

The Third Generation Power Device Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/TD392EB7EF17EN.html>

Date: March 2022

Pages: 65

Price: US\$ 3,250.00 (Single User License)

ID: TD392EB7EF17EN

Abstracts

This report focuses on The third Generation Power Device, including the GaN Power Semiconductors and SiC Power Semiconductors.

This report contains market size and forecasts of The Third Generation Power Device in Global, including the following market information:

Global The Third Generation Power Device Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global The Third Generation Power Device market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

GaN Power Semiconductors Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of The Third Generation Power Device include Infineon, CREE (Wolfspeed), ROHM, ST, ON Semiconductor, Mitsubishi Electric, Fuji Electric, Littelfuse and Global Power Technology and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the The Third Generation Power Device companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global The Third Generation Power Device Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global The Third Generation Power Device Market Segment Percentages, by Type, 2021 (%)

GaN Power Semiconductors

SiC Power Semiconductors

Global The Third Generation Power Device Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global The Third Generation Power Device Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

New Energy and Photovoltaic

Rail and Transportation

Industrial Motors

UPS Power Supply

New Energy Vehicles

Others

Global The Third Generation Power Device Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions)

Global The Third Generation Power Device Market Segment Percentages, By Region
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies The Third Generation Power Device revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies The Third Generation Power Device revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Infineon

CREE (Wolfspeed)

ROHM

ST

ON Semiconductor

Mitsubishi Electric

Fuji Electric

Littelfuse

Global Power Technology

BASiC Semiconductor

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 The Third Generation Power Device Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global The Third Generation Power Device Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL THE THIRD GENERATION POWER DEVICE OVERALL MARKET SIZE

- 2.1 Global The Third Generation Power Device Market Size: 2021 VS 2028
- 2.2 Global The Third Generation Power Device Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
 - 2.3.1 Market Opportunities & Trends
 - 2.3.2 Market Drivers
 - 2.3.3 Market Restraints

3 COMPANY LANDSCAPE

- 3.1 Top The Third Generation Power Device Players in Global Market
- 3.2 Top Global The Third Generation Power Device Companies Ranked by Revenue
- 3.3 Global The Third Generation Power Device Revenue by Companies
- 3.4 Top 3 and Top 5 The Third Generation Power Device Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies The Third Generation Power Device Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 The Third Generation Power Device Players in Global Market
 - 3.6.1 List of Global Tier 1 The Third Generation Power Device Companies
 - 3.6.2 List of Global Tier 2 and Tier 3 The Third Generation Power Device Companies

4 MARKET SIGHTS BY PRODUCT

4.1 Overview

4.1.1 by Type - Global The Third Generation Power Device Market Size Markets, 2021 & 2028

4.1.2 GaN Power Semiconductors

4.1.3 SiC Power Semiconductors

4.2 By Type - Global The Third Generation Power Device Revenue & Forecasts

4.2.1 By Type - Global The Third Generation Power Device Revenue, 2017-2022

4.2.2 By Type - Global The Third Generation Power Device Revenue, 2023-2028

4.2.3 By Type - Global The Third Generation Power Device Revenue Market Share, 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global The Third Generation Power Device Market Size, 2021 & 2028

5.1.2 Consumer Electronics

5.1.3 New Energy and Photovoltaic

5.1.4 Rail and Transportation

5.1.5 Industrial Motors

5.1.6 UPS Power Supply

5.1.7 New Energy Vehicles

5.1.8 Others

5.2 By Application - Global The Third Generation Power Device Revenue & Forecasts

5.2.1 By Application - Global The Third Generation Power Device Revenue, 2017-2022

5.2.2 By Application - Global The Third Generation Power Device Revenue, 2023-2028

5.2.3 By Application - Global The Third Generation Power Device Revenue Market Share, 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global The Third Generation Power Device Market Size, 2021 & 2028

