportunities of Power Transistors and Thyristors Devices market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

PowerMOSFETs

IGBTs

Bipolar Power Transistors

Thyristors

Segmentation by Application:

Automotive & Transportation

Industrial & Power

Consumer

Computing & Communications

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.

STMicroelectronics

WeEn Semiconductors

JieJie Microelectronics

Infineon

Onsemi

Mitsubishi Electric

Vishay

Renesas Electronics

Littelfuse

Fuji Electric

Toshiba

SINO-Microelectronics

Semikron

Sanken

ABB

SanRex

Key Questions Addressed in this Report

What is the 10-year outlook for the global Power Transistors and Thyristors Devices market?

What factors are driving Power Transistors and Thyristors Devices market growth, globally and by region?

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

How do Power Transistors and Thyristors Devices market opportunities vary by end market size?

How does Power Transistors and Thyristors Devices 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 Power Transistors and Thyristors Devices Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Power Transistors and Thyristors Devices by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Power Transistors and Thyristors Devices by Country/Region, 2020, 2024 & 2031
- 2.2 Power Transistors and Thyristors Devices Segment by Type
 - 2.2.1 PowerMOSFETs
 - 2.2.2 IGBTs
 - 2.2.3 Bipolar Power Transistors
 - 2.2.4 Thyristors
- 2.3 Power Transistors and Thyristors Devices Sales by Type
 - 2.3.1 Global Power Transistors and Thyristors Devices Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Power Transistors and Thyristors Devices Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Power Transistors and Thyristors Devices Sale Price by Type (2020-2025)
- 2.4 Power Transistors and Thyristors Devices Segment by Application
 - 2.4.1 Automotive & Transportation
 - 2.4.2 Industrial & Power
 - 2.4.3 Consumer
 - 2.4.4 Computing & Communications
 - 2.4.5 Others

2.5 Power Transistors and Thyristors Devices Sales by Application

2.5.1 Global Power Transistors and Thyristors Devices Sale Market Share by Application (2020-2025)

2.5.2 Global Power Transistors and Thyristors Devices Revenue and Market Share by Application (2020-2025)

2.5.3 Global Power Transistors and Thyristors Devices Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Power Transistors and Thyristors Devices Breakdown Data by Company

3.1.1 Global Power Transistors and Thyristors Devices Annual Sales by Company (2020-2025)

3.1.2 Global Power Transistors and Thyristors Devices Sales Market Share by Company (2020-2025)

3.2 Global Power Transistors and Thyristors Devices Annual Revenue by Company (2020-2025)

3.2.1 Global Power Transistors and Thyristors Devices Revenue by Company (2020-2025)

3.2.2 Global Power Transistors and Thyristors Devices Revenue Market Share by Company (2020-2025)

3.3 Global Power Transistors and Thyristors Devices Sale Price by Company

3.4 Key Manufacturers Power Transistors and Thyristors Devices Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Power Transistors and Thyristors Devices Product Location Distribution

3.4.2 Players Power Transistors and Thyristors Devices Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR POWER TRANSISTORS AND THYRISTORS DEVICES BY GEOGRAPHIC REGION

4.1 World Historic Power Transistors and Thyristors Devices Market Size by Geographic Region (2020-2025)

4.1.1 Global Power Transistors and Thyristors Devices Annual Sales by Geographic

Region (2020-2025)

4.1.2 Global Power Transistors and Thyristors Devices Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Power Transistors and Thyristors Devices Market Size by Country/Region (2020-2025)

4.2.1 Global Power Transistors and Thyristors Devices Annual Sales by Country/Region (2020-2025)

4.2.2 Global Power Transistors and Thyristors Devices Annual Revenue by Country/Region (2020-2025)

4.3 Americas Power Transistors and Thyristors Devices Sales Growth

4.4 APAC Power Transistors and Thyristors Devices Sales Growth

4.5 Europe Power Transistors and Thyristors Devices Sales Growth

4.6 Middle East & Africa Power Transistors and Thyristors Devices Sales Growth

5 AMERICAS

5.1 Americas Power Transistors and Thyristors Devices Sales by Country

5.1.1 Americas Power Transistors and Thyristors Devices Sales by Country (2020-2025)

5.1.2 Americas Power Transistors and Thyristors Devices Revenue by Country (2020-2025)

5.2 Americas Power Transistors and Thyristors Devices Sales by Type (2020-2025)

5.3 Americas Power Transistors and Thyristors Devices Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Power Transistors and Thyristors Devices Sales by Region

