

# Global Automotive Transient Voltage Suppression Diode Market Growth 2023-2029

<https://marketpublishers.com/r/G2091BCB3332EN.html>

Date: July 2023

Pages: 103

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

ID: G2091BCB3332EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Automotive Transient Voltage Suppression Diode market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Automotive Transient Voltage Suppression Diode is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Automotive Transient Voltage Suppression Diode is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Automotive Transient Voltage Suppression Diode is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Automotive Transient Voltage Suppression Diode players cover Nexperia, Vishay, Littelfuse, ON Semiconductor, STMicroelectronics, Infineon, Diodes, Bourns and ROHM Semiconductor, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

Automotive Transient Voltage Suppression (TVS) diodes are a type of diode specifically designed for automotive applications to protect sensitive electronic components from voltage transients and surges.

LPI (LP Information)' newest research report, the “Automotive Transient Voltage Suppression Diode Industry Forecast” looks at past sales and reviews total world Automotive Transient Voltage Suppression Diode sales in 2022, providing a comprehensive analysis by region and market sector of projected Automotive Transient Voltage Suppression Diode sales for 2023 through 2029. With Automotive Transient Voltage Suppression Diode sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Transient Voltage Suppression Diode industry.

This Insight Report provides a comprehensive analysis of the global Automotive Transient Voltage Suppression Diode landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive Transient Voltage Suppression Diode portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Transient Voltage Suppression Diode market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Transient Voltage Suppression Diode and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive Transient Voltage Suppression Diode.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Transient Voltage Suppression Diode market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Uni-directional TVS Diodes

Bi-directional TVS Diodes

## Segmentation by application

Commercial Vehicle

Passenger Car

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Nexperia

Vishay

Littelfuse

ON Semiconductor

STMicroelectronics

Infineon

Diodes

Bourns

ROHM Semiconductor

Microsemi Corporation

Semtech Corporation

Renesas Electronics Corporation

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Transient Voltage Suppression Diode market?

What factors are driving Automotive Transient Voltage Suppression Diode market growth, globally and by region?

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

How do Automotive Transient Voltage Suppression Diode market opportunities vary by end market size?

How does Automotive Transient Voltage Suppression Diode break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

2.1.1 Global Automotive Transient Voltage Suppression Diode Annual Sales 2018-2029

2.1.2 World Current & Future Analysis for Automotive Transient Voltage Suppression Diode by Geographic Region, 2018, 2022 & 2029

2.1.3 World Current & Future Analysis for Automotive Transient Voltage Suppression Diode by Country/Region, 2018, 2022 & 2029

#### 2.2 Automotive Transient Voltage Suppression Diode Segment by Type

2.2.1 Uni-directional TVS Diodes

2.2.2 Bi-directional TVS Diodes

#### 2.3 Automotive Transient Voltage Suppression Diode Sales by Type

2.3.1 Global Automotive Transient Voltage Suppression Diode Sales Market Share by Type (2018-2023)

2.3.2 Global Automotive Transient Voltage Suppression Diode Revenue and Market Share by Type (2018-2023)

2.3.3 Global Automotive Transient Voltage Suppression Diode Sale Price by Type (2018-2023)

#### 2.4 Automotive Transient Voltage Suppression Diode Segment by Application

2.4.1 Commercial Vehicle

2.4.2 Passenger Car

#### 2.5 Automotive Transient Voltage Suppression Diode Sales by Application

2.5.1 Global Automotive Transient Voltage Suppression Diode Sale Market Share by Application (2018-2023)

2.5.2 Global Automotive Transient Voltage Suppression Diode Revenue and Market

Share by Application (2018-2023)

2.5.3 Global Automotive Transient Voltage Suppression Diode Sale Price by Application (2018-2023)

### **3 GLOBAL AUTOMOTIVE TRANSIENT VOLTAGE SUPPRESSION DIODE BY COMPANY**

3.1 Global Automotive Transient Voltage Suppression Diode Breakdown Data by Company

3.1.1 Global Automotive Transient Voltage Suppression Diode Annual Sales by Company (2018-2023)

3.1.2 Global Automotive Transient Voltage Suppression Diode Sales Market Share by Company (2018-2023)

3.2 Global Automotive Transient Voltage Suppression Diode Annual Revenue by Company (2018-2023)

3.2.1 Global Automotive Transient Voltage Suppression Diode Revenue by Company (2018-2023)

3.2.2 Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Company (2018-2023)

