

Silicon Carbide MOSFETs Report: Trends, Forecast and Competitive Analysis

https://marketpublishers.com/r/SC6CB9CDA3B0EN.html

Date: January 2024

Pages: 150

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

ID: SC6CB9CDA3B0EN

Abstracts

Lucintel has been in the business of market research and management consulting since 2000 and has published over 1000 market intelligence reports in various markets / applications and served over 1,000 clients worldwide. This study is a culmination of four months of full-time effort performed by Lucintel's analyst team. The analysts used the following sources for the creation and completion of this valuable report:

In-depth interviews of the major players in this market

Detailed secondary research from competitors' financial statements and published data Extensive searches of published works, market, and database information pertaining to industry news, company press releases, and customer intentions

A compilation of the experiences, judgments, and insights of Lucintel's professionals, who have analyzed and tracked this market over the years.

Extensive research and interviews are conducted across the supply chain of this market to estimate market share, market size, trends, drivers, challenges, and forecasts. Below is a brief summary of the primary interviews that were conducted by job function for this report.

Thus, Lucintel compiles vast amounts of data from numerous sources, validates the integrity of that data, and performs a comprehensive analysis. Lucintel then organizes the data, its findings, and insights into a concise report designed to support the strategic decision-making process. The figure below is a graphical representation of Lucintel's research process.



Contents

1. EXECUTIVE SUMMARY

2. GLOBAL SILICON CARBIDE MOSFETS MARKET: MARKET DYNAMICS

- 2.1: Introduction, Background, and Classifications
- 2.2: Supply Chain
- 2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

- 3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)
- 3.2. Global Silicon Carbide MOSFETs Market Trends (2018-2023) and Forecast (2024-2030)
- 3.3: Global Silicon Carbide MOSFETs Market by Breakdown Voltage
 - 3.3.1: 650 V 900 V
 - 3.3.2: 900 V 1200 V
 - 3.3.3: 1200 V 1700 V
 - 3.3.4: Above 1700 V
- 3.4: Global Silicon Carbide MOSFETs Market by Application
 - 3.4.1: Inverters
 - 3.4.2: On Board Charger (OBC)
 - 3.4.3: Uninterruptible Power Supply (UPS)
 - 3.4.4: Motor Drives
 - 3.4.5: Energy Storage Systems
- 3.5: Global Silicon Carbide MOSFETs Market by End Use Industry
 - 3.5.1: Automotive
 - 3.5.2: Energy & Power
 - 3.5.3: Industrial
 - 3.5.4: Consumer Electronics
 - 3.5.5: Others

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

- 4.1: Global Silicon Carbide MOSFETs Market by Region
- 4.2: North American Silicon Carbide MOSFETs Market



- 4.2.1: North American Silicon Carbide MOSFETs Market by Breakdown Voltage: 650 V 900 V, 900 V 1200 V, 1200 V 1700 V, and Above 1700 V
- 4.2.2: North American Silicon Carbide MOSFETs Market by Application: Inverters, On Board Charger (OBC), Uninterruptible Power Supply (UPS), Motor Drives, Energy Storage Systems, and Others
- 4.3: European Silicon Carbide MOSFETs Market
- 4.3.1: European Silicon Carbide MOSFETs Market by Breakdown Voltage: 650 V 900 V, 900 V 1200 V, 1200 V 1700 V, and Above 1700 V
- 4.3.2: European Silicon Carbide MOSFETs Market by Application: Inverters, On Board Charger (OBC), Uninterruptible Power Supply (UPS), Motor Drives, Energy Storage Systems, and Others
- 4.4: APAC Silicon Carbide MOSFETs Market
- 4.4.1: APAC Silicon Carbide MOSFETs Market by Breakdown Voltage: 650 V 900 V, 900 V 1200 V, 1200 V 1700 V, and Above 1700 V
- 4.4.2: APAC Silicon Carbide MOSFETs Market by Application: Inverters, On Board Charger (OBC), Uninterruptible Power Supply (UPS), Motor Drives, Energy Storage Systems, and Others
- 4.5: ROW Silicon Carbide MOSFETs Market
- 4.5.1: ROW Silicon Carbide MOSFETs Market by Breakdown Voltage: 650 V 900 V, 900 V 1200 V, 1200 V 1700 V, and Above 1700 V
- 4.5.2: ROW Silicon Carbide MOSFETs Market by Application: Inverters, On Board Charger (OBC), Uninterruptible Power Supply (UPS), Motor Drives, Energy Storage Systems, and Others

5. COMPETITOR ANALYSIS

- 5.1: Product Portfolio Analysis
- 5.2: Operational Integration
- 5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- 6.1: Growth Opportunity Analysis
- 6.1.1: Growth Opportunities for the Global Silicon Carbide MOSFETs Market by Breakdown Voltage
- 6.1.2: Growth Opportunities for the Global Silicon Carbide MOSFETs Market by Application
- 6.1.3: Growth Opportunities for the Global Silicon Carbide MOSFETs Market by End Use Industry



- 6.1.4: Growth Opportunities for the Global Silicon Carbide MOSFETs Market Region
- 6.2: Emerging Trends in the Global Silicon Carbide MOSFETs Market
- 6.3: Strategic Analysis
 - 6.3.1: New Product Development
 - 6.3.2: Capacity Expansion of the Global Silicon Carbide MOSFETs Market
 - 6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Silicon Carbide

MOSFETs Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: Diodes Incorporated
- 7.2: GeneSiC Semiconductor
- 7.3: Infineon Technologies
- 7.4: Littelfuse
- 7.5: Microchip Technology
- 7.6: ROHM
- 7.7: Sansha Electric
- 7.8: Semiconductor Components
- 7.9: SemiQ
- 7.10: STMicroelectronics



I would like to order

Product name: Silicon Carbide MOSFETs Report: Trends, Forecast and Competitive Analysis

Product link: https://marketpublishers.com/r/SC6CB9CDA3B0EN.html

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

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/SC6CB9CDA3B0EN.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
	Custumer 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