

Silicon Carbide Power Semiconductors Market by Power Module (Power Product and Discrete Product) and Industry Vertical (IT & Telecom, Aerospace & Defense, Industrial, Energy & Power, Electronics, and Automotive & Healthcare) - Global Opportunity Analysis and Industry Forecast, 2018-2025

<https://marketpublishers.com/r/S01D134F542EN.html>

Date: September 2018

Pages: 220

Price: US\$ 5,370.00 (Single User License)

ID: S01D134F542EN

Abstracts

Silicon Carbide Power Semiconductors Market Overview:

The global silicon carbide (SiC) power semiconductor market was valued at \$302 million in 2017, and is projected to reach \$1,109 million by 2025, registering a CAGR of 18.1% from 2018 to 2025. The Asia-Pacific captured the highest market share of 49% in 2017 and is expected to be dominant throughout the forecast period, that is, 2018 to 2025.

Silicon carbide (SiC) power semiconductor is a compound semiconductor formed by combining silicon and carbide. It is majorly used in power electronics systems, which deal with control and conversion of electrical power effectively and efficiently. Silicon carbide (SiC) power devices have evolved from immature prototypes in laboratories to viable alternatives to Si-based power devices in high-efficiency and high-power density applications, owing to rapid innovation and development of the semiconductors industry.

SiC-based power devices have significant advantages over silicon-based power devices such as high breakdown voltage, high operating electric field, high operating temperature, high switching frequency, and low losses. SiC-based semiconductors are applicable in areas where high temperature, high voltage, and high-power density are required.

Increasing number of high-voltage, high-efficiency, and high-power density applications, such as industrial motor drives, telecommunication, renewable energy systems, and automotive electronics, drives the growth of the silicon carbide power semiconductors market. Moreover, there is increased penetration of electric vehicles, owing to government support and initiatives. Thus, increasing usage of SiC power devices in automotive electronics drives the market.

However, the growth of the SiC power semiconductors market is restrained by the high wafer cost of silicon carbide. High-purity SiC powder and high-purity silane (SiH₄) are the critical precursors for producing SiC layers in the chips. High-purity SiC powder is currently available from a limited number of suppliers and is relatively expensive, while high-purity silane is produced by a few large multinational industrial gas companies. Thus, the market is restrained by the fewer raw material suppliers required for the creation of SiC substrates. However, owing to the rising technological developments, such as the advent of 5G, lucrative opportunities are created for the growth of the silicon carbide power semiconductors market.

The global silicon carbide (SiC) power semiconductors market is segmented by power module, industry vertical, and region. According to power module, it is bifurcated into power product and discrete product. On the basis of industry vertical, it is categorized into IT & telecom, aerospace & defense, industrial, energy & power, electronics, automotive, and healthcare. Based on region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Benefits for Silicon Carbide Power Semiconductors Market:

This study comprises the analytical depiction of the global silicon carbide power semiconductors market along with the current trends and future estimations to depict the imminent investment pockets.

The overall market potential is determined to understand the profitable trends to gain a stronger coverage in the market.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current market is quantitatively analyzed from 2018 to 2025 to highlight the financial competency of the market.

Porter's Five Forces analysis illustrates the potency of the buyers and suppliers.

Silicon Carbide Power Semiconductors @KEY MARKET SEGMENTS:

By Power Module

Power product

Discrete product

By Industry Vertical

IT & telecom

Aerospace & defense

Industrial

Energy & power

Electronics

Automotive

Healthcare

By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

Contents

CHAPTER 1: INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS FOR STAKEHOLDERS
- 1.3. KEY MARKET SEGMENTS
- 1.4. RESEARCH METHODOLOGY
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

CHAPTER 3: MARKET OVERVIEW

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
 - 3.2.3. Top winning strategies
- 3.3. PORTERS FIVE FORCES ANALYSIS
 - 3.3.1. Moderate to high bargaining power of suppliers
 - 3.3.2. Moderate threat of new entrants
 - 3.3.3. Moderate threat of substitutes
 - 3.3.4. Moderate to high intensity of rivalry
 - 3.3.5. Moderate to high bargaining power of buyers
- 3.4. KEY PLAYER POSITIONING, 2017 (%)
- 3.5. MARKET DYNAMICS
 - 3.5.1. Drivers
 - 3.5.1.1. Advantages of compound semiconductors (SiC) over silicon-based technology.
 - 3.5.1.2. Increase in demand of power electronics modules across various industry verticals.
 - 3.5.1.3. Rise in installation of solar photovoltaic panels for electricity generation.
 - 3.5.1.4. Growth in demand of electric vehicles, plug-in electric vehicles, and hybrid electric vehicles.

