+357 96 030922
info@marketpublishers.com

Global GaN-on-Si LED Chips Market Growth 2025-2031

https://marketpublishers.com/r/GCCE1B6892A2EN.html
Date: March 2025
Pages: 77
Price: US$ 3,660.00 (Single User License)
ID: GCCE1B6892A2EN

Abstracts

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

The global GaN-on-Si LED Chips market size is predicted to grow from US$ 3.3 million in 2025 to US$ 4.9 million in 2031; it is expected to grow at a CAGR of 7.0% from 2025 to 2031.

GaN-on-Si LED chips are Light Emitting Diodes (LEDs) where the light-emitting layer, Gallium Nitride (GaN), is grown on a silicon (Si) substrate. This contrasts with traditional LEDs grown on sapphire or silicon carbide (SiC) substrates. Using silicon offers advantages like lower cost, larger wafer sizes (leading to higher production yields and lower cost per chip), and compatibility with existing silicon semiconductor manufacturing infrastructure. However, the lattice mismatch and thermal expansion differences between GaN and Si present significant technical challenges.

The industry trend for GaN-on-Si LED chips is one of increasing research, development, and adoption, driven by the potential for significant cost reductions in LED manufacturing. While sapphire-based LEDs remain dominant, GaN-on-Si is gaining momentum, particularly in price-sensitive applications like general lighting. Key trends include:

Cost Reduction Focus: The primary driver for GaN-on-Si is its potential for lower manufacturing costs compared to sapphire and SiC. This is due to the lower cost of silicon substrates, larger wafer sizes (8-inch and even 12-inch are being explored), and the ability to leverage existing silicon fabrication facilities.

Performance Improvement: Ongoing research focuses on mitigating the challenges related to lattice mismatch and thermal expansion differences between GaN and Si. This includes developing buffer layers and strain management techniques to improve

+357 96 030922
info@marketpublishers.com

light output, efficiency, and reliability. Micro-LED technology also benefits from GaN-on-Si due to the ease of manufacturing on large wafers.

Targeting General Lighting and Backlighting: GaN-on-Si is primarily targeting general lighting applications, such as bulbs, tubes, and streetlights, where cost is a major consideration. It is also gaining traction in LCD backlighting, especially for larger displays.

Competition and Collaboration: The GaN-on-Si LED market is characterized by competition among LED manufacturers, material suppliers, and research institutions, as well as collaborations to overcome technical challenges and accelerate commercialization.

LP Information, Inc. (LPI) ' newest research report, the “GaN-on-Si LED Chips Industry Forecast” looks at past sales and reviews total world GaN-on-Si LED Chips sales in 2024, providing a comprehensive analysis by region and market sector of projected GaN-on-Si LED Chips sales for 2025 through 2031. With GaN-on-Si LED Chips sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world GaN-on-Si LED Chips industry.

This Insight Report provides a comprehensive analysis of the global GaN-on-Si LED Chips 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 GaN-on-Si LED Chips portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global GaN-on-Si LED Chips market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GaN-on-Si LED Chips 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 GaN-on-Si LED Chips.

This report presents a comprehensive overview, market shares, and growth opportunities of GaN-on-Si LED Chips market by product type, application, key manufacturers and key regions and countries.

+357 96 030922
info@marketpublishers.com

Segmentation by Type:

- Size (mil) 32x32
- Size (mil) 36x36
- Size (mil) 45x45
- Others

Segmentation by Application:

- Automotive
- Consumer Goods
- Consumer Electronics
- Others

This report also splits the market by region:

- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan

+357 96 030922
info@marketpublishers.com

- 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.

- Samsung

+357 96 030922
info@marketpublishers.com

Osram

LatticePower

Bridgelux

Key Questions Addressed in this Report

What is the 10-year outlook for the global GaN-on-Si LED Chips market?

What factors are driving GaN-on-Si LED Chips market growth, globally and by region?

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

How do GaN-on-Si LED Chips market opportunities vary by end market size?

