

# Global Radiation-Hardened High Voltage Integrated Circuits Market Growth 2024-2030

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## Abstracts

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Radiation-hardened high-voltage integrated circuits (ICs) are specialized components designed to operate reliably in environments with high levels of ionizing radiation, such as outer space, nuclear facilities, and certain military applications. These ICs are engineered to withstand the damaging effects of radiation, including single-event effects (SEE), total ionizing dose (TID), and displacement damage, while also handling high voltage levels.

The global Radiation-Hardened High Voltage Integrated Circuits market size is projected to grow from US\$ 693 million in 2024 to US\$ 1181 million in 2030; it is expected to grow at a CAGR of 9.3% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Radiation-Hardened High Voltage Integrated Circuits Industry Forecast" looks at past sales and reviews total world Radiation-Hardened High Voltage Integrated Circuits sales in 2023, providing a comprehensive analysis by region and market sector of projected Radiation-Hardened High Voltage Integrated Circuits sales for 2024 through 2030. With Radiation-Hardened High Voltage Integrated Circuits sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Radiation-Hardened High Voltage Integrated Circuits industry.

This Insight Report provides a comprehensive analysis of the global Radiation-Hardened High Voltage Integrated Circuits 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 Radiation-Hardened High Voltage Integrated Circuits portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Radiation-Hardened High Voltage Integrated Circuits market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Radiation-Hardened High Voltage Integrated Circuits 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 Radiation-Hardened High Voltage Integrated Circuits.

United States market for Radiation-Hardened High Voltage Integrated Circuits is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Radiation-Hardened High Voltage Integrated Circuits is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Radiation-Hardened High Voltage Integrated Circuits is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Radiation-Hardened High Voltage Integrated Circuits players cover Texas Instruments, Analog Devices, STMicroelectronics, Renesas Electronics, Onsemi, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Radiation-Hardened High Voltage Integrated Circuits market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Analog Switch

Dc/Dc Converter Chip

Gate Driver Chip

Other

Segmentation by Application:

Aerospace

Defense and Military

Nuclear

Other

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.

Texas Instruments

Analog Devices

STMicroelectronics

Renesas Electronics

Onsemi

Microchip Technology

Honeywell Aerospace

Infineon Technologies

Triad Semiconductor

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Radiation-Hardened High Voltage Integrated Circuits market?

What factors are driving Radiation-Hardened High Voltage Integrated Circuits market growth, globally and by region?

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

How do Radiation-Hardened High Voltage Integrated Circuits market opportunities vary by end market size?

How does Radiation-Hardened High Voltage Integrated Circuits break out by Type, by Application?

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