6.1.1 APAC Power Transistors and Thyristors Devices Sales by Region (2020-2025)

6.1.2 APAC Power Transistors and Thyristors Devices Revenue by Region (2020-2025)

6.2 APAC Power Transistors and Thyristors Devices Sales by Type (2020-2025)

6.3 APAC Power Transistors and Thyristors Devices Sales by Application (2020-2025)

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 Power Transistors and Thyristors Devices by Country
 - 7.1.1 Europe Power Transistors and Thyristors Devices Sales by Country (2020-2025)
 - 7.1.2 Europe Power Transistors and Thyristors Devices Revenue by Country (2020-2025)
- 7.2 Europe Power Transistors and Thyristors Devices Sales by Type (2020-2025)
- 7.3 Europe Power Transistors and Thyristors Devices Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Power Transistors and Thyristors Devices by Country
 - 8.1.1 Middle East & Africa Power Transistors and Thyristors Devices Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Power Transistors and Thyristors Devices Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Power Transistors and Thyristors Devices Sales by Type (2020-2025)
- 8.3 Middle East & Africa Power Transistors and Thyristors Devices Sales by Application (2020-2025)
- 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 Power Transistors and Thyristors Devices
- 10.3 Manufacturing Process Analysis of Power Transistors and Thyristors Devices
- 10.4 Industry Chain Structure of Power Transistors and Thyristors Devices

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Power Transistors and Thyristors Devices Distributors
- 11.3 Power Transistors and Thyristors Devices Customer

12 WORLD FORECAST REVIEW FOR POWER TRANSISTORS AND THYRISTORS DEVICES BY GEOGRAPHIC REGION

- 12.1 Global Power Transistors and Thyristors Devices Market Size Forecast by Region
 - 12.1.1 Global Power Transistors and Thyristors Devices Forecast by Region (2026-2031)
 - 12.1.2 Global Power Transistors and Thyristors Devices Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Power Transistors and Thyristors Devices Forecast by Type (2026-2031)
- 12.7 Global Power Transistors and Thyristors Devices Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 STMicroelectronics

- 13.1.1 STMicroelectronics Company Information
- 13.1.2 STMicroelectronics Power Transistors and Thyristors Devices Product Portfolios and Specifications
- 13.1.3 STMicroelectronics Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.1.4 STMicroelectronics Main Business Overview
- 13.1.5 STMicroelectronics Latest Developments
- 13.2 WeEn Semiconductors
 - 13.2.1 WeEn Semiconductors Company Information
 - 13.2.2 WeEn Semiconductors Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.2.3 WeEn Semiconductors Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 WeEn Semiconductors Main Business Overview
 - 13.2.5 WeEn Semiconductors Latest Developments
- 13.3 JieJie Microelectronics
 - 13.3.1 JieJie Microelectronics Company Information
 - 13.3.2 JieJie Microelectronics Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.3.3 JieJie Microelectronics Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.3.4 JieJie Microelectronics Main Business Overview
 - 13.3.5 JieJie Microelectronics Latest Developments
- 13.4 Infineon
 - 13.4.1 Infineon Company Information
 - 13.4.2 Infineon Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.4.3 Infineon Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.4.4 Infineon Main Business Overview
 - 13.4.5 Infineon Latest Developments
- 13.5 Onsemi
 - 13.5.1 Onsemi Company Information
 - 13.5.2 Onsemi Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.5.3 Onsemi Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 Onsemi Main Business Overview
 - 13.5.5 Onsemi Latest Developments

13.6 Mitsubishi Electric

13.6.1 Mitsubishi Electric Company Information

13.6.2 Mitsubishi Electric Power Transistors and Thyristors Devices Product Portfolios and Specifications

13.6.3 Mitsubishi Electric Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Mitsubishi Electric Main Business Overview

13.6.5 Mitsubishi Electric Latest Developments

13.7 Vishay

13.7.1 Vishay Company Information

13.7.2 Vishay Power Transistors and Thyristors Devices Product Portfolios and Specifications

13.7.3 Vishay Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Vishay Main Business Overview

13.7.5 Vishay Latest Developments

13.8 Renesas Electronics

13.8.1 Renesas Electronics Company Information

13.8.2 Renesas Electronics Power Transistors and Thyristors Devices Product Portfolios and Specifications

13.8.3 Renesas Electronics Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Renesas Electronics Main Business Overview

