

# Global ESD Suppressors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GAB09A739280EN.html>

Date: June 2024

Pages: 157

Price: US\$ 3,480.00 (Single User License)

ID: GAB09A739280EN

## Abstracts

According to our (Global Info Research) latest study, the global ESD Suppressors market size was valued at USD 396.1 million in 2023 and is forecast to a readjusted size of USD 482.9 million by 2030 with a CAGR of 2.9% during review period.

Even if an IC or ASIC makes it through the manufacturing process, it may struggle to succeed when it is used as intended. Engineers and designers need to consider which protective components to use to ensure survivability. Such protective components can consist of isolation circuits, filtering circuits, and suppression components, such as multilayer varistors, silicon diodes, and polymer-based suppressors.

By clamping the ESD voltage to a level that allows the sensitive circuit to survive, suppression components protect the circuit. The suppressors, which connect parallel with the signal lines, connect the ESD voltage and push or pull the majority of the ESD current away from the data line and protected chip to the suitable reference--typically, the power rail and the ground.

Different ESD Suppressors are designed for different applications. Understanding the importance and impact the ESD component adds to the system or overall circuit behavior is critical. In high-speed digital designs, ESD suppression circuits can have dramatic and undesirable effects on signal integrity. Circuit protection considerations should be properly analyzed in the early stages of design to minimize effects on signal integrity.

The Global Info Research report includes an overview of the development of the ESD Suppressors industry chain, the market status of Commercial (Diode Array, Polymer),

Industrial (Diode Array, Polymer), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of ESD Suppressors.

Regionally, the report analyzes the ESD Suppressors markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global ESD Suppressors market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the ESD Suppressors market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the ESD Suppressors industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Diode Array, Polymer).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the ESD Suppressors market.

**Regional Analysis:** The report involves examining the ESD Suppressors market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the ESD Suppressors market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to ESD Suppressors:

**Company Analysis:** Report covers individual ESD Suppressors manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards ESD Suppressors. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Commercial, Industrial).

**Technology Analysis:** Report covers specific technologies relevant to ESD Suppressors. It assesses the current state, advancements, and potential future developments in ESD Suppressors areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the ESD Suppressors market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

ESD Suppressors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Diode Array

Polymer

TVS

Zener

## Market segment by Application

Commercial

Industrial

Household Electric Appliances

Automotive

## Major players covered

ON Semiconductor

Vishay

Nexperia

Lrttelfuse

Microsemi

STMicroelectronics

Diodes Incorporated

Bourns

Infineon Technologies AG

Texas Instruments

Toshiba

Components

Comchip Technology

Semiconductor

Murata Manufacturing

NXP Semiconductors

Alpha and Omega

AVX

Central Semiconductor

Cooper Industries

Diotec Semiconductor AG

Eaton

Good-Ark Semiconductor

Kamaya Electric

KOA Speer

Electronics

Micro Commercial

Taiwan Semiconductor

TE Connectivity

Union Semiconductor

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe ESD Suppressors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of ESD Suppressors, with price, sales, revenue and global market share of ESD Suppressors from 2019 to 2024.

Chapter 3, the ESD Suppressors competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the ESD Suppressors breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and ESD Suppressors market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of ESD Suppressors.

Chapter 14 and 15, to describe ESD Suppressors sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of ESD Suppressors
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global ESD Suppressors Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Diode Array
  - 1.3.3 Polymer
  - 1.3.4 TVS
  - 1.3.5 Zener
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global ESD Suppressors Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Commercial
  - 1.4.3 Industrial
  - 1.4.4 Household Electric Appliances
  - 1.4.5 Automotive
- 1.5 Global ESD Suppressors Market Size & Forecast
  - 1.5.1 Global ESD Suppressors Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global ESD Suppressors Sales Quantity (2019-2030)
  - 1.5.3 Global ESD Suppressors Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 ON Semiconductor
  - 2.1.1 ON Semiconductor Details
  - 2.1.2 ON Semiconductor Major Business
  - 2.1.3 ON Semiconductor ESD Suppressors Product and Services
  - 2.1.4 ON Semiconductor ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 ON Semiconductor Recent Developments/Updates
- 2.2 Vishay
  - 2.2.1 Vishay Details
  - 2.2.2 Vishay Major Business
  - 2.2.3 Vishay ESD Suppressors Product and Services
  - 2.2.4 Vishay ESD Suppressors Sales Quantity, Average Price, Revenue, Gross



