

# Global Surge Protection Zener Diodes Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G642AEA0A053EN.html

Date: July 2024

Pages: 122

Price: US\$ 4,480.00 (Single User License)

ID: G642AEA0A053EN

### **Abstracts**

The global Surge Protection Zener Diodes market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Surge protection Zener diodes are used to protect circuits from electrostatic discharge and other transient pulses.

This report studies the global Surge Protection Zener Diodes production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Surge Protection Zener Diodes, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Surge Protection Zener Diodes that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Surge Protection Zener Diodes total production and demand, 2018-2029, (Units)

Global Surge Protection Zener Diodes total production value, 2018-2029, (USD Million)

Global Surge Protection Zener Diodes production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Surge Protection Zener Diodes consumption by region & country, CAGR, 2018-2029 & (Units)



U.S. VS China: Surge Protection Zener Diodes domestic production, consumption, key domestic manufacturers and share

Global Surge Protection Zener Diodes production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Surge Protection Zener Diodes production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Surge Protection Zener Diodes production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Surge Protection Zener Diodes market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Vishay, Onsemiconductor, NXP, Rohm, DiodesIncorporated, Bourns, RENESAS, Good-Ark Electronics and Toshiba, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Surge Protection Zener Diodes market

**Detailed Segmentation:** 

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Surge Protection Zener Diodes Market, By Region:

**United States** 

China







Onsemiconductor		
NXP		
Rohm		
DiodesIncorporated		
Bourns		
RENESAS		
Good-Ark Electronics		
Toshiba		
Microchip Technology		
TORWEX		
Comchiptech		
MicroCommercialComponents		
ANOVA		
Kexin		
Key Questions Answered		
1 How hig is the global Surge Protection Zoner Diodes market?		

- 1. How big is the global Surge Protection Zener Diodes market?
- 2. What is the demand of the global Surge Protection Zener Diodes market?
- 3. What is the year over year growth of the global Surge Protection Zener Diodes market?
- 4. What is the production and production value of the global Surge Protection Zener



#### Diodes market?

- 5. Who are the key producers in the global Surge Protection Zener Diodes market?
- 6. What are the growth factors driving the market demand?



#### **Contents**

#### 1 SUPPLY SUMMARY

- 1.1 Surge Protection Zener Diodes Introduction
- 1.2 World Surge Protection Zener Diodes Supply & Forecast
  - 1.2.1 World Surge Protection Zener Diodes Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Surge Protection Zener Diodes Production (2018-2029)
- 1.2.3 World Surge Protection Zener Diodes Pricing Trends (2018-2029)
- 1.3 World Surge Protection Zener Diodes Production by Region (Based on Production Site)
  - 1.3.1 World Surge Protection Zener Diodes Production Value by Region (2018-2029)
  - 1.3.2 World Surge Protection Zener Diodes Production by Region (2018-2029)
- 1.3.3 World Surge Protection Zener Diodes Average Price by Region (2018-2029)
- 1.3.4 North America Surge Protection Zener Diodes Production (2018-2029)
- 1.3.5 Europe Surge Protection Zener Diodes Production (2018-2029)
- 1.3.6 China Surge Protection Zener Diodes Production (2018-2029)
- 1.3.7 Japan Surge Protection Zener Diodes Production (2018-2029)
- 1.3.8 South Korea Surge Protection Zener Diodes Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Surge Protection Zener Diodes Market Drivers
  - 1.4.2 Factors Affecting Demand
- 1.4.3 Surge Protection Zener Diodes Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

#### **2 DEMAND SUMMARY**

- 2.1 World Surge Protection Zener Diodes Demand (2018-2029)
- 2.2 World Surge Protection Zener Diodes Consumption by Region
- 2.2.1 World Surge Protection Zener Diodes Consumption by Region (2018-2023)
- 2.2.2 World Surge Protection Zener Diodes Consumption Forecast by Region (2024-2029)
- 2.3 United States Surge Protection Zener Diodes Consumption (2018-2029)
- 2.4 China Surge Protection Zener Diodes Consumption (2018-2029)
- 2.5 Europe Surge Protection Zener Diodes Consumption (2018-2029)
- 2.6 Japan Surge Protection Zener Diodes Consumption (2018-2029)
- 2.7 South Korea Surge Protection Zener Diodes Consumption (2018-2029)