13.8.5 Renesas Electronics Latest Developments

13.9 Littelfuse

13.9.1 Littelfuse Company Information

13.9.2 Littelfuse Power Transistors and Thyristors Devices Product Portfolios and Specifications

13.9.3 Littelfuse Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Littelfuse Main Business Overview

13.9.5 Littelfuse Latest Developments

13.10 Fuji Electric

13.10.1 Fuji Electric Company Information

13.10.2 Fuji Electric Power Transistors and Thyristors Devices Product Portfolios and Specifications

13.10.3 Fuji Electric Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Fuji Electric Main Business Overview

- 13.10.5 Fuji Electric Latest Developments
- 13.11 Toshiba
 - 13.11.1 Toshiba Company Information
 - 13.11.2 Toshiba Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.11.3 Toshiba Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Toshiba Main Business Overview
 - 13.11.5 Toshiba Latest Developments
- 13.12 SINO-Microelectronics
 - 13.12.1 SINO-Microelectronics Company Information
 - 13.12.2 SINO-Microelectronics Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.12.3 SINO-Microelectronics Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 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 Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.13.3 Semikron Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 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 Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.14.3 Sanken Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)
 - 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 Power Transistors and Thyristors Devices Product Portfolios and Specifications
 - 13.15.3 ABB Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)

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 Power Transistors and Thyristors Devices Product Portfolios and Specifications

13.16.3 SanRex Power Transistors and Thyristors Devices Sales, Revenue, Price and Gross Margin (2020-2025)

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. Power Transistors and Thyristors Devices Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Power Transistors and Thyristors Devices Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of PowerMOSFETs
- Table 4. Major Players of IGBTs
- Table 5. Major Players of Bipolar Power Transistors
- Table 6. Major Players of Thyristors
- Table 7. Global Power Transistors and Thyristors Devices Sales by Type (2020-2025) & (Million Units)
- Table 8. Global Power Transistors and Thyristors Devices Sales Market Share by Type (2020-2025)
- Table 9. Global Power Transistors and Thyristors Devices Revenue by Type (2020-2025) & (\$ million)
- Table 10. Global Power Transistors and Thyristors Devices Revenue Market Share by Type (2020-2025)
- Table 11. Global Power Transistors and Thyristors Devices Sale Price by Type (2020-2025) & (USD/Unit)
- Table 12. Global Power Transistors and Thyristors Devices Sale by Application (2020-2025) & (Million Units)
- Table 13. Global Power Transistors and Thyristors Devices Sale Market Share by Application (2020-2025)
- Table 14. Global Power Transistors and Thyristors Devices Revenue by Application (2020-2025) & (\$ million)
- Table 15. Global Power Transistors and Thyristors Devices Revenue Market Share by Application (2020-2025)
- Table 16. Global Power Transistors and Thyristors Devices Sale Price by Application (2020-2025) & (USD/Unit)
- Table 17. Global Power Transistors and Thyristors Devices Sales by Company (2020-2025) & (Million Units)
- Table 18. Global Power Transistors and Thyristors Devices Sales Market Share by Company (2020-2025)
- Table 19. Global Power Transistors and Thyristors Devices Revenue by Company (2020-2025) & (\$ millions)
- Table 20. Global Power Transistors and Thyristors Devices Revenue Market Share by

Company (2020-2025)

Table 21. Global Power Transistors and Thyristors Devices Sale Price by Company (2020-2025) & (USD/Unit)

Table 22. Key Manufacturers Power Transistors and Thyristors Devices Producing Area Distribution and Sales Area

Table 23. Players Power Transistors and Thyristors Devices Products Offered

Table 24. Power Transistors and Thyristors Devices Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Power Transistors and Thyristors Devices Sales by Geographic Region (2020-2025) & (Million Units)

Table 28. Global Power Transistors and Thyristors Devices Sales Market Share Geographic Region (2020-2025)

Table 29. Global Power Transistors and Thyristors Devices Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 30. Global Power Transistors and Thyristors Devices Revenue Market Share by Geographic Region (2020-2025)

Table 31. Global Power Transistors and Thyristors Devices Sales by Country/Region (2020-2025) & (Million Units)

Table 32. Global Power Transistors and Thyristors Devices Sales Market Share by Country/Region (2020-2025)

Table 33. Global Power Transistors and Thyristors Devices Revenue by Country/Region (2020-2025) & (\$ millions)

Table 34. Global Power Transistors and Thyristors Devices Revenue Market Share by Country/Region (2020-2025)

Table 35. Americas Power Transistors and Thyristors Devices Sales by Country (2020-2025) & (Million Units)