3.5.2. Restraints

3.5.2.1. High wafer cost of silicon carbide semiconductors.

3.5.2.2. Complexity in supply chain and designing process of SiC semiconductor technology.

3.5.3. Opportunities

3.5.3.1. Advent of 5G mobile communication.

CHAPTER 4: SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE

4.1. OVERVIEW

4.2. POWER PRODUCTS

4.2.1. Key market trends, growth factors, and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market analysis, by country

4.3. DISCRETE PRODUCTS

4.3.1. Key market trends, growth factors, and opportunities

4.3.2. Market size and forecast, by region

4.3.3. Market analysis, by country

CHAPTER 5: SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL

5.1. OVERVIEW

5.2. IT & TELECOM

5.2.1. Key market trends, growth factors, and opportunities

5.2.2. Market size and forecast, by region

5.2.3. Market analysis, by country

5.3. AEROSPACE & DEFENSE

5.3.1. Key market trends, growth factors, and opportunities

5.3.2. Market size and forecast, by region

5.3.3. Market analysis, by country

5.4. INDUSTRIAL

5.4.1. Key market trends, growth factors, and opportunities

5.4.2. Market size and forecast, by region

5.4.3. Market analysis, by country

5.5. ENERGY & POWER

5.5.1. Key market trends, growth factors, and opportunities

5.5.2. Market size and forecast, by region

5.5.3. Market analysis, by country

5.6. ELECTRONICS

5.6.1. Key market trends, growth factors, and opportunities

5.6.2. Market size and forecast, by region

5.6.3. Market analysis, by country

5.7. AUTOMOTIVE

5.7.1. Key market trends, growth factors, and opportunities

5.7.2. Market size and forecast, by region

5.7.3. Market analysis, by country

5.8. HEALTHCARE

5.8.1. Key market trends, growth factors, and opportunities

5.8.2. Market size and forecast, by region

5.8.3. Market analysis, by country

CHAPTER 6: SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY REGION

6.1. OVERVIEW

6.2. NORTH AMERICA

6.2.1. Key market trends, growth factors, and opportunities

6.2.2. Market size and forecast, by power module

6.2.3. Market size and forecast, by industry vertical

6.2.4. Market analysis, by country

6.2.4.1. U.S.

6.2.4.1.1. Market size and forecast, by Power module

6.2.4.1.2. Market size and forecast, by industry vertical

6.2.4.2. Canada

6.2.4.2.1. Market size and forecast, by Power module

6.2.4.2.2. Market size and forecast, by industry vertical

6.2.4.3. Mexico

6.2.4.3.1. Market size and forecast, by Power module

6.2.4.3.2. Market size and forecast, by industry vertical

6.3. EUROPE

6.3.1. Key market trends, growth factors, and opportunities

6.3.2. Market size and forecast, by Power module

6.3.3. Market size and forecast, by industry vertical

6.3.4. Market analysis, by country

6.3.4.1. U.K.

6.3.4.1.1. Market size and forecast, by Power module

- 6.3.4.1.2. Market size and forecast, by industry vertical
- 6.3.4.2. Germany
 - 6.3.4.2.1. Market size and forecast, by Power module
 - 6.3.4.2.2. Market size and forecast, by industry vertical
- 6.3.4.3. France
 - 6.3.4.3.1. Market size and forecast, by Power module
 - 6.3.4.3.2. Market size and forecast, by industry vertical
- 6.3.4.4. Italy
 - 6.3.4.4.1. Market size and forecast, by Power module
 - 6.3.4.4.2. Market size and forecast, by industry vertical
- 6.3.4.5. Rest of Europe
 - 6.3.4.5.1. Market size and forecast, by Power module
 - 6.3.4.5.2. Market size and forecast, by industry vertical
- 6.4. ASIA-PACIFIC
 - 6.4.1. Key market trends, growth factors, and opportunities
 - 6.4.2. Market size and forecast, by Power module
 - 6.4.3. Market size and forecast, by industry vertical
 - 6.4.4. Market analysis, by country
 - 6.4.4.1. China
 - 6.4.4.1.1. Market size and forecast, by Power module
 - 6.4.4.1.2. Market size and forecast, by industry vertical
 - 6.4.4.2. India
 - 6.4.4.2.1. Market size and forecast, by Power module
 - 6.4.4.2.2. Market size and forecast, by industry vertical
 - 6.4.4.3. Japan
 - 6.4.4.3.1. Market size and forecast, by Power module
 - 6.4.4.3.2. Market size and forecast, by industry vertical
 - 6.4.4.4. Australia
 - 6.4.4.4.1. Market size and forecast, by Power module
 - 6.4.4.4.2. Market size and forecast, by industry vertical
 - 6.4.4.5. South Korea
 - 6.4.4.5.1. Market size and forecast, by Power module
 - 6.4.4.5.2. Market size and forecast, by industry vertical
 - 6.4.4.6. Rest of Asia-Pacific
 - 6.4.4.6.1. Market size and forecast, by Power module
 - 6.4.4.6.2. Market size and forecast, by industry vertical
 - 6.5. LAMEA
 - 6.5.1. Key market trends, growth factors, and opportunities
 - 6.5.2. Market size and forecast, by Power module