- 2.8 ASEAN Surge Protection Zener Diodes Consumption (2018-2029)
- 2.9 India Surge Protection Zener Diodes Consumption (2018-2029)

# 3 WORLD SURGE PROTECTION ZENER DIODES MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Surge Protection Zener Diodes Production Value by Manufacturer (2018-2023)
- 3.2 World Surge Protection Zener Diodes Production by Manufacturer (2018-2023)
- 3.3 World Surge Protection Zener Diodes Average Price by Manufacturer (2018-2023)
- 3.4 Surge Protection Zener Diodes Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Surge Protection Zener Diodes Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Surge Protection Zener Diodes in 2022
- 3.5.3 Global Concentration Ratios (CR8) for Surge Protection Zener Diodes in 2022
- 3.6 Surge Protection Zener Diodes Market: Overall Company Footprint Analysis
  - 3.6.1 Surge Protection Zener Diodes Market: Region Footprint
  - 3.6.2 Surge Protection Zener Diodes Market: Company Product Type Footprint
- 3.6.3 Surge Protection Zener Diodes Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

#### 4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Surge Protection Zener Diodes Production Value Comparison
- 4.1.1 United States VS China: Surge Protection Zener Diodes Production Value Comparison (2018 & 2022 & 2029)
- 4.1.2 United States VS China: Surge Protection Zener Diodes Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Surge Protection Zener Diodes Production Comparison
- 4.2.1 United States VS China: Surge Protection Zener Diodes Production Comparison (2018 & 2022 & 2029)
- 4.2.2 United States VS China: Surge Protection Zener Diodes Production Market Share Comparison (2018 & 2022 & 2029)



- 4.3 United States VS China: Surge Protection Zener Diodes Consumption Comparison
- 4.3.1 United States VS China: Surge Protection Zener Diodes Consumption Comparison (2018 & 2022 & 2029)
- 4.3.2 United States VS China: Surge Protection Zener Diodes Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Surge Protection Zener Diodes Manufacturers and Market Share, 2018-2023
- 4.4.1 United States Based Surge Protection Zener Diodes Manufacturers, Headquarters and Production Site (States, Country)
- 4.4.2 United States Based Manufacturers Surge Protection Zener Diodes Production Value (2018-2023)
- 4.4.3 United States Based Manufacturers Surge Protection Zener Diodes Production (2018-2023)
- 4.5 China Based Surge Protection Zener Diodes Manufacturers and Market Share
- 4.5.1 China Based Surge Protection Zener Diodes Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Surge Protection Zener Diodes Production Value (2018-2023)
- 4.5.3 China Based Manufacturers Surge Protection Zener Diodes Production (2018-2023)
- 4.6 Rest of World Based Surge Protection Zener Diodes Manufacturers and Market Share, 2018-2023
- 4.6.1 Rest of World Based Surge Protection Zener Diodes Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Surge Protection Zener Diodes Production Value (2018-2023)
- 4.6.3 Rest of World Based Manufacturers Surge Protection Zener Diodes Production (2018-2023)

#### **5 MARKET ANALYSIS BY TYPE**

- 5.1 World Surge Protection Zener Diodes Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
  - 5.2.1 Surface Mount
  - 5.2.2 Through Hole
- 5.3 Market Segment by Type
  - 5.3.1 World Surge Protection Zener Diodes Production by Type (2018-2029)
  - 5.3.2 World Surge Protection Zener Diodes Production Value by Type (2018-2029)



#### 5.3.3 World Surge Protection Zener Diodes Average Price by Type (2018-2029)

#### **6 MARKET ANALYSIS BY APPLICATION**

- 6.1 World Surge Protection Zener Diodes Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
  - 6.2.1 Electronic
  - 6.2.2 Industrial
  - 6.2.3 Automotive
  - 6.2.4 Communication
  - 6.2.5 Medical
  - 6.2.6 Others
- 6.3 Market Segment by Application
  - 6.3.1 World Surge Protection Zener Diodes Production by Application (2018-2029)
- 6.3.2 World Surge Protection Zener Diodes Production Value by Application (2018-2029)
  - 6.3.3 World Surge Protection Zener Diodes Average Price by Application (2018-2029)