## Margin and Market Share (2019-2024)

### 2.2.5 Vishay Recent Developments/Updates

## 2.3 Nexperia

### 2.3.1 Nexperia Details

### 2.3.2 Nexperia Major Business

### 2.3.3 Nexperia ESD Suppressors Product and Services

### 2.3.4 Nexperia ESD Suppressors Sales Quantity, Average Price, Revenue, Gross

## Margin and Market Share (2019-2024)

### 2.3.5 Nexperia Recent Developments/Updates

## 2.4 Lrttelfuse

### 2.4.1 Lrttelfuse Details

### 2.4.2 Lrttelfuse Major Business

### 2.4.3 Lrttelfuse ESD Suppressors Product and Services

### 2.4.4 Lrttelfuse ESD Suppressors Sales Quantity, Average Price, Revenue, Gross

## Margin and Market Share (2019-2024)

### 2.4.5 Lrttelfuse Recent Developments/Updates

## 2.5 Microsemi

### 2.5.1 Microsemi Details

### 2.5.2 Microsemi Major Business

### 2.5.3 Microsemi ESD Suppressors Product and Services

### 2.5.4 Microsemi ESD Suppressors Sales Quantity, Average Price, Revenue, Gross

## Margin and Market Share (2019-2024)

### 2.5.5 Microsemi Recent Developments/Updates

## 2.6 STMicroelectronics

### 2.6.1 STMicroelectronics Details

### 2.6.2 STMicroelectronics Major Business

### 2.6.3 STMicroelectronics ESD Suppressors Product and Services

### 2.6.4 STMicroelectronics ESD Suppressors Sales Quantity, Average Price, Revenue,

## Gross Margin and Market Share (2019-2024)

### 2.6.5 STMicroelectronics Recent Developments/Updates

## 2.7 Diodes Incorporated

### 2.7.1 Diodes Incorporated Details

### 2.7.2 Diodes Incorporated Major Business

### 2.7.3 Diodes Incorporated ESD Suppressors Product and Services

### 2.7.4 Diodes Incorporated ESD Suppressors Sales Quantity, Average Price, Revenue,

## Gross Margin and Market Share (2019-2024)

### 2.7.5 Diodes Incorporated Recent Developments/Updates

## 2.8 Bourns

### 2.8.1 Bourns Details

- 2.8.2 Bourns Major Business
- 2.8.3 Bourns ESD Suppressors Product and Services
- 2.8.4 Bourns ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Bourns Recent Developments/Updates
- 2.9 Infineon Technologies AG
  - 2.9.1 Infineon Technologies AG Details
  - 2.9.2 Infineon Technologies AG Major Business
  - 2.9.3 Infineon Technologies AG ESD Suppressors Product and Services
  - 2.9.4 Infineon Technologies AG ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 Infineon Technologies AG Recent Developments/Updates
- 2.10 Texas Instruments
  - 2.10.1 Texas Instruments Details
  - 2.10.2 Texas Instruments Major Business
  - 2.10.3 Texas Instruments ESD Suppressors Product and Services
  - 2.10.4 Texas Instruments ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Texas Instruments Recent Developments/Updates
- 2.11 Toshiba
  - 2.11.1 Toshiba Details
  - 2.11.2 Toshiba Major Business
  - 2.11.3 Toshiba ESD Suppressors Product and Services
  - 2.11.4 Toshiba ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 Toshiba Recent Developments/Updates
- 2.12 Components
  - 2.12.1 Components Details
  - 2.12.2 Components Major Business
  - 2.12.3 Components ESD Suppressors Product and Services
  - 2.12.4 Components ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.12.5 Components Recent Developments/Updates
- 2.13 Comchip Technology
  - 2.13.1 Comchip Technology Details
  - 2.13.2 Comchip Technology Major Business
  - 2.13.3 Comchip Technology ESD Suppressors Product and Services
  - 2.13.4 Comchip Technology ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.13.5 Comchip Technology Recent Developments/Updates
- 2.14 Semiconductor
  - 2.14.1 Semiconductor Details
  - 2.14.2 Semiconductor Major Business
  - 2.14.3 Semiconductor ESD Suppressors Product and Services
  - 2.14.4 Semiconductor ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.14.5 Semiconductor Recent Developments/Updates
- 2.15 Murata Manufacturing
  - 2.15.1 Murata Manufacturing Details
  - 2.15.2 Murata Manufacturing Major Business
  - 2.15.3 Murata Manufacturing ESD Suppressors Product and Services
  - 2.15.4 Murata Manufacturing ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.15.5 Murata Manufacturing Recent Developments/Updates
- 2.16 NXP Semiconductors
  - 2.16.1 NXP Semiconductors Details
  - 2.16.2 NXP Semiconductors Major Business
  - 2.16.3 NXP Semiconductors ESD Suppressors Product and Services
  - 2.16.4 NXP Semiconductors ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.16.5 NXP Semiconductors Recent Developments/Updates
- 2.17 Alpha and Omega
  - 2.17.1 Alpha and Omega Details
  - 2.17.2 Alpha and Omega Major Business
  - 2.17.3 Alpha and Omega ESD Suppressors Product and Services
  - 2.17.4 Alpha and Omega ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.17.5 Alpha and Omega Recent Developments/Updates
- 2.18 AVX
  - 2.18.1 AVX Details
  - 2.18.2 AVX Major Business
  - 2.18.3 AVX ESD Suppressors Product and Services
  - 2.18.4 AVX ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.18.5 AVX Recent Developments/Updates
- 2.19 Central Semiconductor
  - 2.19.1 Central Semiconductor Details
  - 2.19.2 Central Semiconductor Major Business

