

Global Gallium Nitride (GaN) on Silicon (Si) Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/GA56614FF71CEN.html>

Date: December 2022

Pages: 100

Price: US\$ 4,480.00 (Single User License)

ID: GA56614FF71CEN

Abstracts

This report studies the global Gallium Nitride (GaN) on Silicon (Si) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gallium Nitride (GaN) on Silicon (Si), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Gallium Nitride (GaN) on Silicon (Si) that contribute to its increasing demand across many markets.

The global Gallium Nitride (GaN) on Silicon (Si) market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Gallium Nitride (GaN) on Silicon (Si) total production and demand, 2017-2028, (K Units)

Global Gallium Nitride (GaN) on Silicon (Si) total production value, 2017-2028, (USD Million)

Global Gallium Nitride (GaN) on Silicon (Si) production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (K Units)

Global Gallium Nitride (GaN) on Silicon (Si) consumption by region & country, CAGR, 2017-2028 & (K Units)

U.S. VS China: Gallium Nitride (GaN) on Silicon (Si) domestic production, consumption, key domestic manufacturers and share

Global Gallium Nitride (GaN) on Silicon (Si) production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (K Units)

Global Gallium Nitride (GaN) on Silicon (Si) production by Type, production, value, CAGR, 2017-2028, (USD Million) & (K Units)

Global Gallium Nitride (GaN) on Silicon (Si) production by Application production, value, CAGR, 2017-2028, (USD Million) & (K Units)

This reports profiles key players in the global Gallium Nitride (GaN) on Silicon (Si) market based on the following parameters – headquarters, production locations, products portfolio, Gallium Nitride (GaN) on Silicon (Si) revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Gallium Nitride (GaN) on Silicon (Si) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Gallium Nitride (GaN) on Silicon (Si) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Gallium Nitride (GaN) on Silicon (Si) Market, Segmentation by Type

GaN-on-Silicon Power Devices

GaN-on-Silicon RF Chip

GaN-on-Silicon LED Chip

Global Gallium Nitride (GaN) on Silicon (Si) Market, Segmentation by Application

Consumer Electronics

Car Electronics

5G

Other

Companies Profiled:

Navitas

Transphorm

Innoscence

Infineon Technologies

TI

China Resources Microelectronics

STMicroelectronics/MACOM

Key Questions Answered

1. How big is the global Gallium Nitride (GaN) on Silicon (Si) market?
2. What is the demand of the global Gallium Nitride (GaN) on Silicon (Si) market?
3. What is the year over year growth of the global Gallium Nitride (GaN) on Silicon (Si) market?
4. What is the production and production value of the global Gallium Nitride (GaN) on Silicon (Si) market?
5. Who are the key producers in the global Gallium Nitride (GaN) on Silicon (Si) market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Gallium Nitride (GaN) on Silicon (Si) Introduction
- 1.2 World Gallium Nitride (GaN) on Silicon (Si) Supply & Forecast
 - 1.2.1 World Gallium Nitride (GaN) on Silicon (Si) Production Value (2017 & 2021 & 2028)
 - 1.2.2 World Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028)
 - 1.2.3 World Gallium Nitride (GaN) on Silicon (Si) Pricing Trends (2017-2028)
- 1.3 World Gallium Nitride (GaN) on Silicon (Si) Production by Region
 - 1.3.1 World Gallium Nitride (GaN) on Silicon (Si) Production Value by Region (2017-2028)
 - 1.3.2 World Gallium Nitride (GaN) on Silicon (Si) Production by Region (2017-2028)
 - 1.3.3 World Gallium Nitride (GaN) on Silicon (Si) Average Price by Region (2017-2028)
 - 1.3.4 North America Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028)
 - 1.3.5 Europe Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028)
 - 1.3.6 China Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028)
 - 1.3.7 Japan Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028)
 - 1.3.8 South Korea Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Gallium Nitride (GaN) on Silicon (Si) Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Gallium Nitride (GaN) on Silicon (Si) Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Gallium Nitride (GaN) on Silicon (Si) Demand (2017-2028)
- 2.2 World Gallium Nitride (GaN) on Silicon (Si) Consumption by Region
 - 2.2.1 World Gallium Nitride (GaN) on Silicon (Si) Consumption by Region (2017-2022)
 - 2.2.2 World Gallium Nitride (GaN) on Silicon (Si) Consumption Forecast by Region (2023-2028)
- 2.3 United States Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028)
- 2.4 China Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028)
- 2.5 Europe Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028)

