

# Global Transient Voltage Suppressor (TVS) Diodes Market Size, Manufacturers, Opportunities and Forecast to 2030

<https://marketpublishers.com/r/GFD232DADDD8EN.html>

Date: April 2024

Pages: 122

Price: US\$ 3,450.00 (Single User License)

ID: GFD232DADDD8EN

## Abstracts

### Summary

Transient Voltage Suppressor (TVS) Diodes are devices used to protect vulnerable circuits from electrical overstress such as that caused by electrostatic discharge, inductive load switching and induced lightning. Within the Transient Voltage Suppressor (TVS) Diodes, damaging voltage spikes are limited by clamping or avalanche action of a rugged silicon p-n junction which reduces the amplitude of the transient to a non-destructive level.

According to APO Research, The global Transient Voltage Suppressor (TVS) Diodes market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Transient Voltage Suppressor (TVS) Diodes is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Transient Voltage Suppressor (TVS) Diodes is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Transient Voltage Suppressor (TVS) Diodes is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Transient Voltage Suppressor (TVS) Diodes include Infineon, Nexperia, SEMTECH, Vishay, Littelfuse, BrightKing, Amazing, STMicroelectronics and ON Semiconductor, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Transient Voltage Suppressor (TVS) Diodes, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Transient Voltage Suppressor (TVS) Diodes.

The Transient Voltage Suppressor (TVS) Diodes market size, estimations, and forecasts are provided in terms of sales volume (M Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Transient Voltage Suppressor (TVS) Diodes market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

## Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Infineon

Nexperia

SEMTECH

Vishay

Littelfuse

BrightKing

Amazing

STMicroelectronics

ON Semiconductor

OmniVision

WAYON

Diodes Inc.

Bourns

LAN technology

ANOVA

MDE

TOSHIBA

UN Semiconductor

PROTEK

INPAQ

EIC

## SOCAY

### Transient Voltage Suppressor (TVS) Diodes segment by Type

Uni-polar TVS

Bi-polar TVS

### Transient Voltage Suppressor (TVS) Diodes segment by Application

Automotive

Industrial

Power Supplies

Military / Aerospace

Telecommunication

Computing

Consumer Goods

Others

### Transient Voltage Suppressor (TVS) Diodes Segment by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

#### Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

#### Latin America

Mexico

Brazil

Argentina

#### Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Transient Voltage Suppressor (TVS) Diodes market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Transient Voltage Suppressor (TVS) Diodes and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Transient Voltage Suppressor (TVS) Diodes.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Transient Voltage Suppressor (TVS) Diodes manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Transient Voltage Suppressor (TVS) Diodes in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.



## Contents

### 1 MARKET OVERVIEW

#### 1.1 Product Definition

#### 1.2 Global Market Growth Prospects

1.2.1 Global Transient Voltage Suppressor (TVS) Diodes Market Size Estimates and Forecasts (2019-2030)

1.2.2 Global Transient Voltage Suppressor (TVS) Diodes Sales Estimates and Forecasts (2019-2030)

#### 1.3 Transient Voltage Suppressor (TVS) Diodes Market by Type

1.3.1 Uni-polar TVS

1.3.2 Bi-polar TVS

#### 1.4 Global Transient Voltage Suppressor (TVS) Diodes Market Size by Type

1.4.1 Global Transient Voltage Suppressor (TVS) Diodes Market Size Overview by Type (2019-2030)

1.4.2 Global Transient Voltage Suppressor (TVS) Diodes Historic Market Size Review by Type (2019-2024)

1.4.3 Global Transient Voltage Suppressor (TVS) Diodes Forecasted Market Size by Type (2025-2030)

#### 1.5 Key Regions Market Size by Type

1.5.1 North America Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Type (2019-2024)

1.5.2 Europe Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Type (2019-2024)

1.5.3 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Type (2019-2024)

1.5.4 Latin America Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Type (2019-2024)

1.5.5 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Type (2019-2024)