- 2.19.3 Central Semiconductor ESD Suppressors Product and Services
- 2.19.4 Central Semiconductor ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.19.5 Central Semiconductor Recent Developments/Updates
- 2.20 Cooper Industries
  - 2.20.1 Cooper Industries Details
  - 2.20.2 Cooper Industries Major Business
  - 2.20.3 Cooper Industries ESD Suppressors Product and Services
  - 2.20.4 Cooper Industries ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.20.5 Cooper Industries Recent Developments/Updates
- 2.21 Diotec Semiconductor AG
  - 2.21.1 Diotec Semiconductor AG Details
  - 2.21.2 Diotec Semiconductor AG Major Business
  - 2.21.3 Diotec Semiconductor AG ESD Suppressors Product and Services
  - 2.21.4 Diotec Semiconductor AG ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.21.5 Diotec Semiconductor AG Recent Developments/Updates
- 2.22 Eaton
  - 2.22.1 Eaton Details
  - 2.22.2 Eaton Major Business
  - 2.22.3 Eaton ESD Suppressors Product and Services
  - 2.22.4 Eaton ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.22.5 Eaton Recent Developments/Updates
- 2.23 Good-Ark Semiconductor
  - 2.23.1 Good-Ark Semiconductor Details
  - 2.23.2 Good-Ark Semiconductor Major Business
  - 2.23.3 Good-Ark Semiconductor ESD Suppressors Product and Services
  - 2.23.4 Good-Ark Semiconductor ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.23.5 Good-Ark Semiconductor Recent Developments/Updates
- 2.24 Kamaya Electric
  - 2.24.1 Kamaya Electric Details
  - 2.24.2 Kamaya Electric Major Business
  - 2.24.3 Kamaya Electric ESD Suppressors Product and Services
  - 2.24.4 Kamaya Electric ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.24.5 Kamaya Electric Recent Developments/Updates

## 2.25 KOA Speer

### 2.25.1 KOA Speer Details

### 2.25.2 KOA Speer Major Business

### 2.25.3 KOA Speer ESD Suppressors Product and Services

### 2.25.4 KOA Speer ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.25.5 KOA Speer Recent Developments/Updates

## 2.26 Electronics

### 2.26.1 Electronics Details

### 2.26.2 Electronics Major Business

### 2.26.3 Electronics ESD Suppressors Product and Services

### 2.26.4 Electronics ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.26.5 Electronics Recent Developments/Updates

## 2.27 Micro Commercial

### 2.27.1 Micro Commercial Details

### 2.27.2 Micro Commercial Major Business

### 2.27.3 Micro Commercial ESD Suppressors Product and Services

### 2.27.4 Micro Commercial ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.27.5 Micro Commercial Recent Developments/Updates

## 2.28 Taiwan Semiconductor

### 2.28.1 Taiwan Semiconductor Details

### 2.28.2 Taiwan Semiconductor Major Business

### 2.28.3 Taiwan Semiconductor ESD Suppressors Product and Services

### 2.28.4 Taiwan Semiconductor ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.28.5 Taiwan Semiconductor Recent Developments/Updates

## 2.29 TE Connectivity

### 2.29.1 TE Connectivity Details

### 2.29.2 TE Connectivity Major Business

### 2.29.3 TE Connectivity ESD Suppressors Product and Services

### 2.29.4 TE Connectivity ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.29.5 TE Connectivity Recent Developments/Updates