- 2.6 Japan Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028)
- 2.7 South Korea Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028)
- 2.8 ASEAN Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028)
- 2.9 India Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028)

3 WORLD GALLIUM NITRIDE (GAN) ON SILICON (SI) MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Gallium Nitride (GaN) on Silicon (Si) Production Value by Manufacturer (2017-2022)
- 3.2 World Gallium Nitride (GaN) on Silicon (Si) Production by Manufacturer (2017-2022)
- 3.3 World Gallium Nitride (GaN) on Silicon (Si) Average Price by Manufacturer (2017-2022)
- 3.4 Gallium Nitride (GaN) on Silicon (Si) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Gallium Nitride (GaN) on Silicon (Si) Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Gallium Nitride (GaN) on Silicon (Si) in 2021
 - 3.5.3 Global Concentration Ratios (CR8) for Gallium Nitride (GaN) on Silicon (Si) in 2021
- 3.6 Gallium Nitride (GaN) on Silicon (Si) Market: Overall Company Footprint Analysis
 - 3.6.1 Gallium Nitride (GaN) on Silicon (Si) Market: Region Footprint
 - 3.6.2 Gallium Nitride (GaN) on Silicon (Si) Market: Company Product Type Footprint
 - 3.6.3 Gallium Nitride (GaN) on Silicon (Si) Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Value Comparison
 - 4.1.1 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Value Comparison (2017 & 2021 & 2028)

4.1.2 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share Comparison (2017 & 2021 & 2028)

4.2 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Comparison

4.2.1 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Comparison (2017 & 2021 & 2028)

4.2.2 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Market Share Comparison (2017 & 2021 & 2028)

4.3 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Consumption Comparison

4.3.1 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Consumption Comparison (2017 & 2021 & 2028)

4.3.2 United States VS China: Gallium Nitride (GaN) on Silicon (Si) Consumption Market Share Comparison (2017 & 2021 & 2028)

4.4 United States Gallium Nitride (GaN) on Silicon (Si) Key Producers and Market Share, 2017-2022

4.4.1 Major Manufacturer of Gallium Nitride (GaN) on Silicon (Si) in United States, Company Headquarters and Production Place (States, Country)

4.4.2 United States Gallium Nitride (GaN) on Silicon (Si) Production Value by Domestic Manufacturer, (2017-2022)

4.4.3 United States Gallium Nitride (GaN) on Silicon (Si) Production by Domestic Manufacturer, (2017-2022)

4.5 China Gallium Nitride (GaN) on Silicon (Si) Key Producers and Market Share, 2017-2022

4.5.1 Major Manufacturer of Gallium Nitride (GaN) on Silicon (Si) in China, Company Headquarters and Production Place (Province, Country)

4.5.2 China Gallium Nitride (GaN) on Silicon (Si) Production Value by Domestic Manufacturer, (2017-2022)

4.5.3 China Gallium Nitride (GaN) on Silicon (Si) Production by Domestic Manufacturer, (2017-2022)

4.6 Rest of World Gallium Nitride (GaN) on Silicon (Si) Key Producers and Market Share, 2017-2022

4.6.1 Major Manufacturer of Gallium Nitride (GaN) on Silicon (Si) in Rest of World, Company Headquarters and Production Place (State, Country)