How does GaN-on-Si LED Chips break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global GaN-on-Si LED Chips Annual Sales 2020-2031
  2.1.2 World Current & Future Analysis for GaN-on-Si LED Chips by Geographic Region, 2020, 2024 & 2031
  2.1.3 World Current & Future Analysis for GaN-on-Si LED Chips by Country/Region, 2020, 2024 & 2031
2.2 GaN-on-Si LED Chips Segment by Type
  2.2.1 Size (mil) 32x32
  2.2.2 Size (mil) 36x36
  2.2.3 Size (mil) 45x45
  2.2.4 Others
2.3 GaN-on-Si LED Chips Sales by Type
  2.3.1 Global GaN-on-Si LED Chips Sales Market Share by Type (2020-2025)
  2.3.2 Global GaN-on-Si LED Chips Revenue and Market Share by Type (2020-2025)
  2.3.3 Global GaN-on-Si LED Chips Sale Price by Type (2020-2025)
2.4 GaN-on-Si LED Chips Segment by Application
  2.4.1 Automotive
  2.4.2 Consumer Goods
  2.4.3 Consumer Electronics
  2.4.4 Others
2.5 GaN-on-Si LED Chips Sales by Application
  2.5.1 Global GaN-on-Si LED Chips Sale Market Share by Application (2020-2025)
  2.5.2 Global GaN-on-Si LED Chips Revenue and Market Share by Application (2020-2025)

+357 96 030922
info@marketpublishers.com

2.5.3 Global GaN-on-Si LED Chips Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global GaN-on-Si LED Chips Breakdown Data by Company
3.1.1 Global GaN-on-Si LED Chips Annual Sales by Company (2020-2025)
3.1.2 Global GaN-on-Si LED Chips Sales Market Share by Company (2020-2025)
3.2 Global GaN-on-Si LED Chips Annual Revenue by Company (2020-2025)
3.2.1 Global GaN-on-Si LED Chips Revenue by Company (2020-2025)
3.2.2 Global GaN-on-Si LED Chips Revenue Market Share by Company (2020-2025)
3.3 Global GaN-on-Si LED Chips Sale Price by Company
3.4 Key Manufacturers GaN-on-Si LED Chips Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers GaN-on-Si LED Chips Product Location Distribution
3.4.2 Players GaN-on-Si LED Chips Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR GAN-ON-SI LED CHIPS BY GEOGRAPHIC REGION

4.1 World Historic GaN-on-Si LED Chips Market Size by Geographic Region (2020-2025)
4.1.1 Global GaN-on-Si LED Chips Annual Sales by Geographic Region (2020-2025)
4.1.2 Global GaN-on-Si LED Chips Annual Revenue by Geographic Region (2020-2025)
4.2 World Historic GaN-on-Si LED Chips Market Size by Country/Region (2020-2025)
4.2.1 Global GaN-on-Si LED Chips Annual Sales by Country/Region (2020-2025)
4.2.2 Global GaN-on-Si LED Chips Annual Revenue by Country/Region (2020-2025)
4.3 Americas GaN-on-Si LED Chips Sales Growth
4.4 APAC GaN-on-Si LED Chips Sales Growth
4.5 Europe GaN-on-Si LED Chips Sales Growth
4.6 Middle East & Africa GaN-on-Si LED Chips Sales Growth

5 AMERICAS

+357 96 030922
info@marketpublishers.com

5.1 Americas GaN-on-Si LED Chips Sales by Country
5.1.1 Americas GaN-on-Si LED Chips Sales by Country (2020-2025)
5.1.2 Americas GaN-on-Si LED Chips Revenue by Country (2020-2025)
5.2 Americas GaN-on-Si LED Chips Sales by Type (2020-2025)
5.3 Americas GaN-on-Si LED Chips Sales by Application (2020-2025)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC GaN-on-Si LED Chips Sales by Region
6.1.1 APAC GaN-on-Si LED Chips Sales by Region (2020-2025)
6.1.2 APAC GaN-on-Si LED Chips Revenue by Region (2020-2025)
6.2 APAC GaN-on-Si LED Chips Sales by Type (2020-2025)
6.3 APAC GaN-on-Si LED Chips Sales by Application (2020-2025)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe GaN-on-Si LED Chips by Country
7.1.1 Europe GaN-on-Si LED Chips Sales by Country (2020-2025)
7.1.2 Europe GaN-on-Si LED Chips Revenue by Country (2020-2025)
7.2 Europe GaN-on-Si LED Chips Sales by Type (2020-2025)
7.3 Europe GaN-on-Si LED Chips Sales by Application (2020-2025)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

+357 96 030922
info@marketpublishers.com

8.1 Middle East & Africa GaN-on-Si LED Chips by Country
8.1.1 Middle East & Africa GaN-on-Si LED Chips Sales by Country (2020-2025)
8.1.2 Middle East & Africa GaN-on-Si LED Chips Revenue by Country (2020-2025)
8.2 Middle East & Africa GaN-on-Si LED Chips Sales by Type (2020-2025)
8.3 Middle East & Africa GaN-on-Si LED Chips Sales by Application (2020-2025)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of GaN-on-Si LED Chips
10.3 Manufacturing Process Analysis of GaN-on-Si LED Chips
10.4 Industry Chain Structure of GaN-on-Si LED Chips