#### **7 COMPANY PROFILES**

- 7.1 Vishay
  - 7.1.1 Vishay Details
  - 7.1.2 Vishay Major Business
  - 7.1.3 Vishay Surge Protection Zener Diodes Product and Services
- 7.1.4 Vishay Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.1.5 Vishay Recent Developments/Updates
  - 7.1.6 Vishay Competitive Strengths & Weaknesses
- 7.2 Onsemiconductor
  - 7.2.1 Onsemiconductor Details
  - 7.2.2 Onsemiconductor Major Business
  - 7.2.3 Onsemiconductor Surge Protection Zener Diodes Product and Services
  - 7.2.4 Onsemiconductor Surge Protection Zener Diodes Production, Price, Value,
- Gross Margin and Market Share (2018-2023)
  - 7.2.5 Onsemiconductor Recent Developments/Updates
  - 7.2.6 Onsemiconductor Competitive Strengths & Weaknesses
- **7.3 NXP** 
  - 7.3.1 NXP Details



- 7.3.2 NXP Major Business
- 7.3.3 NXP Surge Protection Zener Diodes Product and Services
- 7.3.4 NXP Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 NXP Recent Developments/Updates
- 7.3.6 NXP Competitive Strengths & Weaknesses
- 7.4 Rohm
  - 7.4.1 Rohm Details
  - 7.4.2 Rohm Major Business
  - 7.4.3 Rohm Surge Protection Zener Diodes Product and Services
- 7.4.4 Rohm Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Rohm Recent Developments/Updates
  - 7.4.6 Rohm Competitive Strengths & Weaknesses
- 7.5 DiodesIncorporated
  - 7.5.1 DiodesIncorporated Details
  - 7.5.2 DiodesIncorporated Major Business
  - 7.5.3 DiodesIncorporated Surge Protection Zener Diodes Product and Services
- 7.5.4 DiodesIncorporated Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.5.5 DiodesIncorporated Recent Developments/Updates
- 7.5.6 DiodesIncorporated Competitive Strengths & Weaknesses
- 7.6 Bourns
  - 7.6.1 Bourns Details
  - 7.6.2 Bourns Major Business
  - 7.6.3 Bourns Surge Protection Zener Diodes Product and Services
- 7.6.4 Bourns Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Bourns Recent Developments/Updates
  - 7.6.6 Bourns Competitive Strengths & Weaknesses
- 7.7 RENESAS
  - 7.7.1 RENESAS Details
  - 7.7.2 RENESAS Major Business
  - 7.7.3 RENESAS Surge Protection Zener Diodes Product and Services
- 7.7.4 RENESAS Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 RENESAS Recent Developments/Updates
  - 7.7.6 RENESAS Competitive Strengths & Weaknesses
- 7.8 Good-Ark Electronics



- 7.8.1 Good-Ark Electronics Details
- 7.8.2 Good-Ark Electronics Major Business
- 7.8.3 Good-Ark Electronics Surge Protection Zener Diodes Product and Services
- 7.8.4 Good-Ark Electronics Surge Protection Zener Diodes Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.8.5 Good-Ark Electronics Recent Developments/Updates
- 7.8.6 Good-Ark Electronics Competitive Strengths & Weaknesses
- 7.9 Toshiba
  - 7.9.1 Toshiba Details
  - 7.9.2 Toshiba Major Business
  - 7.9.3 Toshiba Surge Protection Zener Diodes Product and Services
- 7.9.4 Toshiba Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Toshiba Recent Developments/Updates
  - 7.9.6 Toshiba Competitive Strengths & Weaknesses
- 7.10 Microchip Technology
  - 7.10.1 Microchip Technology Details
  - 7.10.2 Microchip Technology Major Business
  - 7.10.3 Microchip Technology Surge Protection Zener Diodes Product and Services
  - 7.10.4 Microchip Technology Surge Protection Zener Diodes Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.10.5 Microchip Technology Recent Developments/Updates
- 7.10.6 Microchip Technology Competitive Strengths & Weaknesses
- 7.11 TORWEX
  - 7.11.1 TORWEX Details
  - 7.11.2 TORWEX Major Business
  - 7.11.3 TORWEX Surge Protection Zener Diodes Product and Services
  - 7.11.4 TORWEX Surge Protection Zener Diodes Production, Price, Value, Gross