4.6.2 Rest of World Gallium Nitride (GaN) on Silicon (Si) Production Value by Domestic Manufacturer, (2017-2022)

4.6.3 Rest of World Gallium Nitride (GaN) on Silicon (Si) Production by Domestic Manufacturer, (2017-2022)

5 MARKET ANALYSIS BY TYPE

5.1 World Gallium Nitride (GaN) on Silicon (Si) Market Size Overview by Type: 2017 VS 2021 VS 2028

5.2 Segment Introduction by Type

5.2.1 GaN-on-Silicon Power Devices

5.2.2 GaN-on-Silicon RF Chip

5.2.3 GaN-on-Silicon LED Chip

5.3 Market Segment by Type

5.3.1 World Gallium Nitride (GaN) on Silicon (Si) Production by Type (2017-2028)

5.3.2 World Gallium Nitride (GaN) on Silicon (Si) Production Value by Type (2017-2028)

5.3.3 World Gallium Nitride (GaN) on Silicon (Si) Average Price by Type (2017-2028)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Gallium Nitride (GaN) on Silicon (Si) Market Size Overview by Application: 2017 VS 2021 VS 2028

6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Car Electronics

6.2.3 5G

6.2.4 Other

6.3 Market Segment by Application

6.3.1 World Gallium Nitride (GaN) on Silicon (Si) Production by Application (2017-2028)

6.3.2 World Gallium Nitride (GaN) on Silicon (Si) Production Value by Application (2017-2028)

6.3.3 World Gallium Nitride (GaN) on Silicon (Si) Average Price by Application (2017-2028)

7 COMPANY PROFILES

7.1 Navitas

7.1.1 Navitas Details

7.1.2 Navitas Major Business

7.1.3 Navitas Gallium Nitride (GaN) on Silicon (Si) Product and Services

7.1.4 Navitas Gallium Nitride (GaN) on Silicon (Si) Production, Price, Value, Gross Margin and Market Share (2017-2022)

- 7.1.5 Navitas Recent Developments/Updates
- 7.1.6 Navitas Competitive Strengths & Weaknesses
- 7.2 Transphorm
 - 7.2.1 Transphorm Details
 - 7.2.2 Transphorm Major Business
 - 7.2.3 Transphorm Gallium Nitride (GaN) on Silicon (Si) Product and Services
 - 7.2.4 Transphorm Gallium Nitride (GaN) on Silicon (Si) Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.2.5 Transphorm Recent Developments/Updates
 - 7.2.6 Transphorm Competitive Strengths & Weaknesses
- 7.3 Innoscience
 - 7.3.1 Innoscience Details
 - 7.3.2 Innoscience Major Business
 - 7.3.3 Innoscience Gallium Nitride (GaN) on Silicon (Si) Product and Services
 - 7.3.4 Innoscience Gallium Nitride (GaN) on Silicon (Si) Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.3.5 Innoscience Recent Developments/Updates
 - 7.3.6 Innoscience Competitive Strengths & Weaknesses
- 7.4 Infineon Technologies
 - 7.4.1 Infineon Technologies Details
 - 7.4.2 Infineon Technologies Major Business
 - 7.4.3 Infineon Technologies Gallium Nitride (GaN) on Silicon (Si) Product and Services
 - 7.4.4 Infineon Technologies Gallium Nitride (GaN) on Silicon (Si) Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.4.5 Infineon Technologies Recent Developments/Updates
 - 7.4.6 Infineon Technologies Competitive Strengths & Weaknesses
- 7.5 TI
 - 7.5.1 TI Details
 - 7.5.2 TI Major Business
 - 7.5.3 TI Gallium Nitride (GaN) on Silicon (Si) Product and Services
 - 7.5.4 TI Gallium Nitride (GaN) on Silicon (Si) Production, Price, Value, Gross Margin and Market Share (2017-2022)
 - 7.5.5 TI Recent Developments/Updates
 - 7.5.6 TI Competitive Strengths & Weaknesses
- 7.6 China Resources Microelectronics
 - 7.6.1 China Resources Microelectronics Details
 - 7.6.2 China Resources Microelectronics Major Business
 - 7.6.3 China Resources Microelectronics Gallium Nitride (GaN) on Silicon (Si) Product and Services