## 2.30 Union Semiconductor

### 2.30.1 Union Semiconductor Details

### 2.30.2 Union Semiconductor Major Business

### 2.30.3 Union Semiconductor ESD Suppressors Product and Services

2.30.4 Union Semiconductor ESD Suppressors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.30.5 Union Semiconductor Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: ESD SUPPRESSORS BY MANUFACTURER**

3.1 Global ESD Suppressors Sales Quantity by Manufacturer (2019-2024)

3.2 Global ESD Suppressors Revenue by Manufacturer (2019-2024)

3.3 Global ESD Suppressors Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of ESD Suppressors by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 ESD Suppressors Manufacturer Market Share in 2023

3.4.2 Top 6 ESD Suppressors Manufacturer Market Share in 2023

3.5 ESD Suppressors Market: Overall Company Footprint Analysis

3.5.1 ESD Suppressors Market: Region Footprint

3.5.2 ESD Suppressors Market: Company Product Type Footprint

3.5.3 ESD Suppressors Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global ESD Suppressors Market Size by Region

4.1.1 Global ESD Suppressors Sales Quantity by Region (2019-2030)

4.1.2 Global ESD Suppressors Consumption Value by Region (2019-2030)

4.1.3 Global ESD Suppressors Average Price by Region (2019-2030)

4.2 North America ESD Suppressors Consumption Value (2019-2030)

4.3 Europe ESD Suppressors Consumption Value (2019-2030)

4.4 Asia-Pacific ESD Suppressors Consumption Value (2019-2030)

4.5 South America ESD Suppressors Consumption Value (2019-2030)

4.6 Middle East and Africa ESD Suppressors Consumption Value (2019-2030)

### **5 MARKET SEGMENT BY TYPE**

5.1 Global ESD Suppressors Sales Quantity by Type (2019-2030)

5.2 Global ESD Suppressors Consumption Value by Type (2019-2030)

5.3 Global ESD Suppressors Average Price by Type (2019-2030)



## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global ESD Suppressors Sales Quantity by Application (2019-2030)
- 6.2 Global ESD Suppressors Consumption Value by Application (2019-2030)
- 6.3 Global ESD Suppressors Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America ESD Suppressors Sales Quantity by Type (2019-2030)
- 7.2 North America ESD Suppressors Sales Quantity by Application (2019-2030)
- 7.3 North America ESD Suppressors Market Size by Country
  - 7.3.1 North America ESD Suppressors Sales Quantity by Country (2019-2030)
  - 7.3.2 North America ESD Suppressors Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe ESD Suppressors Sales Quantity by Type (2019-2030)
- 8.2 Europe ESD Suppressors Sales Quantity by Application (2019-2030)
- 8.3 Europe ESD Suppressors Market Size by Country
  - 8.3.1 Europe ESD Suppressors Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe ESD Suppressors Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific ESD Suppressors Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific ESD Suppressors Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific ESD Suppressors Market Size by Region
  - 9.3.1 Asia-Pacific ESD Suppressors Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific ESD Suppressors Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)

- 9.3.5 Korea Market Size and Forecast (2019-2030)
- 9.3.6 India Market Size and Forecast (2019-2030)
- 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
- 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America ESD Suppressors Sales Quantity by Type (2019-2030)
- 10.2 South America ESD Suppressors Sales Quantity by Application (2019-2030)
- 10.3 South America ESD Suppressors Market Size by Country
  - 10.3.1 South America ESD Suppressors Sales Quantity by Country (2019-2030)
  - 10.3.2 South America ESD Suppressors Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa ESD Suppressors Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa ESD Suppressors Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa ESD Suppressors Market Size by Country
  - 11.3.1 Middle East & Africa ESD Suppressors Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa ESD Suppressors Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)
  - 11.3.4 Egypt Market Size and Forecast (2019-2030)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
  - 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 ESD Suppressors Market Drivers
- 12.2 ESD Suppressors Market Restraints
- 12.3 ESD Suppressors Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry



## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of ESD Suppressors and Key Manufacturers

13.2 Manufacturing Costs Percentage of ESD Suppressors

13.3 ESD Suppressors Production Process

13.4 ESD Suppressors Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 ESD Suppressors Typical Distributors

14.3 ESD Suppressors Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global ESD Suppressors Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global ESD Suppressors Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 4. ON Semiconductor Major Business

Table 5. ON Semiconductor ESD Suppressors Product and Services

Table 6. ON Semiconductor ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. ON Semiconductor Recent Developments/Updates

Table 8. Vishay Basic Information, Manufacturing Base and Competitors

Table 9. Vishay Major Business

Table 10. Vishay ESD Suppressors Product and Services

Table 11. Vishay ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Vishay Recent Developments/Updates

