+44 20 8123 2220
info@marketpublishers.com

Global Power-Semiconductor devices Market Growth 2024-2030

https://marketpublishers.com/r/GDD0B74CF16BEN.html
Date: March 2024
Pages: 112
Price: US$ 3,660.00 (Single User License)
ID: GDD0B74CF16BEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Power-Semiconductor devices market size was valued at US$ million in 2023. With growing demand in downstream market, the Power-Semiconductor devices is forecast to a readjusted size of US$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Power-Semiconductor devices market. Power-Semiconductor devices are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Power-Semiconductor devices. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Power-Semiconductor devices market.

A power semiconductor device is a semiconductor device used as a switch or rectifier in power electronics.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia

+44 20 8123 2220
info@marketpublishers.com

Pacific, declined 2.0 percent. Sales in the Americas were US$142.1 billion, up 17.0% year-on-year, sales in Europe were US$53.8 billion, up 12.6% year-on-year, and sales in Japan were US$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US$336.2 billion, down 2.0% year-on-year.

Key Features:

The report on Power-Semiconductor devices market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Power-Semiconductor devices market. It may include historical data, market segmentation by Type (e.g., Gallium Nitride, Gallium Arsenide), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Power-Semiconductor devices market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Power-Semiconductor devices market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Power-Semiconductor devices industry. This include advancements in Power-Semiconductor devices technology, Power-Semiconductor devices new entrants, Power-Semiconductor devices new investment, and other innovations that are shaping the future of Power-Semiconductor devices.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Power-Semiconductor devices market. It includes factors influencing customer ' purchasing decisions, preferences for Power-Semiconductor devices product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Power-Semiconductor devices market. This

+44 20 8123 2220
info@marketpublishers.com

may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Power-Semiconductor devices market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Power-Semiconductor devices market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Power-Semiconductor devices industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Power-Semiconductor devices market.

Market Segmentation:

Power-Semiconductor devices market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Gallium Nitride

Gallium Arsenide

Silicon Germanium

Silicon

Silicon Carbide

Segmentation by application

Consumer Electronics

+44 20 8123 2220
info@marketpublishers.com

- Information and Communication Technology
- Industrial (Inverters, Wind/Solar Power Generation)
- Military, Aerospace and Defense
- Automotive
- Medical

This report also splits the market by region:

- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India
  - Australia
- Europe

+44 20 8123 2220
info@marketpublishers.com

- 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 analyzing the company's coverage, product portfolio, its market penetration.

- Infineon Technologies
- Texas Instruments
- ST Microelectronics
- Qualcomm
- Fairchild Semiconductor
- Renesas Electronic

+44 20 8123 2220
info@marketpublishers.com

Western Digital

Toshiba

Softbank

Mitsubishi Electric

Key Questions Addressed in this Report

What is the 10-year outlook for the global Power-Semiconductor devices market?

What factors are driving Power-Semiconductor devices market growth, globally and by region?

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

How do Power-Semiconductor devices market opportunities vary by end market size?

How does Power-Semiconductor devices break out type, application?

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Power-Semiconductor devices Market Growth 2024-2030
Product link: https://marketpublishers.com/r/GDD0B74CF16BEN.html
Price: US$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GDD0B74CF16BEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970