### 2 GLOBAL MARKET DYNAMICS

2.1 Transient Voltage Suppressor (TVS) Diodes Industry Trends

2.2 Transient Voltage Suppressor (TVS) Diodes Industry Drivers

2.3 Transient Voltage Suppressor (TVS) Diodes Industry Opportunities and Challenges

2.4 Transient Voltage Suppressor (TVS) Diodes Industry Restraints

### **3 MARKET COMPETITIVE LANDSCAPE BY COMPANY**

- 3.1 Global Top Players by Transient Voltage Suppressor (TVS) Diodes Revenue (2019-2024)
- 3.2 Global Top Players by Transient Voltage Suppressor (TVS) Diodes Sales (2019-2024)
- 3.3 Global Top Players by Transient Voltage Suppressor (TVS) Diodes Price (2019-2024)
- 3.4 Global Transient Voltage Suppressor (TVS) Diodes Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Transient Voltage Suppressor (TVS) Diodes Key Company Manufacturing Sites & Headquarters
- 3.6 Global Transient Voltage Suppressor (TVS) Diodes Company, Product Type & Application
- 3.7 Global Transient Voltage Suppressor (TVS) Diodes Company Commercialization Time
- 3.8 Market Competitive Analysis
  - 3.8.1 Global Transient Voltage Suppressor (TVS) Diodes Market CR5 and HHI
  - 3.8.2 Global Top 5 and 10 Transient Voltage Suppressor (TVS) Diodes Players Market Share by Revenue in 2023
  - 3.8.3 2023 Transient Voltage Suppressor (TVS) Diodes Tier 1, Tier 2, and Tier

### **4 TRANSIENT VOLTAGE SUPPRESSOR (TVS) DIODES REGIONAL STATUS AND OUTLOOK**

- 4.1 Global Transient Voltage Suppressor (TVS) Diodes Market Size and CAGR by Region: 2019 VS 2023 VS 2030
- 4.2 Global Transient Voltage Suppressor (TVS) Diodes Historic Market Size by Region
  - 4.2.1 Global Transient Voltage Suppressor (TVS) Diodes Sales in Volume by Region (2019-2024)
  - 4.2.2 Global Transient Voltage Suppressor (TVS) Diodes Sales in Value by Region (2019-2024)
  - 4.2.3 Global Transient Voltage Suppressor (TVS) Diodes Sales (Volume & Value), Price and Gross Margin (2019-2024)
- 4.3 Global Transient Voltage Suppressor (TVS) Diodes Forecasted Market Size by Region
  - 4.3.1 Global Transient Voltage Suppressor (TVS) Diodes Sales in Volume by Region (2025-2030)
  - 4.3.2 Global Transient Voltage Suppressor (TVS) Diodes Sales in Value by Region

(2025-2030)

4.3.3 Global Transient Voltage Suppressor (TVS) Diodes Sales (Volume & Value), Price and Gross Margin (2025-2030)

## **5 TRANSIENT VOLTAGE SUPPRESSOR (TVS) DIODES BY APPLICATION**

5.1 Transient Voltage Suppressor (TVS) Diodes Market by Application

5.1.1 Automotive

5.1.2 Industrial

5.1.3 Power Supplies

5.1.4 Military / Aerospace

5.1.5 Telecommunication

5.1.6 Computing

5.1.7 Consumer Goods

5.1.8 Others

5.2 Global Transient Voltage Suppressor (TVS) Diodes Market Size by Application

5.2.1 Global Transient Voltage Suppressor (TVS) Diodes Market Size Overview by Application (2019-2030)

5.2.2 Global Transient Voltage Suppressor (TVS) Diodes Historic Market Size Review by Application (2019-2024)

5.2.3 Global Transient Voltage Suppressor (TVS) Diodes Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Application (2019-2024)

5.3.2 Europe Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Application (2019-2024)

5.3.4 Latin America Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Application (2019-2024)

5.3.5 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales Breakdown by Application (2019-2024)

## **6 COMPANY PROFILES**

6.1 Infineon

6.1.1 Infineon Company Information

6.1.2 Infineon Business Overview

6.1.3 Infineon Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.1.4 Infineon Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.1.5 Infineon Recent Developments

6.2 Nexperia

6.2.1 Nexperia Company Information

6.2.2 Nexperia Business Overview

6.2.3 Nexperia Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.2.4 Nexperia Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.2.5 Nexperia Recent Developments

6.3 SEMTECH

6.3.1 SEMTECH Company Information

6.3.2 SEMTECH Business Overview

6.3.3 SEMTECH Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.3.4 SEMTECH Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.3.5 SEMTECH Recent Developments