Margin and Market Share (2018-2023)

- 7.11.5 TORWEX Recent Developments/Updates
- 7.11.6 TORWEX Competitive Strengths & Weaknesses
- 7.12 Comchiptech
  - 7.12.1 Comchiptech Details
  - 7.12.2 Comchiptech Major Business
  - 7.12.3 Comchiptech Surge Protection Zener Diodes Product and Services
- 7.12.4 Comchiptech Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.12.5 Comchiptech Recent Developments/Updates
- 7.12.6 Comchiptech Competitive Strengths & Weaknesses



- 7.13 MicroCommercialComponents
  - 7.13.1 MicroCommercialComponents Details
  - 7.13.2 MicroCommercialComponents Major Business
- 7.13.3 MicroCommercialComponents Surge Protection Zener Diodes Product and Services
- 7.13.4 MicroCommercialComponents Surge Protection Zener Diodes Production,
- Price, Value, Gross Margin and Market Share (2018-2023)
- 7.13.5 MicroCommercialComponents Recent Developments/Updates
- 7.13.6 MicroCommercialComponents Competitive Strengths & Weaknesses
- 7.14 ANOVA
  - 7.14.1 ANOVA Details
  - 7.14.2 ANOVA Major Business
  - 7.14.3 ANOVA Surge Protection Zener Diodes Product and Services
- 7.14.4 ANOVA Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 ANOVA Recent Developments/Updates
  - 7.14.6 ANOVA Competitive Strengths & Weaknesses
- 7.15 Kexin
  - 7.15.1 Kexin Details
  - 7.15.2 Kexin Major Business
  - 7.15.3 Kexin Surge Protection Zener Diodes Product and Services
- 7.15.4 Kexin Surge Protection Zener Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Kexin Recent Developments/Updates
  - 7.15.6 Kexin Competitive Strengths & Weaknesses

#### **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Surge Protection Zener Diodes Industry Chain
- 8.2 Surge Protection Zener Diodes Upstream Analysis
  - 8.2.1 Surge Protection Zener Diodes Core Raw Materials
  - 8.2.2 Main Manufacturers of Surge Protection Zener Diodes Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Surge Protection Zener Diodes Production Mode
- 8.6 Surge Protection Zener Diodes Procurement Model
- 8.7 Surge Protection Zener Diodes Industry Sales Model and Sales Channels
  - 8.7.1 Surge Protection Zener Diodes Sales Model
  - 8.7.2 Surge Protection Zener Diodes Typical Customers



## 9 RESEARCH FINDINGS AND CONCLUSION

#### **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



#### **List Of Tables**

#### LIST OF TABLES

Table 1. World Surge Protection Zener Diodes Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Surge Protection Zener Diodes Production Value by Region (2018-2023) & (USD Million)

Table 3. World Surge Protection Zener Diodes Production Value by Region (2024-2029) & (USD Million)

Table 4. World Surge Protection Zener Diodes Production Value Market Share by Region (2018-2023)

Table 5. World Surge Protection Zener Diodes Production Value Market Share by Region (2024-2029)

Table 6. World Surge Protection Zener Diodes Production by Region (2018-2023) & (Units)

Table 7. World Surge Protection Zener Diodes Production by Region (2024-2029) & (Units)

Table 8. World Surge Protection Zener Diodes Production Market Share by Region (2018-2023)

Table 9. World Surge Protection Zener Diodes Production Market Share by Region (2024-2029)

Table 10. World Surge Protection Zener Diodes Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Surge Protection Zener Diodes Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Surge Protection Zener Diodes Major Market Trends

Table 13. World Surge Protection Zener Diodes Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World Surge Protection Zener Diodes Consumption by Region (2018-2023) & (Units)

Table 15. World Surge Protection Zener Diodes Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World Surge Protection Zener Diodes Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Surge Protection Zener Diodes Producers in 2022

Table 18. World Surge Protection Zener Diodes Production by Manufacturer (2018-2023) & (Units)



