

# Global ESD Electrostatic Protection Diode Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GA12EA409F4FEN.html>

Date: July 2024

Pages: 114

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

ID: GA12EA409F4FEN

## Abstracts

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

ESD electrostatic protection diodes are electrostatic protection devices, also known as transient voltage suppression diode arrays (TVS Array), which are single or multi-channel ESD protection devices with specific functions designed by multiple TVS grains or diodes in different layouts. ESD electrostatic protection diode has fast response speed (less than 0.5ns), low capacitance, low conduction voltage, high integration, small size, easy installation, and can realize multiple data line protection at the same time. It is the most ideal high-frequency data protection device in the industry.

This report studies the global ESD Electrostatic Protection Diode production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for ESD Electrostatic Protection Diode, 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 ESD Electrostatic Protection Diode that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global ESD Electrostatic Protection Diode total production and demand, 2018-2029, (Units)

Global ESD Electrostatic Protection Diode total production value, 2018-2029, (USD)

Million)

Global ESD Electrostatic Protection Diode production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global ESD Electrostatic Protection Diode consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: ESD Electrostatic Protection Diode domestic production, consumption, key domestic manufacturers and share

Global ESD Electrostatic Protection Diode production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global ESD Electrostatic Protection Diode production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global ESD Electrostatic Protection Diode production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global ESD Electrostatic Protection Diode 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 Infineon Technologies, Onsemi, NXP, Semtech, STMicroelectronics, Nxpperia, Toshiba Electronic Devices & Storage Corporation, AMAZING Microelectronic and Hangzhou Dongwo Electronic Technology, 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 ESD Electrostatic Protection Diode 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 ESD Electrostatic Protection Diode Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global ESD Electrostatic Protection Diode Market, Segmentation by Type

Low Capacitance

Standard Capacitance

#### Global ESD Electrostatic Protection Diode Market, Segmentation by Application

Electronic

Communication

Industrial

Automotive

Others

#### Companies Profiled:

Infineon Technologies

Onsemi

NXP

Semtech

STMicroelectronics

Nexperia

Toshiba Electronic Devices & Storage Corporation

AMAZING Microelectronic

Hangzhou Dongwo Electronic Technology

ASIM

Shenzhen JDT Fuse Industrial

#### Key Questions Answered

1. How big is the global ESD Electrostatic Protection Diode market?
2. What is the demand of the global ESD Electrostatic Protection Diode market?
3. What is the year over year growth of the global ESD Electrostatic Protection Diode market?
4. What is the production and production value of the global ESD Electrostatic Protection Diode market?

5. Who are the key producers in the global ESD Electrostatic Protection Diode market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 ESD Electrostatic Protection Diode Introduction
- 1.2 World ESD Electrostatic Protection Diode Supply & Forecast
  - 1.2.1 World ESD Electrostatic Protection Diode Production Value (2018 & 2022 & 2029)
  - 1.2.2 World ESD Electrostatic Protection Diode Production (2018-2029)
  - 1.2.3 World ESD Electrostatic Protection Diode Pricing Trends (2018-2029)
- 1.3 World ESD Electrostatic Protection Diode Production by Region (Based on Production Site)
  - 1.3.1 World ESD Electrostatic Protection Diode Production Value by Region (2018-2029)
  - 1.3.2 World ESD Electrostatic Protection Diode Production by Region (2018-2029)
  - 1.3.3 World ESD Electrostatic Protection Diode Average Price by Region (2018-2029)
  - 1.3.4 North America ESD Electrostatic Protection Diode Production (2018-2029)
  - 1.3.5 Europe ESD Electrostatic Protection Diode Production (2018-2029)
  - 1.3.6 China ESD Electrostatic Protection Diode Production (2018-2029)
  - 1.3.7 Japan ESD Electrostatic Protection Diode Production (2018-2029)
  - 1.3.8 South Korea ESD Electrostatic Protection Diode Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 ESD Electrostatic Protection Diode Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 ESD Electrostatic Protection Diode 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 ESD Electrostatic Protection Diode Demand (2018-2029)
- 2.2 World ESD Electrostatic Protection Diode Consumption by Region
  - 2.2.1 World ESD Electrostatic Protection Diode Consumption by Region (2018-2023)
  - 2.2.2 World ESD Electrostatic Protection Diode Consumption Forecast by Region (2024-2029)
- 2.3 United States ESD Electrostatic Protection Diode Consumption (2018-2029)
- 2.4 China ESD Electrostatic Protection Diode Consumption (2018-2029)
- 2.5 Europe ESD Electrostatic Protection Diode Consumption (2018-2029)