6.4 Vishay

6.4.1 Vishay Company Information

6.4.2 Vishay Business Overview

6.4.3 Vishay Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.4.4 Vishay Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.4.5 Vishay Recent Developments

6.5 Littelfuse

6.5.1 Littelfuse Company Information

6.5.2 Littelfuse Business Overview

6.5.3 Littelfuse Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.5.4 Littelfuse Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.5.5 Littelfuse Recent Developments

6.6 BrightKing

6.6.1 BrightKing Company Information

6.6.2 BrightKing Business Overview

6.6.3 BrightKing Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.6.4 BrightKing Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.6.5 BrightKing Recent Developments

## 6.7 Amazing

6.7.1 Amazing Comapny Information

6.7.2 Amazing Business Overview

6.7.3 Amazing Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.7.4 Amazing Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.7.5 Amazing Recent Developments

## 6.8 STMicroelectronics

6.8.1 STMicroelectronics Comapny Information

6.8.2 STMicroelectronics Business Overview

6.8.3 STMicroelectronics Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.8.4 STMicroelectronics Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.8.5 STMicroelectronics Recent Developments

## 6.9 ON Semiconductor

6.9.1 ON Semiconductor Comapny Information

6.9.2 ON Semiconductor Business Overview

6.9.3 ON Semiconductor Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.9.4 ON Semiconductor Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.9.5 ON Semiconductor Recent Developments

## 6.10 OmniVision

6.10.1 OmniVision Comapny Information

6.10.2 OmniVision Business Overview

6.10.3 OmniVision Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.10.4 OmniVision Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.10.5 OmniVision Recent Developments

## 6.11 WAYON

6.11.1 WAYON Comapny Information

6.11.2 WAYON Business Overview

6.11.3 WAYON Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.11.4 WAYON Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.11.5 WAYON Recent Developments

## 6.12 Diodes Inc.

6.12.1 Diodes Inc. Comapny Information

6.12.2 Diodes Inc. Business Overview

6.12.3 Diodes Inc. Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.12.4 Diodes Inc. Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.12.5 Diodes Inc. Recent Developments

6.13 Bourns

6.13.1 Bourns Comapny Information

6.13.2 Bourns Business Overview

6.13.3 Bourns Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.13.4 Bourns Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.13.5 Bourns Recent Developments

6.14 LAN technology

6.14.1 LAN technology Comapny Information

6.14.2 LAN technology Business Overview

6.14.3 LAN technology Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.14.4 LAN technology Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.14.5 LAN technology Recent Developments

6.15 ANOVA

6.15.1 ANOVA Comapny Information

6.15.2 ANOVA Business Overview

6.15.3 ANOVA Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.15.4 ANOVA Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.15.5 ANOVA Recent Developments

6.16 MDE

6.16.1 MDE Comapny Information

6.16.2 MDE Business Overview

6.16.3 MDE Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.16.4 MDE Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.16.5 MDE Recent Developments

6.17 TOSHIBA

6.17.1 TOSHIBA Comapny Information

6.17.2 TOSHIBA Business Overview

6.17.3 TOSHIBA Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.17.4 TOSHIBA Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.17.5 TOSHIBA Recent Developments

## 6.18 UN Semiconductor

6.18.1 UN Semiconductor Company Information

6.18.2 UN Semiconductor Business Overview

6.18.3 UN Semiconductor Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.18.4 UN Semiconductor Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.18.5 UN Semiconductor Recent Developments

## 6.19 PROTEK

6.19.1 PROTEK Company Information

6.19.2 PROTEK Business Overview

6.19.3 PROTEK Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.19.4 PROTEK Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.19.5 PROTEK Recent Developments

## 6.20 INPAQ

6.20.1 INPAQ Company Information

6.20.2 INPAQ Business Overview

6.20.3 INPAQ Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.20.4 INPAQ Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.20.5 INPAQ Recent Developments

## 6.21 EIC

6.21.1 EIC Company Information

6.21.2 EIC Business Overview

6.21.3 EIC Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.21.4 EIC Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.21.5 EIC Recent Developments