3.3 Global Automotive Transient Voltage Suppression Diode Sale Price by Company

3.4 Key Manufacturers Automotive Transient Voltage Suppression Diode Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive Transient Voltage Suppression Diode Product Location Distribution

3.4.2 Players Automotive Transient Voltage Suppression Diode Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE TRANSIENT VOLTAGE SUPPRESSION DIODE BY GEOGRAPHIC REGION**

4.1 World Historic Automotive Transient Voltage Suppression Diode Market Size by Geographic Region (2018-2023)

4.1.1 Global Automotive Transient Voltage Suppression Diode Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Automotive Transient Voltage Suppression Diode Annual Revenue by

Geographic Region (2018-2023)

4.2 World Historic Automotive Transient Voltage Suppression Diode Market Size by Country/Region (2018-2023)

4.2.1 Global Automotive Transient Voltage Suppression Diode Annual Sales by Country/Region (2018-2023)

4.2.2 Global Automotive Transient Voltage Suppression Diode Annual Revenue by Country/Region (2018-2023)

4.3 Americas Automotive Transient Voltage Suppression Diode Sales Growth

4.4 APAC Automotive Transient Voltage Suppression Diode Sales Growth

4.5 Europe Automotive Transient Voltage Suppression Diode Sales Growth

4.6 Middle East & Africa Automotive Transient Voltage Suppression Diode Sales Growth

## **5 AMERICAS**

5.1 Americas Automotive Transient Voltage Suppression Diode Sales by Country

5.1.1 Americas Automotive Transient Voltage Suppression Diode Sales by Country (2018-2023)

5.1.2 Americas Automotive Transient Voltage Suppression Diode Revenue by Country (2018-2023)

5.2 Americas Automotive Transient Voltage Suppression Diode Sales by Type

5.3 Americas Automotive Transient Voltage Suppression Diode Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Automotive Transient Voltage Suppression Diode Sales by Region

6.1.1 APAC Automotive Transient Voltage Suppression Diode Sales by Region (2018-2023)

6.1.2 APAC Automotive Transient Voltage Suppression Diode Revenue by Region (2018-2023)

6.2 APAC Automotive Transient Voltage Suppression Diode Sales by Type

6.3 APAC Automotive Transient Voltage Suppression Diode Sales by Application

6.4 China

6.5 Japan

6.6 South Korea



- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Automotive Transient Voltage Suppression Diode by Country
  - 7.1.1 Europe Automotive Transient Voltage Suppression Diode Sales by Country (2018-2023)
  - 7.1.2 Europe Automotive Transient Voltage Suppression Diode Revenue by Country (2018-2023)
- 7.2 Europe Automotive Transient Voltage Suppression Diode Sales by Type
- 7.3 Europe Automotive Transient Voltage Suppression Diode Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Automotive Transient Voltage Suppression Diode by Country
  - 8.1.1 Middle East & Africa Automotive Transient Voltage Suppression Diode Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Automotive Transient Voltage Suppression Diode Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Automotive Transient Voltage Suppression Diode Sales by Type
- 8.3 Middle East & Africa Automotive Transient Voltage Suppression Diode Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Automotive Transient Voltage Suppression Diode
- 10.3 Manufacturing Process Analysis of Automotive Transient Voltage Suppression Diode
- 10.4 Industry Chain Structure of Automotive Transient Voltage Suppression Diode

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Automotive Transient Voltage Suppression Diode Distributors
- 11.3 Automotive Transient Voltage Suppression Diode Customer

## **12 WORLD FORECAST REVIEW FOR AUTOMOTIVE TRANSIENT VOLTAGE SUPPRESSION DIODE BY GEOGRAPHIC REGION**

- 12.1 Global Automotive Transient Voltage Suppression Diode Market Size Forecast by Region
  - 12.1.1 Global Automotive Transient Voltage Suppression Diode Forecast by Region (2024-2029)
  - 12.1.2 Global Automotive Transient Voltage Suppression Diode Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Automotive Transient Voltage Suppression Diode Forecast by Type
- 12.7 Global Automotive Transient Voltage Suppression Diode Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