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
11.1.1 Direct Channels
11.1.2 Indirect Channels
11.2 GaN-on-Si LED Chips Distributors
11.3 GaN-on-Si LED Chips Customer

12 WORLD FORECAST REVIEW FOR GAN-ON-SI LED CHIPS BY GEOGRAPHIC REGION

12.1 Global GaN-on-Si LED Chips Market Size Forecast by Region
12.1.1 Global GaN-on-Si LED Chips Forecast by Region (2026-2031)
12.1.2 Global GaN-on-Si LED Chips Annual Revenue Forecast by Region (2026-2031)

+357 96 030922
info@marketpublishers.com

12.2 Americas Forecast by Country (2026-2031)
12.3 APAC Forecast by Region (2026-2031)
12.4 Europe Forecast by Country (2026-2031)
12.5 Middle East & Africa Forecast by Country (2026-2031)
12.6 Global GaN-on-Si LED Chips Forecast by Type (2026-2031)
12.7 Global GaN-on-Si LED Chips Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Samsung
13.1.1 Samsung Company Information
13.1.2 Samsung GaN-on-Si LED Chips Product Portfolios and Specifications
13.1.3 Samsung GaN-on-Si LED Chips Sales, Revenue, Price and Gross Margin (2020-2025)
13.1.4 Samsung Main Business Overview
13.1.5 Samsung Latest Developments
13.2 Osram
13.2.1 Osram Company Information
13.2.2 Osram GaN-on-Si LED Chips Product Portfolios and Specifications
13.2.3 Osram GaN-on-Si LED Chips Sales, Revenue, Price and Gross Margin (2020-2025)
13.2.4 Osram Main Business Overview
13.2.5 Osram Latest Developments
13.3 LatticePower
13.3.1 LatticePower Company Information
13.3.2 LatticePower GaN-on-Si LED Chips Product Portfolios and Specifications
13.3.3 LatticePower GaN-on-Si LED Chips Sales, Revenue, Price and Gross Margin (2020-2025)
13.3.4 LatticePower Main Business Overview
13.3.5 LatticePower Latest Developments
13.4 Bridgelux
13.4.1 Bridgelux Company Information
13.4.2 Bridgelux GaN-on-Si LED Chips Product Portfolios and Specifications
13.4.3 Bridgelux GaN-on-Si LED Chips Sales, Revenue, Price and Gross Margin (2020-2025)
13.4.4 Bridgelux Main Business Overview
13.4.5 Bridgelux Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. GaN-on-Si LED Chips Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & ($ millions)
Table 2. GaN-on-Si LED Chips Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & ($ millions)
Table 3. Major Players of Size (mil) 32x32
Table 4. Major Players of Size (mil) 36x36
Table 5. Major Players of Size (mil) 45x45
Table 6. Major Players of Others
Table 7. Global GaN-on-Si LED Chips Sales by Type (2020-2025) & (K Pcs)
Table 8. Global GaN-on-Si LED Chips Sales Market Share by Type (2020-2025)
Table 9. Global GaN-on-Si LED Chips Revenue by Type (2020-2025) & ($ million)
Table 10. Global GaN-on-Si LED Chips Revenue Market Share by Type (2020-2025)
Table 11. Global GaN-on-Si LED Chips Sale Price by Type (2020-2025) & (US$/Pcs)
Table 12. Global GaN-on-Si LED Chips Sale by Application (2020-2025) & (K Pcs)
Table 13. Global GaN-on-Si LED Chips Sale Market Share by Application (2020-2025)
Table 14. Global GaN-on-Si LED Chips Revenue by Application (2020-2025) & ($ million)
Table 15. Global GaN-on-Si LED Chips Revenue Market Share by Application (2020-2025)
Table 16. Global GaN-on-Si LED Chips Sale Price by Application (2020-2025) & (US$/Pcs)
Table 17. Global GaN-on-Si LED Chips Sales by Company (2020-2025) & (K Pcs)
Table 18. Global GaN-on-Si LED Chips Sales Market Share by Company (2020-2025)
Table 19. Global GaN-on-Si LED Chips Revenue by Company (2020-2025) & ($ millions)
Table 20. Global GaN-on-Si LED Chips Revenue Market Share by Company (2020-2025)
Table 21. Global GaN-on-Si LED Chips Sale Price by Company (2020-2025) & (US$/Pcs)
Table 22. Key Manufacturers GaN-on-Si LED Chips Producing Area Distribution and Sales Area
Table 23. Players GaN-on-Si LED Chips Products Offered
Table 24. GaN-on-Si LED Chips Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 25. New Products and Potential Entrants