- 2.6 Japan ESD Electrostatic Protection Diode Consumption (2018-2029)
- 2.7 South Korea ESD Electrostatic Protection Diode Consumption (2018-2029)
- 2.8 ASEAN ESD Electrostatic Protection Diode Consumption (2018-2029)
- 2.9 India ESD Electrostatic Protection Diode Consumption (2018-2029)

### **3 WORLD ESD ELECTROSTATIC PROTECTION DIODE MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World ESD Electrostatic Protection Diode Production Value by Manufacturer (2018-2023)
- 3.2 World ESD Electrostatic Protection Diode Production by Manufacturer (2018-2023)
- 3.3 World ESD Electrostatic Protection Diode Average Price by Manufacturer (2018-2023)
- 3.4 ESD Electrostatic Protection Diode Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global ESD Electrostatic Protection Diode Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for ESD Electrostatic Protection Diode in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for ESD Electrostatic Protection Diode in 2022
- 3.6 ESD Electrostatic Protection Diode Market: Overall Company Footprint Analysis
  - 3.6.1 ESD Electrostatic Protection Diode Market: Region Footprint
  - 3.6.2 ESD Electrostatic Protection Diode Market: Company Product Type Footprint
  - 3.6.3 ESD Electrostatic Protection Diode 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: ESD Electrostatic Protection Diode Production Value Comparison
  - 4.1.1 United States VS China: ESD Electrostatic Protection Diode Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: ESD Electrostatic Protection Diode Production Value

Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: ESD Electrostatic Protection Diode Production Comparison

4.2.1 United States VS China: ESD Electrostatic Protection Diode Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: ESD Electrostatic Protection Diode Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: ESD Electrostatic Protection Diode Consumption Comparison

4.3.1 United States VS China: ESD Electrostatic Protection Diode Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: ESD Electrostatic Protection Diode Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based ESD Electrostatic Protection Diode Manufacturers and Market Share, 2018-2023

4.4.1 United States Based ESD Electrostatic Protection Diode Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers ESD Electrostatic Protection Diode Production Value (2018-2023)

4.4.3 United States Based Manufacturers ESD Electrostatic Protection Diode Production (2018-2023)

4.5 China Based ESD Electrostatic Protection Diode Manufacturers and Market Share

4.5.1 China Based ESD Electrostatic Protection Diode Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers ESD Electrostatic Protection Diode Production Value (2018-2023)

4.5.3 China Based Manufacturers ESD Electrostatic Protection Diode Production (2018-2023)

4.6 Rest of World Based ESD Electrostatic Protection Diode Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based ESD Electrostatic Protection Diode Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers ESD Electrostatic Protection Diode Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers ESD Electrostatic Protection Diode Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World ESD Electrostatic Protection Diode Market Size Overview by Type: 2018 VS



2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Low Capacitance

5.2.2 Standard Capacitance

5.3 Market Segment by Type

5.3.1 World ESD Electrostatic Protection Diode Production by Type (2018-2029)

5.3.2 World ESD Electrostatic Protection Diode Production Value by Type (2018-2029)

5.3.3 World ESD Electrostatic Protection Diode Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World ESD Electrostatic Protection Diode Market Size Overview by Application:  
2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Electronic

6.2.2 Communication

6.2.3 Industrial

6.2.4 Automotive

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World ESD Electrostatic Protection Diode Production by Application (2018-2029)

6.3.2 World ESD Electrostatic Protection Diode Production Value by Application  
(2018-2029)

6.3.3 World ESD Electrostatic Protection Diode Average Price by Application  
(2018-2029)

## **7 COMPANY PROFILES**

7.1 Infineon Technologies

7.1.1 Infineon Technologies Details

7.1.2 Infineon Technologies Major Business

7.1.3 Infineon Technologies ESD Electrostatic Protection Diode Product and Services

7.1.4 Infineon Technologies ESD Electrostatic Protection Diode Production, Price,  
Value, Gross Margin and Market Share (2018-2023)