- 6.5.3. Market size and forecast, by industry vertical
- 6.5.4. Market analysis by country
 - 6.5.4.1. Brazil
 - 6.5.4.1.1. Market size and forecast, by Power module
 - 6.5.4.1.2. Market size and forecast, by industry vertical
 - 6.5.4.2. Saudi Arabia
 - 6.5.4.2.1. Market size and forecast, by Power module
 - 6.5.4.2.2. Market size and forecast, by industry vertical
 - 6.5.4.3. South Africa
 - 6.5.4.3.1. Market size and forecast, by Power module
 - 6.5.4.3.2. Market size and forecast, by industry vertical
 - 6.5.4.4. Rest of LAMEA
 - 6.5.4.4.1. Market size and forecast, by Power module
 - 6.5.4.4.2. Market size and forecast, by industry vertical

CHAPTER 7: COMPANY PROFILES

- 7.1. INFINEON TECHNOLOGY
 - 7.1.1. Company overview
 - 7.1.2. Company snapshot
 - 7.1.3. Operating business segments
 - 7.1.4. Business performance
 - 7.1.5. Key strategic moves and developments
- 7.2. MICROSEMI CORPORATION
 - 7.2.1. Company overview
 - 7.2.2. Company snapshot
 - 7.2.3. Operating business segments
 - 7.2.4. Business performance
 - 7.2.5. Key strategic moves and developments
- 7.3. GENERAL ELECTRIC COMPANY
 - 7.3.1. Company overview
 - 7.3.2. Company snapshot
 - 7.3.3. Operating business segments
 - 7.3.4. Business performance
 - 7.3.5. Key strategic moves and developments
- 7.4. POWER INTEGRATION, INC.
 - 7.4.1. Company overview
 - 7.4.2. Company snapshot
 - 7.4.3. Operating business segments

- 7.4.4. Business performance
- 7.4.5. Key strategic moves and developments
- 7.5. FAIRCHILD SEMICONDUCTOR (ON SEMICONDUCTOR)
 - 7.5.1. Company overview
 - 7.5.2. Company snapshot
 - 7.5.3. Operating business segments
 - 7.5.4. Business performance
 - 7.5.5. Key strategic moves and developments
- 7.6. STMICROELECTRONICS
 - 7.6.1. Company overview
 - 7.6.2. Company snapshot
 - 7.6.3. Operating business segments
 - 7.6.4. Business performance
 - 7.6.5. Key strategic moves and developments
- 7.7. TOKYO ELECTRON LIMITED
 - 7.7.1. Company overview
 - 7.7.2. Company snapshot
 - 7.7.3. Operating business segments
 - 7.7.4. Business performance
 - 7.7.5. Key strategic moves and developments
- 7.8. RENESAS ELECTRONICS CORPORATION
 - 7.8.1. Company overview
 - 7.8.2. Company snapshot
 - 7.8.3. Operating business segments
 - 7.8.4. Business performance
 - 7.8.5. Key strategic moves and developments
- 7.9. TOSHIBA CORPORATION
 - 7.9.1. Company overview
 - 7.9.2. Company snapshot
 - 7.9.3. Operating business segments
 - 7.9.4. Business performance
 - 7.9.5. Key strategic moves and developments
- 7.10. CREE, INC.
 - 7.10.1. Company overview
 - 7.10.2. Company snapshot
 - 7.10.3. Operating business segments
 - 7.10.4. Business performance
 - 7.10.5. Key strategic moves and developments
- 7.11. ROHM CORPORATION

