

Electrostatic discharge (ESD) Protection Devices - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/E84C2D48BACEN.html>

Date: February 2019

Pages: 184

Price: US\$ 4,150.00 (Single User License)

ID: E84C2D48BACEN

Abstracts

According to Statistics MRC, the Global Electrostatic discharge (ESD) Protection Devices Market is accounted for \$2712.10 million in 2017 and is expected to reach \$4292.11 million by 2026 growing at a CAGR of 5.2% during the forecast period. Growing number of data centers, increasing usage of mobile devices and rising adoption of IoT are the boosting factors for the market growth. However, factors such as competition among local vendors and design issues are hindering the market growth.

An ESD protection device protects electrical equipment from electrostatic discharges. ESD protection devices channelize an electrostatic surge to the ground in order to protect the device. An ESD protection device is any component which can be damaged by common static charges which build up on people, tools, and other non-conductors or semiconductors. ESD Protection Devices are employed at all points where electrical devices are likely to come in contact with a person or an object. ESD is the transfer of energy between any two objects that are differently charged, which can otherwise be hazardous to the electronic device as well as the user.

Based on End User, the Consumer Electronics segment held significant growth during the forecast period due to increasing smartphone penetration in developing economies and an increase in the purchase of smart wearables. Consumer electronics is a huge potential area for the Internet of Things (IoT) which fuels the demand for (ESD) Protection Devices. By geography, Asia Pacific holds the largest market share during the forecast period due to the growth of the manufacturing sector.

Some of the key players profiled in the Electrostatic discharge (ESD) Protection Devices include ROHM Semiconductor, Semtech Corporation, Littelfuse, Inc., Texas Instruments Incorporated, Murata Manufacturing Co., Ltd., Infineon Technologies AG, Nexperia, ON

Semiconductor Corporation, Bourns, Inc. and STMicroelectronics N.V.

Products Covered:

Self Restoring Fuse

Ordinary Fuse

Thermal Fuse

Types Covered:

Semiconductor based ESD Protection Devices

Ceramic based ESD Protection Devices

Directionalities Covered:

Bidirectional

Unidirectional

Product Types Covered:

Resin

Plastic

Voltages Covered:

Clamping Voltage Max >300V

Clamping Voltage Max 200 to 300V

Clamping Voltage Max 100 to 200V

Clamping Voltage Max

Applications Covered:

Power-line Protection

Data-line Protection

Computers

Servers

Test Equipment

Mobile Devices

Digital Screens

Security and Alarm Systems

Medical Equipment

Point-of-Sales Terminals

Digital Screens

Other Applications

End Users Covered:

Aerospace & Defense

Consumer Electronics

Automotive

Precision Instruments

Motor Drive

Renewable

Food Industry

Chemical Industry

Power Infrastructure

Circuit board

Electronic equipment

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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