7.1.5 Infineon Technologies Recent Developments/Updates

7.1.6 Infineon Technologies Competitive Strengths & Weaknesses

7.2 Onsemi

7.2.1 Onsemi Details

7.2.2 Onsemi Major Business

- 7.2.3 Onsemi ESD Electrostatic Protection Diode Product and Services
- 7.2.4 Onsemi ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 Onsemi Recent Developments/Updates
- 7.2.6 Onsemi Competitive Strengths & Weaknesses
- 7.3 NXP
  - 7.3.1 NXP Details
  - 7.3.2 NXP Major Business
  - 7.3.3 NXP ESD Electrostatic Protection Diode Product and Services
  - 7.3.4 NXP ESD Electrostatic Protection Diode 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 Semtech
  - 7.4.1 Semtech Details
  - 7.4.2 Semtech Major Business
  - 7.4.3 Semtech ESD Electrostatic Protection Diode Product and Services
  - 7.4.4 Semtech ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Semtech Recent Developments/Updates
  - 7.4.6 Semtech Competitive Strengths & Weaknesses
- 7.5 STMicroelectronics
  - 7.5.1 STMicroelectronics Details
  - 7.5.2 STMicroelectronics Major Business
  - 7.5.3 STMicroelectronics ESD Electrostatic Protection Diode Product and Services
  - 7.5.4 STMicroelectronics ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 STMicroelectronics Recent Developments/Updates
  - 7.5.6 STMicroelectronics Competitive Strengths & Weaknesses
- 7.6 Nexperia
  - 7.6.1 Nexperia Details
  - 7.6.2 Nexperia Major Business
  - 7.6.3 Nexperia ESD Electrostatic Protection Diode Product and Services
  - 7.6.4 Nexperia ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Nexperia Recent Developments/Updates
  - 7.6.6 Nexperia Competitive Strengths & Weaknesses
- 7.7 Toshiba Electronic Devices & Storage Corporation
  - 7.7.1 Toshiba Electronic Devices & Storage Corporation Details

- 7.7.2 Toshiba Electronic Devices & Storage Corporation Major Business
- 7.7.3 Toshiba Electronic Devices & Storage Corporation ESD Electrostatic Protection Diode Product and Services
- 7.7.4 Toshiba Electronic Devices & Storage Corporation ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.7.5 Toshiba Electronic Devices & Storage Corporation Recent Developments/Updates
- 7.7.6 Toshiba Electronic Devices & Storage Corporation Competitive Strengths & Weaknesses
- 7.8 AMAZING Microelectronic
  - 7.8.1 AMAZING Microelectronic Details
  - 7.8.2 AMAZING Microelectronic Major Business
  - 7.8.3 AMAZING Microelectronic ESD Electrostatic Protection Diode Product and Services
  - 7.8.4 AMAZING Microelectronic ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 AMAZING Microelectronic Recent Developments/Updates
  - 7.8.6 AMAZING Microelectronic Competitive Strengths & Weaknesses
- 7.9 Hangzhou Dongwo Electronic Technology
  - 7.9.1 Hangzhou Dongwo Electronic Technology Details
  - 7.9.2 Hangzhou Dongwo Electronic Technology Major Business
  - 7.9.3 Hangzhou Dongwo Electronic Technology ESD Electrostatic Protection Diode Product and Services
  - 7.9.4 Hangzhou Dongwo Electronic Technology ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Hangzhou Dongwo Electronic Technology Recent Developments/Updates
  - 7.9.6 Hangzhou Dongwo Electronic Technology Competitive Strengths & Weaknesses
- 7.10 ASIM
  - 7.10.1 ASIM Details
  - 7.10.2 ASIM Major Business
  - 7.10.3 ASIM ESD Electrostatic Protection Diode Product and Services
  - 7.10.4 ASIM ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 ASIM Recent Developments/Updates
  - 7.10.6 ASIM Competitive Strengths & Weaknesses
- 7.11 Shenzhen JDT Fuse Industrial
  - 7.11.1 Shenzhen JDT Fuse Industrial Details
  - 7.11.2 Shenzhen JDT Fuse Industrial Major Business
  - 7.11.3 Shenzhen JDT Fuse Industrial ESD Electrostatic Protection Diode Product and