- 7.11.1. Company overview
- 7.11.2. Company snapshot
- 7.11.3. Operating business segments
- 7.11.4. Business performance
- 7.11.5. Key strategic moves and developments

7.12. NXP SEMICONDUCTORS

- 7.12.1. Company overview
- 7.12.2. Company snapshot
- 7.12.3. Operating business segments
- 7.12.4. Business performance
- 7.12.5. Key strategic moves and developments

List Of Tables

LIST OF TABLES

TABLE 01. GLOBAL SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 02. POWER PRODUCTS MARKET REVENUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 03. DISCRETE PRODUCTS MARKET REVENUE, BY REGION, 2017-2025 (\$MILLION)

TABLE 04. GLOBAL SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 05. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET REVENUE FOR IT & TELECOM, BY REGION, 2017-2025 (\$MILLION)

TABLE 06. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET REVENUE FOR AEROSPACE & DEFENSE, BY REGION, 2017-2025 (\$MILLION)

TABLE 07. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET REVENUE FOR INDUSTRIAL, BY REGION, 2017-2025 (\$MILLION)

TABLE 08. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET REVENUE FOR ENERGY & POWER, BY REGION, 2017-2025 (\$MILLION)

TABLE 09. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET REVENUE FOR ELECTRONICS, BY REGION, 2017-2025 (\$MILLION)

TABLE 10. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET REVENUE AUTOMOTIVE, BY REGION, 2017-2025 (\$MILLION)

TABLE 11. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET REVENUE FOR HEALTHCARE, BY REGION, 2017-2025 (\$MILLION)

TABLE 12. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS, BY REGION, 2017-2025 (\$MILLION)

TABLE 13. NORTH AMERICAN SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 14. NORTH AMERICAN SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 15. U.S. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 16. U.S. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 17. CANADA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 18. CANADA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS

MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 19. MEXICO SILICON CARBIDE (SiC) POWER SEMICONDUCTORS

MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 20. MEXICO SILICON CARBIDE (SiC) POWER SEMICONDUCTORS

MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 21. EUROPE SILICON CARBIDE (SiC) POWER SEMICONDUCTORS

MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 22. EUROPE SILICON CARBIDE (SiC) POWER SEMICONDUCTORS

MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 23. U.K. SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET, BY
POWER MODULE, 2017-2025 (\$MILLION)

TABLE 24. U.K. SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET, BY
INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 25. GERMANY SILICON CARBIDE (SiC) POWER SEMICONDUCTORS
MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 26. GERMANY SILICON CARBIDE (SiC) POWER SEMICONDUCTORS
MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 27. FRANCE SILICON CARBIDE (SiC) POWER SEMICONDUCTORS
MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 28. FRANCE SILICON CARBIDE (SiC) POWER SEMICONDUCTORS
MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 29. ITALY SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET,
BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 30. ITALY SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET,
BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 31. REST OF EUROPE SILICON CARBIDE (SiC) POWER
SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 32. REST OF EUROPE SILICON CARBIDE (SiC) POWER
SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 33. ASIA-PACIFIC SILICON CARBIDE (SiC) POWER SEMICONDUCTORS
MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 34. ASIA-PACIFIC SILICON CARBIDE (SiC) POWER SEMICONDUCTORS
MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 35. CHINA SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET,
BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 36. CHINA SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET,
BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 37. INDIA SILICON CARBIDE (SiC) POWER SEMICONDUCTORS MARKET,
BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 38. INDIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 39. JAPAN SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 40. JAPAN SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 41. AUSTRALIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 42. AUSTRALIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 43. SOUTH KOREA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 44. SOUTH KOREA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 45. REST OF ASIA-PACIFIC SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 46. REST OF ASIA-PACIFIC SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 47. LAMEA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 48. LAMEA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 49. BRAZIL SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$THOUSAND)

TABLE 50. BRAZIL SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$THOUSAND)

TABLE 51. SAUDI ARABIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$THOUSAND)

TABLE 52. SAUDI ARABIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$ THOUSAND)

TABLE 53. SOUTH AFRICA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 54. SOUTH AFRICA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$THOUSANDS)

TABLE 55. REST OF LAMEA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY POWER MODULE, 2017-2025 (\$MILLION)

TABLE 56. REST OF LAMEA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, BY INDUSTRY VERTICAL, 2017-2025 (\$MILLION)