## 13.1 Nexperia

### 13.1.1 Nexperia Company Information

### 13.1.2 Nexperia Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

### 13.1.3 Nexperia Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.1.4 Nexperia Main Business Overview

### 13.1.5 Nexperia Latest Developments

## 13.2 Vishay

### 13.2.1 Vishay Company Information

### 13.2.2 Vishay Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

### 13.2.3 Vishay Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.2.4 Vishay Main Business Overview

### 13.2.5 Vishay Latest Developments

## 13.3 Littelfuse

### 13.3.1 Littelfuse Company Information

### 13.3.2 Littelfuse Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

### 13.3.3 Littelfuse Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.3.4 Littelfuse Main Business Overview

### 13.3.5 Littelfuse Latest Developments

## 13.4 ON Semiconductor

### 13.4.1 ON Semiconductor Company Information

### 13.4.2 ON Semiconductor Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

### 13.4.3 ON Semiconductor Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.4.4 ON Semiconductor Main Business Overview

### 13.4.5 ON Semiconductor Latest Developments

## 13.5 STMicroelectronics

### 13.5.1 STMicroelectronics Company Information

### 13.5.2 STMicroelectronics Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

### 13.5.3 STMicroelectronics Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.5.4 STMicroelectronics Main Business Overview

- 13.5.5 STMicroelectronics Latest Developments
- 13.6 Infineon
  - 13.6.1 Infineon Company Information
  - 13.6.2 Infineon Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
  - 13.6.3 Infineon Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 Infineon Main Business Overview
  - 13.6.5 Infineon Latest Developments
- 13.7 Diodes
  - 13.7.1 Diodes Company Information
  - 13.7.2 Diodes Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
  - 13.7.3 Diodes Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 Diodes Main Business Overview
  - 13.7.5 Diodes Latest Developments
- 13.8 Bourns
  - 13.8.1 Bourns Company Information
  - 13.8.2 Bourns Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
  - 13.8.3 Bourns Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.8.4 Bourns Main Business Overview
  - 13.8.5 Bourns Latest Developments
- 13.9 ROHM Semiconductor
  - 13.9.1 ROHM Semiconductor Company Information
  - 13.9.2 ROHM Semiconductor Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
  - 13.9.3 ROHM Semiconductor Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.9.4 ROHM Semiconductor Main Business Overview
  - 13.9.5 ROHM Semiconductor Latest Developments
- 13.10 Microsemi Corporation
  - 13.10.1 Microsemi Corporation Company Information
  - 13.10.2 Microsemi Corporation Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
  - 13.10.3 Microsemi Corporation Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.10.4 Microsemi Corporation Main Business Overview
- 13.10.5 Microsemi Corporation Latest Developments
- 13.11 Semtech Corporation
  - 13.11.1 Semtech Corporation Company Information
  - 13.11.2 Semtech Corporation Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
  - 13.11.3 Semtech Corporation Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.11.4 Semtech Corporation Main Business Overview
  - 13.11.5 Semtech Corporation Latest Developments
- 13.12 Renesas Electronics Corporation
  - 13.12.1 Renesas Electronics Corporation Company Information
  - 13.12.2 Renesas Electronics Corporation Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
  - 13.12.3 Renesas Electronics Corporation Automotive Transient Voltage Suppression Diode Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.12.4 Renesas Electronics Corporation Main Business Overview
  - 13.12.5 Renesas Electronics Corporation Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Automotive Transient Voltage Suppression Diode Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Automotive Transient Voltage Suppression Diode Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Uni-directional TVS Diodes

Table 4. Major Players of Bi-directional TVS Diodes

Table 5. Global Automotive Transient Voltage Suppression Diode Sales by Type (2018-2023) & (K Units)

Table 6. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Type (2018-2023)

Table 7. Global Automotive Transient Voltage Suppression Diode Revenue by Type (2018-2023) & (\$ million)

Table 8. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Type (2018-2023)

Table 9. Global Automotive Transient Voltage Suppression Diode Sale Price by Type (2018-2023) & (US\$/Unit)

Table 10. Global Automotive Transient Voltage Suppression Diode Sales by Application (2018-2023) & (K Units)

Table 11. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Application (2018-2023)

Table 12. Global Automotive Transient Voltage Suppression Diode Revenue by Application (2018-2023)

Table 13. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Application (2018-2023)

Table 14. Global Automotive Transient Voltage Suppression Diode Sale Price by Application (2018-2023) & (US\$/Unit)

Table 15. Global Automotive Transient Voltage Suppression Diode Sales by Company (2018-2023) & (K Units)

Table 16. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Company (2018-2023)

Table 17. Global Automotive Transient Voltage Suppression Diode Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Company (2018-2023)