+357 96 030922
info@marketpublishers.com

Table 26. Market M&A Activity & Strategy
Table 27. Global GaN-on-Si LED Chips Sales by Geographic Region (2020-2025) & (K Pcs)
Table 28. Global GaN-on-Si LED Chips Sales Market Share Geographic Region (2020-2025)
Table 29. Global GaN-on-Si LED Chips Revenue by Geographic Region (2020-2025) & ($ millions)
Table 30. Global GaN-on-Si LED Chips Revenue Market Share by Geographic Region (2020-2025)
Table 31. Global GaN-on-Si LED Chips Sales by Country/Region (2020-2025) & (K Pcs)
Table 32. Global GaN-on-Si LED Chips Sales Market Share by Country/Region (2020-2025)
Table 33. Global GaN-on-Si LED Chips Revenue by Country/Region (2020-2025) & ($ millions)
Table 34. Global GaN-on-Si LED Chips Revenue Market Share by Country/Region (2020-2025)
Table 35. Americas GaN-on-Si LED Chips Sales by Country (2020-2025) & (K Pcs)
Table 36. Americas GaN-on-Si LED Chips Sales Market Share by Country (2020-2025)
Table 37. Americas GaN-on-Si LED Chips Revenue by Country (2020-2025) & ($ millions)
Table 38. Americas GaN-on-Si LED Chips Sales by Type (2020-2025) & (K Pcs)
Table 39. Americas GaN-on-Si LED Chips Sales by Application (2020-2025) & (K Pcs)
Table 40. APAC GaN-on-Si LED Chips Sales by Region (2020-2025) & (K Pcs)
Table 41. APAC GaN-on-Si LED Chips Sales Market Share by Region (2020-2025)
Table 42. APAC GaN-on-Si LED Chips Revenue by Region (2020-2025) & ($ millions)
Table 43. APAC GaN-on-Si LED Chips Sales by Type (2020-2025) & (K Pcs)
Table 44. APAC GaN-on-Si LED Chips Sales by Application (2020-2025) & (K Pcs)
Table 45. Europe GaN-on-Si LED Chips Sales by Country (2020-2025) & (K Pcs)
Table 46. Europe GaN-on-Si LED Chips Revenue by Country (2020-2025) & ($ millions)
Table 47. Europe GaN-on-Si LED Chips Sales by Type (2020-2025) & (K Pcs)
Table 48. Europe GaN-on-Si LED Chips Sales by Application (2020-2025) & (K Pcs)
Table 49. Middle East & Africa GaN-on-Si LED Chips Sales by Country (2020-2025) & (K Pcs)
Table 50. Middle East & Africa GaN-on-Si LED Chips Revenue Market Share by Country (2020-2025)
Table 51. Middle East & Africa GaN-on-Si LED Chips Sales by Type (2020-2025) & (K Pcs)
Table 52. Middle East & Africa GaN-on-Si LED Chips Sales by Application (2020-2025) & (K Pcs)

