

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Radiation-Hardened Electronics Market 2018, Forecast to 2023

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Abstracts

Radiation hardening is the act of making electronic components and systems resistant to damage or malfunctions caused by ionizing radiation (particle radiation and high-energy electromagnetic radiation)

Scope of the Report:

This report focuses on the Radiation-Hardened Electronics in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The radiation-hardened electronics market for the radiation hardening by design (RHBD) is expected to be the fastest-growing market by 2023. The RHBD technique is expected to have good opportunities in the near future as it can provide immunity from total-dose and single-event effects in commercially produced circuitry. The defense & space industries mostly use RHBD memories, microcontrollers, and ASICs in their applications and it also has a wide scope in military applications.

North America held the largest share of the radiation-hardened electronics market in 2017. The high growth of the market in this region can be attributed to the increasing demand for rad-hard products owing to the presence of a large number of rad-hard component manufacturers as well as top private & government space institutes in North America.

The worldwide market for Radiation-Hardened Electronics is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Honeywell Aerospace

Bae Systems

Texas Instruments

STMicroelectronics

Atmel

Microsemi

Xilinx

Cobham

VPT

Data Device Corporation

Linear Technology

Ridgetop

Vorago Technologies

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Radiation Hardening by Design (RHBD)

Radiation Hardening by Process (RHBP)

Market Segment by Applications, can be divided into

Space (Satellite)

Aerospace & Defense

Nuclear Power Plant

There are 15 Chapters to deeply display the global Radiation-Hardened Electronics market.

Chapter 1, to describe Radiation-Hardened Electronics Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Radiation-Hardened Electronics, with sales, revenue, and price of Radiation-Hardened Electronics, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Radiation-Hardened Electronics, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share

and growth rate by type, application, from 2013 to 2018;

Chapter 12, Radiation-Hardened Electronics market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Radiation-Hardened Electronics sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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