6.2 By Region - Global The Third Generation Power Device Revenue & Forecasts

6.2.1 By Region - Global The Third Generation Power Device Revenue, 2017-2022

6.2.2 By Region - Global The Third Generation Power Device Revenue, 2023-2028

6.2.3 By Region - Global The Third Generation Power Device Revenue Market Share, 2017-2028

6.3 North America

6.3.1 By Country - North America The Third Generation Power Device Revenue, 2017-2028

6.3.2 US The Third Generation Power Device Market Size, 2017-2028

6.3.3 Canada The Third Generation Power Device Market Size, 2017-2028

6.3.4 Mexico The Third Generation Power Device Market Size, 2017-2028

6.4 Europe

6.4.1 By Country - Europe The Third Generation Power Device Revenue, 2017-2028

6.4.2 Germany The Third Generation Power Device Market Size, 2017-2028

6.4.3 France The Third Generation Power Device Market Size, 2017-2028

6.4.4 U.K. The Third Generation Power Device Market Size, 2017-2028

6.4.5 Italy The Third Generation Power Device Market Size, 2017-2028

6.4.6 Russia The Third Generation Power Device Market Size, 2017-2028

6.4.7 Nordic Countries The Third Generation Power Device Market Size, 2017-2028

6.4.8 Benelux The Third Generation Power Device Market Size, 2017-2028

6.5 Asia

6.5.1 By Region - Asia The Third Generation Power Device Revenue, 2017-2028

6.5.2 China The Third Generation Power Device Market Size, 2017-2028

6.5.3 Japan The Third Generation Power Device Market Size, 2017-2028

6.5.4 South Korea The Third Generation Power Device Market Size, 2017-2028

6.5.5 Southeast Asia The Third Generation Power Device Market Size, 2017-2028

6.5.6 India The Third Generation Power Device Market Size, 2017-2028

6.6 South America

6.6.1 By Country - South America The Third Generation Power Device Revenue, 2017-2028

6.6.2 Brazil The Third Generation Power Device Market Size, 2017-2028

6.6.3 Argentina The Third Generation Power Device Market Size, 2017-2028

6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa The Third Generation Power Device Revenue, 2017-2028

6.7.2 Turkey The Third Generation Power Device Market Size, 2017-2028

6.7.3 Israel The Third Generation Power Device Market Size, 2017-2028

6.7.4 Saudi Arabia The Third Generation Power Device Market Size, 2017-2028

6.7.5 UAE The Third Generation Power Device Market Size, 2017-2028

7 PLAYERS PROFILES

7.1 Infineon

7.1.1 Infineon Corporate Summary

7.1.2 Infineon Business Overview

7.1.3 Infineon The Third Generation Power Device Major Product Offerings

7.1.4 Infineon The Third Generation Power Device Revenue in Global Market (2017-2022)

7.1.5 Infineon Key News

7.2 CREE (Wolfspeed)

7.2.1 CREE (Wolfspeed) Corporate Summary

7.2.2 CREE (Wolfspeed) Business Overview

7.2.3 CREE (Wolfspeed) The Third Generation Power Device Major Product Offerings

7.2.4 CREE (Wolfspeed) The Third Generation Power Device Revenue in Global Market (2017-2022)

7.2.5 CREE (Wolfspeed) Key News

7.3 ROHM

7.3.1 ROHM Corporate Summary

7.3.2 ROHM Business Overview

7.3.3 ROHM The Third Generation Power Device Major Product Offerings

7.3.4 ROHM The Third Generation Power Device Revenue in Global Market (2017-2022)

7.3.5 ROHM Key News

7.4 ST

7.4.1 ST Corporate Summary

7.4.2 ST Business Overview

7.4.3 ST The Third Generation Power Device Major Product Offerings

7.4.4 ST The Third Generation Power Device Revenue in Global Market (2017-2022)

7.4.5 ST Key News

7.5 ON Semiconductor

7.5.1 ON Semiconductor Corporate Summary

7.5.2 ON Semiconductor Business Overview

7.5.3 ON Semiconductor The Third Generation Power Device Major Product Offerings

7.5.4 ON Semiconductor The Third Generation Power Device Revenue in Global Market (2017-2022)

7.5.5 ON Semiconductor Key News

7.6 Mitsubishi Electric

7.6.1 Mitsubishi Electric Corporate Summary

7.6.2 Mitsubishi Electric Business Overview

7.6.3 Mitsubishi Electric The Third Generation Power Device Major Product Offerings

7.6.4 Mitsubishi Electric The Third Generation Power Device Revenue in Global

Market (2017-2022)

7.6.5 Mitsubishi Electric Key News

7.7 Fuji Electric

7.7.1 Fuji Electric Corporate Summary

7.7.2 Fuji Electric Business Overview

7.7.3 Fuji Electric The Third Generation Power Device Major Product Offerings

7.7.4 Fuji Electric The Third Generation Power Device Revenue in Global Market

(2017-2022)

7.7.5 Fuji Electric Key News

7.8 Littelfuse

7.8.1 Littelfuse Corporate Summary

7.8.2 Littelfuse Business Overview

7.8.3 Littelfuse The Third Generation Power Device Major Product Offerings

7.8.4 Littelfuse The Third Generation Power Device Revenue in Global Market

(2017-2022)

7.8.5 Littelfuse Key News

7.9 Global Power Technology

7.9.1 Global Power Technology Corporate Summary

7.9.2 Global Power Technology Business Overview

7.9.3 Global Power Technology The Third Generation Power Device Major Product Offerings

7.9.4 Global Power Technology The Third Generation Power Device Revenue in Global Market (2017-2022)

7.9.5 Global Power Technology Key News

7.10 BASiC Semiconductor

7.10.1 BASiC Semiconductor Corporate Summary

7.10.2 BASiC Semiconductor Business Overview

7.10.3 BASiC Semiconductor The Third Generation Power Device Major Product Offerings

7.10.4 BASiC Semiconductor The Third Generation Power Device Revenue in Global Market (2017-2022)

7.10.5 BASiC Semiconductor Key News

8 CONCLUSION

9 APPENDIX

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. The Third Generation Power Device Market Opportunities & Trends in Global Market