+357 96 030922
info@marketpublishers.com

Table 53. Key Market Drivers & Growth Opportunities of GaN-on-Si LED Chips
Table 54. Key Market Challenges & Risks of GaN-on-Si LED Chips
Table 55. Key Industry Trends of GaN-on-Si LED Chips
Table 56. GaN-on-Si LED Chips Raw Material
Table 57. Key Suppliers of Raw Materials
Table 58. GaN-on-Si LED Chips Distributors List
Table 59. GaN-on-Si LED Chips Customer List
Table 60. Global GaN-on-Si LED Chips Sales Forecast by Region (2026-2031) & (K Pcs)
Table 61. Global GaN-on-Si LED Chips Revenue Forecast by Region (2026-2031) & ($ millions)
Table 62. Americas GaN-on-Si LED Chips Sales Forecast by Country (2026-2031) & (K Pcs)
Table 63. Americas GaN-on-Si LED Chips Annual Revenue Forecast by Country (2026-2031) & ($ millions)
Table 64. APAC GaN-on-Si LED Chips Sales Forecast by Region (2026-2031) & (K Pcs)
Table 65. APAC GaN-on-Si LED Chips Annual Revenue Forecast by Region (2026-2031) & ($ millions)
Table 66. Europe GaN-on-Si LED Chips Sales Forecast by Country (2026-2031) & (K Pcs)
Table 67. Europe GaN-on-Si LED Chips Revenue Forecast by Country (2026-2031) & ($ millions)
Table 68. Middle East & Africa GaN-on-Si LED Chips Sales Forecast by Country (2026-2031) & (K Pcs)
Table 69. Middle East & Africa GaN-on-Si LED Chips Revenue Forecast by Country (2026-2031) & ($ millions)
Table 70. Global GaN-on-Si LED Chips Sales Forecast by Type (2026-2031) & (K Pcs)
Table 71. Global GaN-on-Si LED Chips Revenue Forecast by Type (2026-2031) & ($ millions)
Table 72. Global GaN-on-Si LED Chips Sales Forecast by Application (2026-2031) & (K Pcs)
Table 73. Global GaN-on-Si LED Chips Revenue Forecast by Application (2026-2031) & ($ millions)
Table 74. Samsung Basic Information, GaN-on-Si LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 75. Samsung GaN-on-Si LED Chips Product Portfolios and Specifications
Table 76. Samsung GaN-on-Si LED Chips Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2020-2025)

+357 96 030922
info@marketpublishers.com

Table 77. Samsung Main Business
Table 78. Samsung Latest Developments
Table 79. Osram Basic Information, GaN-on-Si LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 80. Osram GaN-on-Si LED Chips Product Portfolios and Specifications
Table 81. Osram GaN-on-Si LED Chips Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2020-2025)
Table 82. Osram Main Business
Table 83. Osram Latest Developments
Table 84. LatticePower Basic Information, GaN-on-Si LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 85. LatticePower GaN-on-Si LED Chips Product Portfolios and Specifications
Table 86. LatticePower GaN-on-Si LED Chips Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2020-2025)
Table 87. LatticePower Main Business
Table 88. LatticePower Latest Developments
Table 89. Bridgelux Basic Information, GaN-on-Si LED Chips Manufacturing Base, Sales Area and Its Competitors
Table 90. Bridgelux GaN-on-Si LED Chips Product Portfolios and Specifications
Table 91. Bridgelux GaN-on-Si LED Chips Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2020-2025)
Table 92. Bridgelux Main Business
Table 93. Bridgelux Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of GaN-on-Si LED Chips
Figure 2. GaN-on-Si LED Chips Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global GaN-on-Si LED Chips Sales Growth Rate 2020-2031 (K Pcs)
Figure 7. Global GaN-on-Si LED Chips Revenue Growth Rate 2020-2031 ($ millions)
Figure 8. GaN-on-Si LED Chips Sales by Geographic Region (2020, 2024 & 2031) & ($ millions)
Figure 9. GaN-on-Si LED Chips Sales Market Share by Country/Region (2024)
Figure 10. GaN-on-Si LED Chips Sales Market Share by Country/Region (2020, 2024 & 2031)
Figure 11. Product Picture of Size (mil) 32x32
Figure 12. Product Picture of Size (mil) 36x36
Figure 13. Product Picture of Size (mil) 45x45
Figure 14. Product Picture of Others
Figure 15. Global GaN-on-Si LED Chips Sales Market Share by Type in 2025
Figure 16. Global GaN-on-Si LED Chips Revenue Market Share by Type (2020-2025)
Figure 17. GaN-on-Si LED Chips Consumed in Automotive
Figure 18. Global GaN-on-Si LED Chips Market: Automotive (2020-2025) & (K Pcs)
Figure 19. GaN-on-Si LED Chips Consumed in Consumer Goods
Figure 20. Global GaN-on-Si LED Chips Market: Consumer Goods (2020-2025) & (K Pcs)
Figure 21. GaN-on-Si LED Chips Consumed in Consumer Electronics
Figure 22. Global GaN-on-Si LED Chips Market: Consumer Electronics (2020-2025) & (K Pcs)
Figure 23. GaN-on-Si LED Chips Consumed in Others
Figure 24. Global GaN-on-Si LED Chips Market: Others (2020-2025) & (K Pcs)
Figure 25. Global GaN-on-Si LED Chips Sale Market Share by Application (2024)
Figure 26. Global GaN-on-Si LED Chips Revenue Market Share by Application in 2025
Figure 27. GaN-on-Si LED Chips Sales by Company in 2025 (K Pcs)
Figure 28. Global GaN-on-Si LED Chips Sales Market Share by Company in 2025
Figure 29. GaN-on-Si LED Chips Revenue by Company in 2025 ($ millions)
Figure 30. Global GaN-on-Si LED Chips Revenue Market Share by Company in 2025
Figure 31. Global GaN-on-Si LED Chips Sales Market Share by Geographic Region

