

GaAs Electronic Device Market Report: Trends, Forecast and Competitive Analysis to 2030

<https://marketpublishers.com/r/GCC7ED723558EN.html>

Date: July 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: GCC7ED723558EN

Abstracts

2 – 3 business days after placing order

GaAs Electronic Device Trends and Forecast

The future of the global GaAs electronic device market looks promising with opportunities in the mobile device and wireless communication markets. The global GaAs electronic device market is expected to reach an estimated \$17.7 billion by 2030 with a CAGR of 7.6% from 2024 to 2030. The major drivers for this market are rising smartphone usage and the expansion of light-emitting diode (LED) use in general illumination, introduction of IoT, along with growing demand for GaAs-based integrated circuits used in high-frequency communication equipment.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

GaAs Electronic Device by Segment

The study includes a forecast for the global GaAs electronic device by type, application, and region.

GaAs Electronic Device Market by Type [Shipment Analysis by Value from 2018 to 2030]:

LEC Grown GaAs Devices

VGF Grown GaAs Devices

GaAs Electronic Device Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Mobile Devices

Wireless Communications

Others

GaAs Electronic Device Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of GaAs Electronic Device Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies GaAs electronic device companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the GaAs electronic device companies profiled in this report include-

M/A-COM Technology Solutions

Hittite Microwave

Qorvo

Advanced Wireless Semiconductor

Murata Manufacturing

Avago Technologies

Skyworks Solutions

RF Micro Devices

Renesas Electronics

TriQuint Semiconductor

GaAs Electronic Device Market Insights

Lucintel forecasts that LEC grown GaAs devices is expected to witness higher growth over the forecast period.

Within this market, wireless communications will remain larger segment because the GaAs devices are used in high-frequency applications for signal amplification.

APAC is expected to witness the highest growth over the forecast period due to high demand for GaAs devices in the region's growing electronics industry, particularly in China, Japan, and South Korea.

Features of the Global GaAs Electronic Device Market

Market Size Estimates: GaAs electronic device market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: GaAs electronic device market size by type, application, and region in terms of value (\$B).

Regional Analysis: GaAs electronic device market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different type, application, and regions for the GaAs electronic device market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the GaAs electronic device market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the GaAs electronic device market size?

Answer: The global GaAs electronic device market is expected to reach an estimated \$17.7 billion by 2030.

Q2. What is the growth forecast for GaAs electronic device market?

Answer: The global GaAs electronic device market is expected to grow with a CAGR of 7.6% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the GaAs electronic device market?

Answer: The major drivers for this market are rising smartphone usage and the expansion of light-emitting diode (LED) use in general illumination, introduction of IoT, along with growing demand for GaAs-based integrated circuits used in high-frequency communication equipment.

Q4. What are the major segments for GaAs electronic device market?

Answer: The future of the global GaAs electronic device market looks promising with opportunities in the mobile device and wireless communication markets.

Q5. Who are the key GaAs electronic device market companies?

Answer: Some of the key GaAs electronic device companies are as follows:

M/A-COM Technology Solutions

Hittite Microwave

Qorvo

Advanced Wireless Semiconductor

Murata Manufacturing

Avago Technologies

Skyworks Solutions

RF Micro Devices

Renesas Electronics

TriQuint Semiconductor

Q6. Which GaAs electronic device market segment will be the largest in future?

Answer: Lucintel forecasts that LEC grown GaAs devices is expected to witness higher growth over the forecast period.

Q7. In GaAs electronic device market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness the highest growth over the forecast period due to high demand for GaAs devices in the region's growing electronics industry, particularly in China, Japan, and South Korea.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the GaAs electronic device market by type (LEC grown GaAs devices and VGF grown GaAs devices), application (mobile devices, wireless communications, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to GaAs Electronic Device Market, GaAs Electronic Device Market Size, GaAs Electronic Device Market Growth, GaAs Electronic Device Market Analysis, GaAs Electronic Device Market Report, GaAs Electronic Device Market Share, GaAs Electronic Device Market Trends, GaAs Electronic Device Market Forecast, GaAs Electronic Device Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL GAAS ELECTRONIC DEVICE MARKET : MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2. Global GaAs Electronic Device Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global GaAs Electronic Device Market by Type

3.3.1: LEC Grown GaAs Devices

3.3.2: VGF Grown GaAs Devices

3.4: Global GaAs Electronic Device Market by Application

3.4.1: Mobile Devices

3.4.2: Wireless Communications

3.4.3: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

4.1: Global GaAs Electronic Device Market by Region

4.2: North American GaAs Electronic Device Market

4.2.1: North American GaAs Electronic Device Market by Type: LEC Grown GaAs Devices and VGF Grown GaAs Devices

4.2.2: North American GaAs Electronic Device Market by Application: Mobile Devices, Wireless Communications, and Others

4.3: European GaAs Electronic Device Market

4.3.1: European GaAs Electronic Device Market by Type: LEC Grown GaAs Devices and VGF Grown GaAs Devices

4.3.2: European GaAs Electronic Device Market by Application: Mobile Devices, Wireless Communications, and Others

4.4: APAC GaAs Electronic Device Market

4.4.1: APAC GaAs Electronic Device Market by Type: LEC Grown GaAs Devices and

VGF Grown GaAs Devices

4.4.2: APAC GaAs Electronic Device Market by Application: Mobile Devices, Wireless Communications, and Others

4.5: ROW GaAs Electronic Device Market

4.5.1: ROW GaAs Electronic Device Market by Type: LEC Grown GaAs Devices and VGF Grown GaAs Devices

4.5.2: ROW GaAs Electronic Device Market by Application: Mobile Devices, Wireless Communications, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global GaAs Electronic Device Market by Type

6.1.2: Growth Opportunities for the Global GaAs Electronic Device Market by Application

6.1.3: Growth Opportunities for the Global GaAs Electronic Device Market by Region

6.2: Emerging Trends in the Global GaAs Electronic Device Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global GaAs Electronic Device Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global GaAs Electronic Device Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: M/A-COM Technology Solutions

7.2: Hittite Microwave

7.3: Qorvo

7.4: Advanced Wireless Semiconductor

7.5: Murata Manufacturing

7.6: Avago Technologies

7.7: Skyworks Solutions

7.8: RF Micro Devices

7.9: Renesas Electronics

7.10: TriQuint Semiconductor

I would like to order

Product name: GaAs Electronic Device Market Report: Trends, Forecast and Competitive Analysis to 2030

Product link: <https://marketpublishers.com/r/GCC7ED723558EN.html>

Price: US\$ 4,850.00 (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/GCC7ED723558EN.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**

Customer 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