Table 36. Americas Power Transistors and Thyristors Devices Sales Market Share by Country (2020-2025)

Table 37. Americas Power Transistors and Thyristors Devices Revenue by Country (2020-2025) & (\$ millions)

Table 38. Americas Power Transistors and Thyristors Devices Sales by Type (2020-2025) & (Million Units)

Table 39. Americas Power Transistors and Thyristors Devices Sales by Application (2020-2025) & (Million Units)

Table 40. APAC Power Transistors and Thyristors Devices Sales by Region (2020-2025) & (Million Units)

Table 41. APAC Power Transistors and Thyristors Devices Sales Market Share by

Region (2020-2025)

Table 42. APAC Power Transistors and Thyristors Devices Revenue by Region (2020-2025) & (\$ millions)

Table 43. APAC Power Transistors and Thyristors Devices Sales by Type (2020-2025) & (Million Units)

Table 44. APAC Power Transistors and Thyristors Devices Sales by Application (2020-2025) & (Million Units)

Table 45. Europe Power Transistors and Thyristors Devices Sales by Country (2020-2025) & (Million Units)

Table 46. Europe Power Transistors and Thyristors Devices Revenue by Country (2020-2025) & (\$ millions)

Table 47. Europe Power Transistors and Thyristors Devices Sales by Type (2020-2025) & (Million Units)

Table 48. Europe Power Transistors and Thyristors Devices Sales by Application (2020-2025) & (Million Units)

Table 49. Middle East & Africa Power Transistors and Thyristors Devices Sales by Country (2020-2025) & (Million Units)

Table 50. Middle East & Africa Power Transistors and Thyristors Devices Revenue Market Share by Country (2020-2025)

Table 51. Middle East & Africa Power Transistors and Thyristors Devices Sales by Type (2020-2025) & (Million Units)

Table 52. Middle East & Africa Power Transistors and Thyristors Devices Sales by Application (2020-2025) & (Million Units)

Table 53. Key Market Drivers & Growth Opportunities of Power Transistors and Thyristors Devices

Table 54. Key Market Challenges & Risks of Power Transistors and Thyristors Devices

Table 55. Key Industry Trends of Power Transistors and Thyristors Devices

Table 56. Power Transistors and Thyristors Devices Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Power Transistors and Thyristors Devices Distributors List

Table 59. Power Transistors and Thyristors Devices Customer List

Table 60. Global Power Transistors and Thyristors Devices Sales Forecast by Region (2026-2031) & (Million Units)

Table 61. Global Power Transistors and Thyristors Devices Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 62. Americas Power Transistors and Thyristors Devices Sales Forecast by Country (2026-2031) & (Million Units)

Table 63. Americas Power Transistors and Thyristors Devices Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 64. APAC Power Transistors and Thyristors Devices Sales Forecast by Region (2026-2031) & (Million Units)

Table 65. APAC Power Transistors and Thyristors Devices Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 66. Europe Power Transistors and Thyristors Devices Sales Forecast by Country (2026-2031) & (Million Units)

Table 67. Europe Power Transistors and Thyristors Devices Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Middle East & Africa Power Transistors and Thyristors Devices Sales Forecast by Country (2026-2031) & (Million Units)

Table 69. Middle East & Africa Power Transistors and Thyristors Devices Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 70. Global Power Transistors and Thyristors Devices Sales Forecast by Type (2026-2031) & (Million Units)

Table 71. Global Power Transistors and Thyristors Devices Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 72. Global Power Transistors and Thyristors Devices Sales Forecast by Application (2026-2031) & (Million Units)

Table 73. Global Power Transistors and Thyristors Devices Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 74. STMicroelectronics Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 75. STMicroelectronics Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 76. STMicroelectronics Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. STMicroelectronics Main Business

Table 78. STMicroelectronics Latest Developments

Table 79. WeEn Semiconductors Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 80. WeEn Semiconductors Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 81. WeEn Semiconductors Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 82. WeEn Semiconductors Main Business

Table 83. WeEn Semiconductors Latest Developments

Table 84. JieJie Microelectronics Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 85. JieJie Microelectronics Power Transistors and Thyristors Devices Product

Portfolios and Specifications

Table 86. JieJie Microelectronics Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 87. JieJie Microelectronics Main Business

Table 88. JieJie Microelectronics Latest Developments

Table 89. Infineon Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 90. Infineon Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 91. Infineon Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 92. Infineon Main Business

Table 93. Infineon Latest Developments

Table 94. Onsemi Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 95. Onsemi Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 96. Onsemi Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 97. Onsemi Main Business

