

Asia Pacific eFuse Market Size study, By Type (Latched Type eFuse, Auto-retry Type eFuse), By End-use (Automotive and Transportation, Aerospace and Defense, Electronics, Others) and Country Forecasts 2022-2032

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Abstracts

Asia Pacific eFuse Market is valued approximately USD 189.35 million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.49% over the forecast period 2024-2032. eFuse, is a semiconductor device used to protect electronic circuits from overcurrent or overvoltage conditions. These fuses are often integrated into integrated circuits (ICs) or microcontrollers to provide built-in protection for sensitive components. Furthermore, rising focus on miniaturization are gaining attention towards Asia Pacific eFuse Market. Miniaturized eFuses provide essential protection for the electronic components in IoT devices, ensuring their reliable operation in diverse environments.

The Asia Pacific eFuse Market is driven by increasing production on semiconductors and growing demand for consumer electronics across the region. eFuses offer programmable and configurable protection features that enhance the safety and reliability of semiconductor-based systems. In addition, Consumer electronics rely on sophisticated power management systems to optimize energy usage and prolong battery life. eFuses play a crucial role in protecting power distribution circuits, charging circuits, and battery management systems from electrical faults, ensuring safe and efficient operation of consumer devices. However, high cost of eFuse and complexity of integration is going to impede the overall demand for the market during the forecast period 2024-2032.

The key Countries considered for the Asia Pacific eFuse market study includes China,

India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market owing to factors such as increasing rate of industrialization across the region. Industrialization is driving the transformation of traditional manufacturing facilities into smart factories equipped with advanced sensors, controllers, and communication networks. eFuses are essential components in smart factory infrastructure, providing protection for sensitive electronics and ensuring uninterrupted operation of critical systems. Furthermore, the market in India, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Toshiba Electronic Devices & Storage Corporation

Rohm Co., Ltd.

SK hynix Inc

Taiwan Semiconductor Manufacturing Company

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Latched Type eFuse

Auto-retry Type eFuse

By End-use

Automotive and Transportation

Aerospace and Defense

Electronics

Others

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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