7.6.4 China Resources Microelectronics Gallium Nitride (GaN) on Silicon (Si) Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.6.5 China Resources Microelectronics Recent Developments/Updates

7.6.6 China Resources Microelectronics Competitive Strengths & Weaknesses

7.7 STMicroelectronics/MACOM

7.7.1 STMicroelectronics/MACOM Details

7.7.2 STMicroelectronics/MACOM Major Business

7.7.3 STMicroelectronics/MACOM Gallium Nitride (GaN) on Silicon (Si) Product and Services

7.7.4 STMicroelectronics/MACOM Gallium Nitride (GaN) on Silicon (Si) Production, Price, Value, Gross Margin and Market Share (2017-2022)

7.7.5 STMicroelectronics/MACOM Recent Developments/Updates

7.7.6 STMicroelectronics/MACOM Competitive Strengths & Weaknesses

8 RAW MATERIAL AND INDUSTRY CHAIN

8.1 Raw Material of Gallium Nitride (GaN) on Silicon (Si) and Key Manufacturers

8.2 Gallium Nitride (GaN) on Silicon (Si) Manufacturing Costs

8.3 Gallium Nitride (GaN) on Silicon (Si) Production Process

8.4 Gallium Nitride (GaN) on Silicon (Si) Industrial Chain

9 DISTRIBUTION CHANNEL ANALYSIS

9.1 Distribution Channel Breakdown for Gallium Nitride (GaN) on Silicon (Si) Shipments (%): 2017-2028

9.1.1 Direct Channel

9.1.2 Indirect Channel

9.2 Gallium Nitride (GaN) on Silicon (Si) Typical Distributors

9.3 Gallium Nitride (GaN) on Silicon (Si) Typical Customers

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Region (2017, 2022 and 2028) & (USD Million)
- Table 2. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Region (2017-2022) & (USD Million)
- Table 3. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Region (2023-2028) & (USD Million)
- Table 4. World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Region (2017-2022)
- Table 5. World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Region (2023-2028)
- Table 6. World Gallium Nitride (GaN) on Silicon (Si) Production by Region (2017-2022) & (K Units)
- Table 7. World Gallium Nitride (GaN) on Silicon (Si) Production by Region (2023-2028) & (K Units)
- Table 8. World Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Region (2017-2022)
- Table 9. World Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Region (2023-2028)
- Table 10. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Region (2017-2022) & (US\$/Unit)
- Table 11. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Region (2023-2028) & (US\$/Unit)
- Table 12. Gallium Nitride (GaN) on Silicon (Si) Major Market Trends
- Table 13. World Gallium Nitride (GaN) on Silicon (Si) Consumption Growth Rate Forecast by Region (2017 & 2021 & 2028) & (K Units)
- Table 14. World Gallium Nitride (GaN) on Silicon (Si) Consumption by Region (2017-2022) & (K Units)
- Table 15. World Gallium Nitride (GaN) on Silicon (Si) Consumption Forecast by Region (2023-2028) & (K Units)
- Table 16. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Manufacturer (2017-2022) & (USD Million)
- Table 17. Production Value Market Share of Key Gallium Nitride (GaN) on Silicon (Si) Producers in 2021
- Table 18. World Gallium Nitride (GaN) on Silicon (Si) Production by Manufacturer (2017-2022) & (K Units)

Table 19. Production Market Share of Key Gallium Nitride (GaN) on Silicon (Si) Producers in 2021

Table 20. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Manufacturer (2017-2022) & (US\$/Unit)

Table 21. Global Gallium Nitride (GaN) on Silicon (Si) Company Evaluation Quadrant

Table 22. World Gallium Nitride (GaN) on Silicon (Si) Industry Rank of Major Manufacturers, Based on Production Value in 2021