TABLE 57. INFINEON TECHNOLOGY: COMPANY SNAPSHOT

TABLE 58. INFINEON TECHNOLOGY: OPERATING SEGMENTS

TABLE 59. INFINEON TECHNOLOGY: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 60. MICROSEMI CORPORATION: COMPANY SNAPSHOT

TABLE 61. MICROSEMI CORPORATION: OPERATING SEGMENTS

TABLE 62. MICROSEMI CORPORATION: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 63. GENERAL ELECTRIC COMPANY: COMPANY SNAPSHOT

TABLE 64. GENERAL ELECTRIC COMPANY: OPERATING SEGMENTS

TABLE 65. GENERAL ELECTRIC COMPANY: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 66. POWER INTEGRATION, INC.: COMPANY SNAPSHOT

TABLE 67. POWER INTEGRATION, INC.: OPERATING SEGMENTS

TABLE 68. POWER INTEGRATION, INC.: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 69. FAIRCHILD SEMICONDUCTOR (ON SEMICONDUCTOR): COMPANY SNAPSHOT

TABLE 70. FAIRCHILD SEMICONDUCTOR (ON SEMICNDUCTOR): OPERATING SEGMENTS

TABLE 71. FAIRCHILD SEMICONDUCTOR (ON SEMICONDUCTOR): KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 72. STMICROELECTRONICS: COMPANY SNAPSHOT

TABLE 73. STMICROELECTRONICS: OPERATING SEGMENTS

TABLE 74. STMICROELECTRONICS: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 75. TOKYO ELECTRON LIMITED: COMPANY SNAPSHOT

TABLE 76. TOKYO ELECTRON LIMITED: OPERATING SEGMENTS

TABLE 77. TOKYO ELECTRON LIMITED: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 78. RENESAS ELECTRONICS CORPORATION: COMPANY SNAPSHOT

TABLE 79. RENESAS ELECTRONICS CORPORATION: OPERATING SEGMENTS

TABLE 80. RENESAS ELECTRONICS CORPORATION: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 81. TOSHIBA CORPORATION: COMPANY SNAPSHOT

TABLE 82. TOSHIBA CORPORATION: OPERATING SEGMENTS

TABLE 83. TOSHIBA CORPORATION: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 84. CREE: COMPANY SNAPSHOT

TABLE 85. CREE: OPERATING SEGMENTS

TABLE 86. CREE: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 87. ROHM: COMPANY SNAPSHOT

TABLE 88. ROHM: OPERATING SEGMENTS

TABLE 89. ROHM: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 90. NXP: COMPANY SNAPSHOT

TABLE 91. NXP: OPERATING SEGMENTS

TABLE 92. NXP: KEY STRATEGIC MOVES AND DEVELOPMENTS

List Of Figures

LIST OF FIGURES

FIGURE 01. KEY MARKET SEGMENTS

FIGURE 02. EXECUTIVE SUMMARY

FIGURE 03. EXECUTIVE SUMMARY

FIGURE 04. TOP IMPACTING FACTORS

FIGURE 05. TOP WINNING STRATEGIES, BY YEAR, 2015-2018

FIGURE 06. TOP WINNING STRATEGIES, BY DEVELOPMENT, 2015-2018

FIGURE 07. TOP WINNING STRATEGIES, BY COMPANY, 2015-2018

FIGURE 08. MARKET KEY PLAYER POSITIONING, 2017 (%)

FIGURE 09. COMPARATIVE SHARE ANALYSIS OF POWER PRODUCTS MARKET, BY COUNTRY, 2017 & 2025 (%)

FIGURE 10. COMPARATIVE SHARE ANALYSIS OF DISCRETE PRODUCTS MARKET, BY COUNTRY, 2017 & 2025 (%)

FIGURE 11. COMPARATIVE SHARE ANALYSIS OF SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET FOR IT & TELECOM, BY COUNTRY, 2017 & 2025 (%)

FIGURE 12. COMPARATIVE SHARE ANALYSIS OF SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET FOR AEROSPACE & DEFENSE, BY COUNTRY, 2017 & 2025 (%)

FIGURE 13. COMPARATIVE SHARE ANALYSIS OF SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET FOR INDUSTRIAL, BY COUNTRY, 2017 & 2025 (%)

FIGURE 14. COMPARATIVE SHARE ANALYSIS OF SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET FOR ENERGY & POWER, BY COUNTRY, 2017 & 2025 (%)