Table 13. Nexperia Basic Information, Manufacturing Base and Competitors

Table 14. Nexperia Major Business

Table 15. Nexperia ESD Suppressors Product and Services

Table 16. Nexperia ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Nexperia Recent Developments/Updates

Table 18. Lrttelfuse Basic Information, Manufacturing Base and Competitors

Table 19. Lrttelfuse Major Business

Table 20. Lrttelfuse ESD Suppressors Product and Services

Table 21. Lrttelfuse ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Lrttelfuse Recent Developments/Updates

Table 23. Microsemi Basic Information, Manufacturing Base and Competitors

Table 24. Microsemi Major Business

Table 25. Microsemi ESD Suppressors Product and Services

Table 26. Microsemi ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Microsemi Recent Developments/Updates

Table 28. STMicroelectronics Basic Information, Manufacturing Base and Competitors

- Table 29. STMicroelectronics Major Business
- Table 30. STMicroelectronics ESD Suppressors Product and Services
- Table 31. STMicroelectronics ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. STMicroelectronics Recent Developments/Updates
- Table 33. Diodes Incorporated Basic Information, Manufacturing Base and Competitors
- Table 34. Diodes Incorporated Major Business
- Table 35. Diodes Incorporated ESD Suppressors Product and Services
- Table 36. Diodes Incorporated ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Diodes Incorporated Recent Developments/Updates
- Table 38. Bourns Basic Information, Manufacturing Base and Competitors
- Table 39. Bourns Major Business
- Table 40. Bourns ESD Suppressors Product and Services
- Table 41. Bourns ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Bourns Recent Developments/Updates
- Table 43. Infineon Technologies AG Basic Information, Manufacturing Base and Competitors
- Table 44. Infineon Technologies AG Major Business
- Table 45. Infineon Technologies AG ESD Suppressors Product and Services
- Table 46. Infineon Technologies AG ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Infineon Technologies AG Recent Developments/Updates
- Table 48. Texas Instruments Basic Information, Manufacturing Base and Competitors
- Table 49. Texas Instruments Major Business
- Table 50. Texas Instruments ESD Suppressors Product and Services
- Table 51. Texas Instruments ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Texas Instruments Recent Developments/Updates
- Table 53. Toshiba Basic Information, Manufacturing Base and Competitors
- Table 54. Toshiba Major Business
- Table 55. Toshiba ESD Suppressors Product and Services
- Table 56. Toshiba ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. Toshiba Recent Developments/Updates
- Table 58. Components Basic Information, Manufacturing Base and Competitors
- Table 59. Components Major Business

- Table 60. Components ESD Suppressors Product and Services
- Table 61. Components ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 62. Components Recent Developments/Updates
- Table 63. Comchip Technology Basic Information, Manufacturing Base and Competitors
- Table 64. Comchip Technology Major Business
- Table 65. Comchip Technology ESD Suppressors Product and Services
- Table 66. Comchip Technology ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 67. Comchip Technology Recent Developments/Updates
- Table 68. Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 69. Semiconductor Major Business
- Table 70. Semiconductor ESD Suppressors Product and Services
- Table 71. Semiconductor ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 72. Semiconductor Recent Developments/Updates
- Table 73. Murata Manufacturing Basic Information, Manufacturing Base and Competitors
- Table 74. Murata Manufacturing Major Business
- Table 75. Murata Manufacturing ESD Suppressors Product and Services
- Table 76. Murata Manufacturing ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. Murata Manufacturing Recent Developments/Updates
- Table 78. NXP Semiconductors Basic Information, Manufacturing Base and Competitors
- Table 79. NXP Semiconductors Major Business
- Table 80. NXP Semiconductors ESD Suppressors Product and Services
- Table 81. NXP Semiconductors ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 82. NXP Semiconductors Recent Developments/Updates
- Table 83. Alpha and Omega Basic Information, Manufacturing Base and Competitors
- Table 84. Alpha and Omega Major Business
- Table 85. Alpha and Omega ESD Suppressors Product and Services
- Table 86. Alpha and Omega ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 87. Alpha and Omega Recent Developments/Updates
- Table 88. AVX Basic Information, Manufacturing Base and Competitors
- Table 89. AVX Major Business
- Table 90. AVX ESD Suppressors Product and Services

Table 91. AVX ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 92. AVX Recent Developments/Updates

Table 93. Central Semiconductor Basic Information, Manufacturing Base and Competitors

Table 94. Central Semiconductor Major Business

Table 95. Central Semiconductor ESD Suppressors Product and Services

Table 96. Central Semiconductor ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 97. Central Semiconductor Recent Developments/Updates

