

Global High-Temperature Electronic Market Research Report 2023

<https://marketpublishers.com/r/G560056BF361EN.html>

Date: December 2023

Pages: 97

Price: US\$ 2,900.00 (Single User License)

ID: G560056BF361EN

Abstracts

High temperature electronics are the devices which have operating temperature greater than standard temperature. The requirement of temperature, ranges from 200-400 degree Celsius. This type of technology is identified as critical technology as it can perform in harsh environments.

According to QYResearch's new survey, global High-Temperature Electronic market is projected to reach US\$ 5233 million in 2029, increasing from US\$ 3265 million in 2022, with the CAGR of 7.0% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole High-Temperature Electronic market research.

According to our research, the global Electronic Components market is approximately USD 466.61 billion in 2022. The Asia-Pacific region is a major market for electronic components. The downstream application fields of the electronic components industry are extensive, including communication equipment, consumer electronics, automotive electronics, smart home, industrial control, military security and other fields. Unlike the strong industry demand in 2021, downstream industry demand in 2022 showed a differentiated trend. The demand for traditional electronic applications represented by mobile phones and computers has turned weak, which has a greater impact on the demand of the entire industry; the demand for communication equipment and data centers has maintained growth but slowed down, and the industrial and Internet of Things driven by digital transformation and the development of artificial intelligence technology. The steady growth of application demand and the accelerated development of the new energy vehicle market can offset the decline in some consumer markets and provide support for long-term demand growth.

Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global High-Temperature Electronic market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

By Company

Gan Systems

General Electric

Infineon Technologies

Qorvo

Renesas Electronics

Texas Instruments

Toshiba

Allegro Microsystems

GeneSiC Semiconductor

Mouser

Cree

Fujitsu

Segment by Type

Gallium Arsenide

Gallium Nitride

Silicon Carbide

Others

Segment by Application

Defense and Aerospace

Information and Communication Technology

Healthcare

Steel and Energy

Electronics and Electrical

Others

Production by Region

North America

Europe

China

Japan

South Korea

Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The High-Temperature Electronic report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

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