Table 2. The Third Generation Power Device Market Drivers in Global Market

Table 3. The Third Generation Power Device Market Restraints in Global Market

Table 4. Key Players of The Third Generation Power Device in Global Market

Table 5. Top The Third Generation Power Device Players in Global Market, Ranking by Revenue (2021)

Table 6. Global The Third Generation Power Device Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global The Third Generation Power Device Revenue Share by Companies, 2017-2022

Table 8. Global Companies The Third Generation Power Device Product Type

Table 9. List of Global Tier 1 The Third Generation Power Device Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 The Third Generation Power Device Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global The Third Generation Power Device Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - The Third Generation Power Device Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - The Third Generation Power Device Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global The Third Generation Power Device Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - The Third Generation Power Device Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - The Third Generation Power Device Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global The Third Generation Power Device Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global The Third Generation Power Device Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global The Third Generation Power Device Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America The Third Generation Power Device Revenue,

(US\$, Mn), 2017-2022

Table 21. By Country - North America The Third Generation Power Device Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe The Third Generation Power Device Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe The Third Generation Power Device Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia The Third Generation Power Device Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia The Third Generation Power Device Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America The Third Generation Power Device Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America The Third Generation Power Device Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa The Third Generation Power Device Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa The Third Generation Power Device Revenue, (US\$, Mn), 2023-2028

Table 30. Infineon Corporate Summary

Table 31. Infineon The Third Generation Power Device Product Offerings

Table 32. Infineon The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 33. CREE (Wolfspeed) Corporate Summary

Table 34. CREE (Wolfspeed) The Third Generation Power Device Product Offerings

Table 35. CREE (Wolfspeed) The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 36. ROHM Corporate Summary

Table 37. ROHM The Third Generation Power Device Product Offerings

Table 38. ROHM The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 39. ST Corporate Summary

Table 40. ST The Third Generation Power Device Product Offerings

Table 41. ST The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 42. ON Semiconductor Corporate Summary

Table 43. ON Semiconductor The Third Generation Power Device Product Offerings

Table 44. ON Semiconductor The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 45. Mitsubishi Electric Corporate Summary

Table 46. Mitsubishi Electric The Third Generation Power Device Product Offerings

Table 47. Mitsubishi Electric The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 48. Fuji Electric Corporate Summary

Table 49. Fuji Electric The Third Generation Power Device Product Offerings

Table 50. Fuji Electric The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 51. Littelfuse Corporate Summary

Table 52. Littelfuse The Third Generation Power Device Product Offerings

Table 53. Littelfuse The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 54. Global Power Technology Corporate Summary

Table 55. Global Power Technology The Third Generation Power Device Product Offerings

Table 56. Global Power Technology The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

Table 57. BASiC Semiconductor Corporate Summary

Table 58. BASiC Semiconductor The Third Generation Power Device Product Offerings

Table 59. BASiC Semiconductor The Third Generation Power Device Revenue (US\$, Mn), (2017-2022)

List Of Figures

LIST OF FIGURES

- Figure 1. The Third Generation Power Device Segment by Type in 2021
- Figure 2. The Third Generation Power Device Segment by Application in 2021
- Figure 3. Global The Third Generation Power Device Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global The Third Generation Power Device Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global The Third Generation Power Device Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by The Third Generation Power Device Revenue in 2021
- Figure 8. By Type - Global The Third Generation Power Device Revenue Market Share, 2017-2028
- Figure 9. By Application - Global The Third Generation Power Device Revenue Market Share, 2017-2028
- Figure 10. By Region - Global The Third Generation Power Device Revenue Market Share, 2017-2028
- Figure 11. By Country - North America The Third Generation Power Device Revenue Market Share, 2017-2028
- Figure 12. US The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe The Third Generation Power Device Revenue Market Share, 2017-2028
- Figure 16. Germany The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 17. France The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia The Third Generation Power Device Revenue Market Share, 2017-2028

Figure 24. China The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 25. Japan The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 26. South Korea The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 27. Southeast Asia The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 28. India The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America The Third Generation Power Device Revenue Market Share, 2017-2028

Figure 30. Brazil The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa The Third Generation Power Device Revenue Market Share, 2017-2028

Figure 33. Turkey The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE The Third Generation Power Device Revenue, (US\$, Mn), 2017-2028

Figure 37. Infineon The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. CREE (Wolfspeed) The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. ROHM The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. ST The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. ON Semiconductor The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Mitsubishi Electric The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. Fuji Electric The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Littelfuse The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 45. Global Power Technology The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 46. BASiC Semiconductor The Third Generation Power Device Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

I would like to order

Product name: The Third Generation Power Device Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/TD392EB7EF17EN.html>

Price: US\$ 3,250.00 (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/TD392EB7EF17EN.html>