## 6.22 SOCAY

6.22.1 SOCAY Company Information

6.22.2 SOCAY Business Overview

6.22.3 SOCAY Transient Voltage Suppressor (TVS) Diodes Sales, Revenue and Gross Margin (2019-2024)

6.22.4 SOCAY Transient Voltage Suppressor (TVS) Diodes Product Portfolio

6.22.5 SOCAY Recent Developments

## 7 NORTH AMERICA BY COUNTRY

## 7.1 North America Transient Voltage Suppressor (TVS) Diodes Sales by Country

7.1.1 North America Transient Voltage Suppressor (TVS) Diodes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.1.2 North America Transient Voltage Suppressor (TVS) Diodes Sales by Country (2019-2024)

7.1.3 North America Transient Voltage Suppressor (TVS) Diodes Sales Forecast by Country (2025-2030)

## 7.2 North America Transient Voltage Suppressor (TVS) Diodes Market Size by Country

7.2.1 North America Transient Voltage Suppressor (TVS) Diodes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America Transient Voltage Suppressor (TVS) Diodes Market Size by Country (2019-2024)

7.2.3 North America Transient Voltage Suppressor (TVS) Diodes Market Size Forecast by Country (2025-2030)

## 8 EUROPE BY COUNTRY

### 8.1 Europe Transient Voltage Suppressor (TVS) Diodes Sales by Country

8.1.1 Europe Transient Voltage Suppressor (TVS) Diodes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Transient Voltage Suppressor (TVS) Diodes Sales by Country (2019-2024)

8.1.3 Europe Transient Voltage Suppressor (TVS) Diodes Sales Forecast by Country (2025-2030)

### 8.2 Europe Transient Voltage Suppressor (TVS) Diodes Market Size by Country

8.2.1 Europe Transient Voltage Suppressor (TVS) Diodes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Transient Voltage Suppressor (TVS) Diodes Market Size by Country (2019-2024)

8.2.3 Europe Transient Voltage Suppressor (TVS) Diodes Market Size Forecast by Country (2025-2030)

## 9 ASIA-PACIFIC BY COUNTRY

### 9.1 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales by Country

9.1.1 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales by Country (2019-2024)



9.1.3 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Market Size by Country

9.2.1 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Market Size Forecast by Country (2025-2030)

## **10 LATIN AMERICA BY COUNTRY**

10.1 Latin America Transient Voltage Suppressor (TVS) Diodes Sales by Country

10.1.1 Latin America Transient Voltage Suppressor (TVS) Diodes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Transient Voltage Suppressor (TVS) Diodes Sales by Country (2019-2024)

10.1.3 Latin America Transient Voltage Suppressor (TVS) Diodes Sales Forecast by Country (2025-2030)

10.2 Latin America Transient Voltage Suppressor (TVS) Diodes Market Size by Country

10.2.1 Latin America Transient Voltage Suppressor (TVS) Diodes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Transient Voltage Suppressor (TVS) Diodes Market Size by Country (2019-2024)

10.2.3 Latin America Transient Voltage Suppressor (TVS) Diodes Market Size Forecast by Country (2025-2030)

## **11 MIDDLE EAST AND AFRICA BY COUNTRY**

11.1 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales by Country

11.1.1 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales by Country (2019-2024)

11.1.3 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Market Size by Country

11.2.1 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Market Size by Country (2019-2024)

11.2.3 Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Market Size Forecast by Country (2025-2030)

## **12 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

12.1 Transient Voltage Suppressor (TVS) Diodes Value Chain Analysis

12.1.1 Transient Voltage Suppressor (TVS) Diodes Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Transient Voltage Suppressor (TVS) Diodes Production Mode & Process

12.2 Transient Voltage Suppressor (TVS) Diodes Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Transient Voltage Suppressor (TVS) Diodes Distributors

12.2.3 Transient Voltage Suppressor (TVS) Diodes Customers

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Major Company of Uni-polar TVS
- Table 2. Major Company of Bi-polar TVS
- Table 3. Global Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 4. Global Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (M Units)
- Table 5. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Volume by Type (2019-2024)
- Table 6. Global Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (US\$ Million)
- Table 7. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Value by Type (2019-2024)
- Table 8. Global Transient Voltage Suppressor (TVS) Diodes Price by Type (2019-2024) & (US\$/Unit)
- Table 9. Global Transient Voltage Suppressor (TVS) Diodes Sales by Type (2025-2030) & (M Units)
- Table 10. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Volume by Type (2025-2030)
- Table 11. Global Transient Voltage Suppressor (TVS) Diodes Sales by Type (2025-2030) & (US\$ Million)
- Table 12. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Value by Type (2025-2030)
- Table 13. Global Transient Voltage Suppressor (TVS) Diodes Price by Type (2025-2030) & (US\$/Unit)
- Table 14. North America Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (M Units)
- Table 15. North America Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (US\$ Million)
- Table 16. Europe Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (M Units)
- Table 17. Europe Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (US\$ Million)
- Table 18. Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (M Units)
- Table 19. Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales by Type