Table 98. Onsemi Latest Developments

Table 99. Mitsubishi Electric Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 100. Mitsubishi Electric Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 101. Mitsubishi Electric Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 102. Mitsubishi Electric Main Business

Table 103. Mitsubishi Electric Latest Developments

Table 104. Vishay Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 105. Vishay Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 106. Vishay Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 107. Vishay Main Business

Table 108. Vishay Latest Developments

Table 109. Renesas Electronics Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 110. Renesas Electronics Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 111. Renesas Electronics Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 112. Renesas Electronics Main Business

Table 113. Renesas Electronics Latest Developments

Table 114. Littelfuse Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 115. Littelfuse Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 116. Littelfuse Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 117. Littelfuse Main Business

Table 118. Littelfuse Latest Developments

Table 119. Fuji Electric Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 120. Fuji Electric Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 121. Fuji Electric Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 122. Fuji Electric Main Business

Table 123. Fuji Electric Latest Developments

Table 124. Toshiba Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 125. Toshiba Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 126. Toshiba Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 127. Toshiba Main Business

Table 128. Toshiba Latest Developments

Table 129. SINO-Microelectronics Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 130. SINO-Microelectronics Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 131. SINO-Microelectronics Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 132. SINO-Microelectronics Main Business

Table 133. SINO-Microelectronics Latest Developments

Table 134. Semikron Basic Information, Power Transistors and Thyristors Devices

Manufacturing Base, Sales Area and Its Competitors

Table 135. Semikron Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 136. Semikron Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 137. Semikron Main Business

Table 138. Semikron Latest Developments

Table 139. Sanken Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 140. Sanken Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 141. Sanken Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 142. Sanken Main Business

Table 143. Sanken Latest Developments

Table 144. ABB Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 145. ABB Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 146. ABB Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 147. ABB Main Business

Table 148. ABB Latest Developments

Table 149. SanRex Basic Information, Power Transistors and Thyristors Devices Manufacturing Base, Sales Area and Its Competitors

Table 150. SanRex Power Transistors and Thyristors Devices Product Portfolios and Specifications

Table 151. SanRex Power Transistors and Thyristors Devices Sales (Million Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 152. SanRex Main Business

Table 153. SanRex Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Power Transistors and Thyristors Devices

Figure 2. Power Transistors and Thyristors Devices Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Power Transistors and Thyristors Devices Sales Growth Rate 2020-2031 (Million Units)

Figure 7. Global Power Transistors and Thyristors Devices Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Power Transistors and Thyristors Devices Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Power Transistors and Thyristors Devices Sales Market Share by Country/Region (2024)

Figure 10. Power Transistors and Thyristors Devices Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of PowerMOSFETs

Figure 12. Product Picture of IGBTs

Figure 13. Product Picture of Bipolar Power Transistors

Figure 14. Product Picture of Thyristors

Figure 15. Global Power Transistors and Thyristors Devices Sales Market Share by Type in 2025

Figure 16. Global Power Transistors and Thyristors Devices Revenue Market Share by Type (2020-2025)

Figure 17. Power Transistors and Thyristors Devices Consumed in Automotive & Transportation

Figure 18. Global Power Transistors and Thyristors Devices Market: Automotive & Transportation (2020-2025) & (Million Units)

Figure 19. Power Transistors and Thyristors Devices Consumed in Industrial & Power

Figure 20. Global Power Transistors and Thyristors Devices Market: Industrial & Power (2020-2025) & (Million Units)

Figure 21. Power Transistors and Thyristors Devices Consumed in Consumer

Figure 22. Global Power Transistors and Thyristors Devices Market: Consumer (2020-2025) & (Million Units)

Figure 23. Power Transistors and Thyristors Devices Consumed in Computing & Communications

Figure 24. Global Power Transistors and Thyristors Devices Market: Computing & Communications (2020-2025) & (Million Units)

Figure 25. Power Transistors and Thyristors Devices Consumed in Others

Figure 26. Global Power Transistors and Thyristors Devices Market: Others (2020-2025) & (Million Units)

Figure 27. Global Power Transistors and Thyristors Devices Sale Market Share by Application (2024)

Figure 28. Global Power Transistors and Thyristors Devices Revenue Market Share by Application in 2025

Figure 29. Power Transistors and Thyristors Devices Sales by Company in 2025 (Million Units)

Figure 30. Global Power Transistors and Thyristors Devices Sales Market Share by Company in 2025

Figure 31. Power Transistors and Thyristors Devices Revenue by Company in 2025 (\$ millions)