Table 23. Head Office and Gallium Nitride (GaN) on Silicon (Si) Production Site of Key Manufacturer

Table 24. Gallium Nitride (GaN) on Silicon (Si) Market: Company Product Type Footprint

Table 25. Gallium Nitride (GaN) on Silicon (Si) Market: Company Product Application Footprint

Table 26. Gallium Nitride (GaN) on Silicon (Si) Competitive Factors

Table 27. Gallium Nitride (GaN) on Silicon (Si) New Entrant and Capacity Expansion Plans

Table 28. Gallium Nitride (GaN) on Silicon (Si) Mergers & Acquisitions Activity

Table 29. United States VS China Gallium Nitride (GaN) on Silicon (Si) Production Value Comparison, (2017 & 2021 & 2028) & (USD Million)

Table 30. United States VS China Gallium Nitride (GaN) on Silicon (Si) Production Comparison, (2017 & 2021 & 2028) & (K Units)

Table 31. United States VS China Gallium Nitride (GaN) on Silicon (Si) Consumption Comparison, (2017 & 2021 & 2028) & (K Units)

Table 32. Major Manufacturer of Gallium Nitride (GaN) on Silicon (Si) in United States, Company Headquarters and Production Place (States, Country)

Table 33. United States Gallium Nitride (GaN) on Silicon (Si) Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 34. United States Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 35. United States Gallium Nitride (GaN) on Silicon (Si) Production by Domestic Manufacturer, (2017-2022) & (K Units)

Table 36. United States Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Domestic Manufacturer, (2017-2022)

Table 37. Major Manufacturer of Gallium Nitride (GaN) on Silicon (Si) in China, Company Headquarters and Production Place (Province, Country)

Table 38. China Gallium Nitride (GaN) on Silicon (Si) Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 39. China Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 40. China Gallium Nitride (GaN) on Silicon (Si) Production by Domestic Manufacturer, (2017-2022) & (K Units)

Table 41. China Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Domestic Manufacturer, (2017-2022)

Table 42. Major Manufacturer of Gallium Nitride (GaN) on Silicon (Si) in Rest of World, Company Headquarters and Production Place (State, Country)

Table 43. Rest of World Gallium Nitride (GaN) on Silicon (Si) Production Value by Domestic Manufacturer, (2017-2022) & (USD Million)

Table 44. Rest of World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Domestic Manufacturer, (2017-2022)

Table 45. Rest of World Gallium Nitride (GaN) on Silicon (Si) Production by Domestic Manufacturer, (2017-2022) & (K Units)

Table 46. Rest of World Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Domestic Manufacturer, (2017-2022)

Table 47. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Type, (USD Million), 2017 & 2021 & 2028

Table 48. World Gallium Nitride (GaN) on Silicon (Si) Production by Type (2017-2022) & (K Units)

Table 49. World Gallium Nitride (GaN) on Silicon (Si) Production by Type (2023-2028) & (K Units)

Table 50. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Type (2017-2022) & (USD Million)

Table 51. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Type (2023-2028) & (USD Million)

Table 52. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Type (2017-2022) & (US\$/Unit)

Table 53. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Type (2023-2028) & (US\$/Unit)

Table 54. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Application, (USD Million), 2017 & 2021 & 2028

Table 55. World Gallium Nitride (GaN) on Silicon (Si) Production by Application (2017-2022) & (K Units)

Table 56. World Gallium Nitride (GaN) on Silicon (Si) Production by Application (2023-2028) & (K Units)

Table 57. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Application (2017-2022) & (USD Million)

Table 58. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Application (2023-2028) & (USD Million)

Table 59. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Application

(2017-2022) & (US\$/Unit)

Table 60. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Application
(2023-2028) & (US\$/Unit)

Table 61. Navitas Basic Information, Manufacturing Base and Competitors

Table 62. Navitas Major Business

Table 63. Navitas Gallium Nitride (GaN) on Silicon (Si) Product and Services

Table 64. Navitas Gallium Nitride (GaN) on Silicon (Si) Production (K Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2017-2022)