- Table 19. Production Market Share of Key Surge Protection Zener Diodes Producers in 2022
- Table 20. World Surge Protection Zener Diodes Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 21. Global Surge Protection Zener Diodes Company Evaluation Quadrant
- Table 22. World Surge Protection Zener Diodes Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and Surge Protection Zener Diodes Production Site of Key Manufacturer
- Table 24. Surge Protection Zener Diodes Market: Company Product Type Footprint
- Table 25. Surge Protection Zener Diodes Market: Company Product Application Footprint
- Table 26. Surge Protection Zener Diodes Competitive Factors
- Table 27. Surge Protection Zener Diodes New Entrant and Capacity Expansion Plans
- Table 28. Surge Protection Zener Diodes Mergers & Acquisitions Activity
- Table 29. United States VS China Surge Protection Zener Diodes Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China Surge Protection Zener Diodes Production Comparison, (2018 & 2022 & 2029) & (Units)
- Table 31. United States VS China Surge Protection Zener Diodes Consumption Comparison, (2018 & 2022 & 2029) & (Units)
- Table 32. United States Based Surge Protection Zener Diodes Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Surge Protection Zener Diodes Production Value, (2018-2023) & (USD Million)
- Table 34. United States Based Manufacturers Surge Protection Zener Diodes Production Value Market Share (2018-2023)
- Table 35. United States Based Manufacturers Surge Protection Zener Diodes Production (2018-2023) & (Units)
- Table 36. United States Based Manufacturers Surge Protection Zener Diodes Production Market Share (2018-2023)
- Table 37. China Based Surge Protection Zener Diodes Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Surge Protection Zener Diodes Production Value, (2018-2023) & (USD Million)
- Table 39. China Based Manufacturers Surge Protection Zener Diodes Production Value Market Share (2018-2023)
- Table 40. China Based Manufacturers Surge Protection Zener Diodes Production (2018-2023) & (Units)



Table 41. China Based Manufacturers Surge Protection Zener Diodes Production Market Share (2018-2023)

Table 42. Rest of World Based Surge Protection Zener Diodes Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Surge Protection Zener Diodes Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Surge Protection Zener Diodes Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Surge Protection Zener Diodes Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Surge Protection Zener Diodes Production Market Share (2018-2023)

Table 47. World Surge Protection Zener Diodes Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Surge Protection Zener Diodes Production by Type (2018-2023) & (Units)

Table 49. World Surge Protection Zener Diodes Production by Type (2024-2029) & (Units)

Table 50. World Surge Protection Zener Diodes Production Value by Type (2018-2023) & (USD Million)

Table 51. World Surge Protection Zener Diodes Production Value by Type (2024-2029) & (USD Million)

Table 52. World Surge Protection Zener Diodes Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Surge Protection Zener Diodes Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Surge Protection Zener Diodes Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Surge Protection Zener Diodes Production by Application (2018-2023) & (Units)

Table 56. World Surge Protection Zener Diodes Production by Application (2024-2029) & (Units)

Table 57. World Surge Protection Zener Diodes Production Value by Application (2018-2023) & (USD Million)

Table 58. World Surge Protection Zener Diodes Production Value by Application (2024-2029) & (USD Million)

Table 59. World Surge Protection Zener Diodes Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Surge Protection Zener Diodes Average Price by Application



(2024-2029) & (US\$/Unit)

Table 61. Vishay Basic Information, Manufacturing Base and Competitors

Table 62. Vishay Major Business

Table 63. Vishay Surge Protection Zener Diodes Product and Services

Table 64. Vishay Surge Protection Zener Diodes Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Vishay Recent Developments/Updates

Table 66. Vishay Competitive Strengths & Weaknesses

Table 67. Onsemiconductor Basic Information, Manufacturing Base and Competitors

Table 68. Onsemiconductor Major Business

Table 69. Onsemiconductor Surge Protection Zener Diodes Product and Services

Table 70. Onsemiconductor Surge Protection Zener Diodes Production (Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Onsemiconductor Recent Developments/Updates

Table 72. Onsemiconductor Competitive Strengths & Weaknesses

Table 73. NXP Basic Information, Manufacturing Base and Competitors

Table 74. NXP Major Business

Table 75. NXP Surge Protection Zener Diodes Product and Services

Table 76. NXP Surge Protection Zener Diodes Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. NXP Recent Developments/Updates