Figure 32. Global Power Transistors and Thyristors Devices Revenue Market Share by Company in 2025

Figure 33. Global Power Transistors and Thyristors Devices Sales Market Share by Geographic Region (2020-2025)

Figure 34. Global Power Transistors and Thyristors Devices Revenue Market Share by Geographic Region in 2025

Figure 35. Americas Power Transistors and Thyristors Devices Sales 2020-2025 (Million Units)

Figure 36. Americas Power Transistors and Thyristors Devices Revenue 2020-2025 (\$ millions)

Figure 37. APAC Power Transistors and Thyristors Devices Sales 2020-2025 (Million Units)

Figure 38. APAC Power Transistors and Thyristors Devices Revenue 2020-2025 (\$ millions)

Figure 39. Europe Power Transistors and Thyristors Devices Sales 2020-2025 (Million Units)

Figure 40. Europe Power Transistors and Thyristors Devices Revenue 2020-2025 (\$ millions)

Figure 41. Middle East & Africa Power Transistors and Thyristors Devices Sales 2020-2025 (Million Units)

Figure 42. Middle East & Africa Power Transistors and Thyristors Devices Revenue 2020-2025 (\$ millions)

Figure 43. Americas Power Transistors and Thyristors Devices Sales Market Share by Country in 2025

Figure 44. Americas Power Transistors and Thyristors Devices Revenue Market Share by Country (2020-2025)

Figure 45. Americas Power Transistors and Thyristors Devices Sales Market Share by Type (2020-2025)

Figure 46. Americas Power Transistors and Thyristors Devices Sales Market Share by Application (2020-2025)

Figure 47. United States Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 48. Canada Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 49. Mexico Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 50. Brazil Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 51. APAC Power Transistors and Thyristors Devices Sales Market Share by Region in 2025

Figure 52. APAC Power Transistors and Thyristors Devices Revenue Market Share by Region (2020-2025)

Figure 53. APAC Power Transistors and Thyristors Devices Sales Market Share by Type (2020-2025)

Figure 54. APAC Power Transistors and Thyristors Devices Sales Market Share by Application (2020-2025)

Figure 55. China Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 56. Japan Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 57. South Korea Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 58. Southeast Asia Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 59. India Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 60. Australia Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 61. China Taiwan Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 62. Europe Power Transistors and Thyristors Devices Sales Market Share by Country in 2025

Figure 63. Europe Power Transistors and Thyristors Devices Revenue Market Share by

Country (2020-2025)

Figure 64. Europe Power Transistors and Thyristors Devices Sales Market Share by Type (2020-2025)

Figure 65. Europe Power Transistors and Thyristors Devices Sales Market Share by Application (2020-2025)

Figure 66. Germany Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 67. France Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 68. UK Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 69. Italy Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 70. Russia Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 71. Middle East & Africa Power Transistors and Thyristors Devices Sales Market Share by Country (2020-2025)

Figure 72. Middle East & Africa Power Transistors and Thyristors Devices Sales Market Share by Type (2020-2025)

Figure 73. Middle East & Africa Power Transistors and Thyristors Devices Sales Market Share by Application (2020-2025)

Figure 74. Egypt Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 75. South Africa Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 76. Israel Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 77. Turkey Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 78. GCC Countries Power Transistors and Thyristors Devices Revenue Growth 2020-2025 (\$ millions)

Figure 79. Manufacturing Cost Structure Analysis of Power Transistors and Thyristors Devices in 2025

Figure 80. Manufacturing Process Analysis of Power Transistors and Thyristors Devices

Figure 81. Industry Chain Structure of Power Transistors and Thyristors Devices

Figure 82. Channels of Distribution

Figure 83. Global Power Transistors and Thyristors Devices Sales Market Forecast by Region (2026-2031)

Figure 84. Global Power Transistors and Thyristors Devices Revenue Market Share

Forecast by Region (2026-2031)

Figure 85. Global Power Transistors and Thyristors Devices Sales Market Share

Forecast by Type (2026-2031)

Figure 86. Global Power Transistors and Thyristors Devices Revenue Market Share

Forecast by Type (2026-2031)

Figure 87. Global Power Transistors and Thyristors Devices Sales Market Share

Forecast by Application (2026-2031)

Figure 88. Global Power Transistors and Thyristors Devices Revenue Market Share

Forecast by Application (2026-2031)

I would like to order

Product name: Global Power Transistors and Thyristors Devices Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G19388CC5D4CEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G19388CC5D4CEN.html>