(2019-2024) & (US\$ Million)

Table 20. Latin America Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (M Units)

Table 21. Latin America Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (US\$ Million)

Table 22. Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (M Units)

Table 23. Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales by Type (2019-2024) & (US\$ Million)

Table 24. Transient Voltage Suppressor (TVS) Diodes Industry Trends

Table 25. Transient Voltage Suppressor (TVS) Diodes Industry Drivers

Table 26. Transient Voltage Suppressor (TVS) Diodes Industry Opportunities and Challenges

Table 27. Transient Voltage Suppressor (TVS) Diodes Industry Restraints

Table 28. Global Transient Voltage Suppressor (TVS) Diodes Sales Revenue by Company (US\$ Million) & (2019-2024)

Table 29. Global Transient Voltage Suppressor (TVS) Diodes Revenue Market Share by Company (2019-2024)

Table 30. Global Transient Voltage Suppressor (TVS) Diodes Sales by Company (2019-2024) & (M Units)

Table 31. Global Transient Voltage Suppressor (TVS) Diodes Sales Share by Company (2019-2024)

Table 32. Global Transient Voltage Suppressor (TVS) Diodes Market Price by Company (2019-2024) & (US\$/Unit)

Table 33. Global Transient Voltage Suppressor (TVS) Diodes Industry Company Ranking, 2022 VS 2023 VS 2024

Table 34. Global Transient Voltage Suppressor (TVS) Diodes Key Company Manufacturing Sites & Headquarters

Table 35. Global Transient Voltage Suppressor (TVS) Diodes Company, Product Type & Application

Table 36. Global Transient Voltage Suppressor (TVS) Diodes Company Commercialization Time

Table 37. Global Company Market Concentration Ratio (CR5 and HHI)

Table 38. Global Transient Voltage Suppressor (TVS) Diodes by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 39. Global Transient Voltage Suppressor (TVS) Diodes Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030

Table 40. Global Transient Voltage Suppressor (TVS) Diodes Sales by Region (2019-2024) & (M Units)

Table 41. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Volume by Region (2019-2024)

Table 42. Global Transient Voltage Suppressor (TVS) Diodes Sales by Region (2019-2024) & (US\$ Million)

Table 43. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Value by Region (2019-2024)

Table 44. Global Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 45. Global Transient Voltage Suppressor (TVS) Diodes Sales by Region (2025-2030) & (M Units)

Table 46. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Volume by Region (2025-2030)

Table 47. Global Transient Voltage Suppressor (TVS) Diodes Sales by Region (2025-2030) & (US\$ Million)

Table 48. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Value by Region (2025-2030)

Table 49. Global Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2025-2030)

Table 50. Global Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 51. Global Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (M Units)

Table 52. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Volume by Application (2019-2024)

Table 53. Global Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (US\$ Million)

Table 54. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Value by Application (2019-2024)

Table 55. Global Transient Voltage Suppressor (TVS) Diodes Price by Application (2019-2024) & (US\$/Unit)

Table 56. Global Transient Voltage Suppressor (TVS) Diodes Sales by Application (2025-2030) & (M Units)

Table 57. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Volume by Application (2025-2030)

Table 58. Global Transient Voltage Suppressor (TVS) Diodes Sales by Application (2025-2030) & (US\$ Million)

Table 59. Global Transient Voltage Suppressor (TVS) Diodes Sales Market Share in Value by Application (2025-2030)

Table 60. Global Transient Voltage Suppressor (TVS) Diodes Price by Application

(2025-2030) & (US\$/Unit)

Table 61. North America Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (M Units)

Table 62. North America Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (US\$ Million)

Table 63. Europe Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (M Units)

Table 64. Europe Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (US\$ Million)

Table 65. Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (M Units)