Table 19. Global Automotive Transient Voltage Suppression Diode Sale Price by

Company (2018-2023) & (US\$/Unit)

Table 20. Key Manufacturers Automotive Transient Voltage Suppression Diode Producing Area Distribution and Sales Area

Table 21. Players Automotive Transient Voltage Suppression Diode Products Offered

Table 22. Automotive Transient Voltage Suppression Diode Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Automotive Transient Voltage Suppression Diode Sales by Geographic Region (2018-2023) & (K Units)

Table 26. Global Automotive Transient Voltage Suppression Diode Sales Market Share Geographic Region (2018-2023)

Table 27. Global Automotive Transient Voltage Suppression Diode Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global Automotive Transient Voltage Suppression Diode Sales by Country/Region (2018-2023) & (K Units)

Table 30. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Country/Region (2018-2023)

Table 31. Global Automotive Transient Voltage Suppression Diode Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Country/Region (2018-2023)

Table 33. Americas Automotive Transient Voltage Suppression Diode Sales by Country (2018-2023) & (K Units)

Table 34. Americas Automotive Transient Voltage Suppression Diode Sales Market Share by Country (2018-2023)

Table 35. Americas Automotive Transient Voltage Suppression Diode Revenue by Country (2018-2023) & (\$ Millions)

Table 36. Americas Automotive Transient Voltage Suppression Diode Revenue Market Share by Country (2018-2023)

Table 37. Americas Automotive Transient Voltage Suppression Diode Sales by Type (2018-2023) & (K Units)

Table 38. Americas Automotive Transient Voltage Suppression Diode Sales by Application (2018-2023) & (K Units)

Table 39. APAC Automotive Transient Voltage Suppression Diode Sales by Region (2018-2023) & (K Units)

Table 40. APAC Automotive Transient Voltage Suppression Diode Sales Market Share

by Region (2018-2023)

Table 41. APAC Automotive Transient Voltage Suppression Diode Revenue by Region (2018-2023) & (\$ Millions)

Table 42. APAC Automotive Transient Voltage Suppression Diode Revenue Market Share by Region (2018-2023)

Table 43. APAC Automotive Transient Voltage Suppression Diode Sales by Type (2018-2023) & (K Units)

Table 44. APAC Automotive Transient Voltage Suppression Diode Sales by Application (2018-2023) & (K Units)

Table 45. Europe Automotive Transient Voltage Suppression Diode Sales by Country (2018-2023) & (K Units)

Table 46. Europe Automotive Transient Voltage Suppression Diode Sales Market Share by Country (2018-2023)

Table 47. Europe Automotive Transient Voltage Suppression Diode Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe Automotive Transient Voltage Suppression Diode Revenue Market Share by Country (2018-2023)

Table 49. Europe Automotive Transient Voltage Suppression Diode Sales by Type (2018-2023) & (K Units)

Table 50. Europe Automotive Transient Voltage Suppression Diode Sales by Application (2018-2023) & (K Units)

Table 51. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales by Country (2018-2023) & (K Units)

Table 52. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa Automotive Transient Voltage Suppression Diode Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa Automotive Transient Voltage Suppression Diode Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales by Type (2018-2023) & (K Units)

Table 56. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales by Application (2018-2023) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Automotive Transient Voltage Suppression Diode

Table 58. Key Market Challenges & Risks of Automotive Transient Voltage Suppression Diode

Table 59. Key Industry Trends of Automotive Transient Voltage Suppression Diode

Table 60. Automotive Transient Voltage Suppression Diode Raw Material



- Table 61. Key Suppliers of Raw Materials
- Table 62. Automotive Transient Voltage Suppression Diode Distributors List
- Table 63. Automotive Transient Voltage Suppression Diode Customer List
- Table 64. Global Automotive Transient Voltage Suppression Diode Sales Forecast by Region (2024-2029) & (K Units)
- Table 65. Global Automotive Transient Voltage Suppression Diode Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 66. Americas Automotive Transient Voltage Suppression Diode Sales Forecast by Country (2024-2029) & (K Units)
- Table 67. Americas Automotive Transient Voltage Suppression Diode Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 68. APAC Automotive Transient Voltage Suppression Diode Sales Forecast by Region (2024-2029) & (K Units)
- Table 69. APAC Automotive Transient Voltage Suppression Diode Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 70. Europe Automotive Transient Voltage Suppression Diode Sales Forecast by Country (2024-2029) & (K Units)
- Table 71. Europe Automotive Transient Voltage Suppression Diode Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 72. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales Forecast by Country (2024-2029) & (K Units)
- Table 73. Middle East & Africa Automotive Transient Voltage Suppression Diode Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Global Automotive Transient Voltage Suppression Diode Sales Forecast by Type (2024-2029) & (K Units)
- Table 75. Global Automotive Transient Voltage Suppression Diode Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 76. Global Automotive Transient Voltage Suppression Diode Sales Forecast by Application (2024-2029) & (K Units)
- Table 77. Global Automotive Transient Voltage Suppression Diode Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 78. Nexperia Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors
- Table 79. Nexperia Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications
- Table 80. Nexperia Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 81. Nexperia Main Business
- Table 82. Nexperia Latest Developments