FIGURE 15. COMPARATIVE SHARE ANALYSIS OF SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET ELECTRONICS, BY COUNTRY, 2017 & 2025 (%)

FIGURE 16. COMPARATIVE SHARE ANALYSIS OF SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET AUTOMOTIVE, BY COUNTRY, 2017 & 2025 (%)

FIGURE 17. COMPARATIVE SHARE ANALYSIS OF SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET FOR HEALTHCARE, BY COUNTRY, 2017 & 2025 (%)

FIGURE 18. U.S. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 19. CANADA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 20. MEXICO SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 21. U.K. SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 22. GERMANY SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 23. FRANCE SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 24. ITALY SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 25. REST OF EUROPE SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 26. CHINA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 27. INDIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 28. JAPAN SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 29. AUSTRALIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 30. SOUTH KOREA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 31. REST OF ASIA-PACIFIC SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 32. BRAZIL SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 33. SAUDI ARABIA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 34. SOUTH AFRICA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 35. REST OF LAMEA SILICON CARBIDE (SIC) POWER SEMICONDUCTORS MARKET, 2017-2025 (\$MILLION)

FIGURE 36. INFINEON TECHNOLOGY: REVENUE, 2015-2017 (\$MILLION)

FIGURE 37. INFINEON TECHNOLOGY: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 38. INFINEON TECHNOLOGY: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 39. MICROSEMI CORPORATION: REVENUE, 2015-2017 (\$MILLION)

FIGURE 40. MICROSEMI CORPORATION: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 41. MICROSEMI CORPORATION: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 42. GENERAL ELECTRIC COMPANY: REVENUE, 2015-2017 (\$MILLION)

FIGURE 43. GENERAL ELECTRIC COMPANY: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 44. GENERAL ELECTRIC COMPANY: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 45. POWER INTEGRATION, INC.: REVENUE, 2015-2017 (\$MILLION)

FIGURE 46. POWER INTEGRATION, INC.: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 47. POWER INTEGRATION, INC.: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 48. FAIRCHILD SEMICONDUCTOR (ON SEMICONDUCTOR): REVENUE, 2015-2017 (\$MILLION)

FIGURE 49. FAIRCHILD SEMICONDUCTOR (ON SEMICONDUCTOR): REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 50. FAIRCHILD SEMICONDUCTOR (ON SEMICONDUCTOR): REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 51. STMICROELECTRONICS: REVENUE, 2015-2017 (\$MILLION)

FIGURE 52. STMICROELECTRONICS: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 53. STMICROELECTRONICS: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 54. TOKYO ELECTRON LIMITED: REVENUE, 2015-2017 (\$MILLION)

FIGURE 55. TOKYO ELECTRON LIMITED: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 56. TOKYO ELECTRON LIMITED: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 57. RENESAS ELECTRONICS CORPORATION: REVENUE, 2015-2017 (\$MILLION)

FIGURE 58. RENESAS ELECTRONICS CORPORATION: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 59. RENESAS ELECTRONICS CORPORATION: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 60. TOSHIBA CORPORATION: REVENUE, 2015-2017 (\$MILLION)

FIGURE 61. TOSHIBA CORPORATION: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 62. TOSHIBA CORPORATION: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 63. CREE: REVENUE, 2016-2018 (\$MILLION)

FIGURE 64. CREE: REVENUE SHARE, BY SEGMENT, 2018 (%)

FIGURE 65. CREE: REVENUE SHARE, BY GEOGRAPHY, 2018 (%)

FIGURE 66. ROHM: REVENUE, 2015-2017 (\$MILLION)

FIGURE 67. ROHM: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 68. ROHM: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

FIGURE 69. NXP: REVENUE, 2015-2017 (\$MILLION)

FIGURE 70. NXP: REVENUE SHARE, BY SEGMENT, 2017 (%)

FIGURE 71. NXP: REVENUE SHARE, BY GEOGRAPHY, 2017 (%)

I would like to order

Product name: Silicon Carbide Power Semiconductors Market by Power Module (Power Product and Discrete Product) and Industry Vertical (IT & Telecom, Aerospace & Defense, Industrial, Energy & Power, Electronics, and Automotive & Healthcare) - Global Opportunity Analysis and Industry Forecast, 2018-2025

Product link: <https://marketpublishers.com/r/S01D134F542EN.html>

Price: US\$ 5,370.00 (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/S01D134F542EN.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