Table 66. Asia-Pacific Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (US\$ Million)

Table 67. Latin America Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (M Units)

Table 68. Latin America Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (US\$ Million)

Table 69. Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (M Units)

Table 70. Middle East and Africa Transient Voltage Suppressor (TVS) Diodes Sales by Application (2019-2024) & (US\$ Million)

Table 71. Infineon Company Information

Table 72. Infineon Business Overview

Table 73. Infineon Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 74. Infineon Transient Voltage Suppressor (TVS) Diodes Product Portfolio

Table 75. Infineon Recent Development

Table 76. Nexperia Company Information

Table 77. Nexperia Business Overview

Table 78. Nexperia Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 79. Nexperia Transient Voltage Suppressor (TVS) Diodes Product Portfolio

Table 80. Nexperia Recent Development

Table 81. SEMTECH Company Information

Table 82. SEMTECH Business Overview

Table 83. SEMTECH Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 84. SEMTECH Transient Voltage Suppressor (TVS) Diodes Product Portfolio

Table 85. SEMTECH Recent Development

- Table 86. Vishay Company Information
- Table 87. Vishay Business Overview
- Table 88. Vishay Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 89. Vishay Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 90. Vishay Recent Development
- Table 91. Littelfuse Company Information
- Table 92. Littelfuse Business Overview
- Table 93. Littelfuse Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 94. Littelfuse Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 95. Littelfuse Recent Development
- Table 96. BrightKing Company Information
- Table 97. BrightKing Business Overview
- Table 98. BrightKing Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 99. BrightKing Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 100. BrightKing Recent Development
- Table 101. Amazing Company Information
- Table 102. Amazing Business Overview
- Table 103. Amazing Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 104. Amazing Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 105. Amazing Recent Development
- Table 106. STMicroelectronics Company Information
- Table 107. STMicroelectronics Business Overview
- Table 108. STMicroelectronics Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 109. STMicroelectronics Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 110. STMicroelectronics Recent Development
- Table 111. ON Semiconductor Company Information
- Table 112. ON Semiconductor Business Overview
- Table 113. ON Semiconductor Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 114. ON Semiconductor Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 115. ON Semiconductor Recent Development
- Table 116. OmniVision Company Information

- Table 117. OmniVision Business Overview
- Table 118. OmniVision Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 119. OmniVision Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 120. OmniVision Recent Development
- Table 121. WAYON Company Information
- Table 122. WAYON Business Overview
- Table 123. WAYON Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 124. WAYON Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 125. WAYON Recent Development
- Table 126. Diodes Inc. Company Information
- Table 127. Diodes Inc. Business Overview
- Table 128. Diodes Inc. Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 129. Diodes Inc. Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 130. Diodes Inc. Recent Development
- Table 131. Bourns Company Information
- Table 132. Bourns Business Overview
- Table 133. Bourns Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 134. Bourns Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 135. Bourns Recent Development
- Table 136. LAN technology Company Information
- Table 137. LAN technology Business Overview
- Table 138. LAN technology Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 139. LAN technology Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 140. LAN technology Recent Development
- Table 141. ANOVA Company Information
- Table 142. ANOVA Business Overview
- Table 143. ANOVA Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 144. ANOVA Transient Voltage Suppressor (TVS) Diodes Product Portfolio
- Table 145. ANOVA Recent Development
- Table 146. MDE Company Information
- Table 147. MDE Business Overview
- Table 148. MDE Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue



(US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 149. MDE Transient Voltage Suppressor (TVS) Diodes Product Portfolio

Table 150. MDE Recent Development

Table 151. TOSHIBA Company Information

Table 152. TOSHIBA Business Overview

Table 153. TOSHIBA Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 154. TOSHIBA Transient Voltage Suppressor (TVS) Diodes Product Portfolio

Table 155. TOSHIBA Recent Development

Table 156. UN Semiconductor Company Information

Table 157. UN Semiconductor Business Overview

Table 158. UN Semiconductor Transient Voltage Suppressor (TVS) Diodes Sales (M Units), Revenue (US\$ Million), Price (US\$/Unit)

## I would like to order

Product name: Global Transient Voltage Suppressor (TVS) Diodes Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: <https://marketpublishers.com/r/GFD232DADDD8EN.html>

Price: US\$ 3,450.00 (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/GFD232DADDD8EN.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

