

Global Automotive ESD Protection Devices Market Growth 2025-2031

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Abstracts

The global Automotive ESD Protection Devices market size is predicted to grow from US\$ 181 million in 2025 to US\$ 268 million in 2031; it is expected to grow at a CAGR of 6.7% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Automotive ESD Protection Devices are specialized components designed to shield automotive electronic systems from electrostatic discharge and other transient voltage events. These devices are critical for safeguarding sensitive components in ECUs, sensors, infotainment units, and vehicle communication buses such as CAN, LIN, FlexRay, and automotive Ethernet.

United States market for Automotive ESD Protection Devices is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Automotive ESD Protection Devices is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Automotive ESD Protection Devices is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Automotive ESD Protection Devices players cover Vishay, On semiconductor, Toshiba, Texas Instruments, Littelfuse, etc. In terms of revenue, the

global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Automotive ESD Protection Devices Industry Forecast” looks at past sales and reviews total world Automotive ESD Protection Devices sales in 2024, providing a comprehensive analysis by region and market sector of projected Automotive ESD Protection Devices sales for 2025 through 2031. With Automotive ESD Protection Devices sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive ESD Protection Devices industry.

This Insight Report provides a comprehensive analysis of the global Automotive ESD Protection Devices 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 ESD Protection Devices portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive ESD Protection Devices market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive ESD Protection Devices 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 ESD Protection Devices.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive ESD Protection Devices market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Below 10 pF

10 pf~20 pF

Above 20 pF

Segmentation by Application:

Passenger Cars

Commercial Vehicles

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 analysing the company's coverage, product portfolio, its market penetration.

Vishay

On semiconductor

Toshiba

Texas Instruments

Littelfuse

Infineon

NXP

STMicroelectronics

BrightKing

Nexperia

AOSMD

Semtech

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive ESD Protection Devices market?

What factors are driving Automotive ESD Protection Devices market growth, globally and by region?

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

How do Automotive ESD Protection Devices market opportunities vary by end market size?

How does Automotive ESD Protection Devices break out by Type, by Application?

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