Table 98. Cooper Industries Basic Information, Manufacturing Base and Competitors

Table 99. Cooper Industries Major Business

Table 100. Cooper Industries ESD Suppressors Product and Services

Table 101. Cooper Industries ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 102. Cooper Industries Recent Developments/Updates

Table 103. Diotec Semiconductor AG Basic Information, Manufacturing Base and Competitors

Table 104. Diotec Semiconductor AG Major Business

Table 105. Diotec Semiconductor AG ESD Suppressors Product and Services

Table 106. Diotec Semiconductor AG ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. Diotec Semiconductor AG Recent Developments/Updates

Table 108. Eaton Basic Information, Manufacturing Base and Competitors

Table 109. Eaton Major Business

Table 110. Eaton ESD Suppressors Product and Services

Table 111. Eaton ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 112. Eaton Recent Developments/Updates

Table 113. Good-Ark Semiconductor Basic Information, Manufacturing Base and Competitors

Table 114. Good-Ark Semiconductor Major Business

Table 115. Good-Ark Semiconductor ESD Suppressors Product and Services

Table 116. Good-Ark Semiconductor ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 117. Good-Ark Semiconductor Recent Developments/Updates

Table 118. Kamaya Electric Basic Information, Manufacturing Base and Competitors



- Table 119. Kamaya Electric Major Business
- Table 120. Kamaya Electric ESD Suppressors Product and Services
- Table 121. Kamaya Electric ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 122. Kamaya Electric Recent Developments/Updates
- Table 123. KOA Speer Basic Information, Manufacturing Base and Competitors
- Table 124. KOA Speer Major Business
- Table 125. KOA Speer ESD Suppressors Product and Services
- Table 126. KOA Speer ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 127. KOA Speer Recent Developments/Updates
- Table 128. Electronics Basic Information, Manufacturing Base and Competitors
- Table 129. Electronics Major Business
- Table 130. Electronics ESD Suppressors Product and Services
- Table 131. Electronics ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 132. Electronics Recent Developments/Updates
- Table 133. Micro Commercial Basic Information, Manufacturing Base and Competitors
- Table 134. Micro Commercial Major Business
- Table 135. Micro Commercial ESD Suppressors Product and Services
- Table 136. Micro Commercial ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 137. Micro Commercial Recent Developments/Updates
- Table 138. Taiwan Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 139. Taiwan Semiconductor Major Business
- Table 140. Taiwan Semiconductor ESD Suppressors Product and Services
- Table 141. Taiwan Semiconductor ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 142. Taiwan Semiconductor Recent Developments/Updates
- Table 143. TE Connectivity Basic Information, Manufacturing Base and Competitors
- Table 144. TE Connectivity Major Business
- Table 145. TE Connectivity ESD Suppressors Product and Services
- Table 146. TE Connectivity ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 147. TE Connectivity Recent Developments/Updates
- Table 148. Union Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 149. Union Semiconductor Major Business

- Table 150. Union Semiconductor ESD Suppressors Product and Services
- Table 151. Union Semiconductor ESD Suppressors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 152. Union Semiconductor Recent Developments/Updates
- Table 153. Global ESD Suppressors Sales Quantity by Manufacturer (2019-2024) & (K Units)
- Table 154. Global ESD Suppressors Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 155. Global ESD Suppressors Average Price by Manufacturer (2019-2024) & (USD/Unit)
- Table 156. Market Position of Manufacturers in ESD Suppressors, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 157. Head Office and ESD Suppressors Production Site of Key Manufacturer
- Table 158. ESD Suppressors Market: Company Product Type Footprint
- Table 159. ESD Suppressors Market: Company Product Application Footprint
- Table 160. ESD Suppressors New Market Entrants and Barriers to Market Entry
- Table 161. ESD Suppressors Mergers, Acquisition, Agreements, and Collaborations
- Table 162. Global ESD Suppressors Sales Quantity by Region (2019-2024) & (K Units)
- Table 163. Global ESD Suppressors Sales Quantity by Region (2025-2030) & (K Units)
- Table 164. Global ESD Suppressors Consumption Value by Region (2019-2024) & (USD Million)
- Table 165. Global ESD Suppressors Consumption Value by Region (2025-2030) & (USD Million)
- Table 166. Global ESD Suppressors Average Price by Region (2019-2024) & (USD/Unit)
- Table 167. Global ESD Suppressors Average Price by Region (2025-2030) & (USD/Unit)
- Table 168. Global ESD Suppressors Sales Quantity by Type (2019-2024) & (K Units)
- Table 169. Global ESD Suppressors Sales Quantity by Type (2025-2030) & (K Units)
- Table 170. Global ESD Suppressors Consumption Value by Type (2019-2024) & (USD Million)
- Table 171. Global ESD Suppressors Consumption Value by Type (2025-2030) & (USD Million)
- Table 172. Global ESD Suppressors Average Price by Type (2019-2024) & (USD/Unit)
- Table 173. Global ESD Suppressors Average Price by Type (2025-2030) & (USD/Unit)
- Table 174. Global ESD Suppressors Sales Quantity by Application (2019-2024) & (K Units)
- Table 175. Global ESD Suppressors Sales Quantity by Application (2025-2030) & (K Units)