Table 83. Vishay Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 84. Vishay Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 85. Vishay Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 86. Vishay Main Business

Table 87. Vishay Latest Developments

Table 88. Littelfuse Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 89. Littelfuse Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 90. Littelfuse Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 91. Littelfuse Main Business

Table 92. Littelfuse Latest Developments

Table 93. ON Semiconductor Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 94. ON Semiconductor Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 95. ON Semiconductor Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 96. ON Semiconductor Main Business

Table 97. ON Semiconductor Latest Developments

Table 98. STMicroelectronics Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 99. STMicroelectronics Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 100. STMicroelectronics Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 101. STMicroelectronics Main Business

Table 102. STMicroelectronics Latest Developments

Table 103. Infineon Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 104. Infineon Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 105. Infineon Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 106. Infineon Main Business

Table 107. Infineon Latest Developments

Table 108. Diodes Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 109. Diodes Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 110. Diodes Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 111. Diodes Main Business

Table 112. Diodes Latest Developments

Table 113. Bourns Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 114. Bourns Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 115. Bourns Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 116. Bourns Main Business

Table 117. Bourns Latest Developments

Table 118. ROHM Semiconductor Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 119. ROHM Semiconductor Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 120. ROHM Semiconductor Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 121. ROHM Semiconductor Main Business

Table 122. ROHM Semiconductor Latest Developments

Table 123. Microsemi Corporation Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 124. Microsemi Corporation Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 125. Microsemi Corporation Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 126. Microsemi Corporation Main Business

Table 127. Microsemi Corporation Latest Developments

Table 128. Semtech Corporation Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 129. Semtech Corporation Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 130. Semtech Corporation Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 131. Semtech Corporation Main Business

Table 132. Semtech Corporation Latest Developments

Table 133. Renesas Electronics Corporation Basic Information, Automotive Transient Voltage Suppression Diode Manufacturing Base, Sales Area and Its Competitors

Table 134. Renesas Electronics Corporation Automotive Transient Voltage Suppression Diode Product Portfolios and Specifications

Table 135. Renesas Electronics Corporation Automotive Transient Voltage Suppression Diode Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 136. Renesas Electronics Corporation Main Business

Table 137. Renesas Electronics Corporation Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Automotive Transient Voltage Suppression Diode

Figure 2. Automotive Transient Voltage Suppression Diode Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Automotive Transient Voltage Suppression Diode Sales Growth Rate 2018-2029 (K Units)

Figure 7. Global Automotive Transient Voltage Suppression Diode Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. Automotive Transient Voltage Suppression Diode Sales by Region (2018, 2022 & 2029) & (\$ Millions)

Figure 9. Product Picture of Uni-directional TVS Diodes

Figure 10. Product Picture of Bi-directional TVS Diodes

Figure 11. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Type in 2022

Figure 12. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Type (2018-2023)

Figure 13. Automotive Transient Voltage Suppression Diode Consumed in Commercial Vehicle

Figure 14. Global Automotive Transient Voltage Suppression Diode Market: Commercial Vehicle (2018-2023) & (K Units)

Figure 15. Automotive Transient Voltage Suppression Diode Consumed in Passenger Car

Figure 16. Global Automotive Transient Voltage Suppression Diode Market: Passenger Car (2018-2023) & (K Units)

Figure 17. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Application (2022)

Figure 18. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Application in 2022

Figure 19. Automotive Transient Voltage Suppression Diode Sales Market by Company in 2022 (K Units)

Figure 20. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Company in 2022

Figure 21. Automotive Transient Voltage Suppression Diode Revenue Market by Company in 2022 (\$ Million)

Figure 22. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Company in 2022

Figure 23. Global Automotive Transient Voltage Suppression Diode Sales Market Share by Geographic Region (2018-2023)