+357 96 030922
info@marketpublishers.com

(2020-2025)
Figure 32. Global GaN-on-Si LED Chips Revenue Market Share by Geographic Region in 2025
Figure 33. Americas GaN-on-Si LED Chips Sales 2020-2025 (K Pcs)
Figure 34. Americas GaN-on-Si LED Chips Revenue 2020-2025 ($ millions)
Figure 35. APAC GaN-on-Si LED Chips Sales 2020-2025 (K Pcs)
Figure 36. APAC GaN-on-Si LED Chips Revenue 2020-2025 ($ millions)
Figure 37. Europe GaN-on-Si LED Chips Sales 2020-2025 (K Pcs)
Figure 38. Europe GaN-on-Si LED Chips Revenue 2020-2025 ($ millions)
Figure 39. Middle East & Africa GaN-on-Si LED Chips Sales 2020-2025 (K Pcs)
Figure 40. Middle East & Africa GaN-on-Si LED Chips Revenue 2020-2025 ($ millions)
Figure 41. Americas GaN-on-Si LED Chips Sales Market Share by Country in 2025
Figure 42. Americas GaN-on-Si LED Chips Revenue Market Share by Country (2020-2025)
Figure 43. Americas GaN-on-Si LED Chips Sales Market Share by Type (2020-2025)
Figure 44. Americas GaN-on-Si LED Chips Sales Market Share by Application (2020-2025)
Figure 45. United States GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 46. Canada GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 47. Mexico GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 48. Brazil GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 49. APAC GaN-on-Si LED Chips Sales Market Share by Region in 2025
Figure 50. APAC GaN-on-Si LED Chips Revenue Market Share by Region (2020-2025)
Figure 51. APAC GaN-on-Si LED Chips Sales Market Share by Type (2020-2025)
Figure 52. APAC GaN-on-Si LED Chips Sales Market Share by Application (2020-2025)
Figure 53. China GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 54. Japan GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 55. South Korea GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 56. Southeast Asia GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 57. India GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 58. Australia GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 59. China Taiwan GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 60. Europe GaN-on-Si LED Chips Sales Market Share by Country in 2025
Figure 61. Europe GaN-on-Si LED Chips Revenue Market Share by Country (2020-2025)
Figure 62. Europe GaN-on-Si LED Chips Sales Market Share by Type (2020-2025)
Figure 63. Europe GaN-on-Si LED Chips Sales Market Share by Application (2020-2025)

+357 96 030922
info@marketpublishers.com

Figure 64. Germany GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 65. France GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 66. UK GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 67. Italy GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 68. Russia GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 69. Middle East & Africa GaN-on-Si LED Chips Sales Market Share by Country (2020-2025)
Figure 70. Middle East & Africa GaN-on-Si LED Chips Sales Market Share by Type (2020-2025)
Figure 71. Middle East & Africa GaN-on-Si LED Chips Sales Market Share by Application (2020-2025)
Figure 72. Egypt GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 73. South Africa GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 74. Israel GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 75. Turkey GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 76. GCC Countries GaN-on-Si LED Chips Revenue Growth 2020-2025 ($ millions)
Figure 77. Manufacturing Cost Structure Analysis of GaN-on-Si LED Chips in 2025
Figure 78. Manufacturing Process Analysis of GaN-on-Si LED Chips
Figure 79. Industry Chain Structure of GaN-on-Si LED Chips
Figure 80. Channels of Distribution
Figure 81. Global GaN-on-Si LED Chips Sales Market Forecast by Region (2026-2031)
Figure 82. Global GaN-on-Si LED Chips Revenue Market Share Forecast by Region (2026-2031)
Figure 83. Global GaN-on-Si LED Chips Sales Market Share Forecast by Type (2026-2031)
Figure 84. Global GaN-on-Si LED Chips Revenue Market Share Forecast by Type (2026-2031)
Figure 85. Global GaN-on-Si LED Chips Sales Market Share Forecast by Application (2026-2031)
Figure 86. Global GaN-on-Si LED Chips Revenue Market Share Forecast by Application (2026-2031)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global GaN-on-Si LED Chips Market Growth 2025-2031
Product link: https://marketpublishers.com/r/GCCE1B6892A2EN.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/GCCE1B6892A2EN.html