Table 176. Global ESD Suppressors Consumption Value by Application (2019-2024) & (USD Million)

Table 177. Global ESD Suppressors Consumption Value by Application (2025-2030) & (USD Million)

Table 178. Global ESD Suppressors Average Price by Application (2019-2024) & (USD/Unit)

Table 179. Global ESD Suppressors Average Price by Application (2025-2030) & (USD/Unit)

Table 180. North America ESD Suppressors Sales Quantity by Type (2019-2024) & (K Units)

Table 181. North America ESD Suppressors Sales Quantity by Type (2025-2030) & (K Units)

Table 182. North America ESD Suppressors Sales Quantity by Application (2019-2024) & (K Units)

Table 183. North America ESD Suppressors Sales Quantity by Application (2025-2030) & (K Units)

Table 184. North America ESD Suppressors Sales Quantity by Country (2019-2024) & (K Units)

Table 185. North America ESD Suppressors Sales Quantity by Country (2025-2030) & (K Units)

Table 186. North America ESD Suppressors Consumption Value by Country (2019-2024) & (USD Million)

Table 187. North America ESD Suppressors Consumption Value by Country (2025-2030) & (USD Million)

Table 188. Europe ESD Suppressors Sales Quantity by Type (2019-2024) & (K Units)

Table 189. Europe ESD Suppressors Sales Quantity by Type (2025-2030) & (K Units)

Table 190. Europe ESD Suppressors Sales Quantity by Application (2019-2024) & (K Units)

Table 191. Europe ESD Suppressors Sales Quantity by Application (2025-2030) & (K Units)

Table 192. Europe ESD Suppressors Sales Quantity by Country (2019-2024) & (K Units)

Table 193. Europe ESD Suppressors Sales Quantity by Country (2025-2030) & (K Units)

Table 194. Europe ESD Suppressors Consumption Value by Country (2019-2024) & (USD Million)

Table 195. Europe ESD Suppressors Consumption Value by Country (2025-2030) & (USD Million)

Table 196. Asia-Pacific ESD Suppressors Sales Quantity by Type (2019-2024) & (K



Units)

Table 197. Asia-Pacific ESD Suppressors Sales Quantity by Type (2025-2030) & (K Units)

Table 198. Asia-Pacific ESD Suppressors Sales Quantity by Application (2019-2024) & (K Units)

Table 199. Asia-Pacific ESD Suppressors Sales Quantity by Application (2025-2030) & (K Units)

Table 200. Asia-Pacific ESD Suppressors Sales Quantity by Region (2019-2024) & (K Units)

Table 201. Asia-Pacific ESD Suppressors Sales Quantity by Region (2025-2030) & (K Units)

Table 202. Asia-Pacific ESD Suppressors Consumption Value by Region (2019-2024) & (USD Million)

Table 203. Asia-Pacific ESD Suppressors Consumption Value by Region (2025-2030) & (USD Million)

Table 204. South America ESD Suppressors Sales Quantity by Type (2019-2024) & (K Units)

Table 205. South America ESD Suppressors Sales Quantity by Type (2025-2030) & (K Units)

Table 206. South America ESD Suppressors Sales Quantity by Application (2019-2024) & (K Units)

Table 207. South America ESD Suppressors Sales Quantity by Application (2025-2030) & (K Units)

Table 208. South America ESD Suppressors Sales Quantity by Country (2019-2024) & (K Units)

Table 209. South America ESD Suppressors Sales Quantity by Country (2025-2030) & (K Units)

Table 210. South America ESD Suppressors Consumption Value by Country (2019-2024) & (USD Million)

Table 211. South America ESD Suppressors Consumption Value by Country (2025-2030) & (USD Million)

Table 212. Middle East & Africa ESD Suppressors Sales Quantity by Type (2019-2024) & (K Units)

Table 213. Middle East & Africa ESD Suppressors Sales Quantity by Type (2025-2030) & (K Units)