## Services

7.11.4 Shenzhen JDT Fuse Industrial ESD Electrostatic Protection Diode Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Shenzhen JDT Fuse Industrial Recent Developments/Updates

7.11.6 Shenzhen JDT Fuse Industrial Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 ESD Electrostatic Protection Diode Industry Chain

8.2 ESD Electrostatic Protection Diode Upstream Analysis

8.2.1 ESD Electrostatic Protection Diode Core Raw Materials

8.2.2 Main Manufacturers of ESD Electrostatic Protection Diode Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 ESD Electrostatic Protection Diode Production Mode

8.6 ESD Electrostatic Protection Diode Procurement Model

8.7 ESD Electrostatic Protection Diode Industry Sales Model and Sales Channels

8.7.1 ESD Electrostatic Protection Diode Sales Model

8.7.2 ESD Electrostatic Protection Diode 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 ESD Electrostatic Protection Diode Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World ESD Electrostatic Protection Diode Production Value by Region (2018-2023) & (USD Million)

Table 3. World ESD Electrostatic Protection Diode Production Value by Region (2024-2029) & (USD Million)

Table 4. World ESD Electrostatic Protection Diode Production Value Market Share by Region (2018-2023)

Table 5. World ESD Electrostatic Protection Diode Production Value Market Share by Region (2024-2029)

Table 6. World ESD Electrostatic Protection Diode Production by Region (2018-2023) & (Units)

Table 7. World ESD Electrostatic Protection Diode Production by Region (2024-2029) & (Units)

Table 8. World ESD Electrostatic Protection Diode Production Market Share by Region (2018-2023)

Table 9. World ESD Electrostatic Protection Diode Production Market Share by Region (2024-2029)

Table 10. World ESD Electrostatic Protection Diode Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World ESD Electrostatic Protection Diode Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. ESD Electrostatic Protection Diode Major Market Trends

Table 13. World ESD Electrostatic Protection Diode Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World ESD Electrostatic Protection Diode Consumption by Region (2018-2023) & (Units)

Table 15. World ESD Electrostatic Protection Diode Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World ESD Electrostatic Protection Diode Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key ESD Electrostatic Protection Diode Producers in 2022

Table 18. World ESD Electrostatic Protection Diode Production by Manufacturer (2018-2023) & (Units)

Table 19. Production Market Share of Key ESD Electrostatic Protection Diode Producers in 2022

Table 20. World ESD Electrostatic Protection Diode Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global ESD Electrostatic Protection Diode Company Evaluation Quadrant

Table 22. World ESD Electrostatic Protection Diode Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and ESD Electrostatic Protection Diode Production Site of Key Manufacturer

Table 24. ESD Electrostatic Protection Diode Market: Company Product Type Footprint

Table 25. ESD Electrostatic Protection Diode Market: Company Product Application Footprint

Table 26. ESD Electrostatic Protection Diode Competitive Factors

Table 27. ESD Electrostatic Protection Diode New Entrant and Capacity Expansion Plans

Table 28. ESD Electrostatic Protection Diode Mergers & Acquisitions Activity

Table 29. United States VS China ESD Electrostatic Protection Diode Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China ESD Electrostatic Protection Diode Production Comparison, (2018 & 2022 & 2029) & (Units)

Table 31. United States VS China ESD Electrostatic Protection Diode Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based ESD Electrostatic Protection Diode Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers ESD Electrostatic Protection Diode Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers ESD Electrostatic Protection Diode Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers ESD Electrostatic Protection Diode Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers ESD Electrostatic Protection Diode Production Market Share (2018-2023)

Table 37. China Based ESD Electrostatic Protection Diode Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers ESD Electrostatic Protection Diode Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers ESD Electrostatic Protection Diode Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers ESD Electrostatic Protection Diode Production

(2018-2023) & (Units)

Table 41. China Based Manufacturers ESD Electrostatic Protection Diode Production Market Share (2018-2023)

Table 42. Rest of World Based ESD Electrostatic Protection Diode Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers ESD Electrostatic Protection Diode Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers ESD Electrostatic Protection Diode Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers ESD Electrostatic Protection Diode Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers ESD Electrostatic Protection Diode Production Market Share (2018-2023)