Figure 24. Global Automotive Transient Voltage Suppression Diode Revenue Market Share by Geographic Region in 2022

Figure 25. Americas Automotive Transient Voltage Suppression Diode Sales 2018-2023 (K Units)

Figure 26. Americas Automotive Transient Voltage Suppression Diode Revenue 2018-2023 (\$ Millions)

Figure 27. APAC Automotive Transient Voltage Suppression Diode Sales 2018-2023 (K Units)

Figure 28. APAC Automotive Transient Voltage Suppression Diode Revenue 2018-2023 (\$ Millions)

Figure 29. Europe Automotive Transient Voltage Suppression Diode Sales 2018-2023 (K Units)

Figure 30. Europe Automotive Transient Voltage Suppression Diode Revenue 2018-2023 (\$ Millions)

Figure 31. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales 2018-2023 (K Units)

Figure 32. Middle East & Africa Automotive Transient Voltage Suppression Diode Revenue 2018-2023 (\$ Millions)

Figure 33. Americas Automotive Transient Voltage Suppression Diode Sales Market Share by Country in 2022

Figure 34. Americas Automotive Transient Voltage Suppression Diode Revenue Market Share by Country in 2022

Figure 35. Americas Automotive Transient Voltage Suppression Diode Sales Market Share by Type (2018-2023)

Figure 36. Americas Automotive Transient Voltage Suppression Diode Sales Market Share by Application (2018-2023)

Figure 37. United States Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 38. Canada Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 39. Mexico Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 40. Brazil Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 41. APAC Automotive Transient Voltage Suppression Diode Sales Market Share

by Region in 2022

Figure 42. APAC Automotive Transient Voltage Suppression Diode Revenue Market Share by Regions in 2022

Figure 43. APAC Automotive Transient Voltage Suppression Diode Sales Market Share by Type (2018-2023)

Figure 44. APAC Automotive Transient Voltage Suppression Diode Sales Market Share by Application (2018-2023)

Figure 45. China Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 46. Japan Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 47. South Korea Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Southeast Asia Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 49. India Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 50. Australia Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 51. China Taiwan Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Europe Automotive Transient Voltage Suppression Diode Sales Market Share by Country in 2022

Figure 53. Europe Automotive Transient Voltage Suppression Diode Revenue Market Share by Country in 2022

Figure 54. Europe Automotive Transient Voltage Suppression Diode Sales Market Share by Type (2018-2023)

Figure 55. Europe Automotive Transient Voltage Suppression Diode Sales Market Share by Application (2018-2023)

Figure 56. Germany Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 57. France Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 58. UK Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 59. Italy Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 60. Russia Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales Market Share by Country in 2022

Figure 62. Middle East & Africa Automotive Transient Voltage Suppression Diode Revenue Market Share by Country in 2022

Figure 63. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales Market Share by Type (2018-2023)

Figure 64. Middle East & Africa Automotive Transient Voltage Suppression Diode Sales Market Share by Application (2018-2023)

Figure 65. Egypt Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 66. South Africa Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 67. Israel Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Turkey Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 69. GCC Country Automotive Transient Voltage Suppression Diode Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Manufacturing Cost Structure Analysis of Automotive Transient Voltage Suppression Diode in 2022

Figure 71. Manufacturing Process Analysis of Automotive Transient Voltage Suppression Diode

Figure 72. Industry Chain Structure of Automotive Transient Voltage Suppression Diode

Figure 73. Channels of Distribution

Figure 74. Global Automotive Transient Voltage Suppression Diode Sales Market Forecast by Region (2024-2029)

Figure 75. Global Automotive Transient Voltage Suppression Diode Revenue Market Share Forecast by Region (2024-2029)

Figure 76. Global Automotive Transient Voltage Suppression Diode Sales Market Share Forecast by Type (2024-2029)

Figure 77. Global Automotive Transient Voltage Suppression Diode Revenue Market Share Forecast by Type (2024-2029)

Figure 78. Global Automotive Transient Voltage Suppression Diode Sales Market Share Forecast by Application (2024-2029)

Figure 79. Global Automotive Transient Voltage Suppression Diode Revenue Market Share Forecast by Application (2024-2029)



## I would like to order

Product name: Global Automotive Transient Voltage Suppression Diode Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G2091BCB3332EN.html>

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

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

[info@marketpublishers.com](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/G2091BCB3332EN.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