Table 65. Navitas Recent Developments/Updates

Table 66. Navitas Competitive Strengths & Weaknesses

Table 67. Transphorm Basic Information, Manufacturing Base and Competitors

Table 68. Transphorm Major Business

Table 69. Transphorm Gallium Nitride (GaN) on Silicon (Si) Product and Services

Table 70. Transphorm Gallium Nitride (GaN) on Silicon (Si) Production (K Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2017-2022)

Table 71. Transphorm Recent Developments/Updates

Table 72. Transphorm Competitive Strengths & Weaknesses

Table 73. Innoscience Basic Information, Manufacturing Base and Competitors

Table 74. Innoscience Major Business

Table 75. Innoscience Gallium Nitride (GaN) on Silicon (Si) Product and Services

Table 76. Innoscience Gallium Nitride (GaN) on Silicon (Si) Production (K Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2017-2022)

Table 77. Innoscience Recent Developments/Updates

Table 78. Innoscience Competitive Strengths & Weaknesses

Table 79. Infineon Technologies Basic Information, Manufacturing Base and
Competitors

Table 80. Infineon Technologies Major Business

Table 81. Infineon Technologies Gallium Nitride (GaN) on Silicon (Si) Product and
Services

Table 82. Infineon Technologies Gallium Nitride (GaN) on Silicon (Si) Production (K
Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market
Share (2017-2022)

Table 83. Infineon Technologies Recent Developments/Updates

Table 84. Infineon Technologies Competitive Strengths & Weaknesses

Table 85. TI Basic Information, Manufacturing Base and Competitors

Table 86. TI Major Business

Table 87. TI Gallium Nitride (GaN) on Silicon (Si) Product and Services

Table 88. TI Gallium Nitride (GaN) on Silicon (Si) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 89. TI Recent Developments/Updates

Table 90. TI Competitive Strengths & Weaknesses

Table 91. China Resources Microelectronics Basic Information, Manufacturing Base and Competitors

Table 92. China Resources Microelectronics Major Business

Table 93. China Resources Microelectronics Gallium Nitride (GaN) on Silicon (Si) Product and Services

Table 94. China Resources Microelectronics Gallium Nitride (GaN) on Silicon (Si) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 95. China Resources Microelectronics Recent Developments/Updates

Table 96. STMicroelectronics/MACOM Basic Information, Manufacturing Base and Competitors

Table 97. STMicroelectronics/MACOM Major Business

Table 98. STMicroelectronics/MACOM Gallium Nitride (GaN) on Silicon (Si) Product and Services

Table 99. STMicroelectronics/MACOM Gallium Nitride (GaN) on Silicon (Si) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2017-2022)

Table 100. Gallium Nitride (GaN) on Silicon (Si) Raw Material

Table 101. Key Manufacturers of Gallium Nitride (GaN) on Silicon (Si) Raw Materials

Table 102. Gallium Nitride (GaN) on Silicon (Si) Typical Distributors

Table 103. Gallium Nitride (GaN) on Silicon (Si) Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Gallium Nitride (GaN) on Silicon (Si) Picture

Figure 2. World Gallium Nitride (GaN) on Silicon (Si) Production Value: 2017 & 2021 & 2028, (USD Million)

Figure 3. World Gallium Nitride (GaN) on Silicon (Si) Production Value and Forecast (2017-2028) & (USD Million)

Figure 4. World Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028) & (K Units)

Figure 5. World Gallium Nitride (GaN) on Silicon (Si) Average Price (2017-2028) & (US\$/Unit)

Figure 6. World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Region (2017-2028)

Figure 7. World Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Region (2017-2028)

Figure 8. North America Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028) & (K Units)

Figure 9. Europe Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028) & (K Units)

Figure 10. China Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028) & (K Units)

Figure 11. Japan Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028) & (K Units)

Figure 12. South Korea Gallium Nitride (GaN) on Silicon (Si) Production (2017-2028) & (K Units)