Table 47. World ESD Electrostatic Protection Diode Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World ESD Electrostatic Protection Diode Production by Type (2018-2023) & (Units)

Table 49. World ESD Electrostatic Protection Diode Production by Type (2024-2029) & (Units)

Table 50. World ESD Electrostatic Protection Diode Production Value by Type (2018-2023) & (USD Million)

Table 51. World ESD Electrostatic Protection Diode Production Value by Type (2024-2029) & (USD Million)

Table 52. World ESD Electrostatic Protection Diode Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World ESD Electrostatic Protection Diode Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World ESD Electrostatic Protection Diode Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World ESD Electrostatic Protection Diode Production by Application (2018-2023) & (Units)

Table 56. World ESD Electrostatic Protection Diode Production by Application (2024-2029) & (Units)

Table 57. World ESD Electrostatic Protection Diode Production Value by Application (2018-2023) & (USD Million)

Table 58. World ESD Electrostatic Protection Diode Production Value by Application (2024-2029) & (USD Million)

Table 59. World ESD Electrostatic Protection Diode Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World ESD Electrostatic Protection Diode Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 62. Infineon Technologies Major Business

Table 63. Infineon Technologies ESD Electrostatic Protection Diode Product and Services

Table 64. Infineon Technologies ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Infineon Technologies Recent Developments/Updates

Table 66. Infineon Technologies Competitive Strengths & Weaknesses

Table 67. Onsemi Basic Information, Manufacturing Base and Competitors

Table 68. Onsemi Major Business

Table 69. Onsemi ESD Electrostatic Protection Diode Product and Services

Table 70. Onsemi ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Onsemi Recent Developments/Updates

Table 72. Onsemi Competitive Strengths & Weaknesses

Table 73. NXP Basic Information, Manufacturing Base and Competitors

Table 74. NXP Major Business

Table 75. NXP ESD Electrostatic Protection Diode Product and Services

Table 76. NXP ESD Electrostatic Protection Diode 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. Semtech Basic Information, Manufacturing Base and Competitors

Table 80. Semtech Major Business

Table 81. Semtech ESD Electrostatic Protection Diode Product and Services

Table 82. Semtech ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Semtech Recent Developments/Updates

Table 84. Semtech Competitive Strengths & Weaknesses

Table 85. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 86. STMicroelectronics Major Business

Table 87. STMicroelectronics ESD Electrostatic Protection Diode Product and Services

Table 88. STMicroelectronics ESD Electrostatic Protection Diode Production (Units),



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

Table 89. STMicroelectronics Recent Developments/Updates

Table 90. STMicroelectronics Competitive Strengths & Weaknesses

Table 91. Nexperia Basic Information, Manufacturing Base and Competitors

Table 92. Nexperia Major Business

Table 93. Nexperia ESD Electrostatic Protection Diode Product and Services

Table 94. Nexperia ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Nexperia Recent Developments/Updates

Table 96. Nexperia Competitive Strengths & Weaknesses

Table 97. Toshiba Electronic Devices & Storage Corporation Basic Information, Manufacturing Base and Competitors

Table 98. Toshiba Electronic Devices & Storage Corporation Major Business

Table 99. Toshiba Electronic Devices & Storage Corporation ESD Electrostatic Protection Diode Product and Services

Table 100. Toshiba Electronic Devices & Storage Corporation ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Toshiba Electronic Devices & Storage Corporation Recent Developments/Updates

Table 102. Toshiba Electronic Devices & Storage Corporation Competitive Strengths & Weaknesses

Table 103. AMAZING Microelectronic Basic Information, Manufacturing Base and Competitors

Table 104. AMAZING Microelectronic Major Business

Table 105. AMAZING Microelectronic ESD Electrostatic Protection Diode Product and Services

Table 106. AMAZING Microelectronic ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. AMAZING Microelectronic Recent Developments/Updates

Table 108. AMAZING Microelectronic Competitive Strengths & Weaknesses

Table 109. Hangzhou Dongwo Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 110. Hangzhou Dongwo Electronic Technology Major Business

Table 111. Hangzhou Dongwo Electronic Technology ESD Electrostatic Protection Diode Product and Services

Table 112. Hangzhou Dongwo Electronic Technology ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Hangzhou Dongwo Electronic Technology Recent Developments/Updates