Table 214. Middle East & Africa ESD Suppressors Sales Quantity by Application (2019-2024) & (K Units)

Table 215. Middle East & Africa ESD Suppressors Sales Quantity by Application (2025-2030) & (K Units)

Table 216. Middle East & Africa ESD Suppressors Sales Quantity by Region (2019-2024) & (K Units)

Table 217. Middle East & Africa ESD Suppressors Sales Quantity by Region (2025-2030) & (K Units)

Table 218. Middle East & Africa ESD Suppressors Consumption Value by Region (2019-2024) & (USD Million)

Table 219. Middle East & Africa ESD Suppressors Consumption Value by Region (2025-2030) & (USD Million)

Table 220. ESD Suppressors Raw Material

Table 221. Key Manufacturers of ESD Suppressors Raw Materials

Table 222. ESD Suppressors Typical Distributors

Table 223. ESD Suppressors Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. ESD Suppressors Picture

Figure 2. Global ESD Suppressors Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global ESD Suppressors Consumption Value Market Share by Type in 2023

Figure 4. Diode Array Examples

Figure 5. Polymer Examples

Figure 6. TVS Examples

Figure 7. Zener Examples

Figure 8. Global ESD Suppressors Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global ESD Suppressors Consumption Value Market Share by Application in 2023

Figure 10. Commercial Examples

Figure 11. Industrial Examples

Figure 12. Household Electric Appliances Examples

Figure 13. Automotive Examples

Figure 14. Global ESD Suppressors Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global ESD Suppressors Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global ESD Suppressors Sales Quantity (2019-2030) & (K Units)

Figure 17. Global ESD Suppressors Average Price (2019-2030) & (USD/Unit)

Figure 18. Global ESD Suppressors Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global ESD Suppressors Consumption Value Market Share by Manufacturer in 2023

Figure 20. Producer Shipments of ESD Suppressors by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 21. Top 3 ESD Suppressors Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 ESD Suppressors Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global ESD Suppressors Sales Quantity Market Share by Region (2019-2030)

Figure 24. Global ESD Suppressors Consumption Value Market Share by Region

(2019-2030)

Figure 25. North America ESD Suppressors Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe ESD Suppressors Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific ESD Suppressors Consumption Value (2019-2030) & (USD Million)

Figure 28. South America ESD Suppressors Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa ESD Suppressors Consumption Value (2019-2030) & (USD Million)

Figure 30. Global ESD Suppressors Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global ESD Suppressors Consumption Value Market Share by Type (2019-2030)

Figure 32. Global ESD Suppressors Average Price by Type (2019-2030) & (USD/Unit)

Figure 33. Global ESD Suppressors Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global ESD Suppressors Consumption Value Market Share by Application (2019-2030)

Figure 35. Global ESD Suppressors Average Price by Application (2019-2030) & (USD/Unit)

Figure 36. North America ESD Suppressors Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America ESD Suppressors Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America ESD Suppressors Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America ESD Suppressors Consumption Value Market Share by Country (2019-2030)

Figure 40. United States ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe ESD Suppressors Sales Quantity Market Share by Type (2019-2030)

Figure 44. Europe ESD Suppressors Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe ESD Suppressors Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe ESD Suppressors Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific ESD Suppressors Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific ESD Suppressors Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific ESD Suppressors Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific ESD Suppressors Consumption Value Market Share by Region (2019-2030)

Figure 56. China ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. South America ESD Suppressors Sales Quantity Market Share by Type (2019-2030)

Figure 63. South America ESD Suppressors Sales Quantity Market Share by Application (2019-2030)

Figure 64. South America ESD Suppressors Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America ESD Suppressors Consumption Value Market Share by

Country (2019-2030)

Figure 66. Brazil ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Argentina ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Middle East & Africa ESD Suppressors Sales Quantity Market Share by Type (2019-2030)

Figure 69. Middle East & Africa ESD Suppressors Sales Quantity Market Share by Application (2019-2030)

Figure 70. Middle East & Africa ESD Suppressors Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa ESD Suppressors Consumption Value Market Share by Region (2019-2030)

Figure 72. Turkey ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Egypt ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa ESD Suppressors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. ESD Suppressors Market Drivers

Figure 77. ESD Suppressors Market Restraints

Figure 78. ESD Suppressors Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of ESD Suppressors in 2023

Figure 81. Manufacturing Process Analysis of ESD Suppressors

Figure 82. ESD Suppressors Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

## I would like to order

Product name: Global ESD Suppressors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/GAB09A739280EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GAB09A739280EN.html>

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**

Customer signature \_\_\_\_\_

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

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

