

# Europe 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

Europe eFuse Market is valued approximately USD 162.30 million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.14% 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 emphasis on automotive safety and electrification are gaining attention towards Europe eFuse Market. Electric vehicles (EVs) rely on sophisticated power electronics and battery management systems (BMS) to manage energy storage and propulsion. eFuses are essential components in EVs, providing protection for high-voltage circuits, battery packs, and charging systems, thereby ensuring the safety and reliability of electric vehicles on European roads.

The Europe eFuse Market is driven by expansion of industrial IoT (IIoT) and rising industrial automation across the region. eFuses offer compact and integrated protection solutions that can be seamlessly integrated into IIoT devices, minimizing footprint and complexity while maximizing protection capabilities. The demand for compact and efficient protection solutions drives the adoption of eFuses in IIoT applications. In addition, industrial applications require high levels of reliability and predictability to ensure uninterrupted operation and prevent costly downtime. eFuses offer fast-acting and programmable protection features that can respond quickly to electrical faults, minimizing the risk of damage to IIoT devices and associated equipment. 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 Europe eFuse market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the largest regional market owing to factors such as increasing production of automobiles across the region. Modern vehicles are equipped with a wide array of electronic components and systems, ranging from engine control units (ECUs) and infotainment systems to safety features and advanced driver-assistance systems (ADAS). These electronic systems require protection against electrical faults such as overcurrent and overvoltage events. eFuses are integrated into automotive electronics to provide reliable protection, ensuring the safety and longevity of the vehicle's electrical systems. Furthermore, the market in UK, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

STMicroelectronics NV

NXP Semiconductors N.V

Infineon Technologies AG

Company 4

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:

Europe

UK  
Germany  
France  
Spain  
Italy  
ROE

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.

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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