

Fast Recovery Epitaxial Diode (FRED) Market, Global Outlook and Forecast 2022-2028

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Abstracts

Fast recovery epitaxial diode (FRED) is mainly used in high frequency switching circuits. It adopts an epitaxial PiN structure, and its reverse recovery time can be less than 50 ns, generally tens to hundreds of ns, and the forward voltage drop can be reduced. To about 0.9V, generally less than 2.0V, its reverse withstand voltage is mostly below 1200V, which can be used for occasions where the switching frequency is 20-50kHz.

This report contains market size and forecasts of Fast Recovery Epitaxial Diode (FRED) in global, including the following market information:

Global Fast Recovery Epitaxial Diode (FRED) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Fast Recovery Epitaxial Diode (FRED) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Fast Recovery Epitaxial Diode (FRED) companies in 2021 (%)

The global Fast Recovery Epitaxial Diode (FRED) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

FRED Chips Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Fast Recovery Epitaxial Diode (FRED) include Infineon Technologies, Microsemi (Microchip), Vishay Intertechnology, STMicroelectronics, Littelfuse, Nell Power Semiconductor, ROHM, Powersem and Macmic Science & Technology, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Fast Recovery Epitaxial Diode (FRED) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Fast Recovery Epitaxial Diode (FRED) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Fast Recovery Epitaxial Diode (FRED) Market Segment Percentages, by Type, 2021 (%)

FRED Chips

FRED Discretes

FRED Modules

Global Fast Recovery Epitaxial Diode (FRED) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Fast Recovery Epitaxial Diode (FRED) Market Segment Percentages, by Application, 2021 (%)

Industrial Control

New Energy Power Generation

Electric Vehicle

Others

Global Fast Recovery Epitaxial Diode (FRED) Market, By Region and Country,
2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Fast Recovery Epitaxial Diode (FRED) Market Segment Percentages, By Region
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Fast Recovery Epitaxial Diode (FRED) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Fast Recovery Epitaxial Diode (FRED) revenues share in global market,

2021 (%)

Key companies Fast Recovery Epitaxial Diode (FRED) sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Fast Recovery Epitaxial Diode (FRED) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Infineon Technologies

Microsemi (Microchip)

Vishay Intertechnology

STMicroelectronics

Littelfuse

Nell Power Semiconductor

ROHM

Powersem

Macmic Science & Technology

Yangjie Electronic Technology

Guoyu Electronics

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