Table 114. Hangzhou Dongwo Electronic Technology Competitive Strengths & Weaknesses

Table 115. ASIM Basic Information, Manufacturing Base and Competitors

Table 116. ASIM Major Business

Table 117. ASIM ESD Electrostatic Protection Diode Product and Services

Table 118. ASIM ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. ASIM Recent Developments/Updates

Table 120. Shenzhen JDT Fuse Industrial Basic Information, Manufacturing Base and Competitors

Table 121. Shenzhen JDT Fuse Industrial Major Business

Table 122. Shenzhen JDT Fuse Industrial ESD Electrostatic Protection Diode Product and Services

Table 123. Shenzhen JDT Fuse Industrial ESD Electrostatic Protection Diode Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 124. Global Key Players of ESD Electrostatic Protection Diode Upstream (Raw Materials)

Table 125. ESD Electrostatic Protection Diode Typical Customers

Table 126. ESD Electrostatic Protection Diode Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. ESD Electrostatic Protection Diode Picture

Figure 2. World ESD Electrostatic Protection Diode Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World ESD Electrostatic Protection Diode Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World ESD Electrostatic Protection Diode Production (2018-2029) & (Units)

Figure 5. World ESD Electrostatic Protection Diode Average Price (2018-2029) & (US\$/Unit)

Figure 6. World ESD Electrostatic Protection Diode Production Value Market Share by Region (2018-2029)

Figure 7. World ESD Electrostatic Protection Diode Production Market Share by Region (2018-2029)

Figure 8. North America ESD Electrostatic Protection Diode Production (2018-2029) & (Units)

Figure 9. Europe ESD Electrostatic Protection Diode Production (2018-2029) & (Units)

Figure 10. China ESD Electrostatic Protection Diode Production (2018-2029) & (Units)

Figure 11. Japan ESD Electrostatic Protection Diode Production (2018-2029) & (Units)

Figure 12. South Korea ESD Electrostatic Protection Diode Production (2018-2029) & (Units)

Figure 13. ESD Electrostatic Protection Diode Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 16. World ESD Electrostatic Protection Diode Consumption Market Share by Region (2018-2029)

Figure 17. United States ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 18. China ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 19. Europe ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 20. Japan ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 21. South Korea ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 22. ASEAN ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 23. India ESD Electrostatic Protection Diode Consumption (2018-2029) & (Units)

Figure 24. Producer Shipments of ESD Electrostatic Protection Diode by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for ESD Electrostatic Protection Diode Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for ESD Electrostatic Protection Diode Markets in 2022

Figure 27. United States VS China: ESD Electrostatic Protection Diode Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: ESD Electrostatic Protection Diode Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: ESD Electrostatic Protection Diode Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers ESD Electrostatic Protection Diode Production Market Share 2022

Figure 31. China Based Manufacturers ESD Electrostatic Protection Diode Production Market Share 2022

Figure 32. Rest of World Based Manufacturers ESD Electrostatic Protection Diode Production Market Share 2022

Figure 33. World ESD Electrostatic Protection Diode Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World ESD Electrostatic Protection Diode Production Value Market Share by Type in 2022

Figure 35. Low Capacitance

Figure 36. Standard Capacitance

Figure 37. World ESD Electrostatic Protection Diode Production Market Share by Type (2018-2029)

Figure 38. World ESD Electrostatic Protection Diode Production Value Market Share by Type (2018-2029)

Figure 39. World ESD Electrostatic Protection Diode Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World ESD Electrostatic Protection Diode Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World ESD Electrostatic Protection Diode Production Value Market Share by Application in 2022

Figure 42. Electronic

Figure 43. Communication

Figure 44. Industrial

Figure 45. Automotive

Figure 46. Others

Figure 47. World ESD Electrostatic Protection Diode Production Market Share by Application (2018-2029)

Figure 48. World ESD Electrostatic Protection Diode Production Value Market Share by Application (2018-2029)

Figure 49. World ESD Electrostatic Protection Diode Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. ESD Electrostatic Protection Diode Industry Chain

Figure 51. ESD Electrostatic Protection Diode Procurement Model

Figure 52. ESD Electrostatic Protection Diode Sales Model

Figure 53. ESD Electrostatic Protection Diode Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

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