Table 78. NXP Competitive Strengths & Weaknesses

Table 79. Rohm Basic Information, Manufacturing Base and Competitors

Table 80. Rohm Major Business

Table 81. Rohm Surge Protection Zener Diodes Product and Services

Table 82. Rohm Surge Protection Zener Diodes Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Rohm Recent Developments/Updates

Table 84. Rohm Competitive Strengths & Weaknesses

Table 85. DiodesIncorporated Basic Information, Manufacturing Base and Competitors

Table 86. DiodesIncorporated Major Business

Table 87. DiodesIncorporated Surge Protection Zener Diodes Product and Services

Table 88. DiodesIncorporated Surge Protection Zener Diodes Production (Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. DiodesIncorporated Recent Developments/Updates

Table 90. DiodesIncorporated Competitive Strengths & Weaknesses

Table 91. Bourns Basic Information, Manufacturing Base and Competitors



- Table 92. Bourns Major Business
- Table 93. Bourns Surge Protection Zener Diodes Product and Services
- Table 94. Bourns Surge Protection Zener Diodes Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Bourns Recent Developments/Updates
- Table 96. Bourns Competitive Strengths & Weaknesses
- Table 97. RENESAS Basic Information, Manufacturing Base and Competitors
- Table 98. RENESAS Major Business
- Table 99. RENESAS Surge Protection Zener Diodes Product and Services
- Table 100. RENESAS Surge Protection Zener Diodes Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. RENESAS Recent Developments/Updates
- Table 102. RENESAS Competitive Strengths & Weaknesses
- Table 103. Good-Ark Electronics Basic Information, Manufacturing Base and Competitors
- Table 104. Good-Ark Electronics Major Business
- Table 105. Good-Ark Electronics Surge Protection Zener Diodes Product and Services
- Table 106. Good-Ark Electronics Surge Protection Zener Diodes Production (Units),
- Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Good-Ark Electronics Recent Developments/Updates
- Table 108. Good-Ark Electronics Competitive Strengths & Weaknesses
- Table 109. Toshiba Basic Information, Manufacturing Base and Competitors
- Table 110. Toshiba Major Business
- Table 111. Toshiba Surge Protection Zener Diodes Product and Services
- Table 112. Toshiba Surge Protection Zener Diodes Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Toshiba Recent Developments/Updates
- Table 114. Toshiba Competitive Strengths & Weaknesses
- Table 115. Microchip Technology Basic Information, Manufacturing Base and Competitors
- Table 116. Microchip Technology Major Business
- Table 117. Microchip Technology Surge Protection Zener Diodes Product and Services
- Table 118. Microchip Technology Surge Protection Zener Diodes Production (Units),
- Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Microchip Technology Recent Developments/Updates
- Table 120. Microchip Technology Competitive Strengths & Weaknesses



- Table 121. TORWEX Basic Information, Manufacturing Base and Competitors
- Table 122. TORWEX Major Business
- Table 123. TORWEX Surge Protection Zener Diodes Product and Services
- Table 124. TORWEX Surge Protection Zener Diodes Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. TORWEX Recent Developments/Updates
- Table 126. TORWEX Competitive Strengths & Weaknesses
- Table 127. Comchiptech Basic Information, Manufacturing Base and Competitors
- Table 128. Comchiptech Major Business
- Table 129. Comchiptech Surge Protection Zener Diodes Product and Services
- Table 130. Comchiptech Surge Protection Zener Diodes Production (Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Comchiptech Recent Developments/Updates
- Table 132. Comchiptech Competitive Strengths & Weaknesses
- Table 133. MicroCommercialComponents Basic Information, Manufacturing Base and Competitors
- Table 134. MicroCommercialComponents Major Business
- Table 135. MicroCommercialComponents Surge Protection Zener Diodes Product and Services
- Table 136. MicroCommercialComponents Surge Protection Zener Diodes Production
- (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. MicroCommercialComponents Recent Developments/Updates
- Table 138. MicroCommercialComponents Competitive Strengths & Weaknesses
- Table 139. ANOVA Basic Information, Manufacturing Base and Competitors
- Table 140. ANOVA Major Business
- Table 141. ANOVA Surge Protection Zener Diodes Product and Services
- Table 142. ANOVA Surge Protection Zener Diodes Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. ANOVA Recent Developments/Updates
- Table 144. Kexin Basic Information, Manufacturing Base and Competitors
- Table 145. Kexin Major Business
- Table 146. Kexin Surge Protection Zener Diodes Product and Services
- Table 147. Kexin Surge Protection Zener Diodes Production (Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 148. Global Key Players of Surge Protection Zener Diodes Upstream (Raw Materials)