Figure 13. Gallium Nitride (GaN) on Silicon (Si) Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Gallium Nitride (GaN) on Silicon (Si) Demand (2017-2028) & (K Units)

Figure 16. World Gallium Nitride (GaN) on Silicon (Si) Consumption Market Share by Region (2017-2028)

Figure 17. United States Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028) & (K Units)

Figure 18. China Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028) & (K Units)

Figure 19. Europe Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028) & (K Units)

Figure 20. Japan Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028) & (K Units)

Units)

Figure 21. South Korea Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028) & (K Units)

Figure 22. ASEAN Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028) & (K Units)

Figure 23. India Gallium Nitride (GaN) on Silicon (Si) Consumption (2017-2028) & (K Units)

Figure 24. Producer Shipments of Gallium Nitride (GaN) on Silicon (Si) by Manufacturer Revenue (\$MM) and Market Share (%): 2021

Figure 25. Global Four-firm Concentration Ratios (CR4) for Gallium Nitride (GaN) on Silicon (Si) Markets in 2021

Figure 26. Global Four-firm Concentration Ratios (CR8) for Gallium Nitride (GaN) on Silicon (Si) Markets in 2021

Figure 27. United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share Comparison (2017 & 2021 & 2028)

Figure 28. United States VS China: Gallium Nitride (GaN) on Silicon (Si) Production Market Share Comparison (2017 & 2021 & 2028)

Figure 29. United States VS China: Gallium Nitride (GaN) on Silicon (Si) Consumption Market Share Comparison (2017 & 2021 & 2028)

Figure 30. Key Producers and Market Share of Gallium Nitride (GaN) on Silicon (Si) in United States

Figure 31. Key Producers and Market Share of Gallium Nitride (GaN) on Silicon (Si) in China

Figure 32. Key Producers and Market Share of Gallium Nitride (GaN) on Silicon (Si) in Rest of World

Figure 33. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Type, (USD Million), 2017 & 2021 & 2028

Figure 34. World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Type in 2021

Figure 35. GaN-on-Silicon Power Devices

Figure 36. GaN-on-Silicon RF Chip

Figure 37. GaN-on-Silicon LED Chip

Figure 38. World Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Type (2017-2028)

Figure 39. World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Type (2017-2028)

Figure 40. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Type (2017-2028) & (US\$/Unit)

Figure 41. World Gallium Nitride (GaN) on Silicon (Si) Production Value by Application,

(USD Million), 2017 & 2021 & 2028

Figure 42. World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Application in 2021

Figure 43. Consumer Electronics

Figure 44. Car Electronics

Figure 45. 5G

Figure 46. Other

Figure 47. World Gallium Nitride (GaN) on Silicon (Si) Production Market Share by Application (2017-2028)

Figure 48. World Gallium Nitride (GaN) on Silicon (Si) Production Value Market Share by Application (2017-2028)

Figure 49. World Gallium Nitride (GaN) on Silicon (Si) Average Price by Application (2017-2028) & (US\$/Unit)

Figure 50. Manufacturing Cost Structure Analysis of Gallium Nitride (GaN) on Silicon (Si) in 2021

Figure 51. Manufacturing Process Analysis of Gallium Nitride (GaN) on Silicon (Si)

Figure 52. Gallium Nitride (GaN) on Silicon (Si) Industrial Chain

Figure 53. Distribution Channel Breakdown for Gallium Nitride (GaN) on Silicon (Si) Shipments (%): 2017-2028

Figure 54. Direct Channel Pros & Cons

Figure 55. Indirect Channel Pros & Cons

Figure 56. Methodology

Figure 57. Research Process and Data Source

I would like to order

Product name: Global Gallium Nitride (GaN) on Silicon (Si) Production, Demand and Key Producers, 2022-2028

Product link: <https://marketpublishers.com/r/GA56614FF71CEN.html>

Price: US\$ 4,480.00 (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/GA56614FF71CEN.html>