Table 149. Surge Protection Zener Diodes Typical Customers Table 150. Surge Protection Zener Diodes Typical Distributors



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Surge Protection Zener Diodes Picture
- Figure 2. World Surge Protection Zener Diodes Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Surge Protection Zener Diodes Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Surge Protection Zener Diodes Production (2018-2029) & (Units)
- Figure 5. World Surge Protection Zener Diodes Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Surge Protection Zener Diodes Production Value Market Share by Region (2018-2029)
- Figure 7. World Surge Protection Zener Diodes Production Market Share by Region (2018-2029)
- Figure 8. North America Surge Protection Zener Diodes Production (2018-2029) & (Units)
- Figure 9. Europe Surge Protection Zener Diodes Production (2018-2029) & (Units)
- Figure 10. China Surge Protection Zener Diodes Production (2018-2029) & (Units)
- Figure 11. Japan Surge Protection Zener Diodes Production (2018-2029) & (Units)
- Figure 12. South Korea Surge Protection Zener Diodes Production (2018-2029) & (Units)
- Figure 13. Surge Protection Zener Diodes Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 16. World Surge Protection Zener Diodes Consumption Market Share by Region (2018-2029)
- Figure 17. United States Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 18. China Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 19. Europe Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 20. Japan Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 21. South Korea Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 22. ASEAN Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 23. India Surge Protection Zener Diodes Consumption (2018-2029) & (Units)
- Figure 24. Producer Shipments of Surge Protection Zener Diodes by Manufacturer Revenue (\$MM) and Market Share (%): 2022



Figure 25. Global Four-firm Concentration Ratios (CR4) for Surge Protection Zener Diodes Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Surge Protection Zener Diodes Markets in 2022

Figure 27. United States VS China: Surge Protection Zener Diodes Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Surge Protection Zener Diodes Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Surge Protection Zener Diodes Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Surge Protection Zener Diodes Production Market Share 2022

Figure 31. China Based Manufacturers Surge Protection Zener Diodes Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Surge Protection Zener Diodes Production Market Share 2022

Figure 33. World Surge Protection Zener Diodes Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Surge Protection Zener Diodes Production Value Market Share by Type in 2022

Figure 35. Surface Mount

Figure 36. Through Hole

Figure 37. World Surge Protection Zener Diodes Production Market Share by Type (2018-2029)

Figure 38. World Surge Protection Zener Diodes Production Value Market Share by Type (2018-2029)

Figure 39. World Surge Protection Zener Diodes Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Surge Protection Zener Diodes Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Surge Protection Zener Diodes Production Value Market Share by Application in 2022

Figure 42. Electronic

Figure 43. Industrial

Figure 44. Automotive

Figure 45. Communication

Figure 46. Medical

Figure 47. Others

Figure 48. World Surge Protection Zener Diodes Production Market Share by



Application (2018-2029)

Figure 49. World Surge Protection Zener Diodes Production Value Market Share by Application (2018-2029)

Figure 50. World Surge Protection Zener Diodes Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. Surge Protection Zener Diodes Industry Chain

Figure 52. Surge Protection Zener Diodes Procurement Model

Figure 53. Surge Protection Zener Diodes Sales Model

Figure 54. Surge Protection Zener Diodes Sales Channels, Direct Sales, and

Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source



#### I would like to order

Product name: Global Surge Protection Zener Diodes Supply, Demand and Key Producers, 2023-2029

Product link: https://marketpublishers.com/r/G642AEA0A053EN.html

Price: US\$ 4,480.00 (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 <a href="https://marketpublishers.com/r/G642AEA0A053EN.html">https://marketpublishers.com/r/G642AEA0A053EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970